Shri Amolak Jain Vidya Prasarak Mandal's
Smt. S. K. Gandhi Arts, Amolak Science &
P. H. Gandhi Commerce College,
Kada Tal-Ashti, Dist-Beed (M.S.) 414202
NAAC Accredited with Grade 'B'
A Jain Minority Institution



Monthly Teaching Plan 2021-2022

F. Y. B. Sc.
Semester I - Course PHY-102 - Paper II (Heat and Thermodynamics)
Semester II - Course PHY-105 - Paper V (Electricity and Magnetism)

Sr. No.	Month	Topics \ Practicals to be Completed
1)	October 2021	**1)Thermal Conductivity:** Transference of heat, Coefficient of thermal conductivity, Rectilinear flow of heat along a metal bar, Methods of radial flow of heat- (i) spherical shell method and (ii) Flow of heat along the wall of a cylindrical tube, comparison of conductivities of different metals.
2)	November 2021	**2) Real Gases and Transport Phenomena: Real Gases:-** Introduction, Reason for modification of gas equation, Vander Waals equation of state, comparison with experimental curves, critical constants, constants of Vander Waals equation. Expt. No.- 1, 2 (Phy-103)
3)	December 2021	**Transport Phenomena:** Introduction, Mean free path, sphere of influence and expression for mean free path, variation of mean free path with temperature and pressure, transport phenomena, Viscosity, Thermal conductivity (their interrelationship, dependence on temperature and pressure). **3) Thermodynamics:** Adiabatic process, Adiabatic equation of a perfect gas, Expt. No.- 3, 4 (Phy-103)
4)	January 2022	Isothermal process, Indicator diagram, work done during isothermal process and adiabatic process, reversible and irreversible process, Second law of thermodynamics. (Kelvin and Clausius statement), Heat engines, Carnot's ideal heat engine, Carnot's cycle (work done and Efficiency). Expt. No.- 5, 6 (Phy-103)
5)	February 2022	**4) Entropy and Thermodynamic relations:** General notation of entropy, change of entropy is independent of path, change of entropy in reversible and irreversible process, Formulation of second law in term of entropy, Maxwell's thermodynamical relation, Applications of Maxwell's relations- i) Clausius-Clapeyron equation, ii) T- ds equations. Expt. No.-7, 8 (Phy-103)
6)	April 2022	**1) Vector Algebra:** Dot and cross product (Revision), scalar triple product and it's geometrical interpretation, vector triple product, gradient of a scalar and it's physical interpretation, line, surface and volume integrals, Gauss's divergence theorem and Stoke's theorem. Expt. No.-1, 2 (Phy 106)
7)	May 2022	**2) Electrostatics:** Coulomb's Law, Electric field, field due to point charge, flux of electric field, Gauss's law (with proof), Differential form of Gauss law, electric potential, potential due to a point charge, Potential and field due to electric dipole. Dielectric, polarization of dielectric, Gauss's law in dielecrics, Relation between D, E and P. Exet. No.- 3 (Phy-106)
8)	June 2022	**3) Magnetostatics:** Magnetic field, Magnetic induction, Magnetic flux, Biot-Savart law, Magnetic induction due to straight conductor carrying current, magnetic induction on the axis of solenoid, Ampere's Law, Differential form Ampere's Law, Moving coil ballistic Galvanometer- expression for charge. Expt. No- 4, 5, 6 (Phy-106)
9)	July 2022	**4) Transient Currents:** Growth and decay of current in a circuit containing L and R, charge and discharge of a capacitor through resistor, Growth and decay of charge in LCR circuit. Expt. No- 7, 8 (Phy-106)

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science and P. H. Gandhi Commerce College Kada, Tal. - Ashti, Dist. - Beed.

Month Wise Teaching Plan (2021-22)

Teacher Name: Dr. Jawaharlal Motilal Bhandari **Department: Physics**

S. Y. B. Sc. Semester III - Course PHY-201 - Paper VII (Mathematical, Statistical Physics and Relativity)
Semester IV - Course PHY-205 - Paper XI (General Electronics)

Sr. No.	Month	Topics \ Practicals to be Completed
1)	October 2021	**1) Differentiation and ordinary Differential equation:** Limit of Function, Partial, successive, total, exact differentiation, chain rule.
2)	November 2021	Ordinary differential equation, order and degree of differential equation, solution of first order differential equation, solution of second order linear differential equation with constant coefficient a) Homogeneous equations, b) Inhomogeneous equation, special case of exponential right hand to find P.I. Expt. No.- 1, 2 (Phy-203)
3)	December 2021	**2) Statistical basis and Classical statistics:** Introduction, Probability, principal of equal a priori probability, probability and frequency, permutation and combination, microstates and macrostates, phase space, thermodynamic probability, Maxwell-Boltzmann energy distribution law, evaluation of g_i, α and β, M. B. speed distribution law Expt. No.- 3, 4, 5 (Phy-203)
4)	January 2022	**3) Quantum statistics:** Need of quantum statistics, Bose-Einstein distribution law, Plank's radiation law, Fermi-Dirac distribution law, electron gas, Fermi level and Fermi energy, E_{F_0} for electrons in metal, difference between classical and quantum statistics. Expt. No.- 6, 7 (Phy-203)
5)	February 2022	**4) Theory of relativity:** Introduction, frame of reference, Galilean transformation equations, Michelson Morley Experiment, special theory of relativity, Lorentz transformation equation, length contraction, time dilation, variation of mass-energy equivalence. Expt. No.- 8 (Phy-203)
6)	April 2022	**1) Semiconductor:** Introduction, construction, working and characteristics of semiconductor diode, Zenerdiode, zenerdiode characteristics, Transistor, Characteristics of transistors, FET and MOSFET. Expt. No.- 1 (Phy-207)
7)	May 2022	**2) Bonding and Band theory of solids:** Introduction, concepts of inter-atomic forces, cohesive forces and types of bonding, Primary, secondary bonds, Vander walls bond and Hydrogen bond. The Kroning-Penney model, energy versus wave vector relationship, different representations (Brillouin Zone). Expt. No.- 2, 3, 4 (Phy-207)
8)	Jun 2022	**3) Thermal properties of solids:** Classical theory of lattice heat capacity (concept and comparison with experimental values), Einstein's theory of lattice heat capacity, Debye's model of lattice heat capacity, density of modes, limitations of debye's model Expt. No.- 5, 6 (Phy-207)
9)	July 2022	**4) Free electron theory of Metals and Transport properties:** Drude-Lorentz's classical theory, electrical conductivity, thermal conductivity, Wiedemann Franz law, significance of Fermi energy level, Hall effect, Hall voltage and Hall coefficient, experimental determination of Hall coefficient, Importance of Hall effect. Expt. No.- 7, 8 (Phy-207)

JMbandari

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Month Wise Teaching Plan (2021-22)

Teacher Name: Dr. Jawaharlal Motilal Bhandari **Department: Physics**

T. Y. B. Sc. **Semester V - Course PHY-302 - Paper XVI (Electrodynamics)**
Semester VI - Course PHY-306 - Paper XX (Non-conventional energy sources and Optical fiber)

Sr. No.	Month	Topics \ Practicals to be Completed
1)	October 2021	**1) Electrostatics:** Introduction, Electric field lines, electric flux and Gauss law, Divergence of E, Curl of E, Expt. No.-1 (Phy-303)
2)	November 2021	Application of Gauss Law: Electric field due to a i) uniform charge sphere ii) charged cylinder, Gaussian pillbox, Poisson's equation, Laplace equation, Uniqueness theorem (First and Second). **2) Time varying field:** Faraday's law of Electromagnetic induction, Lenz's law, Self-induction, Mutual Induction, equation of continuity, Expt. No. -2, 3 (Phy-303)
3)	December 2021	Maxwell's displacement current, Maxwell's equation (Derivation, Differential form). **3) Electromagnetic waves:** Origin of electromagnetic wave, Characteristics of electromagnetic wave, electromagnetic wave equations in a conducting medium, transverse nature of electromagnetic wave, Expt. No. – 4, 5 (Phy-303)
4)	January 2022	Plane polarized electromagnetic wave, The Poynting vector, Poynting theorem, Polarization of electromagnetic wave. **4) Interaction of electromagnetic waves with matter:** Boundary condition for the electromagnetic field vector- B,E,D & H at interface between two media, Expt. No. – 6, 7 (Phy-303)
5)	February 2022	Reflection and refraction at the boundary of two non-conducting media. Expt. No. - 8 (Phy-303)
6)	April 2022	**1) Non-conventional energy sources:** Introduction, Biomass, wind energy, tidal energy/Ocean energy, geothermal energy, biogas hydro energy, solar energy, Biogas plant fixed dome type Expt. No. - 1 (Phy- 307)
7)	May 2022	**Wind energy:** Introduction to wind energy, terms and definition: wind, wind farm, wind turbine, vertical and horizontal axis wind turbine (VAWT) and (HAWT), Propeller (wheel), wind mill, types of wind turbines generator units, mono blade HAWT, twin blade HAWT, merits and limitations of wind energy. **2) Solar Photovoltaic systems:** Introduction to photovoltaic system, Expt. No.- 2, 3, 4 (Phy- 307)
8)	Jun 2022	solar cell fundamentals: i) semiconductor, ii) P-N junction, iii) generation of electron-hole pair by photon absorption, iv) I-V characteristics of solar cell. **Electrical storage:** Lead acid battery, basic battery theory. **3) Introduction of optical fiber:** Introduction, importance of optical fiber, classification of optical fiber- stepped index fiber, stepped index monomode fiber, Disadvantages of monomode fiber, Expt. No. - 5, 6 (Phy- 307)
9)	July 2022	Plastic fiber, latest developed types of optical fibers- HPSUV; HPSIR; Halide; Tapered. **4) Fiber cables and fabrication:** Classification of fiber fabrication techniques; external and internal chemical vapour deposition, axis vapour deposition. **Fiber Cables:** construction, strength members, cable tensile loading, minimum bend radius losses, selection criteria, optical cable fiber laying in telephone. Expt. No. - 7, 8 (Phy- 307)

Jbhandari

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2021-2022

Teacher Name - Dr. Yogesh Balwantrao Rasal, Department – Physics

Class - F. Y. B. Sc. Paper – I (Mechanics, Properties Matter & Sound) & IV (Geometrical & Physical Optics)

Sr. No.	Month	Topic/ Practical's to be Completed
1	Sept. 2021	Compound Pendulum- expression of time period, Interchangeability of centre of suspension and oscillation, Kater's Pendulum. Newton's law of Gravitation (Statement only), Gravitational Field, Gravitational Potential, Gravitational Potential of mass, Gravitational potential and field due to spherical shell and solid sphere (at a point, outside , inside and on the surface).
2	Oct. 2021	Introduction, Moduli of Elasticity (Elastic constants), Twisting couple on a cylinder, Bending of Beam – Bending moment, cantilever loaded at free end – (a) When weight of beam is ineffective, (b) When weight of beam is effective, Depression of Beam loaded at centre. Practical P- III Experiment No 1- 8
3	Nov. 2021	**Viscosity** - Introduction, energy of liquid in motion, Bernoulli's Theorem, practical applications: (i) Law of hydrostatic pressure (ii) Filter pump, Poiseuille's formula. **Surface Tension** - Introduction, Difference of pressure across a curved surface, Determination of S.T. by Jaeger's method. Practical P- III Experiment No 1- 8
4	Dec. 2021	**Ultrasonic** - Piezo – electric effect, Piezo – electric Generator, Magnetostriction effect, Magnetostriction oscillator, Applications of ultrasonic – Depth of sea, Chemical effects, Medical applications. **Acoustics** - Reverberation, Acoustical demands of an auditorium, Practical P- III Experiment No 1- 8
5	Jan. 2022	Sabine's Law – Derivation of Reverberation time, conditions of good acoustical designs of room. Cardinal points of optical system - Focal points, Principal points, Nodal points and corresponding planes, coaxial lens system - equivalent focal length and cardinal points. Huygens's Eyepiece.
6	Feb. 2022	Ramsden's eyepiece and their cardinal points
7	March 2022	Interference in thin film due to reflected and transmitted light, wedge shaped thin film, Newton's rings by reflected light, determination of wavelength, Michelson's Interferometer, type of fringes, determination of wavelength and difference in wavelength. Practical P- VI Experiment No 1- 8
8	April 2022	Introduction, Diffraction at a thin wire , Fraunhofer diffraction at double slit (Interference and diffraction maxima, minima), Plane Transmission diffraction grating, Determination of wavelength (Normal incidence), Resolving power of optical instruments (Rayleigh's criterion),R. P. of prism and grating. Practical P- VI Experiment No 1- 8
9	May 2022	Introduction, Malus law, Double refraction, Huygens's theory of double refraction in uniaxial crystal, Nicol prism. Optical activity, Fresnel's theory of optical rotation, specific Rotation, Laurentz's half – shade polarimeter, Practical P- VI Experiment No 1- 8
10	June 2022	Determination of specific rotation of sugar solution.

Dr. Y. B. Rasal

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Month Wise Teaching Plan 2021-2022

Teacher Name - Dr. Yogesh Balwantrao Rasal, Department - Physics

Class - S. Y. B. Sc. Paper –VIII (Modern and Nuclear Physics) XII (SSP)

Sr.	Month	Topic/ Practical's to be Completed
1	Sept. 2021	Introduction, Lenard's method to determine e/m for photoelectrons, Richardson and Compton experiment, Relation between photoelectric current and retarding potential, Relation between velocity of photoelectrons and frequency of light, photoelectric cells- (1) Photo- emissive cell (2) Photo- voltaic cell (3) Photoconductive cell, Applications of photoelectric cells.
2	Oct. 2021	Introduction, The absorption of X-ray's, Laue's experiment, Bragg's Law, The Bragg's X-ray spectrometer, powder crystal method, The Laue method, X-ray spectra, Practical P- XIX & X Experiment No 1- 8
3	Nov. 2021	Main features of continuous X-ray spectrum, Characteristics x-ray spectrum. Introduction, Binding energy, Nuclear stability, Nuclear forces , Meson theory of nuclear forces, liquid drop model, shell model, Energy released in Fission , Chain reaction, Atom bomb, Nuclear Reactors, P- XIX & X Experiment No 1- 8
4	Dec. 2021	Nuclear fusion, Source of stellar energy. Linear accelerator, Cyclotron, Synchrocyclotron, Betatron, Ionisation chamber, proportional counter, P- XIX & X Experiment No 1- 8
5	Jan. 2022	Geiger – Muller counter, Problems. Introduction, Crystal lattice- plane lattice, space lattice, translation vectors, Unit cell, (primitive, non primitive Wigner-Sietz primitive cell) Basis, symmetry operations, point groups and space groups, type of lattices (two dimensional and three dimensional lattices), lattice directions and planes. P- XIII & XIV Experiment No 1- 8
6	Feb. 2022	Miller indices, Inter planer spacing, simple crystal structure.
7	March 2022	Introduction, concept of inters–atomic forces, cohesive energy and types of bonding, primary bonds- (ionic bonds, covalent bond and metallic bond), secondary bonds- (Vander Walls bonds and hydrogen bonds). The Kroning-Penney model, Energy versus Wave vector relationship, different representations (Brillouin zone) P- XIII & XIV Experiment No 1- 8
8	April 2022	Classical theory of lattice heat capacity (Concept and comparison with experimental values), Einstein's theory of lattice heat capacity, Debye's model of lattice heat capacity, density of modes, limitations of Debye's model. P- XIII & XIV Experiment No 1- 8
9	May 2022	Drude-Lorentz's classical theory, electrical conductivity, thermal conductivity, Wiedemann Franz law, significance of Fermi energy level, Hall effect, Hall voltage and P- XIII & XIV Experiment No 1- 8
10	June 2022	Hall coefficient, experimental determination of Hall coefficient, Importance of Hall effect.

Dr. Y. B. Rasal

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Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2021-2022

Teacher Name - Dr. Yogesh Balwantrao Rasal, Department – Physics

Class - T. Y. B. Sc. Paper – XV (CM & QM) & XIX (Atomic, Molecular Physics & Laser)

Sr.	Month	Topic/ Practical's to be Completed
1	Sept. 2021	Mechanics of a Particle, Mechanics of system of particles Constraints, Classification of Constraints, Virtual Work, D'Alembert's principle, Lagrange's equation, Simple application of Lagrangian formulation –Simple Pendulum, Particle in space, Linear Harmonic Oscillator, Atwood's Machine.
2	Oct. 2021	Introduction, Failure of Classical mechanics, Black body Radiation (Distribution of Energy), Plank's Quantum theory-Plank's Quantum postulates, linear momentum of photon in terms of wave vector, Plank's radiation law-Wein's law and Rayleigh's law, Einstein's equation: Quantum theory of photoelectric effect, Quantum effect. P- XVII & XVIII Experiment No 1- 8
3	Nov. 2021	Introduction, de-Broglie's hypothesis for matter waves, de-Broglie's wavelength in terms of energy and temperature, de-Broglie phase velocity and particle velocity (relation between them), Group velocity, Relation between group velocity and phase velocity, Davisson-Germer Experiment, P- XVII & XVIII Experiment No 1- 8
4	Dec. 2021	Heisenberg uncertainty principle, Applications of Heisenberg uncertainty principle (1) Nonexistence of electrons in nucleus (2) Binding energy of an electron in an atom. Wave Function (Ψ) of a moving particle, Time dependent Schrodinger's wave equation, Expectation value, Operators, P- XVII & XVIII Experiment No 1- 8
5	Jan. 2022	Time independent Schrodinger equation (steady state form), particle in one dimensional box, Quantization of energy and momentum. Introduction, Thomson atom model, the Rutherford nuclear atom model, drawbacks of Rutherford atomic model, the Bohr's atom model, Bohr's theory of origin of spectral lines. P- XXI & XXII Experiment No 1- 8
6	Feb. 2022	Diagrammatic representation of the series spectrum of the H-atom in the light of Bohr's theory.
7	March 2022	Introduction-vector atom model, Quantum numbers associated with the vector atom model, L-S coupling, j-j coupling, The Pauli's exclusion principle, Selection rules, Intensity Rules, Interval Rule, Normal Zeeman effect, Anomalous Zeeman effect, Stark effect and its experimental study. P- XXI & XXII Experiment No 1- 8
8	April 2022	Introduction, origin of pure rotational spectrum of a molecule, origin of vibration-rotation spectrum of a molecule, Rayleigh's law of scattering, Raman effect- Discovery, experimental study, Applications of Raman effect-molecular structure, Nature of liquids, Crystal Physics, Nuclear Physics, Chemical effects. P- XXI & XXII Experiment No 1- 8
9	May 2022	Introduction, induced absorption, spontaneous emission, stimulated emission, population inversion, properties of laser beam, laser pumping, Types of laser-Ruby laser, He-Ne laser, carbon dioxide (CO_2) laser, P- XXI & XXII Experiment No 1- 8
10	June 2022	Applications of laser-Biological, medical and industrial.

Dr. Y. B. Rasal

Year - 2021 - 2022

S.K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Botany

Class... S.Y.B.Sc..... Paper (VII) ..... Taxanomy of Angiosperms .....

Sr. No.	Month	Topics / Practicals to be Completed
	Sept 2021	Unit - 1 Admission process start 1) Introduction of subject and syllabus given to the student scilent feature of Angiosperm, Defination objective and importance of taxanomy, origen and evolution of Angiosperm.
	oct - 2021	2) system of classification Introduction of Natural, Artificial and Phylogenetic system. Benthum and Hooker's system of classification up to series - leavel; and its merits and de-merits
	Nov - 2021	Taxanomy in relation to anatomy Embryology, palanology, Ecology and cytology. 3) concept of Bi-nomial nomenculture and its advantages. 6) concept of Genus and species

Sarfad I.G.

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MONTH WISE TEACHING PLAN

Botany

Class....S.Y.B.Sc..... Paper (VII) .....Taxonomy of Angiosperm's

Sr. No.	Month	Topics / Practicals to be Completed
	DEC - 2021	7) Defination of Harbaria. Introduction, What is Harbaria, procedures for collection of plant's pressing of the plant meterial or specimen. Drying of the specimen, poisoning, mounting, labaling, storing of the speciman. function of Harbaria and some Ecopomic Importance. * Harbaria of the India. Digital Harbaria, Botanical gardan, What is Botanical gardan function's of Botanical gardan and major Botanical gardan In India.
	JAN2022	Unit - 2 study of following families. and its systematic position, saiont feature, Floral formula Floral digram, common examples

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MONTH WISE TEACHING PLAN

Botany

Class..... S.Y.B.Sc..... Paper (VII) ..... Taxonomy of Angiosperms

Sr. No.	Month	Topics / Practicals to be Completed
	Jan 2022	and their Economic Importance i) Anonaceae ii) malvaceae iii) Fabiaceae (papilionaceae) iv) Leguminaceae (~~papilionaceae~~) v) ceasalpiniaceae vi) mimosaceae vii) Apocynaceae viii) solanaceae ix) Acanthaceae x) Lamiaceae (Labiateae) xi) Nyctaginaceae xii) Liliaceae xiii) Poaceae (Gramineae)

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MONTH WISE TEACHING PLAN

Botany

Class S.Y.B.Sc. Paper (XI) Gymnosperm and Utilization of plants

Sr. No.	Month	Topics / Practicals to be Completed
	March-2022	Unit-1 - Gymnosperm :- 1) Salient features, classification as per Sporne 1965 Economic Imp. of Gymnosperm 2) Geological time scales, fossilization - types of fossiles Lygenopteris, fossil fuels
	April-2022	3) Contribution of Prof Birbal sahani 4) Study of morphology, anatomy Reproduction (excluding developmental stages) and graphical Representation of Life cycles of the following types. (a) cycadales - cycus (b) coniferales - pinus
	May-2022	Study of morphological anatomical and graphical representation of life cycle of the (c) Gnetum

S.K.Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Botany

Class..... S.Y.B.Sc..... Paper (XI)..... Gymnosperm and Utilization of Plant

Sr. No.	Month	Topics / Practicals to be Completed
	May-2022	Units- 2 Utilization of plants – 1) Domastication of plant and their centers of origen (2) History, origen, cultivation harvesting, Improved varieties and Economic Importance of the following plants. 1) food plants wheat, Jawar. food plants – wheats, Jawar (II) sugar. (III) Fiber – cotton, Jute (IV) Vegetable oil – ground nut, sun flower. (V) Beverages – Tea, coffee.
	June 2022	mushroom – eg- pleurotus Botanical Name family name and Economic Imp of the following plants.

S.K.Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Botany

Class S.Y.B.Sc Paper (XI) Gymnosperm and Utilization of plant

Sr. No.	Month	Topics / Practicals to be Completed
		(I) Medicinal plants — Korpad, Ashwagandha Tormaric and Nirgudi (II) Timber and Gum — Teak, Neem, Babul Sisham (III) Cosmatic and perfumes: — Rose mogara Tubrose (IV) spices: — clove Black papper, cumine coriander. cinnamon.

MONTH WISE TEACHING PLAN

Botany

Class S.Y.B.Sc Paper (IX) Taxanomy of Angiosperm Practical

Sr. No.	Month	Topics / Practicals to be Completed
	Sep - 2021	Practical based on paper XI To study locally available plants of the following family 1) Anonaceae, malvaceae . Leguminaceae fabiaceae (papilionaceae)
	Oct - 2021	To study following family. ceasalpinaceae mimoceae Apocynaceae
	NOV - 2021	To study following families. solanaceae Lamiaceae
	Dec - 2021	Nyctiagenaceae Liliaceae
	Jan - 2022	To study following families. poaceae

MONTH WISE TEACHING PLAN

Botany

Class..... S.Y.B.Sc..... Paper (XII)..... Gymnosperm and Utilization of Plant

Sr. No.	Month	Topics / Practicals to be Completed
	May 2022	To study of Gnetum — Habit, T.S. of stem, male and female cone of Gnetum. paliobotany -: (a) type of Fossil (b) eg. Lygenopteris Utilization of plants: — To study morphological, structure and Histochemical Test eg. Jawar and wheat.
	JUNE-2022	Histo chemical Tes of Lignine and cellulose • cultivation of mushroom. • Hand sections of groundnut and sunflower seed and staining by sudan III To study of source of timber. gum, medicinal plants, cosmatics and perfumes, • To study black papper, cumine coriander • Field Tour, Note book speimen collection.

Sayyad I.G

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MONTH WISE TEACHING PLAN

Botany

Class S.Y.B.Sc Paper (XII) Gymnosperm and Utilization of plants

Sr. No.	Month	Topics / Practicals to be Completed
	March-2022	Practical Based on paper XI Gymnosperm :- (a) Cycus :- Habit, young leaf, Bulbil male cone, microsporophyll, megasporophyll, pollen grain. Matureseed (b) study through permanant slide. Normal root (T.S) stem (TS) ovule (L.S) To study of coraloid root (T.S) Rachis (T.S) leaf let (T.S)
	April.2022	Study of Pinus :- (i) Habit. long and dwarf shoot; scale, leaves, foliage leaves male and female cone, pollen grain, winged seed (ii) To study through permanent slide - (a) T.L.S and R.L.S of Pinus stem (b) L.S. of male cone (c) L.S. of female cone

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2021-2022

Teacher Name - Dr. S. S. Patale **Department - Botany**

Class - B.Sc. T.Y. Theory & Practical

Paper - XVI (C) Plant Pathology & Paper XX(C) Microbiology and Disease Management

Sr. No.	Month	Topic/ Practical's to be Completed
1	September-2021	**Unit-1 Credit-1** **Fundamentals of plant pathology**: 1. Plant pathology – history, scope, losses due to pathogens, importance and need to study plant pathology 2. Classification of plant diseases on the basis of symptoms and causal organisms – animate and inanimate **Practical's: Unit-1 Credits-1.5** 1.Study of Koch's postulates – isolation, inoculation and disease development 2.Study of the following diseases with respect to symptoms, causal organism, disease cycle and disease management
2	October - 2021	3. Plant pathological institutes – IARI (Indian Agricultural Research Institute), ICRISAT(International Crop Research Institute for Semi Arid Tropics) 4. Seed pathology – concept and importance of seed pathology, seed borne pathogens, methods to study seed borne pathogens 5. Study of air borne pathogens: methods and applications 6. Field and laboratory diagnosis of plant disease - Koch's postulates **Practical's:** 1) **Cereals:** a. Black stem rust of wheat b. Grain smut of jowar c. Ergot of bajra 2) **Pulses:** a. Wilt of pigeon pea b. Yellow vein mosaic of bean
3	November-2021	**Unit-2 Credit-2** **Plant diseases**: Study of the following diseases with respect to symptoms, causal organism, disease cycle and disease management: **1) Cereals:** a. Black stem rust of wheat

		b. Grain smut of jowar c. Ergot of bajra **2) Pulses**: a. Wilt of pigeon pea b. Yellow vein mosaic of bean **Practical's:** 3**) Vegetables:** a. Late blight of potato b. Little leaf of brinjal c. Black rot of onion (*Aspergillus*) 4) **Oil seeds:** a. Tikka disease of groundnut b. Damping off of mustard
4	Decem ber-2021	**3) Vegetables:** a. Late blight of potato b. Little leaf of brinjal c. Black rot of onion (*Aspergillus*) **4) Oil seeds:** a. Tikka disease of groundnut b. Damping off of mustard **5) Cash crops:** a. Grassy shoot of sugarcane **Practical's:** 5) **Cash crops:** a. Grassy shoot of sugarcane b. Downy mildew of grapes c. Angular leaf spot of cotton d. Citrus canker
5	January -2022	b. Downy mildew of grapes c. Angular leaf spot of cotton d. Citrus canker **6) Ornamentals:** a. Powdery mildew of rose **7) Weeds:** a. Rust of Euphorbia **8) Trees:** a. *Cercospora* on *Albizzia* fruits **Practical's:** 6) **Ornamentals:** Powdery mildew of rose 7) **Weeds:** Rust of Euphorbia 8) **Trees:** *Cercospora* on *Albizzia* fruits
6	Februar y- 2022	Unit-1 Credit-1 **1. Microbiology** Microorganisms in biological world, their classification and features of different groups (03) 2. **Microbial techniques**: a. Microscopy – simple, compound and electron microscope b. Micrometry – Principle, working and uses c. Staining – common stains used in pathology,their preparation and significance, (cotton blue and Gram's Stain)

		d. Sterilization of glasswares and media **Practical's:** 1. Study of fungicides as per theory syllabus 2. Preparation of Bordeaux mixture, burgundy mixture and Bordeaux paste 3. Study of insecticides with respect to active ingredient, colour code, formulation, mode of action, antidote and uses 4. Study of *Trichoderma* culture
7	March-2022	**3. Culture media for isolating plant pathogen** Industrial application of microorganisms - organic acids, alcohol,milk products, antibiotics and biopesticides **Unit-2 Credit-2** **Disease management**: **1**. Preventive methods: field sanitation, use of clean planting material, crop rotation, trap crops, time of sowing, planting distance and tillage **2. Control methods –** a. Seed treatment: concept, objective, traditional and modern methods of seed treatment b. Soil sterilization: concept, objectives and methods c. Fungicides: Definition, classification and ideal characteristics of fungicides, study of fungicides with respect to active ingredients, formulations, methods of application, mode of action and uses **Practical's:** 5. Study of plant protection equipments –pneumatic air pump, knapsack sprayer, mist blower cum duster 6. Principle and working of autoclave, laminar air flow, Tilak air sampler 7. Use of aerobiological techniques to study fungal spora (gravity slide method, Tilak air sampler) 8. Calibration of microscope and measurement of fungal spores
8	April - 2022	i. Sulphur fungicides – Inorganic – Wettable sulphur, Organic – Thirum ii. Copper fungicides iii. Mercuric chloride – Agrosan – GN iv. Heterocyclic nitrogenous compounds – Captan v. Benzene compounds – Dexon vi. Antibiotics – Streptomycin and Aureofungin vii. Systemic – Bavistin and Vitavax d. Pesticides:Nicotin,Neem and pyrethrum e. Rhodenticides – Zinc phosphoid f. Nematicides- Nemagon, Propoxar g Weedicides- 2,4-D h. Biological control- definition, need, examples and role Plant quarantine **Practical's:** 9. Sketching of fungal spore by camera lucida technique 10. Detection of organic acids from healthy and infected leaves by circular paper chromatography 11. Detection of Amino acids from healthy and infected leaves by circular paper chromatography

		12. Study of pathogens in fruits from local market
9	May-2022	**3.** Control measures and environment: pollution due to chemicals, residual effects, toxicity, safe measures, colour code, antidote, symptoms of poisoning, precautions in using pesticides **4.** Pesticide application equipments: principle and working –pneumatic air pump knapsack sprayer, mist blower and duster, types of nozzles **5.** Plant clinic: Concept, objective and need **6.** Recent techniques in plant pathology: Genetically modified organisms (GMO's), B.T.Cotton, Pheromones **Practical's:** 13. Study of fungi from locally available seed samples 14. Preparation of sterile media - nutrient agar, potato dextrose agar 15. Preparation of stains and mounting media - cotton blue, lacto phenol and gram stain

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Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2021-2022

Teacher Name - Dr. S. S. Patale **Department - Botany**

Class - B.Sc. S.Y. Practical
Paper - IX(Taxonomy of Angiosperms) & Paper XV (Gymnosperms and Utilization of plants)

Sr. No.	Month	Topic/ Practical's to be Completed
1	September-2021	**Angiosperms:** Study of locally available plants of the following families : 1. Annonaceae 2. Malvaceae 3. Leguminosae
2	October - 2021	a) Fabaceae (Papilionaceae) b) Caesalpiniaceae c) Mimosaceae
3	November-2021	4. Apocynaceae 5. Solanaceae 6. Acanthaceae
4	December-2021	7. Lamiaceae (Labiatae) 8. Nyctaginaceae
5	January -2022	9. Liliaceae 10. Poaceae (Gramineae)
6	February- 2022	**Gymnosperms:** ***a) Cycas*** i. Habit, young leaf, bulbils, male cone, microsporophyll, megasporophyll, pollen grains, mature seed. ii. Study through permanent slides-Normal root (T.S.). Stem (T.S.), Ovule (L.S.) iii. Study through hand section-Coralloid root (T.S.), Rachis (T.S.), Leaflet (T.S.)
7	March-2022	***b) Pinus*** i. Habit, long and dwarf shoot, scale leaves, foliage leaves, male cone, female cone, pollengrains (W.M.), winged seed. ii. Study through hand sections and permanent slides Root (T.S.), Stem (T.S.),

		Needle (T.S.) iii. Study through permanent slide - T.L.S. & R.L.S. of stem, L.S. of male cone, L.S. of female cone
8	April - 2022	**Palaeobotany:** a) Types of fossils (Specimens) b) *Lygynopteris* (Specimen / Permanent slide) **Utilization of plants :** a) Food plants – Study of the morphology, structure,and histochemical tests of food storing tissue in Jowar & Wheat b) Histochemical test of lignin and cellulose
9	May-2022	c) Vegetable oils – hand section of Groundnut & Sunflower Seed and staining of oil droplets by Sudan III d) Study of the sources of Timber, Gum, Medicinal plants, Cosmotics and Perfumes e) Study of Black pepper, Clove, Cinnamon, Cumin, Coriander f) Field notebook, specimen collection, and tour report.

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DEPARTMENT OF ZOOLOGY

TEACHING PLAN 2021-2022

NAME OF THE FACULTY: DR. JADHAV S.S. **CLASS: B.Sc. I &II Semester**

Months	Topic	Periods
	Paper No. II I - Semester	
October	Structure of Prokaryotic Cell, Structure of Eukaryotic Cell, Cell Cycle, Mitosis, Meiosis.	12
November	Structure and function: Endoplasmic Reticulum, Golgi Bodies, Nucleus, Lysosome, Ribosome.	10
December	Mitochondria: Morphology{Ultra Structure and Biogenesis} DNA Structure, Types of RNA, Cytology of Cancer and Types.	10
January	Light Microscope, Phase Contrast Microscope, Electron Microscope, Micro technique, Fixation, Staining	13
	Paper No. VI II - Semester	
March	Definition of Genetics and Variation, Mendel's Law of Heredity, Epitasis, Supplementary gene, Complementary gene. Spontaneous and Induced mutation	12
April	Coat Colour in Rabbit, ABO Blood group in man, Rh factors, Definition of Maternal Effect, coiling shell in Snail, Male sterility. Chromosomal aberration {Structure and numerical}, Spontaneous and Induced mutation	11
May	Co2 sensitivity in Drosophila, Kappa Particles in paramecia Chromosomal theory, in sex determination, Gene balance theory of sex determination.	12
June	Triploid intersexes and Gynandromorphs in Drosophila, Mutation, Gene Mutation: Definition and Classification, Chromosomal aberration {structure and numerical}.	10

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DEPARTMENT OF ZOOLOGY

TEACHING PLAN 2021-2022

NAME OF THE FACULTY: DR. JADHAV S.S. CLASS: B.Sc. III & IV Semester

Months	Topic	Periods
	Paper No. X III Semester	
October	Definition, concept and function of gene, Transcription of gene: - Initiation, elongation and termination. Genetic code:- Concept of codon, properties of genetic code, Translation of gene: - Initiation, elongation and termination.	09
November	Gene Pool., Gene Frequency, Herdy-weinberg's Law,Application of Herdy-weinberg's Law, Human chromosomes, Sex linked inheritance- X and Y Linked, Dizygotic and monozygotic twins, Inborn errors in metabolism: - PKU, Albinism.	12
December	Genetic disorders: - Down's syndrome, Turners' syndrome Klinefelter's syndrome, Use of human genetics in medical science: - Disease diagnosis Gene therapy and DNA finger printing, Microbial Genetics: - Transformation, Conjugation, Transduction.	12
January	Genetic Engineering: - Introduction: - Definition, Concept and significance. Restriction enzymes: - Concept and types. Cloning vectors: - Plasmid, Cosmid, phase. Construction of r-DNA. Application of r-DNA technology	12
	Paper No. XIV IV Semester	
March	Definition, concept and nomenclature, Properties, classification, Mechanism of enzyme action, Factors affecting enzyme action (Temperature, pH, Substrates & Co-enzyme.) Adrenal gland: - Morphology & histological structure, Hormones and their function. Pancreas: - Islets of langarhance- Histological structure Hormones and their function.	12
April	Carbohydrates: - Definition Classification monosaccharide, disaccharides, oligosaccharides and polysaccharides. Metabolism: - Glucogenesis, Gluconeogenesis, Glycolysis, TCA. & oxidative phosphoration. Proteins :- Definition , classification -simple , conjugated and derived proteins,	13
May	Structure of proteins: - Primary, secondary, tertiary and quartery. Metabolism: - Deamination and transamination Definition, classification, simple, compound and derived lipids. Metabolism: - β oxidation and cholesterol biosynthesis. Vitamins: - Sources and deficiency	10
June	Endocrine system of vertebrates: - Introduction: - Definition of endocrine, Paracrine and Autocrine system. Significance of endocrine and neuro - endocrine system. Pituitary gland: - Morphology & histological structure, 0 Hormones and their function. Thyroid gland: - Morphology & histological structure	10

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DEPARTMENT OF ZOOLOGY

TEACHING PLAN 2021-2022

NAME OF THE FACULTY: DR. VAIDYA V.V. **CLASS: B.Sc. V Semester**

Months	Topic	Periods
	Paper No. XVII V Semester	
October	Definition, basic concept, terminology used in ecology. Abiotic environmental factors: Temperature; Concept, temperature fluctuation in different environment. Range of temperature tolerance, effect of temperature on animals, Thermal adaptation. Light-Concept, Light variation in different environment, effect of light on animals. Adaptation to salinity and moisture	10
November	Biotic environmental factors: - Composition: - Definition, types, intraspecific and interspecific composition. Predation: - Definition, characteristics of predation. Commensalisms: - Definition and types with examples. Mutualism: - Definition and example. Parasitism: - Definition and types with examples.	08
December	Population: - Definition and basic concepts, Characteristics of population; Density, Natality, Mortality, Dispersion and Age distribution. Population growth. Population regulation. Community: - Definition, basic concept and types. Structure of community; producer, consumers and decomposers. Characters; ecological niche, diversity, abundance, dominance, ecotone, edge effect. Community succession; example of succession and climax	12
January	Ecosystem: - Definition, concept and types. Components of ecosystem, Dynamics of ecosystem: - primary production, secondary production, food chain, food web, tropic level, energy of flow, ecological pyramids. Brief introduction to major ecosystems: - Marine ecosystem, Pond ecosystem, Forest ecosystem and Desert ecosystem	15
	Paper No. XVII C V Semester	
March	Introduction to Economic entamology. Methods of collection and preservation of insect. Type study of grasshopper- systematic position, external morphology, digestive, nervous, reproductive system including development.	12
April	Insect –orders (general characters) Thysanura Collembella Lepidoptera Diptera Coeloptera Hymenoptera	12
May	House hold and Human insect pest:- Bed bugs, Mosquito, Rat Flea, and House fly, Cockroach, Pediculus. Metamorphosis in insect, types of metamorphosis with example	12
June	Insect Culture (gross study) Apiculture, Sericulture and lac culture	08

Vaidya V.V.

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TEACHING PLAN 2021-2022

NAME OF THE FACULTY: DR. VAIDYA V.V. **CLASS: B.Sc. VI Semester**

Months	Topic	Periods
	Paper No. XXI **VI Semester**	
October	Concept of organic evolution: - Definition and concept. Theories of organic evolution in brief; Preformation theory, Bear's Law, Biogenetic law, catastrophism, Lamarckism, Darwinism and Germplasm theory. Origin of Life: - Definition, Abiogenesis, Biogenesis. Chemical evolution of life. Evidences of Organic Evolution: - Anatomical evidences. ¾ Embryological evidences.	12
November	Darwinism: - Introduction: - Natural selection theory, Artificial selection theory and sexual selection theory. Elemental forces of evolution: - Mutation: - Concept and role in evolution. Recombination: - Concept and role in evolution. ¾ Natural selection: - Concept and role in evolution. Isolation: - Concept and role in evolution. Genetic Drift. : - Concept and role in evolution	12
December	Basic patterns of evolution: - Sequential and divergent evolution. Microevolution: - Concept, silent features and mechanism with example. Macro evolution: - Concept, silent features and mechanism with example. Mega evolution: - Concept, silent features and mechanism with example.	12
January	Species and speciation: - Species: - Morphological concept, Genetical concept, biological concept of species, Speciation: - Definition, concept, mechanism of speciation. Allopatric, Sympatric and Parapatric speciation. Fossils: - Definition, fossil formation, Types of fossils.	10
	Paper No. XXII C **VI Semester**	
March	Pest Management pest –Definition, types of pest, agricultural, veterinary and medical pest. Study of major crop pest: - Classification, Characters. Jawar-Stem borer, Midge flies	12
April	Cotton- Red cotton bug, pink bollworm Groundnut-White grub, pod sucking bug Sugarcane- Pyrilla, Stem borer. III Study of Stored grain pests: 08 Rice weevil, pulse bettle	12
May	Control measures of insect pest. Methods of control measures-Chemical, Biological, integrated pest management. V migration of insect.	11
June	Insecticides and plant protection appliances like Hand compression spray, Hand rotating duster, bucket pump	10

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DEPARTMENT OF ZOOLOGY

TEACHING PLAN 2021-2022

NAME OF THE FACULTY: DR. ABDAR R.N. **CLASS: B.Sc. I &II Semester**

Months	Topic	Periods
	Paper No. I **I - Semester**	
October	Introduction to animal kingdom, Definition of Zoology, Outline classification Protozoa, Parazoa, Metazoa and Major Phyla.Protozoa : - General characters Plasmodium vivax: - Structure of sporozoite, Life cycle; pathogenecity, Control, Prevention and Treatment of Malaria. Entamoeba histolytica: Structure, Life cycle and Control. Euglena: Morphology and Reproductive system.	12
November	Porifera : - General characters Sycon (Scypha): - Morphology, Different types of cells in sycon, canal system in Porifera. Coelenterata: - General characters Obelia: - Morphology of Obelia colony, Development of Hydra, Polymorphism in coelenterates.	10
December	Helminths : - General characters Fasciola hepatica: - Structure, Life cycle, Pathogenecity & Control Measures Taenia solium: - Structure of scolex, Mature and gravid proglottids, Life cycle, pathogenecity, and control measures.	12
January	Ascaris lumbricoides: - Structure of male & female, Life cycle, Pathogenecity & control measures. 6. Annelida: - General characters Leech: - Morphology, Digestive, Excretory & Reproductive systems.	11
	Paper No. V **II - Semester**	
March	Arthropoda: - General characters Prawn: - Structure, Digestive, Nervous, & Reproductive systems. Cockroach: External Characters, Digestive, Respiratory and Reproductive systems.	12
April	Mollusca: - General characters Pila: - External Characters, Respiratory, Circulatory, Nervous and Reproductive systems 3. Echinodermata : - General characters	10
May	Asterias (Sea Star): - Morphology of oral & aboral view, Water vascular system, Reproductive system including development. General characters and Classification of Protochordata .Amphioxus: - External features, Digestive, Circulatory	13
June	Reproductive systems including development. Hemichordata: - General characters and affinities Herdmania: - General characters and morphology	10

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DEPARTMENT OF ZOOLOGY

TEACHING PLAN 2021-2022

NAME OF THE FACULTY: DR. ABDAR R.N. **CLASS: B.Sc. III &IV Semester**

Months	Topic	Periods
	Paper No. IX III - Semester	
October	Agnatha: - Out line classification and general characters of cyclostomata. Pisces: - Out line classification and general characters. Scoliodon: - External characters, Digestive system, Respiratory system, Blood Vascular System and Nervous System.	09
November	Amphibia: - Out line classification and general characters. Development of frog: - Fertilization Cleavage Blastula Gastulation and formation of germinal layers. Neotony Parental care in amphibia. Reptilia: - Out line classification and general characters. Calotes:-External features, Respiratory system and Blood vascular system. Poisonous and non- poisonous snakes.	12
December	Aves: - Out line classification and general characters. Columba livia: - External features, Respiratory system, Embryology of chick.-Cleavage Blastula Gastulation and formation of germinal layers and extra embryonic membranes. Flight adaptation in birds. Migration in Birds.	12
January	Mammalia: - Out line classification and general characters. Ratus ratus: - External features, Blood Vascular System, Urino-genital System and Adaptive radiation in mammals. Placentation in Mammals.	12
	Paper No. XIII IV - Semester	
March	Digestion: - Brief Introduction to digestive system. Buccal digestion - salivary secretion and digestion. Gastric digestion - gastric secretion and digestion. Intestinal digestion - Pancreatic secretion, bile juices and digestion in Small intestine, Digestion and absorption in large intestine. Respiration: - Respiratory organs. Breathing mechanism. Respiratory pigments: - Properties and function of respiratory pigments.	12
April	External respiration. Internal respiration. Transport of gases. Circulation: - Working of mammalian heart. Blood and its composition. Mechanism of blood clotting.	09
May	Excretion:-Structure of kidney. Structure of uriniferous tubules.Urine formation: - Ultra filtration selective, re-absorption and tubular secretion. Counter current multiplier system. Nerve Physiology: - Structure of nerve cells and neuron. Neuro transmitters. Synapses: - Ultra structure and function.	12
June	6) Muscles Physiology: - Ultra structure of smooth muscle, striated muscles, and cardiac muscles. Muscle contraction. Simple twitch and fatigue Reproduction: - Structure of gonads, Gametogenesis. Role of sex hormones in Reproduction. Reproductive cycles – oestrous and menstrual cycle	12

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Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2021-2022

Teacher Name – Dr. Aruna M. Kulkarni
Department-Mathematics

Class - B.Sc.-III **Paper** – Ordinary Differential Equations

Sr. No.	Month	Topic/ Practical's to be Completed
1	September 2021	**SEM- V** Complex Numbers Functions, Polynomials, Complex Series and exponential function, Determinants.
2	October 2021	Linear Equations of First Order Differential Equations, Linear equations of First Order. The equation y`+ay = 0, The equation y`+ay= b(x),
3	November 2021	The equation y`+ay = 0, The equation y`+ay= b(x), The general equation of the first order.
4	December 2021	Linear Equations with Constant Coefficients. Introduction, The Second order homogeneous equation, Initial value problems for second order equation.
5	January 2022	Linear Dependence and Independence, A formula for Wronskian, The non-homogeneous equation of order two.
6	February 2022	Examinations

7	March 2022	**SEM- VI** Linear Equations with variable coefficients. Initial value problems for the homogeneous equation, solution of homogeneous equation, The wronskian and linear independence. Reduction of the order of a homogeneous equation, The non-homogeneous equation, homogeneous equation with analytic coefficients. The Legendre equation.
8	April 2022	Linear equations with regular singular points The Euler equation, Second order equations with regular singular points
9	May 2022	Second order equations with regular singular points, The Bessel`s equation.
10	June 2022	Examinations



Dr. Aruna M. Kulkarni.

Shri Amolak Jain Vidya Prasarak Mandal's

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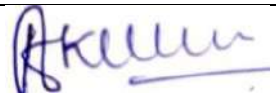
Month Wise Teaching Plan 2021-2022

Teacher Name – Dr. Aruna M. Kulkarni
Department-Mathematics

Class - B.Sc.-I **Paper –** Calculus

Sr. No.	Month	Topic/ Practical's to be Completed
1	September 2021	Ch-1 Prerequisite and Differentiation.
2	October 2021	Ch-2 Successive Differentiation
3	November 2021	Ch-3 Mean Value Theorems.
4	December 2021	Ch-4 Partial Differentiation.
5	January. 2022	Ch-5 Differential Operators.
6	February 2022	Examinations of U.G. start on 08/02/202
7	March 2022	**SEM-II** Integral Transforms. Methods of Integration Integration of Algebraic Rational Functions

8	April 2022	Integration of Trigonometric Functions. Areas of Plane Regions.
9	May 2022	Rectification, Length of Plane Curve. Volumes and Surfaces of Revolution.
10	June 2022	Examinations of U.G. and P.G.



Dr. Aruna M. Kulkarni

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2021-2022

Teacher Name – Dr. Aruna M. Kulkarni
Department-Mathematics

Class - B.Sc.-II **Paper – Mechanics**

Sr. No.	Month	Topic/ Practical's to be Completed
1	September 2021	**SEM-III** Forces Acting on a Particle.
2	October 2021	Equilibrium of Forces Acting on a Particle.
3	November 2021	Equilibrium of Forces Acting on a Particle.
4	December 2021	Forces Acting on Rigid Body.
5	January 2022	Centre of Gravity.
6	February 2022	Examinations started on 08/02/2022

7	March 2022	SEM-IV Kinematics and Dynamics of a Particle in Two Dimensions
8	April 2022	Kinetics of a Particle. Motion of a Projectile and Motion in Resisting Medium.
9	May 2022	 Central Orbits.
10	June 2022	Examinations .



Dr. Aruna Kulkarni

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2021-2022

Teacher Name - Munot D. A., Department – Mathematics

Class – F. Y. Paper – MAT - 102, 202

Sr. No.	Month	Topic/ Practical's to be Completed
1	Sept. 2021	Prerequisites, Introduction to ODE, Equation of first degree
2	Oct. 2021	Linear equation with constant and variable coefficient
3	Nov. 2021	All methods of finding P.I.
4	Dec. 2021	Derivation of PDE, Doubt solving
5	Jan. 2022	The plane, Right Line
6	Feb. 2022	Sphere, Cones
7	March 2022	Cylinder
8	April 2022	Central Conicoids
9	May 2022	Exercise, Examples
10	June 2022	PL

Asst. Prof D. A. Munot

Shri Amolak Jain Vidya Prasarak Mandal's

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Month Wise Teaching Plan 2021-2022

Teacher Name - Munot Dhanashri Anil ,

Department – Mathematics

Class – S. Y Paper – MAT - 301, 401

Sr. No.	Month	Topic/ Practical's to be Completed
1	Sept. 2021	Introduction, Division algorithm, GCD
2	Oct. 2021	Euclidean Algorithm, Diphontine Equation
3	Nov. 2021	Fundamental theorem of Arithmetic, Basic properties of congruence
4	Dec. 2021	Linear congruence, Fermats theorem, Euler's thm
5	Jan. 2022	Number theorotic function, Some properties of function
6	Feb. 2022	Rivision, test, PL
7	March 2022	Interpolation
8	April 2022	Curve fitting and approximations, solution of linear system of equations
9	May 2022	Numerical solution to ODE
10	June 2022	Test, Doubt solving, PL

D A Munot

Asst. Prof D. A. Munot

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2021-2022

Teacher Name - Munot Dhanashri Anil ,

Department – Mathematics

Class – T. Y Paper – MAT - 501, 601

Sr. No.	Month	Topic/ Practical's to be Completed
1	Sept. 2021	Introduction, Sets, Operations on sets
2	Oct. 2021	Functions, Examples
3	Nov. 2021	Sequence of real number, Theorem
4	Dec. 2021	Series of Real numbers, Jacobians, Doubt solving
5	Jan. 2022	Limits in Metric space, Continuous function on metric spaces
6	Feb. 2022	Continuous function on metric spaces
7	March 2022	Connectedness, Completeness
8	April 2022	Compactness, Fourier series
9	May 2022	Calculus, Test
10	June 2022	Doubt solving, PL

D A Munot

Asst. Prof D. A. Munot

Academic Year 2021-22 2020-22

S.K.Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class S.Y.B.Sc. M.Sc Paper ( ) Physical Chem - Theory Analytical Chem

Sr. No.	Month	Topics / Practicals to be Completed
1	September 2021	S.Y.B.Sc Chemical Thermodynamics I Introduction, Systems, Boundary Surroundings, Properties, Thermodynamic functions; Maximum work, Units of work & energy. Derivations for work, 1st Law of Thermodynamics, Concept of Energy, Enthalpy - Sign Conventions, Heat capacity $C_p - C_v = R$ - derivations. Hess's Law, Numericals. Applications M.Sc. I — ERRORS - Types, Classification,
	October	Chemical Thermodynamics II Spontaneity of Proces, Carnot Cycle, Efficiency of Machine, Second Law of Thermodynamics, Carnot's Theorem Work Equation of Carnot Cycle. M.Sc. → Errors, Numericals Chromatography, Intn, Principle, Distribution Coefficient, Partition Coefft. Types of Chromatographic Techniques

Academic year 2021-22 2020-22

S.K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class S.Y.B.Sc. M.Sc Paper ( ) Physical Chem - Theory Analytical Chem

Sr. No.	Month	Topics / Practicals to be Completed
1	September 2021	S.Y. B.Sc Chemical Thermodynamics I Introduction, Systems, Boundary Surroundings, Properties, Thermodynamic Functions; Maximum Work, Units of work & energy. Derivations for work, 1st Laws of Thermodynamics, Concept of Energy, Enthalpy - Sign Conventions, Heat Capacity Cp-Cv=R - derivations. Hess's Law, Numericals; Applications M.Sc. I — ERRORS - Types, Classification,
	October	Chemical Thermodynamics II Spontaneity of Proces, Carnot Cycle, Efficiency of Machine, Second Law of Thermodynamics, Carnot's Theorem Work Equation of Carnot Cycle. M.Sc → Errors, Numericals Intn, Principle, Distribution Coefficient, Partition Coefft. Types of Chromatographic Techniques Chromatography,

S.K.Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class S.Y.B.Sc. Paper( ) Physical Chem Theory / Analytical Chem

Sr. No.	Month	Topics / Practicals to be Completed
	November	Chemical Thermodynamics II Concept of Entropy & Free Energy, Physical Significance of Entropy, Entropy function for Gibbs Free Energy, Spontaneous processes, Criterion of Spontaneity Equilibrium, Gibbs Helmholtz Eq. M.Sc I Paper Chromatography, TLC Coloumn Chromatography.
	December 2022	— Chemical Equilibrium — Introduction Equilibrium Constant Mathematical Expression, Derivation Law of Mass Action, Le-Chatelier Principle — a. for Isothermic Reaction & b. for Endothermic Reactions, Vant Hoff's Isotherm, C-equation — M.Sc — Coloumn Chromatography Partition Chromatography.
	January 2023	— Chemical Equilibrium — Numericals — M.Sc — I Gel Permeation Chromatography / Size Exclusion Chromatography Liquid-Liquid Chromatography — Numerical Problems.

Date Academic Year 2021-22

S.K.Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class S.Y.B.Sc. Paper ( ) Inorganic Chem II / Analytical Chemistry

Sr. No.	Month	Topics / Practicals to be Completed
	February 2023	M.Sc Internal Test, Semester University Exam. M.Sc — NCL & GC.
	March 2023	New Semester Started. S.Y.B.Sc → Phase Equilibrium Degree of freedom, Phase Equilibrium of One Component / Two Component System — Water System, Pb-Ag System, Solid-Liquid Equilibrium, Desilverisation of Pb. M.Sc — Semester Exams
	April 2023	Electrochemistry I; Electrical Transport, Conduction in metals & Electrolytic Solution, Specific Conductance, Equivalent Conductance & its variation with Dilution, Arrhenius Theory Ostwald's Dilution Law, Limitation and mathematical Expression for 'x' degree of dissociation. M.Sc. I — Ultra Violet - Visible Spectroscopy.

Academic Year 2021-22

S.K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class S.Y.B.Sc. Paper ( ) Physical Chem Th. Analytical Chemistry

Sr. No.	Month	Topics / Practicals to be Completed
	May 2022	Electrochemistry II - Kohlrausch's law, Transport number, Conductometric Titrations, Types of Reversible Electrodes, Emf, E°_{cell}, Emf Series, Representation of Cell, Corrosion of Metals, Dry Cells, Wet Cells. M.Sc → UV-Visible Spectroscopy, Thermogravimetry, TGA, DTA
	JUNE 2022	Electrochemistry I & II Numericals based on Cell Emf, Ostwald's Dilution Law, Kohlrausch's Law, T.N, E°_{cell}. M.Sc - DTA, IR Absorption Spectroscopy, Numerical Problems based on Spectroscopy.

Academic Year 2021-22

S.K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class S.Y.B.Sc. Paper (XI) Practicals -

Sr. No.	Month	Topics / Practicals to be Completed
	October 2021	⊙ To determine Critical Solution Temperature of phenol-water system. ⊙ To determine solubility of Benzoic Acid at different temperature & determine H of dissolution process.
	November 2022	⊙ To determine heat of neutralisation ΔH_n of NaOH & HCl. ⊙ To determine ΔH_n of NaOH & CH_3COOH.
	December 2002 -	⊙ Partition Coefficient of Benzene water system using Benzoic Acid. ⊙ To determine Equilibrium Constant for the reaction $KI + I_2 \rightarrow KI_3$. ⊙ To determine the molecular mass of a polymer from Viscometeric measurements

2021-22

S.K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class... S.Y.B.Sc. Paper (VII) ..... Practicals Physical Chemistry

Sr. No.	Month	Topics / Practicals to be Completed
	January 2022	① To Investigate Kinetics of Iodination of Acetone ② To determine indicator constant colorimetrically ③ To determine Refractive Index of Ethanol-water system.
	April 2022	④ To determine Normality and strength of HCl using (0.1N) NaOH solution conductometrically.
	JUNE 2022	⑤ To determine Normality & strength of acetic acid using 0.1 N. NaOH solution conductometrically. ⑥ To determine Normality & Strength of HCl using 0.1 N NaOH solution pH-metrically

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada.

Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2021-2022

Teacher Name – Asst. Prof. Katariya A. P.
Department - Chemistry
Class - M. Sc. I & II
Paper – CHEO-314 (Organic Synthesis)
CHEO-417 (Retrosynthesis Approach)
CHE – 211 (Lab Course Organic)

Sr. No.	Month	Topic/ Practical's to be Completed
1	Sept. 2021	**#Oxidation** • Oxidation of alcohol to aldehyde, ketone or acid: Jones reagent, Swern oxidation, Collins reagent, Fetizones reagent, PCC, PDC, PFC, IBX, Activated MnO2, Chromyl chloride (Etard reaction), TEMPO, CAN, NMO, Moffatt oxidation • Oxidative cleavage of Carbon-Carbon double bonds: KMnO4, Ozonolysis. • Allylic Oxidation: SeO , PhSeBr. (d) Selective cleavages at functional groups: Cleavage of glycols, $Pb(OAc)_4$. **#Research Guidance to students for their Project Work** **#Binary Mixture Separation and its analysis**
2	Oct. 2021	**#Reductions** • Catalytic Hydrogenation. • Reduction of nitriles, oximes and nitro compounds. • Reduction of acids and Esters. • Reduction with metal hydride- Sodium cyanoborohydride, Diborane, LiBH4, DIBAL-H. • Reduction by dissolving metals- Sodium-alcohol, Sodium-Liq. Ammonia, Mg, Zinc-HCl or Acetic acid, Sn/Fe-HCl. • Reduction of aldehyde and ketones- Platinum, Raney nickel, NaBH4, $LiBH_4$. • Birch reduction and related reactions, Luche reagent, Wolf-Kishner reduction, Clemenson reduction, Wilkinson catalyst, TBTH.

		#Research Guidance to students for their Project Work **#Binary Mixture Separation and its analysis**
3	Nov.2021	**#Organic Reagents** Gilbert, DCC, EDC, DDQ, 1,3 Dithiane, LDA, DMDO, OSO_4, RuO_4, SmI_2, Dess-Martin, Periodinane, Borane Complexes, Diazomethane, Lawesson's reagent. **#Research Guidance to students for their Project Work** **#Binary Mixture Separation and its analysis**
4	Dec. 2021	**#Reaction Intermediates** • Ylides: Preparation and their synthetic applications along with their stereochemical aspects of Phosphorous, Sulphur and Nitrogen ylides. • Enamines: Generation & application in organic synthesis with mechanistic pathways, stork enamine reaction. • Enolates: Generation & reaction of enolates with aldehydes and ketones, Robinson annulations, Reformatsky reaction. **#Formation of Carbon-Carbon bonds via organometallic reagents Synthesis and its applications** Organo Lithium, Magnesium, Titanium, Cerium, Copper, Chromium, Zinc, Boron, Silicon, Cadmium, and Rhodium. **#Research Guidance to students for their Project Work** **#Binary Mixture Separation and its analysis**
6	Jan. 2022	**#Disconnection Approach** Introduction to: • Grounding of organic chemistry for understanding retrosynthesis. • Retrosynthetic analysis and designing of the synthesis. **#Research Guidance to students for their Project Work** **#Binary Mixture Separation and its analysis**
7	May 2022	**#Disconnection Approach** • Disconnection approach: An introduction to synthons, synthetic equivalents, disconnection approach, functional group interconversions, importance of order of events in organic synthesis, one and two group C-X disconnections, selective organic transformations: chemo selectivity, regioselectivity, stereoselectivity, enantioselectivity, Reversal of polarity, cyclization reactions, amine synthesis. **Protecting Groups**

		• Protection and deprotection of hydroxyl, carbonyls in aldehydes and ketones, amines, carboxylic acids, alkenes and alkynes. **#Research Guidance to students for their Project Work** **#Single Stage Preparation**
8	June 2021	**#C-C Disconnections** • One group C-C Disconnections. • Two group C-C Disconnections. • Ring Synthesis. **#Complex molecules** Synthetic routes based on retrosynthetic analysis for the following molecules: Longifoline, Reserpine, Juvabione, Amphidicoline, Taxol. **#Research Guidance to students for their Project Work** **#Single Stage Preparation**

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada.

Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2021-2022

Teacher Name – Asst. Prof. Katariya A. P.

Department - Chemistry

Class - F. Y. B. Sc.

Paper – II (Organic Chemistry) & IV (Physical Chemistry)

Paper-III + VI (Lab Course I & II)

Sr. No.	Month	Topic/ Practical's to be Completed
1	Sept 2021	***Organic Chemistry (Paper II)*** **Structure and Bonding:** Localized and delocalized chemical bond; charge transfer complexes, resonance, hyperconjugation, inductive effect, hydrogen bonding, conjugative effect, steric effect. **Mechanism of Organic Reactions:** Homolytic and heterolytic bond breaking, Types of reagents electrophiles and nucleophiles, Types of organic reactions. ***Lab Course I*** **Volumetric Analysis:** • Preparation of 0.1N. NaOH solution and its standardization by given oxalic acid solution. • Preparation of 0.1 N oxalic acid solution and its standardization by given $KMNO_4$ solution.
2	Oct. 2021	***Organic Chemistry (Paper II)*** **Mechanism of Organic Reactions:** Energy considerations, Reactive intermediates - carbocations, carbanions, free radicals **Stereochemistry of Organic Compounds** Concept of Isomerism - Types of isomerism Optical Isomerism - elements of symmetry, molecular chirality, enantiomers, stereogenic center, optical activity, properties of enantiomers, chiral and achiral molecules with two stereogenic centers, diastereomers, threo and erythro diastereomers, meso compounds.

		Lab Course I
		Inorganic Qualitative Analysis:
		Identification of two acid and two basic radicals from the given binary mixture.
		Organic Chemistry (Paper II)
		Stereochemistry of Organic Compounds
		Relative and absolute configuration, sequence rules, D and L and R and S systems of nomenclature. Geometric Isomerism - Determination of configuration of geometric isomers. E and Z system of nomenclature, geometric isomerism in oximes and alicyclic compounds.
		Alkanes:
3	Nov. 2021	Methods of formation (Koble reaction, Corey - House reaction and decarboxylation of carboxylic acids) Physical properties and Chemical reactions of alkanes Chlorination, Nitration, Sulphonation, Catalytic oxidation.
		Lab Course I
		Physical Chemistry Practical
		• Eudiometer: Determination of Equivalent
		• Viscometer: To Determine the viscosity of given liquid (Water / Ethanol) by viscometer.
		• Staglanometer: To determine the surface tension of a given liquid.
4	Dec. 2021	***Organic Chemistry (Paper II)***
		Alkenes:
		Nomenclature of alkenes, methods of formation, mechanisms of dehydration of alcohols and dehydrohalogenation of alkyl halides. The Saytzeff rule, Hofmann elimination, physical properties and relative stabilities of alkenes. Chemical reactions of alkenes - mechanisms involved in hydrogenation, electrophilic and free radical additions, Markownikoff's rule, hydroboration, and oxidation with $KMnO_4$. Polymerization of alkenes.
		Arenes and Aromaticity:
		Nomenclature of benzene derivatives. The aryl group. Aromatic nucleus and side chain structure of benzene: molecular formula and Kekule structure. Resonance Structure, MO Picture, Aromaticity: The Huckel rule, aromatic ions, Aromatic electrophilic substitution: Nitration, halogenations and Sulphonation and Friedel Crafts reaction.
		Alkyl and Aryl halides:
		Polyhalogen Compounds: Chloroform, Carbon tetrachloride. Methods -

		Formation of aryl halides, nuclear and side chain reaction. ***Lab Course I*** **Physical Chemistry Practical** • Chemical Kinetics • Colorimeter
6	Jan 2022	***Physical Chemistry (P-IV)*** **Mathematical Concepts:** Logarithmic relations, curve sketching, linear graphs and calculation of slopes, differentiation of functions like k^x, e^x, x^n, sin x, log x; maxima and minima, partial differentiation. **Gaseous States:** Postulates of kinetic theory of gases, kinetic gas equation, Deduction of Gas Laws: Boyles Law, Charles Law, Grahams Law of diffusion, Avogadro's hypothesis, deviation from ideal behavior, van der Waals equation of state. Critical Phenomena: PV isotherms of real gases. ***Lab Course II*** **Organic Qualitative Analysis:** Nature, Functional group, Element, Derivative, Physical constant.
7	Feb.2022	***Physical Chemistry (P-IV)*** **Chemicals Kinetics and Catalysis:** Chemical Kinetics and its scope, rate of reaction, factors influencing the rate of reaction - concentration, temperature, pressure, solvent, light, catalyst concentration dependence of rates. Derivation of rate law and characteristics of simple chemical reactions - zero order, first order, second order, Pseudo order, half-life. Effect of temperature on rate of reaction. Arrhenius equation, concept of activation energy. **Catalysis:** Definition, types, and characteristics of catalysis, homogeneous, heterogeneous catalysis - Enzyme catalysis and its application. ***Lab Course II*** **Organic Qualitative Analysis:** Nature, Functional group, Element, Derivative, Physical constant
8	Mar. 2022	***Physical Chemistry (P-IV)*** **Liquid State:** Intermolecular forces, structure of liquids (a qualitative description). Differnce between solids, liquids and gases, Liquid Crystals: Classification,

		structure of nematic and cholestric phases. **Solid State:** Types of solids, Amorphous, crystalline and difference between them, Miller Indices, Laws of crystallography - (i) Law of constancy of interfacial angels (ii) Law of rationality of indices (iii) Law of symmetry. Symmetry elements in crystals. X-ray diffraction by crystals. Derivation of Bragg equation. ***Lab Course II*** **Organic Estimation:** • Phenol by Bromination • Estimation of basicity, molecular weight of organic acid
9	April .2022	***Physical Chemistry (P-IV)*** **Colloidal State:** Definition of colloids, classification of colloids, Solids in liquids (sols): properties - kinetic, optical and electrical; stability of colloids, protective action. Hardy - Schulze Law, Liquids in liquids (emulsions): types of emulsions, preparation, Liquids in Solids (gels) : classification, preparation, and properties, general applications of colloids.

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2021-2022

Teacher Name –Mr.Jagadale.S.M. Department - Chemistry

Class – T.Y.B.Sc. Paper –Organic Chemistry. XIV&XVII, XV&XVIII.

Sr. No.	Month	Topic/ Practical's to be Completed
1	Sept 2021	Spectroscopy Nuclear magnetic resonance (NMR) spectroscopy. Proton magnetic resonance (1H NMR) spectroscopy, nuclear shielding and deshielding, chemical shift and molecular structure, spin-spin splitting and coupling constants, areas of signals, interpretation of PMR spectra of simple organic molecules such as ethyl bromide, ethanol, acetaldehyde, 1, 2, 2 tribromoethane, ethyl acetate, toluene and Acetophenone. Separation and Identification of both components i) Benzoic Acid + β-naphthol ii) Salicylic Acid + P- nitro aniline Inorganic Qualitative Analysis (Semi-Micro Analysis)
2	Oct. 2021	Problems pertaining to the structure elucidation of simple organic compounds using UV, IR and PMR spectroscopic techniques. (Combine and single λ max using woodwordfischer rule) Organometallic Compounds Organomagnesium - compounds: Alkyl Magnesium halides-ethyl magnesium bromide formation, structure and chemical reactions. Organozinc compounddialkyl zinc formation and chemical reactions,. iii) β-naphthol + Acetanilide iv) m-nitroaniline + Naphthalene Separation of calcium and Barium and estimation of Ca-volumetrically . Separation of Cu and Ni from binary mixture solution and estimation of Cu-volumetrically .
3	Nov. 2021	Organolithium compound- nbutyllithium formation and chemical reactions Organic Synthesis via Enolates Defination, Active methylene compounds, Preparation of Aceto acetic ester,(Claisen condensation with Mechanism), Acidity of alpha hydrogen, properties and reactions involving formation of mono, di and unsaturated carboxylic acids,also synthesis of ketone, di ketone, 4-methyl uracil from acetoacetic ester v) α-naphthol + O-nitroaniline vi) Cinnamic Acid + Naphthalene Estimation of oxalic acid and H2SO4 in a given mixture Solution using NaOH and KMnO4 solution. Estimation of Fe by potassium dichromate using diphenyl

		ammine indicator. . Estimation of available chlorine in the given sample of bleaching powder.
4	Dec. 2021	Ketoenol tautomerism. Preparation of diethyl malonate, properties and reactions involved in alkylation, formation of mono, di and unsaturated carboxylic acids, and also synthesis of aminoacid and barbituric acids from diethyl malonate. vii) Salicylic Acid + Naphthalene viii) β-naphthol + m-dinitrobenzene Separation of calcium and Barium and estimation of Ba-gravimetically.
5	Jan .2022	Fats, oils and detergents Natural fats, edible and industrial oils of vegetable origin, manufacture of soyabean oil by solvent extraction method and isolation and uses of essential oils. Types of animals fats and oils and defination of saponification value, iodine value, and acid value. Detergents: Defination, Introduction and preparation of sodium alkyl sulphonate, alkyl benzene sulphonate, and amide sulphonate, (one example each), Cleansing action of detergent ix) Cinnamic Acid + P- nitro aniline x) Salicylic Acid + β-naphthol Separation of Cu and Ni from binary mixture solution and estimation of Ni-gravimetrically
6	March 2022	Heterocyclic Compounds Introduction: Molecular orbital picture and aromatic characteristics of pyrrole, furan, thiophene and pyridine, Methods of synthesis and chemical reactions with particular emphasis on the mechanism of electrophilic substitution. Mechanism of nucleophilic substitution reactions in pyridine. Comparison of basicity of pyridine, piperidine and pyrrole. Condensed Heterocyles: Introduction, Preparation of Quinoline (Skraups Synthesis), Isoquinoline (Bischler - Napirlaski) and Indole (Fischer indole Synthesis). Organic Estimation i) Estimation of Carbonyl group by hydrazone formation method ii) Estimation of vitamin C in commercial soft drink / Glucon D Determine the Strength of HCl and CH3COOH in a given mixture by titrating against strong base conductometrically. Determine the strength of oxalic acid conductometrically using sodium hydroxide solution.
7	April 2022	Carbohydrates Defination, Introduction and Classification. Monsaccharides-Interconversion of Glucose and Fructose, chain lengthening, chain shortening of aldoses. Conversion of Glucose in to mannose. Determination of openchain structure of glucose & pyranose ring structure of glucose . Mechanism of Mutarotation and Introduction to disaccharides (maltose, sucrose and lactose) and Polysaccharides (Starch and cellulose) without involving structure determination. iii) Estimation of ascorbic acid iv) Estimation of Saponification value of oil To determine empirical formula of ferric -5-sulphosalicylate

		Determine the amount of Fe2+ in the given solution potentiometrically
8	May 2022	Synthetic Polymers Introduction, Classification based on nature of synthesis (without mechanism) with examples. (Addition and condensation polymers). Properties, uses and synthesis of polyvinyl chloride, polyvinyl acetate, polystyrene, polyacrylonitrile, Nylon 6, Nylon 66. Introduction to synthetic and natural rubber, properties, uses and synthesis of Buna N., Neoprene and silicon rubber Organic Preparation and its purity by TLC i) Preparation of Hydrazobenzene from azobenzene. ii) Preparation of Phthalic anhydride from phthalic acid. iii) Preparation of 2, 4 dinitrophenyl hydrazone of acetone To determine the refractive indices of series of salt solutions and to find out concentration of the salt in given unknown solution. To determine the interfacial tension between two immiscible liquids
9	June 2022	Synthetic Dyes and Drugs Synthetic Dyes - Definition, colour and constitution (electronic concept) of dye, classification based on chemical constitution, synthesis of methyl orange, Congo red, malachite green, crystal violet, Alizarin and indigo dyes. Synthetic Drugs - Defination, introduction, classification of drugs. Properties of ideal drug. Synthesis of chloromycetien,paracetamol,phenacetien, sulphaguainidine iv) To prepare picrate of Naphthalene. v) To prepare picrate of Anthracene. Vi) preparation of p – bromo acetanilide from acetanilide To study the effect of addition of an electrolyte NaCl / KCl on the solubility of benzoic acid at room temperature. To determine the standard free energy change $\Delta G0$ and equilibrium constant for the reaction. $Cu + 2\ Ag+ = Cu+2 + 2\ Ag$

Jagadale S.M.

Shri Amolak Jain Vidya Prasarak Mandal's



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Department of Computer Science

Teaching Plan
2021-22
Sem-I

Class: **F.Y. B.Sc. (Com. Sci.)**

Paper : **Computer Fundamentals**

Sr. No.	Month	Topics
1	September	**Introduction.** Characteristics & features of Computers. Components of Computers. Organization of Computer. **Data Representation** Introduction to Number System Decimal Number System Binary Number System Hexadecimal Number System Conversion within Numbers Systems Arithmetic Operation on Binary and Hexadecimal Numbers Normalized Floating point Number Representation of Character in Computers Representation of Integer Numbers Representation of Fraction Numbers Hexadecimal Representation of Number
2	October	**Algorithm and Flowcharts** Algorithm Definition Characteristics Advantages and disadvantages Examples Flowchart Definition

		Define symbols of flowchart Advantages and disadvantages Examples
3	November	**Computer Generation & Classification** Generation of Computers : First to Fifth Classification of Computers Distributed & Parallel computers Computer Languages Types of Programming Languages Machine Languages Assembly Languages High Level Languages Assembler, Linker, Loader, Interpreter & Compiler
4	December	**Computer Memory** Memory Cell & Organization 2/4 Types of Memory (Primary And Secondary) RAM ROM PROM EPROM Secondary Storage Devices (FD, CD, HD, Pen drive, DVD, Tape Drive, DAT) **I/O Devices** Input Devices : Touch screen , OMR, OBR , OCR, Light pen □Output Devices : Scanners, Digitizers, Plotters, LCD Plasma Display, Printers
5	January	**Processor** Structure of Instruction Description of Processor Processor Features RISC & CISC **Operating system Concepts** Why Operating System Functions of Operating System Types of Operating System Batch O.S. Multiprogramming O.S. Time Sharing O.S Personal Computers O.S. Network O.S.

Class: F.Y. B.Sc. (Com. Sci.) Paper : **Digital Electronics**

Sr. No.	Month	Topics
1	September	Number Systems and Arithmetic Decimal Number System & Binary Number System Decimal to Binary conversion(Double-dabble method only) Binary to Decimal Conversion Binary Arithmetic : Binary addition, subtraction, multiplication & division Hexadecimal number system , Hexadecimal to binary, binary to Hexadecimal, Hexadecimal to decimal conversion Hexadecimal arithmetic: Addition, subtraction, multiplication & division Binary subtraction using 1' complement, 2's complement method
2	October	**Boolean Algebra and Logic Gates** Postulates of Boolean Algebra Theorems of Boolean Algebra: Complementation , commutative, AND, OR, Associative,Distributive,Absorption laws , De morgan's theorems Reducing Boolean expressions Logic Gates : AND, OR, NOT, Ex-OR, Ex-NOR NAND as Universal building block Logic diagrams of Boolean expressions Boolean expressions for logic diagrams
3	November	**Minimization Techniques** Introduction , Minterms and Maxterms K-Map, K-map for 2 variables K-map for 3 variables K-map for 4 variables 4 Combinational and Arithmetic Logic Circuits Half Adder & Full Adder Binary parallel Adder Half Subtractor, Full Subtractor Adder/Subtractor in 2's complement system BCD to Decimal decoder 2 : 4 demultiplexer 4 line to 1 line multiplexer **Flip Flops** Introduction : RS FF Clocked RS FF, D FF Triggering, preset and clear JK FF , T FF , Race around condition

		Master slave FF
4	December	**Counters** Introduction : Asynchronous/ ripple counter Modulus Counter , MOD-12 counter Synchronous counter : Synchronous serial & synch parallel counter BCD counter Ring counter Johnson counter
5	January	**Shift Registers** Introduction, Buffer register Serial- in serial -out Serial-in parallel-out Parallel-in serial-out, parallel-in parallel-out

Class: S.Y. B.Sc. (Com. Sci.) Paper : **Advance C Programming**

Sr. No.	Month	Topics
1	September	**Functions** Introduction, types of functions, Defining functions, Arguments, functions prototypes ,actual parameters and formal parameters, calling functions, returning function result, Call by Value, Recursion
2	October	**Structures and Unions** Structure: introductions, declarations and initializing structure, accessing structure members, nested structure, array of structure, typedef statement Union declaration, difference between structures and union **Pointer** Introductions, memory organization. declarations initializations of pointer. The pointer operator * and & De-referencing, pointer expression pointer arithmetic pointer to pointer.
3	November	**Storage Class Library Functions:** Storage classes, scope, visibility at the lifetime of variable, block and file scope auto, extern, static and register storage classes String handling function strcpy(), strcmp(), strcat(), strlen(), strupr(), strlwr(), gets(),puts() **Data conversion function from stdlib.h** atoi(), atol(), atof(),itoa(),Itoa(),random(),calloc(), malloc().exit.abs().toupper().tolower()
4	December	**Preprocessor directive** file inclusion and conditional compiler directives, macro substitutions define #define, #if, #ifdef, #else, #elif, #endif **File handling** Introduction, opening and closing, file input output operations on file, text and binary file, getc(), putc() function. File copy program, fprintf() and fscanf(). fread() and fwrite() function . Writing and reading records from binary Files, appending, modifying and deleting record from file. Random Access function fseek(), rewind() flushall(), remove(), rename().
5	January	**Command line arguments:** use of argc and argv **Graphics in C:** Introduction : initgraph() and detectgraph() function , drawing object in C , Line Circle, rectangle, Ellipse, Changing foreground & background colors filling object by color , outtextlx() function

Class: S.Y. B.Sc. (Com. Sci.)

Paper : **Data Structures**

Sr. No.	Month	Topics
1	September	**Introductions to Data Structures:** Introduction, Basic Terminology : Data item, Fields, Record, Files, Entity, Attributes Data organization and data structure
2	October	**Array** Representations of Linear array, Traversing, Insertion and Deletion, Sorting and Searching Algorithms, Multidimensional array 2D & M-D Concepts, Record: Record Structure, Representation in memory
3	November	**Linked list** Concept of Linked list, Representations of linked list in memory, Traversing a link list, Searching linked list: sorted and unsorted, Insertion & Deletion in Linked List Header linked list Two way list
4	December	**Stack Queues, Recursion** Stack operation, Array Representation of stack, linked representation of stack, Arithmetic Expression, POLISH & POSTFIX, Application of stacks:
5	January	**Quicksort, Recursion** Queue: Representation of queue and link, type of queue: Deques &Priority Queue Priority Queue

Class: T.Y. B.Sc. (Com. Sci.) Paper : **Software Engineering**

Sr. No.	Month	Topics
1	September	**Software and Software Engineering** What is Software, Characteristics of software, categories of Software, attributes of WebApps, software Engineering, Software Process, Essence Software Engineering Practice, General Principles, Software Myths
2	October	**Software Process and Process Models** Software process Model Process Flow, Process Models, Waterfall model, Incremental Process Model, Evolutionary Process Models. Concurrent Models, Specialized Process Models, The Unified Process, Personal and Team Process Models, Product and Process
3	November	**Agile** Introduction to Agility, Agility and the Cost of Change, Agile Process, Agility Principles, Human Factors, Extreme Programming (XP), XP Values, XP Process, Industrial, Critics of XP
4	December	**Principles That Guide Practice** Principles That Guide Process, Principles That Guide Practice, Communication Principles, Planning Principles.
5	January	Modeling Principles, Construction Principles, Deployment Principles

Class: T.Y. B.Sc. (Com. Sci.) Paper : **Web Designing**

Sr. No.	Month	Topics
1	September	**Introducing HTML5** Understanding HTML, XHTML, and HTML5, Introducing semantic markup, Syntax, Attributes, Working with elements, Creating an HTML document Embedding content, Embedding HTML by using inline frames, Working with hyperlinks, Adding images to your HTML document, Embedding plug-in content.
2	October	**Advances of HTML5** HTML5 Layout container Format using element Working with Tables: creating regular and irregular tables, heading, columns and rows, captions, header, footer. **Introducing JavaScript** Basic of JavaScript JavaScript Variables, Operators & Its Precedence, Special Values, Predefined Built-Infunctions, Functions Declaration & Call String Functions Conditions and looping structure, Inline JavaScript & External JavaScript
3	November	**Advances in JavaScript** Object in JavaScript, Concept of array, how to use it in JavaScript, types of an array, array methods DOM Concept in JavaScript, DOM Objects, DOM Search Methods Event handling in JavaScript: Capturing & Bubbling, Subscribing, Unsubscribing and Cancelling Event, Windows Event, Keyboard and Mouse Events.
4	December	**Cascading Style Sheet** Introduction to CSS3 Defining and Applying a Style, Inline, Embedded and External Style Sheet. Selectors: element, id and class selector
5	January	grouping selector, attribute, Specificity and cascading CSS properties: Color, box Model, border, padding, margin, float, clear

Sem-II

Class: F.Y. B.Sc. (Com. Sci.) Paper : **Operating Systems**

Sr. No.	Month	Topics
1	March	**Introduction to Software** □Software: Definition, classification and components of software, operating system as the main component of system software;
2	April	**Operating System Fundamental** □Operating Systems: OS as a resource manager, Structure of OS, Evolution of OS, OS functions, Characteristics of modern. □Types of O.S.: Early systems, simple batch systems, multi programmed batch systems, Time sharing system, Personal Computer systems, Parallel systems, Distributed systems, Real time systems □OS Structures: Components of OS: Process management, Memory management, Storage management, File management. I/O management.
3	May	**Process Management** Concept of Process: Process State, Operation on Processes, thread. CPU Scheduling : Types of Schedulers, Criteria for scheduling, Scheduling Algorithms. Process Synchronization: Need for synchronization, Critical Section, Hardware Synchronization, Semaphores, Monitors, Problem of synchronization. Deadlocks: Concept of Deadlock, Deadlock Modeling. Methods for Handling Deadlock
4	June	**Storage Management** □Memory Management: Address Binding, Logical Vs. Physical Address space, Memory Allocation, Paging, Segmentation, Segmentation and paging of Intel Pentium. Virtual Memory: Demand Paging, Page replacement Algorithms (FIFO, Optimal, LRU), Virtual Memory in Windows Xp. File System Interface: Files, File Access, Directory Structure, Protection Implementation of File System: Allocation Methods, Free space Management **I/O System** I/O System Components : I/O Devices , I/O Hardware , Application I/O interface Secondary Storage Structure : Disk fundamental, Disk Scheduling , Disk Management

Class: F.Y. B.Sc. (Com. Sci.) **Paper: Programming in C**

Sr. No.	Month	Topics
1	March	**Introduction** An Overview of C , History of C language, C as a Structured Language, Features of C. **Basic Elements & Operators** Character set, C Token, Identifier & Keywords, Variables Constant and its types. Integer constant, floating point constant, character constant, string constants. Operators: Arithmetic, Relational, Logical, Unary operators: Increment & decrement Assignment and Conditional operator. Precedence & Associatively of Operators
2	April	**Data Types** Data Types: int, char, float, double. Declaration & Initialization. Type modifiers: long, short, signed and unsigned **C Program & I/O statements** Structure of C Program, Compilation & Execution of C program I/O: Introduction, Formatted Input/Output function: scanf & printf, Escape sequence characters. Library functions: General used &Mathematical.
3	May	**Control and Iterative Statements :** Simple if, nested if, if-else, else if ladder Switch-case statement The conditional expression (? : operator) while and do-while loop, and for loop break & continue statement, go to statement
4	June	**Arrays** Introduction, Declaration and initialization Accessing array elements, Memory representation of array. One dimension and multidimensional arrays, character array, Introduction to string **Functions** Introduction, types of functions. Defining functions, Arguments, Function prototype, actual parameters and formal parameters, Calling function, Returning function results, Call by value, Recursion

Class: S.Y. B.Sc. (Com. Sci.) Paper: Programming in CPP

Sr. No.	Month	Topics
1	March	**Introduction of OOPS** Procedural Vs object oriented programming, Basic concepts of object oriented programming, class ,object, Data Abstraction, Encapsulation , Inheritance, Polymorphism, Dynamic Binding , Message passing, benefits and application of OOP, History and overview of C++, C++ program structure , reference variable , scope resolution operator , Member de-referencing operator, new and delete, cin and cout , The endl and setw manipulator
2	April	**Function in C++** Function prototype , call by reference (using reference variable) return by reference, inline function, default arguments, const arguments.
3	May	**Object and classes:** Specifying a class, private and public, define member function, nesting of member function, Object as data types, Memory allocation for objects, static data member and member function . array of objects as function arguments returning object, friend function and its characteristics.
4	June	**Constructor and Destructor** Introduction, default and parameterized constructor, multiple constructor in a class, copy constructor , destructor Operator overloading Overloading unary operator, rules for operator overloading, overloading without friend function and using friend function, overloading binary operators such as arithmetic and relational operators, concatenating string, comparison operators.

Class: S.Y. B.Sc. (Com. Sci.) Paper: **Database Management System Using SQL**

Sr. No.	Month	Topics
1	March	**Basic concept** Data Definitions, Types of Data, Records and Files File based systems and Processing Database System Applications, Purpose of Database systems Abstractions and data Integration Three level architectures proposal for DBMS. Component of DBMS users, Facilities and structure. Advantages and Disadvantages of DBMS.
2	April	**Data Modelling and Design** Data associations entities, Attributes & Associations, Relationships among Entities, Representations Mapping Cardinality, Enitty-Relationship : Binary & Ternary, Representation Mapping Cardinality, Entity – Relationships Design Issues
3	May	**Relational Data Model** Basic structure of Relational Data model, Database Schema Constraints : Integrity Rule 1 & 2 Normal form : Anomalies, Functional dependency, Dependency diagram, first normal form, second normal form , third normal form conversion from universal to 1NF, 1NF to 2NF and 2NF to 3NF.
4	June	**Relational algebra** Basic operations- union, intersections, difference and Cartesian product advance operations- projection, selections, join (inner and outer) Division Example based on above Operation, Relation algebraic queries **Introduction to Oracle** Oracle software: Versions of Oracle, Product of Oracle, Tools of Oracle SQL:SQL logging to SQL/ iSQ, SQL plus worksheet

Class: T.Y. B.Sc. (Com. Sci.) Paper: **Data communication and Networking**

Sr. No.	Month	Topics
1	March	**Introduction Communication System** Components of communication system, Computer network Advantage and applications of computer n/w. point-to-point and multipoint line configuration, LAN, MAN and WAN. Analog and Digital signals, Data Transmission: Parallel and Serial, Synchronous and Asynchronous transmission, Transmission Mode: Simplex, half-duplex and full-duplex.
2	April	**Network Topologies** Mesh, Star, Tree, Bus and Ring and Hybrid Topology (Advantages and disadvantages of each
3	May	**Transmission media** Guided and unguided media, Twisted-pair, UTP and STP cable, coaxial cable, Optical Fiber cable, Radio waves, Microwaves, Satellite Communication (Transmission characteristics and advantages of each type) **Modulation & Multiplexing** Concept of modulation and demodulation, Digital-to-analog conversion, Amplitude Shift Keying (ASK)/AM, Frequency Shift Keying (FSK)/FM, Phase Shift keying (PSK)/PM
4	June	**The Mobile Telephone System** First Generation(1G), Second Generation(2G), Third Generation(3G), Internet over cable, Spectrum Allocation, cable Modem, ADSL Versus Cable

Class: T.Y. B.Sc. (Com. Sci.) Paper : **Ethics and cyber Law**

Sr. No.	Month	Topics
1	March	Basic Concepts of Technology and Law, Understanding the Technology of Internet, Scope of Cyber Laws, Cyber Jurisprudence. Law of Digital Contracts The Essence of Digital Contracts.
2	April	The System of Digital Signatures. The Role and Function of Certifying Authorities. The Science of Cryptography, E-Governance, Cyber Crimes and Cyber Laws. Introduction to Intellectual Property
3	May	Information Technology Act 2000 Cyber Law Issues in E-Business Management. Major issues in Cyber Evidence Management.
4	June	Cyber Law Compliancy Audit, The Ethics of Computer Security. Relevant Rules Notifications, Information Technology (Amendment) Act, 2008.

(Hase S.R.)

Head of Department

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Monthwise Teaching Plan 2021-2022

Name of Faculty: - Mr. Gawali N. T. **Department - English**

Class: -F.Y.B.A. (B) **Paper:- A Course in Communicative English-I&II**

Sr. No.	Month	Topic/ Practical's to be Completed
1	Sept 2021	**SEM-I I. Prose** 1. The Essence of Democracy- Dr. B. R. Ambedkar 2. Orpheus and Eurydice- William Byron Forbush
2	Oct. 2021	3. A Tribute to the Buddha- Maharaja Sayajirao Gaekwad 4. Facebook is Making us Miserable- Daniel Gulati 5. Sir Isaac Newton- Nathaniel Hawthorne
3	Nov 2021	**II. Poetry** 1. A Prayer for My Daughter- W. B. Yeats 2. A Psalm of Life- H. W. Longfellow
4	Dec. 2021	3. The Bus- Arun Kolatkar 4. Let Me Not to the Marriage of True Minds- William Shakespeare 5. Night of the Scorpion- Nissim Ezekiel **III. Grammar** 1. The Clause Elements (S, V, O, C, A)
5	Jan 2022	2. The Articles and Prepositions: Kinds and Usage 3. The Tenses: Kinds and Usage 4. Marathi Alternatives to English Words **IV. Writing Skill** 1. Email Writing
6	Feb 2022	2. Job Application with CV 3. News and Report Writing 4. Self-Introduction
7	March 2022	**SEM-II I. Prose** 1. India's Message to the World- Swami Vivekananda 2. Are the Rich Happy? - Stephen Leacock 3.I Have a Dream- Martin Luther King Jr.
8	April 2022	4.Going Public: A Man of Wealth and Fame- Walter Isaacson 5.Gold from the Grave- Anna Bhau Sathe **II. Poetry:** 1.Stopping by Woods on a Snowy Evening- Robert Frost 2.Poem of Serpents- Loknath Yashwant 3.Strange Meeting- Wilfred Owen 4.The Ballad of the Landlord- Langston Hughes
9	May 2022	5.The Tiger and the Deer- Sri Aurobindo **III. Grammar:** 1.Basic SentenceTypes:Declarative,Interrogative,Imperative, Exclamative 2.Affixation and Word Formation 3.Phrases and Idioms 4.Antonyms and Synonyms 5.Translation Skill (Marathi to English and vice versa)
10	June 2022	**IV. Writing Skill** 1.Dialogue Writing 2.Blog Writing 3.Descriptive and Narrative Paragraphs 4.Preparing an Advertisement

Shri Amolak Jain Vidya Prasarak Mandal's

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Month Wise Teaching Plan 2021-2022

Name of Faculty: - Mr. Gawali N. T. **Department** - English

Class: -S.Y.B.Sc. **Paper:-** Learning Language Skills-III&IV

Sr. No.	Month	Topic/ Practical's to be Completed
1	Sept 2021	**Sem-III** UNIT ONE: PROSE 1) The Importance of English-Mulk Raj Anand 2) How to Make a Speech-Edgar I. Baker 3) The Night Train at Deoli-Ruskin Bond
2	Oct. 2021	4) The Conjuror's Revenge-Stephen Leacock 5) The Luncheon-W.Somerset Maugham UNIT TWO: POETRY 1) First Love-John Clare 2) All the World's a Stage-William Shakespeare
3	Nov 2021	3) Next, Please-Philip Larkin 4) Father Returning Home-Dilip Chitre 5) Dover Beach-Matthew Arnold
4	Dec, 2021	UNIT THREE: GRAMMAR 1) The Sentence and its Classes. 2) The Sentence Kinds: Simple Sentence, Compound Sentence, 3) Complex Sentence and Compound- Complex Sentence. Simple Sentences: Subject and Predicate.
5	Jan 2022	4) Clauses and its Kinds. 5) Complex Sentences: Principal Clause and Subordinate Clause. 6) Compound Sentences and Compound-Complex Sentences.
6	Feb 2022	UNIT FOUR: WRITING SKILLS 1) Use of Punctuations and Capital Letters
7	March 2022	**Sem-IV** UNIT ONE: PROSE 1) How to Avoid an Argument-Sam Horn 2) The Avenger-Anton Chekhov 3) On Not Answering the Telephone-W.Plomer 4) The Sporting Spirit- George Orwell 5) The Old Man at the Bridge-Ernest Hemingway

8	April 2022	UNIT TWO: POETRY 1) Gather Ye Rosebuds-Robert Herrick 2) Mirror-Sylvia Plath 3) Sonnet 43-Elizabeth Barrett Browning 4) Nobody Loves Me-Albert J. Nimeth 5) Night of the Scorpion-Nissim Ezekiel
9	May 2022	UNIT THREE: GRAMMAR Sentence Synthesis: Combining two or more Simple Sentences into one Simple Sentence, Combining two or more Simple Sentences into one Compound Sentence, Combining two or more Simple Sentences into one Complex Sentence. 1) Sentence Transformation/Conversion-I: Changing Exclamatory Sentence into Assertive Sentence and vice versa, Changing an Interrogative Sentence into an Assertive Sentence and vice versa, Changing an Imperative Sentence into an Interrogative Sentence and vice versa, Interchange of the Degrees of Comparison. Changing Active into Passive voice and vice versa, Changing Negative Sentences into Affirmative Sentences and vice versa. Sentence Transformation/Conversion-II: Conversion of Simple Sentences to Compound Sentences. Conversion of Compound Sentences to Simple Sentences, Conversion of Simple Sentences to Complex Sentences, Conversion of Complex Sentences to Simple Sentence.
10	June 2022	2) Sentence Patterns/Structures: a) Subject + Intransitive Verb b) Subject+ Transitive Verb + Direct Object c) Subject +Verb + Object + Adverb Particle d) Subject + Verb + Indirect Object + Direct Object e) Subject + Verb +Direct Object +Preposition + Indirect Object f) Subject + Verb + Object + Complements g) Subject + to be + Complement UNIT FOUR: BUILDING VOCABULORY 1) Word-Formation: Use of Prefixes and Suffixes 2) Prepositional Verbs 3) Synonyms and Antonyms

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Monthwise Teaching Plan 2021-2022

Name of Faculty: - Mr. Gawali N. T. **Department - English**

Class: -S.Y.B.A. (V) **Paper:-** Lit. in English 1550-1750

Sr. No.	Month	Topic/ Practical's to be Completed
1	Sept 2021	**SEM-III** UNIT ONE: BACKGROUND STUDY 1) The Essay-Its Definition, Origin and Kinds
2	Oct. 2021	2) The Epic- Its Definition, Conventions, and Kinds-Epic of Growth, Epic of Art and Mock Epic
3	Nov 2021	UNIT TWO: FRANCIS BACON'S ESSAYS 1) ***Of Friendship***
4	Dec, 2021	2) *Of Love* 3) *Of Studies* 4) *Of Revenge* 5) *Of Parents and Children*
5	Jan 2022	UNIT THREE: ALEXANDER POPE'S POEM ***The Rape of the Lock***
6	Feb 2022	UNIT THREE: ALEXANDER POPE'S POEM ***The Rape of the Lock***
7	March 2022	**SEM-IV** UNIT ONE: BACKGROUND STUDY 1) Shakespearean Tragedy- Its Characterization and Plot
8	April 2022	2) Features of Restoration Literature (all genres) UNIT TWO: WILLIAM SHAKESPEARE'S PLAY ***Julius Caesar***
9	May 2022	UNIT TWO: WILLIAM SHAKESPEARE'S PLAY ***Julius Caesar***
10	June 2022	UNIT THREE: DANIEL DEFOE'S NOVEL ***Robinson Crusoe***

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Monthwise Teaching Plan 2021-2022

Name of Faculty: - Mr. Gawali N. T. **Department - English**

Class: -T.Y.B.A.(IX) **Paper:-** TWENTIETH CENTURY ENGLISH LITERATURE

Sr. No.	Month	Topic/ Practical's to be Completed
1	Sept 2021	**SEM V** UNIT ONE: POETRY TEXT: ELIOT'S POEMS: i) THE LOVE SONG OF J. ALFRED PRUFROCK (1917) ii) PRELUDES (1917)
2	Oct. 2021	UNIT ONE: POETRY TEXT: ELIOT'S POEMS: i) THE LOVE SONG OF J. ALFRED PRUFROCK (1917) ii) PRELUDES (1917)
3	Nov 2021	UNIT TWO: DRAMA TEXT: G.B. SHAW'S PLAY: PYGMALION: A ROMANCE IN FIVE ACTS (first staged in 1914 & pub. in1916)
4	Dec, 2021	UNIT TWO: DRAMA TEXT: G.B. SHAW'S PLAY: PYGMALION: A ROMANCE IN FIVE ACTS (first staged in 1914 & pub. in1916)
5	Jan 2022	UNIT THREE: FICTION TEXT: D. H. LAWRENCE'S FICTION: SONS AND LOVERS (1913)
6	Feb 2022	UNIT THREE: FICTION TEXT: D. H. LAWRENCE'S FICTION: SONS AND LOVERS (1913)
7	March 2022	**SEM VI** UNIT ONE: POETRY TEXT: W.B. YEATS'S POEMS: i) EASTER 1916 ii)THE SECOND COMING iii) AMONG SCHOOL CHILDREN
8	April 2022	UNIT TWO: DRAMA TEXT: JOHN OSBORNE'S PLAY: LOOK BACK IN ANGER (first staged in1956 & pub. in 1957)
9	May 2022	UNIT TWO: DRAMA TEXT: JOHN OSBORNE'S PLAY: LOOK BACK IN ANGER (first staged in1956 & pub. in 1957) UNIT THREE: FICTION TEXT: KINGSLEY AMIS'S FICTION: LUCKY JIM (1954)
10	June 2022	UNIT THREE: FICTION TEXT: KINGSLEY AMIS'S FICTION: LUCKY JIM (1954)

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Monthwise Teaching Plan 2021-2022

Name of Faculty: - Mr. Gawali N. T. **Department - English**

Class: -T.Y.B.A.(X) **Paper:-** INTRODUCTION TO LITERARY CRITICISM AND TERMS

Sr. No.	Month	Topic/ Practical's to be Completed
1	Sept 2021	**SEM V** UNIT ONE: ARISTOTLE TEXT: His OBSERVATIONS ON TRAGEDY
2	Oct. 2021	UNIT TWO: SIR PHILIP SIDNEY TEXTS: His CLASSICISM and the VALUE HIS CRITICISN
3	Nov 2021	UNIT TWO: SIR PHILIP SIDNEY TEXTS: His CLASSICISM and the VALUE HIS CRITICISN
4	Dec, 2021	UNIT THREE: LITERARY TERMS i) ALLEGORY ii) BATHOS iii) BURLESQUE iv) CARICATURE
5	Jan 2022	v) FLAT AND ROUND CHARACTER vi) GENRE vii) IMAGERY
6	Feb 2022	viii) IRONY ix) METAPHOR x) MYTH
7	March 2022	**SEM VI** UNIT ONE: WILLIAM WORDSWORTH TEXTS: i) His CONCEPT OF POETIC DICTION ii) His CONCEPT OF POETRY
8	April 2022	UNIT TWO: F. R. LEAVIS TEXTS: i) His CONCEPTION OF LITERATURE ii) His CONCEPTION OF BUSINESS CRITICISM
9	May 2022	UNIT THREE: LITERARY TERMS i) PARADOX ii) PERSONIFICATION iii) REALISM iv) SATIRE
10	June 2022	v)SENTIMENTALITY vi) STYLE vii) SYMBOL viii) THEME ix) TECHNIQUE x) WIT

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DEPARTMENT OF ENGLISH

Academic Year 2021-22

Monthwise Teaching Plan

Name of the Teacher : - Mr. Karale N.G.

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal Ashti, Dist. Beed

Monthwise Teaching Plan 2021-2022

Name of Faculty: -Karale N.G. **Department - English**

Class: -F.Y.B.A. (A) **Paper:- A Course in Communicative English-I&II**

Sr. No.	Month	Topic/ Practical's to be Completed
1	Sept 2021	**SEM-I I. Prose**1. The Essence of Democracy- Dr. B. R. Ambedkar 2. Orpheus and Eurydice- William Byron Forbush
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10	June 2022	**IV. Writing Skill** 1.Dialogue Writing 2.Blog Writing 3.Descriptive and Narrative Paragraphs 4.Preparing an Advertisement

Shri Amolak Jain Vidya Prasarak Mandal's

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Month Wise Teaching Plan 2021-2022

Name of Faculty: -Karale N.G. **Department - English**

Class: -F.Y.B.Com. **Paper:- A Course in Communicative English-I&II**

Sr. No.	Month	Topic/ Practical's to be Completed
1	Sept 2021	**SEM-I I. Prose** 1. The Essence of Democracy- Dr. B. R. Ambedkar 2. Orpheus and Eurydice- William Byron Forbush
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10	June 2022	**IV. Writing Skill** 1.Dialogue Writing 2.Blog Writing 3.Descriptive and Narrative Paragraphs 4.Preparing an Advertisement

Shri Amolak Jain Vidya Prasarak Mandal's

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Month Wise Teaching Plan 2021-2022

Name of Faculty: -Karale N.G. **Department - English**

Class: -S.Y.B.Com. **Paper:- English for Entrepreneurs III&IV**

Sr. No.	Month	Topic/ Practical's to be Completed
1	Sept 2021	**SEM- III** UNIT ONE: BUSINESS COMMUNICATION (A) TRASACTIONAL WRITING: *1. Standard Business Letters* *2. Handling Letters of Complaint*
2	Oct. 2021	(B)DISCUSSIONS/MEETINGS/TEAM SKILS *1. Preparing Agenda for Meetings* *2. Writing Minutes for Meetings* (C)JOBS AND CAREERS *1. Applying for Jobs*
3	Nov 2021	*2. Writing Cover Letters for Resumes* UNIT TWO: PROSE FOR BUSINESS INSPIRATION 1) *On the Education of a Man of Business*-Arthur Helps 2) *In the Office*-A.S.Hornby
4	Dec. 2021	3*) When Ideas Make Money*-Shamila Ganeshan 4) *Appro JRD*-Sudha Murthy 5) *The Man Who E-Mailed the World*-Po Bronson
5	Jan 2022	UNIT THREE: GRAMMAR: WRITING SKILL 1) THE SENTENCES: i) *Simple Sentences.* ii) *Clauses and its Kinds.* iii) *Complex Sentences.*
6	Feb 2022	iv) *Compound Sentences* 2) USE OF PUNCTUATIONS AND CAPITAL LETTERS
7	March 2022	**SEM-IV** UNIT ONE: BUSINESS COMMUNICATION (A)TRASACTIONAL WRITING: 1. *Drafting E-Mail for Business Correspondence* 2. *Writing Short Reports* (B) DISCUSSIONS/MEETINGS/TEAM SKILS 1. *Making Notes of Business Conversations* 2. *Business Promotions and Language for Advertising*
8	April 2022	(C) JOBS AND CAREERS 1. *Preparing for Interviews* 2. *Taking Interviews* UNIT TWO: PROSE FOR BUSINESS INSPIRATION 1) *India's Tech King*-From www.wipro.com 2) *A Speech by N.R. Narayana Murthy*---------- 3*) Saving Money*-M.Leafe
9	May 2022	4) *The Beauty Industry*-Aldous Huxley

		5) *Face Book is making us Miserable*-Daniel Gulati UNIT THREE: GRAMMAR: WRITING SKILL 1. SENTENCE PATTERNS/STRUCTURES a) *Subject + Intransitive Verb* b) *Subject + Transitive Verb + Direct Object* c) *Subject +Verb + Object + Adverb Particle* d) *Subject + Verb + Indirect Object + Direct Object* e) *Subject + Verb +Direct Object +Preposition + Indirect Object*
10	June 2022	f) *Subject + Verb + Object + Complements* g) *Subject + to be + Complement* 2) WORD FORMATION a) Use of Prefixes b) Use of Suffixes

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2021-2022

Name of Faculty: -Karale N.G. **Department - English**

Class: - F.Y.B.A. **Paper: - English-II (Forms of Literature-II &IV)**

Sr. No.	Month	Topic/ Practical's to be Completed
1	Sept 2021	**I. (A) Types of Drama:** 1.One-Act Play 2.Dramatic Monologue 3. Farce and Melodrama
2	Oct. 2021	**(B) Text:** How He Lied to Her Husband- G. B. Shaw
3	Nov 2021	**II. Poetry:** 1. Christabel- S. T. Coleridge 2. My Last Duchess- Robert Browning 3. A Morning Prayer- Nissim Ezekiel
4	Dec, 2021	**III. Drama:** Three Sisters- Anton Chekhov
5	Jan 2022	**III. Drama:** Three Sisters- Anton Chekhov **IV. Short Fiction:** 1.The Postmaster- Rabindranath Tagore 2.When I Hid My Caste- Baburao Bagul 3.The Rule of the Road- A. G. Gardiner
6	Feb 2022	The Adventure of the Dying Detective- Sir Arthur Conon Doyle
7	March 2022	**Sem-II** **I. (A) Poetry Types:** 1. The Epic 2.The Satire 3.The Idyll
8	April 2022	**(B) Text:** *Samson Agonistes- John Milton* ***II. Essays by Francis Bacon:*** *1.Of Envy 2.Of Love 3.Of Adversity*
9	May 2022	**4.**Of Marriage and Single Life **5.**Of Goodness and Good nature **6.**Of Boldness **7.**Of Superstition **8.**Of Suspicion **9.**Of Ambition **10.**Of Beauty **III. Drama:** Doctor Faustus- Christopher Marlowe
10	June 2022	**IV. Fiction:** The English Patient- Michael Ondatjee

Karale N.G.
Asst. Prof., Dept of English

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Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2021-2022

Name of Faculty: - Dr. Kalyankar A.S. **Department - English**

Class: -F.Y.B.Sc. **Paper:-**

Sr. No.	Month	Topic/ Practical's to be Completed
1	Sept 2021	**SEM-I I. Prose**1. The Essence of Democracy- Dr. B. R. Ambedkar 2. Orpheus and Eurydice- William Byron Forbush
2	Oct. 2021	3. A Tribute to the Buddha- Maharaja Sayajirao Gaekwad 4. Facebook is Making us Miserable- Daniel Gulati 5. Sir Isaac Newton- Nathaniel Hawthorne
3	Nov 2021	**II. Poetry** 1. A Prayer for My Daughter- W. B. Yeats 2. A Psalm of Life- H. W. Longfellow
4	Dec, 2021	3. The Bus- Arun Kolatkar 4. Let Me Not to the Marriage of True Minds- William Shakespeare 5. Night of the Scorpion- Nissim Ezekiel **III. Grammar**1. The Clause Elements (S, V, O, C, A)
5	Jan 2022	2. The Articles and Prepositions: Kinds and Usage 3. The Tenses: Kinds and Usage 4. Marathi Alternatives to English Words **IV. Writing Skill** 1. Email Writing
6	Feb 2022	2. Job Application with CV 3. News and Report Writing 4. Self-Introduction
7	March 2022	**SEM-II I. Prose** 1. India's Message to the World- Swami Vivekananda 2. Are the Rich Happy? - Stephen Leacock 3.I Have a Dream- Martin Luther King Jr.
8	April 2022	4.Going Public: A Man of Wealth and Fame- Walter Isaacson 5.Gold from the Grave- Anna Bhau Sathe **II. Poetry:** 1.Stopping by Woods on a Snowy Evening- Robert Frost 2.Poem of Serpents- Loknath Yashwant 3.Strange Meeting- Wilfred Owen 4.The Ballad of the Landlord- Langston Hughes
9	May 2022	5.The Tiger and the Deer- Sri Aurobindo **III. Grammar:** 1.Basic SentenceTypes:Declarative,Interrogative,Imperative, Exclamative 2.Affixation and Word Formation 3.Phrases and Idioms 4.Antonyms and Synonyms 5.Translation Skill (Marathi to English and vice versa)
10	June 2022	**IV. Writing Skill** 1.Dialogue Writing 2.Blog Writing 3.Descriptive and Narrative Paragraphs 4.Preparing an Advertisement

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Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2021-2022

Name of Faculty: - Dr. Kalyankar A.S. **Department - English**

Class: -S.Y.B.A. **Paper:- LEARNING LANGUAGE SKILLS-II**

Sr. No.	Month	Topic/ Practical's to be Completed
1	Sept 2021	**SEM III** UNIT ONE: PROSE 1) The Importance of English-Mulk Raj Anand 2) How to Make a Speech-Edgar I. Baker 3) The Night Train at Deoli-Ruskin Bond
2	Oct. 2021	4) The Conjuror's Revenge-Stephen Leacock 5) The Luncheon-W.Somerset Maugham UNIT TWO: POETRY 1) First Love-John Clare 2) All the World's a Stage-William Shakespeare 3) Next, Please-Philip Larkin
3	Nov 2021	4) Father Returning Home-Dilip Chitre 5) Dover Beach-Matthew Arnold UNIT THREE: GRAMMAR1) The Sentence and its Classes. 2) The Sentence Kinds: Simple Sentence, Compound Sentence, Complex Sentence and Compound- Complex Sentence. 3) Simple Sentences: Subject and Predicate.
4	Dec, 2021	4) Clauses and its Kinds. 5) Complex Sentences: Principal Clause and Subordinate Clause.
5	Jan 2022	6) Compound Sentences and Compound-Complex Sentences.
6	Feb 2022	UNIT FOUR: WRITING SKILLS 1) Use of Punctuations and Capital Letters
7	March 2022	**SEM IV** UNIT ONE: PROSE 1) How to Avoid an Argument-Sam Horn 2) The Avenger-Anton Chekhov 3) On Not Answering the Telephone-W.Plomer4) The Sporting Spirit- George Orwell
8	April 2022	UNIT TWO: POETRY 1) Gather Ye Rosebuds-Robert Herrick 2) Mirror-Sylvia Plath 3) Sonnet 43-Elizabeth Barrett Browning 4) Nobody Loves Me-Albert J. Nimeth 5) Night of the Scorpion-Nissim Ezekiel
9	May 2022	UNIT THREE: GRAMMAR 1) Sentence Synthesis: Combining two or more Simple Sentences into one Simple Sentence, Combining two or more Simple Sentences into one Compound Sentence, Combining two or more Simple Sentences into one Complex Sentence. 2) Sentence Transformation/Conversion-I: Changing Exclamatory Sentence into Assertive Sentence and vice versa, Changing an Interrogative Sentence into an Assertive Sentence and vice versa, Changing an Imperative Sentence into an Interrogative Sentence and vice versa, Interchange of the Degrees of Comparison, Changing Active into Passive voice and vice versa, Changing Negative Sentences into Affirmative Sentences and vice versa.
10	June 2022	3) Sentence Transformation/Conversion-II: Conversion of Simple Sentences to Compound Sentences, Conversion of Compound Sentences to Simple Sentences, Conversion of Simple Sentences to Complex Sentences, Conversion of Complex Sentences to Simple Sentence. 4) Sentence Patterns/Structures: a) Subject + Intransitive Verb b) Subject+ Transitive Verb + Direct Object c) Subject +Verb + Object + Adverb Particle d) Subject + Verb + Indirect Object + Direct Object e) Subject + Verb +Direct Object +Preposition + Indirect Object f) Subject + Verb + Object + Complements g) Subject + to be + Complement UNIT FOUR: BUILDING VOCABULORY 1) Word-Formation: Use of Prefixes and Suffixes 2) Prepositional Verbs 3) Synonyms and Antonyms

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2021-2022

Name of Faculty: - Dr. Kalyankar A.S. **Department - English**

Class: -F.Y.B.A. **Paper I: Forms of Literature**

Sr. No.	Month	Topic/ Practical's to be Completed
1	Sept 2021	I. (A) Types of Poetry: 1. The Lyric 2. The Ode 3. The Sonnet 4. The Elegy
2	Oct. 2021	**(B) Texts of Poetry:** 1. Ode on a Grecian Urn- John Keats 2. Elegy Written in a Country Churchyard- Thomas Gray 3. On His Blindness- John Milton 4. The Splendour Falls- Alfred Lord Tennyson
3	Nov 2021	**II. (A) Types of Drama:** 1. Tragedy 2. Comedy 3. Tragi-Comedy
4	Dec, 2021	**(B) Text of Drama:** The Merchant of Venice- William Shakespeare
5	Jan 2022	**III. Fiction:** 1. What is fiction? 2. What is short fiction? 3. What is science fiction? 4. The Narrative Technique in Fiction
6	Feb 2022	**(B) Text of Fiction:** Train to Pakistan- Khushwant Singh
7	March 2022	I. (A) Prose Types: 1. The Essay 2.Autobiography 3.Biography
8	April 2022	**(B) Text: Essays by Francis Bacon** 1. Of Truth 2. Of Death 3. Of Revenge 4. Of Parents and Children 5. Of Nobility
9	May 2022	II. Autobiography: The Race of My Life- Milkha Singh III. Drama: Justice- John Galsworthy
10	June 2022	**IV. Fiction:** The Alchemist- Paulo Cohelo

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2021-2022

Name of Faculty: - Dr. Kalyankar A.S. **Department - English**

Class: -S.Y.B.A. **PAPER-VI: LITERATURE IN ENGLISH 1750-1900**

Sr. No.	Month	Topic/ Practical's to be Completed
1	Sept 2021	UNIT ONE: BACKGROUND STUDY 1) The Ballad- Its Origin, Features, and Kinds
2	Oct. 2021	2) Features of Romantic Literature (all genres)
3	Nov 2021	UNIT TWO: SAMUEL TAYLOR COLERIDGE'S POEM ***Rime of the Ancient Mariner***
4	Dec, 2021	UNIT TWO: SAMUEL TAYLOR COLERIDGE'S POEM ***Rime of the Ancient Mariner***
5	Jan 2022	UNIT THREE: THOMAS HARDY'S NOVEL ***Far from the Madding Crowed***
6	Feb 2022	UNIT THREE: THOMAS HARDY'S NOVEL ***Far from the Madding Crowed***
7	March 2022	UNIT ONE: BACKGROUND STUDY 1) The Dramatic Monologue-Its Characteristics, and Nature 2) Features of Victorian Literature (all genre)
8	April 2022	UNIT TWO: ROBERT BROWNING'S POEM ***Last Ride Together***
9	May 2022	UNIT TWO: ROBERT BROWNING'S POEM ***Last Ride Together*** UNIT THREE: OSCAR WILDE'S PLAY ***Importance of Being Ernest***
10	June 2022	UNIT THREE: OSCAR WILDE'S PLAY ***Importance of Being Ernest***

Shri Amolak Jain Vidya Prasarak Mandal's

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Month Wise Teaching Plan 2021-2022

Name of Faculty: - Dr. Kalyankar A.S. **Department - English**

Class: -T.Y.B.A. **Paper: - XI(B): INDIAN WRITING IN ENGLISH**

Sr. No.	Month	Topic/ Practical's to be Completed
1	Sept 2021	UNIT ONE: POETRY TEXT: NISSIM EZEKIEL'S POEMS: i)**VERY INDIAN POEM IN INDIAN ENGLISH**
2	Oct. 2021	ii) **NIGHT OF THE SCORPION**
3	Nov 2021	UNIT TWO: DRAMA: TEXT: VIJA TENDULKAR'S PLAY: ***SILENCE! THE COURT IS IN SESSION*** (1978)
4	Dec, 2021	UNIT TWO: DRAMA: TEXT: VIJA TENDULKAR'S PLAY: ***SILENCE! THE COURT IS IN SESSION*** (1978)
5	Jan 2022	UNIT THREE: FICTION TEXT: RAJA RAO'S FICTION: ***KANTHPURA***
6	Feb 2022	UNIT THREE: FICTION TEXT: RAJA RAO'S FICTION: ***KANTHPURA***
7	March 2022	UNIT ONE: POETRY TEXT: ARUN KOLATKAR'S POEMS i)***THE BOAT RIDE***
8	April 2022	UNIT TWO: DRAMA: TEXT: GIRISH KARNAD'S PLAY: ***TUGHLAQ***
9	May 2022	UNIT TWO: DRAMA: TEXT: GIRISH KARNAD'S PLAY: ***TUGHLAQ*** UNIT THREE: FICTION TEXT: U.R. ANANTHAMURTHY'S: ***SAMSKARA*** Or ***A RITE FOR A DEAD MAN***
10	June 2022	UNIT THREE: FICTION TEXT: U.R. ANANTHAMURTHY'S: ***SAMSKARA*** Or ***A RITE FOR A DEAD MAN***

(Mr. Kalyankar A.S.)

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2021-2022

हिंदी विभाग

नाम-डॉ. गव्हाणे व्ही. बी. **कक्षा- बी. ए. प्रथम**

क्र	माह	टॉपिक
1	सितंबर.2021	II नाटक साहित्य Sem. I विजय पर्व- डॉ. रामकुमार वर्मा
2	अक्तुबर2021	विजय पर्व -डॉ रामकुमार वर्मा
3	नवंबर. 2021	होरी (नाटक)- प्रेमचंद नाट्य रूपांतर - विष्णु प्रभाकर (प्रस्तावना तथा विवेचन)
4	दिसंबर.. 2021	होरी - प्रेमचंद
5	जनवरी 2022	अलख आजादी की (नाटक)-सुशीलकुमार सिन्ह
6	फरवरी 2022	IV एकांकी साहित्य Sem. II एकांकी और एकांकीकार - परिचय एकांकी नए पुराने -संपा.-श्रीमती मायासिह शरणागत -लक्मीनारायण लाल
7	मार्च 2022	महाभारत की एक साँझ-भारतभूषण अग्रवाल कोल डस्ट -गिरिराज किशोर पड़ोसिन का कोट - उपेन्द्रनाथ 'अश्क' कँवारी धरती - मोहन राकेश
8	अप्रैल.2022	प्रतिनिधि महिला एकांकी - माधव सोनटक्के (परिचय) डॉक्टर साहब भी अजीब है - स्वरूपकुमारी बक्षी एक और दिन - शांति मेहरोत्रा जान से प्यारे - ममता कालिया
9	मई.2022	उष्मा - मृदुला बिहारी कलाकार और नारी - विमला लूथरा कपिलवस्तु की राजवधु - सावित्री रांका कमाई किसकी - डॉ. सुशीला कपूर
10	जून 2022	

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Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2021-2022

नाम-डॉ. गव्हाणे व्ही. बी.

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कक्षा- बी. ए. द्वितीय पेपर का नाम - सामान्य हिंदी

क्र	माह	टॉपिक
1	सितंबर.2021	पेपर क्र III सामान्य हिंदी, Sem. 3 साहित्य आस्वादन अभिरुचि का परीसंस्कार जीवन मूल्यों के प्रति आस्था गद्य के विविध आयाम-संपा. जयमोहन
2	अक्तुबर2021	आत्मवृत्त - मेरा जीवन रेखाचित्र- नीलकंठ मोर संस्मरण- कमला, निबंध- शिरीष के फूल
3	नवंबर. 2021	यात्रा व्रत - चीडो पर चांदनी अत्याधुनिक इलेक्ट्रॉनिक माध्यमों का परिचय प्रयोजनमूलक भाषा
4	दिसंबर.. 2021	भाषा शिक्षण: स्वरूप एवं प्रक्रिया व्यवसायिक हिंदी
5	जनवरी 2022	निबंध लेखन
6	फरवरी 2022	पेपर क्र IV सामान्य हिंदी 4 भाषा प्रौद्योगिकी- विज्ञापन कला व ज्ञान गद्य के विविध आयाम - प्रो जयमोहन डायरी - स्त्री घर, व्यंग्य - कर कमल हो गए
7	मार्च 2022	रिपोर्ताज- जहां आकाश नहीं दिखाई देता निबंध- कुरीति तोड़ो परिवार नहीं जीवनी - स्वामी दयानंद
8	अप्रैल.2022	मीडिया लेखन वैज्ञानिक तकनीकी हिंदी
9	मई.2022	अशुधी शोधन
10	जून 2022	अनुवाद

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Month Wise Teaching Plan 2021-2022

नाम-डॉ. गव्हाणे व्ही. बी.

हिंदी विभाग **कक्षा- बी. ए. द्वितीय**

क्र	माह	टॉपिक
1	सितंबर. 2021	VI प्रयोजनमूलक हिंदी-I Sem III हिंदी भाषा के विविध रूपों का परिचय हिंदी भाषा: स्वरूप एवं विकास
2	अक्तुबर 2021	हिंदी भाषा का मानकीकरण मानक हिंदी की विकास यात्रा
3	नवंबर. 2021	देवनागरी लिपि: उद्भव और विकास भाषा और लिपि
4	दिसंबर.. 2021	इलेक्ट्रॉनिक माध्यम और देवनागरी लिपि
5	जनवरी 2022	प्रयोजनमूलक हिंदी स्वरूप और विकास
6	फरवरी 2022	VIII प्रयोजनमूलक हिंदी II Sem. IV हिंदी भाषा के विविध रूपों का परिचय पारिभाषिक शब्दावली
7	मार्च 2022	राजभाषा हिंदी के विविध पहलुओं का परिचय राजभाषा हिंदी
8	अप्रैल.2022	प्रयोजनमूलक भाषा की भूमिका तथा परिचय प्रयोजनमूलक हिंदी - लेखन पक्ष
9	मई.2022	प्रयोजनमूलक अनुवाद की भूमिका तथा स्वरूप एवं समस्याएं प्रयोजनमूलक अनुवाद
10	जून 2022	

डॉ. गव्हाणे व्ही. बी.

Shri Amolak Jain Vidya Prasarak Mandal's

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Month Wise Teaching Plan 2021-2022

नाम-डॉ. गव्हाणे व्ही. बी.

हिंदी विभाग **कक्षा- बी. ए. तृतीय**

क्र	माह	टॉपिक
1	सितंबर.2021	IX प्रादेशिक साहित्य Sem. V प्रादेशिक साहित्य का ज्ञान मराठी कहानी साहित्य: सामान्य परिचय
2	अक्तुबर2021	प्रतिनिधि कहानियां: मराठी – संपा. माधव सोनटक्के संकलित कहानियों की संवेदना
3	नवंबर. 2021	प्रतिनिधि कहानियां : मराठी संकलित कहानियों का शिल्प विधान
4	दिसंबर.. 2021	पराया – लक्मण माने अनुवादक – डॉ दामोदर खड़से मराठी दलित साहित्य: सामान्य परिचय
5	जनवरी 2022	पराया की संवेदना पराया का शिल्प विधान
6	फरवरी 2022	XIII मध्यकालीन काव्य Sem -VI भक्तिकालीन काव्य -सामन्य परिचय रीतिकालीन काव्य – सामन्य परिचय
7	मार्च 2022	मध्यकालीन काव्य – संपा. प्रो माधव सोनटक्के, डॉ भंडारे भक्तिकालीन कविता:संवेदना
8	अप्रैल.2022	भक्तिकालीन कविता:शिल्पविधान
9	मई.2022	रीतिकालीन कविता: सवेदना
10	जून 2022	रीतिकालीन कविता: शिल्पविधान

डॉ. गव्हाणे व्ही. बी.

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2021-2022

नाम - डॉ. गव्हाणे व्ही. बी.

हिंदी विभाग कक्षा- बी. ए.तृतीय

क्र	माह	टॉपिक
1	सितंबर.2021	XI साहित्य शास्त्र I, Sem V साहित्य चिंतन का अध्ययन साहित्य का स्वरूप
2	अक्तुबर2021	साहित्यालोचन क्षमता का परिचय साहित्य के तत्व
3	नवंबर. 2021	साहित्य सृजन के संस्कार साहित्य प्रयोजन
4	दिसंबर.. 2021	साहित्य-हेतु शब्दशक्ति विचार
5	जनवरी 2022	रस विचार
6	फरवरी 2022	XV साहित्य शास्त्र II, Sem. VI अलंकार विचार
7	मार्च 2022	छंद विचार
8	अप्रैल.2022	विधा स्वरूप विवेचन अ. दृश्यकाव्य आ. श्रव्यकाव्य
9	मई.2022	आलोचना तथा आलोचना के भेद
10	जून 2022	

डॉ. गव्हाणे व्ही. बी.

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2021-2022

Teacher Name - Smt. Bambe. S.D. , **Department** - Marathi

Class - F. Y. B.A **Paper** - OP - II (नाट्यात्मसाहित्य (मुद्रीत माध्यमासाठी लेखन (IV

Sr. No.	Month	Topic/ Practical's to be Completed
1	Sept. 2021	फाटलेला पतंग - पार्श्वभूमी - लेखन - (शंकर दिवाकर) प्रास्ताविक → नाट्यात्मसाहित्याचे स्वरूप आशय - सौंदर्य पार्श्वभूमी
2	Oct. 2021	चौकोनी खोलीच्या चार भिंती नाही तोच (शंकर दिवाकर) पार्श्वभूमी, स्वरूप, प्रास्ताविक, नाट्यसौंदर्य
3	Nov. 2021	उंबरे → रा. रं. बोराडे → स्वरूप, नाट्यसौंदर्य, नाटकातील रंगरेखा, पात्रपरिचय
4	Dec. 2021	मुलगी झाली हो - इंदिरा संत प्रस्ताविक, स्वरूप, नाटकाची रंगरेखा
5	Jan. 2022	यातना उत्सव → (बापू बोरे) स्वरूप, नाट्यसौंदर्य, पात्रपरिचय, रंगरेखा
6	Feb. 2022	नाटकाचे आशयसौंदर्य
7	March 2022	वृत्तपत्राचे स्वरूप, महत्व संपादकीय लेखन
8	April 2022	बातमी - तंत्र, महत्व, संज्ञालेखन मुलाखत लेखन
9	May 2022	बातमीलेखन - सा. राजकीय, शैक्षणिक, शेतीविषयक, आर्थिक सांस्कृतिक / वाचकांची पत्रे - निवडा तयार करणे
10	June 2022	वाचकांची पत्रे वाचक व वर्तमानपत्र - नातेसंबंध.

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Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2021-2022

Teacher Name - Smt → Bombe S.P. , Department - Marathi

Class - S. Y. B. Sc Paper - गद्य, पद्य व उपयोजित मराठी (SL)

Sr. No.	Month	Topic/ Practical's to be Completed
1	Sept. 2021	शिवाजी महाराजांच्या कार्याचे स्वरूप → प्र. न. देशपांडे निष्कर्ष → सुहासिनी इलेकर लोकसंस्कृती व जागतिकिकरण - डॉ. दत्ता. ओसले आकाशगुढा - सदानंद शिणगारे
2	Oct. 2021	सारथी, धरालाच लागली वाकवी - मरणाने डाव साधला - सौ. सिंधुताई सपकाळ आकाशवाणी → प्रसार माध्यम
3	Nov. 2021	कुणबी माझा - अनिल राक्काळे लोकराजे रयत, पवार साहेब - प्रा. लक्ष्मण ढोबळे पुस्तक परिचय, तंत्र, स्वरूप)
4	Dec. 2021	वही - सुरेश पाटील अलंद दारातून बाहेर पडताना - संजीवनी तडेगावकर जलनियोजन, तंत्र व स्वरूप.
5	Jan. 2022	जलनियोजन तंत्र → महत्व धरण व शेती, पिण्यासाठी जलनियोजन
6	Feb. 2022	जलनियोजन - स्वरूप.
7	March 2022	चिपाड - अंबादास केदार भिरगी पेर → विजय झाडके संगणक क्षेत्रातील संकल्पना, वैशिष्ट्ये. काईर - अंजली धानोरकर
8	April 2022	गायरान - एकनाथ शिवलकर भूक → उमेश मोहिते जागल - शिवाजी मरगीक कलसूत्री बाहुली → आरती रेवडकर.
9	May 2022	इंटरनेट - स्वरूप, कार्यप्रणाली गर्भाशयात अस्वस्थ → मो. जोशी आवा - शिवाजी पाटील
10	June 2022	हिशोब चुकता करा → वि. सो. वराट.

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Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2021-2022

Teacher Name - Smt-> Bombe S.D , **Department** - Marathi

Class – F. Y. B.Sc **Paper** - SL (गद्य व पद्य, उपयोजित मराठी)

Sr. No.	Month	Topic/ Practical's to be Completed
1	Sept. 2021	अस्सीक रसज - महईघट अर्पदस्त -> संत तुकनाय धुली आतीतरत्न -> मुकुंदराज सत्यग्रही बसत -> जयदेवी तिगांडे
2	Oct. 2021	राजाची कर्तव्ये -> रामचंद्रपंत अमात्य कुरुपे भूमीवरी उगावली तुलसा - संत नामदेव आनंद वोवीया -> संत निर्मला
3	Nov. 2021	गिजाऊ आमची सून झाली -> दत्ताजी वाकेनवीस तुम्ही सदाचारने वागा -> ताराबाई शिंदे आसा बाधोनिया मराठीया - फादर स्टीफन्स.
4	Dec. 2021	पाडसदेव - संत दासोपंत परमेश्वराचे आवितव्य - श्री.म. माटे पूर्वाश्रमदिशा - संत ज्ञानेश्वर लेखनविषय निश्चय ज्याति भेद कुलकर्म गुरुसी मूक नाहीरे स्वामी रामानंद ऐस कले गोणाक -> संत शेख महंमद
5	Jan. 2022	मन करा रे प्रसन्न - संत तुकाराम पत्र लेखन - कौटुंबिक, कार्यालयीन, आलंतर.
6	Feb. 2022	विरामचिन्हे -
7	March 2022	शेवटचे निर्तन -> संत गाडगेबाबा देशाचे आवितव्य डॉ. बा. आंबेडकर कुकडीन. स फुले निर्झरास - बालकवी आई - कवी गेस रोबा -> वीरधवल परब.
8	April 2022	लोकआला लोच ज्ञानआला - यशवंतराव चव्हाण कोकले सरण - रामराव सुंडारे खून - महादेव गायकवाड
9	May 2022	बाप - संजय आहाव काय असत प्रेम -> प्रतीसा गायकवाड घोसवाक्य -> सा० राजनीय, पर्यावरण, सांस्कृतिक नवमहाराष्ट्र गीत -> सुरेशभट अहवाल लेखन
10	June 2022	जाहिरात लेखन -

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Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2021-2022

Teacher Name - Smt. Bombe S.D , Department - Marathi

Class - T. Y. B.A. Paper - IX - XIII

Sr. No.	Month	Topic/ Practical's to be Completed
1	Sept. 2021	साहित्याचे स्वरूप (भारतीय साहित्यविचार) व्याख्या → आत्मा, ईडी, दंडी, भामह, वामन, रुद्रट - संस्कृत आचार्यांचा विचार लक्षणे → अलंकार, वक्रोक्ती, रीती, औचित्य, ध्वनी, रस.
2	Oct. 2021	साहित्याची प्रयोजने → आत्मा, ईडी, अरस्तु ची, ममटाचा प्रयोजन विचार ⊕ यश, अर्थप्राप्ती, अशुभनिवारण, व्यवहारज्ञान, आनंद प्राप्ती इत्यादि.
3	Nov. 2021	साहित्याची निर्मिती प्रक्रिया प्रतिभा, व्युत्पन्नता, अभ्यास.
4	Dec. 2021	रसविचार → अरस्तूचे रससूत्र श्रीशंकुक, भट्टनायक, अभिनवगुप्त → रससंख्या, रसविन्हे
5	Jan. 2022	शब्दशक्ती अर्थविचार
6	Feb. 2022	साहित्य व संस्कृती - परस्परसंबंध
7	March 2022	पाश्चात्य साहित्यविचार ड्रेडन, कॉलरिज, रस्किन, साहित्याचे स्वरूप, व्याख्या, लक्षणे → कल्पना, आकृती, शैली, आयडिया, वर्डसवर्थ, कांट
8	April 2022	साहित्याची प्रयोजने → फ्रायडचा मनोविश्लेषणवाद, स्वप्नरंजन, जिज्ञासापूर्ती, विरेचन (कॅथार्सिस) आत्माविष्कार, उद्बोधन
9	May 2022	साहित्य निर्मिती प्रक्रिया → फ्रॉईड युंग, कोलरिज, प्रिस्कॉट, मरे, जायगर, इलियट, मार्क्सवादी साहित्यविचार - कार्ल मार्क्स
10	June 2022	साहित्य - स्थळीची पद्धती मानसशास्त्रीय, समाजशास्त्रीय, ऐतिहासिक, मार्क्सवाद, समाजवाद

प्रा. बोंबे, एस. डी
Bombed

प्रा. हारकर दत्तात्रय बद्रीनाथ

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN 2021/2022

Class .F.Y. B.A. Paper (I, III) ~~काव्यात्म साहित्य आणि कथात्म साहित्य~~

Sr. No.	Month	Topics / Practicals to be Completed
①	सप्टेंबर	नारायण सूर्वे यांच्या कविता
②	आक्टोंबर	केशवसुत यांच्या निवडक कविता
③	नोव्हेंबर	कुसुमाग्रज यांच्या कवितेचा परामर्श.
④	डिसेंबर	नामदेव ढसाळ यांच्या निवडक कविता
⑤	जानेवारी	नामदेव ढसाळ यांच्या कवितेचा रसग्रहणात्मक अभ्यास
⑥	मार्च	सरत्या पावसाच्यानीळ एक रात्र. भोमकया. अंतकरणाचे रत्नदीप, नदीकाठचा प्रकार या कथांचा अभ्यास.
⑦	एप्रिल	आपला माणसात जमा नाही, चोकी आण्णा या कथांचा अभ्यास.
⑧	मे.	गांधीजी 2001, कुशी, तीन पावले दान या कथांचा रसग्रहणात्मक अभ्यास.

Signature

प्रा. हारुकर दत्तात्रय बद्रीनाथ

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN 2021/2022

Class F.Y.B.C.O.M. Paper (S.L.I, II) ~~गद्य, पद्य व उपयोजित मराठी~~

Sr. No.	Month	Topics / Practicals to be Completed
①	सप्टेंबर	थुळी अमोल रत्न, राजाची कर्तव्ये, ससीका रक्षण, अर्जदस्त आनंदे ओविया
②	ऑक्टोबर	पूर्वभाग्य दिना, तुम्ही सदाचरणाने वागा पाडसदेवा, जिजाऊ आमची सुन झाली.
③	नोव्हेंबर	कुळकर्म मुळसी मुळ नाही रे, ऐसे कैसेया गोपाळे, कुरुवळ भूमीवरी कुरवली तुळसी, मन करा रे प्रसन्न.
④	डिसेंबर	तुरुया प्रतिनिधी, सत्याग्रही बसव, लेखनविषयक नियम, विरामचिन्हे.
⑤	जानेवारी	भाषांतर, विरामचिन्हे.
⑥	मार्च	निर्सरास, सोपस्ये कीर्तन, कुळबीन देशाचे भवितव्य, नवमहाराष्ट्रगीत.
⑦	एप्रिल	घोषवाक्य, जाहिरात, बिरसा मुंडा गुणवत्तेचे निकष, संवादलेखन
⑧	मे.	मल्हारीकुटाकुटीया सिंग कपालेया, काम असत प्रेम, दिंगी, अहवाललेखन ग्लोबल मेदिनी नक्षी.

प्रा. शरकर दत्तात्रय बद्रीनाथ

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN 2021/2022

Class S.Y.B.C.O.M.. Paper (S.Y. III, IV) वाणिज्य व्यवहार आणि वाणिज्य व्यापार.

Sr. No.	Month	Topics / Practicals to be Completed
(1)	सप्टेंबर	भाषा आणि भाषा शिक्षण
(2)	ऑक्टोबर	व्यापार व्यवहारात वाचन संस्कृतीचे महत्व.
(3)	नोव्हेंबर	प्रशासकीय कार्यालयात मराठी भाषेचे महत्व.
(4)	डिसेंबर	पत्रलेखन तंत्र स्वरूप व साधने.
(5)	जानेवारी	निबंधलेखन
(6)	मार्च	कार्यालयीन लेखन तंत्र, अनुवाद तंत्र, स्वरूप आणि उपयोजन.
(7)	एप्रिल	वाणिज्य व्यापाराची सहाय्यभूत साधने.
(8)	मे.	वाणिज्य व्यवसाय व माध्यम, व्यापाराला मदत करणारी साधने.

प्रा. शरकर

प्रा. हारुर दत्तात्रय बद्रीनाथ

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN 2021/2022

Class S.Y.B.A..... Paper (IV, VII) आधुनिक मराठी वाङ्मयाचा इतिहास.

Sr. No.	Month	Topics / Practicals to be Completed
(1)	सप्टेंबर	निबंध स्वरूप विशेष.
(2)	ऑक्टोबर	इ.स. 1800 ते इ.स. 1874 या काळ खंडातील सामाजिक व सांस्कृतीक पार्श्वभूमी
(3)	नोव्हेंबर	कादंबरी वाङ्मय.
(4)	डिसेंबर	कथा वाङ्मयाचे स्वरूप विशेष.
(5)	जानेवारी	कादंबरी वाङ्मय विशेष.
(6)	मार्च.	नाट्य वाङ्मयाचे स्वरूप विशेष
(7)	एप्रिल	काव्य वाङ्मयाचे स्वरूप विशेष. चरित्र वाङ्मयाचे स्वरूप विशेष
(8)	मे.	आत्मचरित्र वाङ्मयाचे स्वरूप विशेष.

प्रा. हारकर दत्तात्रय बद्रीनाथ.

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN 2021/2022

Class T.Y. B.A. Paper (OP XI, XII) ~~मध्ययुगीन मराठी वाङ्मयाचा इतिहास~~

Sr. No.	Month	Topics / Practicals to be Completed
(1)	सप्टेंबर	महानुभाव पंथ व त्याचे वाङ्मयीन कार्य
(2)	ऑक्टोबर	मराठी आरंभकाळ व मुकुंदराज
(3)	नोव्हेंबर	वारकरी संप्रदाय व त्याचे वाङ्मयीन कार्य.
(4)	डिसेंबर	बहामणीकालीन मराठी साहित्य
(5)	जानेवारी	संत तुकाराम आणि संत एकनाथ
(6)	मार्च	पंडिती साहित्याची ओळख करून देणे.
(7)	एप्रिल	पंडिती साहित्याचे स्वरूप व वैशिष्ट्ये शाहिरी वाङ्मय प्रेरणा व स्वरूप वैशिष्ट्ये
(8)	मे.	पेशवेकालीन बखरीचा परिचय करून देणे.

प्रा. हारकर

S.A.J.V.P.M.S.K.S'Gandhi College
DEPT.OF GEOGRAPHY
Kada, Tal.Ashti,Dist.Beed

Shri. Amolak Jain Vidya Prasarak Mandal Kada's

Smt. S.K. Gandhi Art's, Amolak Sci. & P.H. Gandhi Comm. College Kada

Tq. Ashti Dist. Beed

Department of Geography

Name of Teacher: Dr. Udhav Chavan **Designation:** Assistant professor

Paper: V Practical (Annual) **Marks: 80**

F.Y.B.A Academic Teaching Plan 2021-2022

Month	Name of the topic / Practical taught
September 2021	Admission
October 2020	Nature and Scope of cartography, Scale – Meaning methods of Representing Scale: Verbal Scale, Numerical Scale and Linear Scale. Types of Linear Scale: Simple Line Scale. Comparative Scale. Diagonal scale,
November 2021	Time and distance scale, Pace scale. Definition of maps brief history of maps Classification of maps. Enlargement and Reduction of Maps by square method.
Dec. 2021	Methods of Showing relief: Hachure's, Shading, Layer tint and contours.
January 2022	Representation of Landforms by contours. Representation of slopes by contours, Even slope, Un- even slope.
February 2022	Gentle Slope, Steep Slope Concave slope, Convex Slope & Terraced slope
March 2022	Representation of slopes by contours : Even slope, Uneven slope,
April 2022	Representation of landforms by cross section method, conical hill, ridge, plateau, cliff, waterfall, U and V shaped valley, pass, and spur.
May 2022	Conventional Signs and Symbols of SOI Maps.
June 2022	Study of Indian Topographical (SOI) Maps. I) Relief ii) Human Settlement iii) Drainage iv) Transportation. **Exam-II IV VI Semester**
July 2022	**Exam-II IV VI Semester**

HEAD
Dept.of Geography
S.A.J.V.P.M.Kada
S.K.Gandhi Arts,Amolak Science
P.H.Gandhi Commerce College
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S.A.J.V.P.M.S.K.S'Gandhi College
DEPT.OF GEOGRAPHY
Kada, Tal.Ashti,Dist.Beed

Shri. Amolak Jain Vidya Prasarak Mandal Kada's

Smt. S.K. Gandhi Art's, Amolak Sci. & P.H. Gandhi Comm. College Kada

Tq. Ashti Dist. Beed

Department of Geography

Name of Teacher: Dr. Udhav Chavan **Designation:** Assistant professor

Paper: II Human Geography IV Regional Geography of Maharashtra

Mark: 30+30=60

F.Y.B.A Academic Teaching Plan 2021-2022

Month	Name of the topic / Practical taught
September 2021	**Admission**
October 2020	Definition, Nature and Scope of Human Geography, Ranches of Human Geography.
November 2021	Man and Environment Relationship, Types of Environment, Concept of Determinism and Possibilism, Stop and Go Deterministic Approach,
Dec. 2021	Physical and social Profile of Racial Groups, Ethnic Groups, Triable Groups In World and India, Eskimo, Busmen, Masai, Gond and Gujjars. Settlement Types, Forms and Pattern.
January 2022	Functional Classification of Settlement.
February 2022	**Exam- I III V Semester**
March 2022	Position and Personality: Location, Size and Shape, Relief and Physical Division of Maharashtra. Climate, Drainage and Soil.
April 2022	Natural Vegetation of Maharashtra, Cropping Pattern, Major Crops: Jowar, Wheat, Rice, Cotton, Sugarcane, Oil Seeds, and Pulses.
May 2022	Production and Distribution of crops. Cotton and Textile Industries, Sugar Industries,
June 2022	Transportation: Road, Air and Rail Transport. **Exam-II IV VI Semester**
July 2022	**Exam-II IV VI Semester**

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Department of Geography

Name of Teacher: Dr. Udhav Chavan **Designation:** Assistant professor

Paper: VI Climatology, VIII Oceanography Mark: 30+30=60

S.Y.B.A Academic Teaching Plan 2021-2022

Month	Name of the topic / Practical taught
September 2021	**Admission**
October 2020	Weather and climate: definition, Nature and scope of Climatology. Significance of climatology, Elements of weather and climate, composition and structure of the atmosphere. Insolation and Temperature: Definition of Insolation and temperature.
November 2021	Heat budget of the earth, Factors affecting the distribution of solar energy, distribution of temperature, vertical, horizontal, and seasonal. Rang of temperature, Atmospheric pressure and wind: Evaporation and condensation, Hydrological cycle, types of precipitation,
Dec. 2021	World pattern of rainfall: regional and seasonal distribution. Air masses and fronts: concept, classification and properties. Atmospheric disturbances, tropical and temperate cyclones, thunder storms and tornadoes.
January 2022	Role of climate in human life, Atmospheric pollution, and global warming, general causes, consequences, and measures of control.
February 2022	**Exam- III semester**
March 2022	Introduction of Oceanography: Definition, Nature and scope, Surface Configuration of Ocean floors, General Idea of submarine relief, continental self, continental slope,
April 2022	Abyssal plains, oceanic trenches, and deeps, hypsographic curve, Relief of Atlantic ocean, Pacific ocean and Indian Ocean. Salinity of ocean water, its meaning, causes of salinity,
May 2022	Factors affecting on Salinity of Ocean Water, Distribution of Salinity in the World, Factors affecting the Temperature of Ocean water, Distribution of Temperature in Ocean Water. Ocean deposits, Shallow Sea deposits, Deep Sea deposits, Types of Corals.
June 2022	Ocean as a store house of resources for the future. **Exam IV semester**
July 2022	**Exam IV**

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Department of Geography

Name of Teacher: Dr. Udhav Chavan **Designation:** Assistant professor

Paper: XII Geography of Environment Marks: 30+30=60

XV Geography of Natural Calamities

T.Y.B.A Academic Teaching Plan 2021-2022

Month	Name of the topic / Practical taught
September 2021	**Admission**
October 2020	Definition of Environment science, Nature and Scope of Environment, Types of Environment. Ecology, Abiotic or Physical factors, Temperature, Soil, Water, Atmosphere, Biotic or Nonphysical factors.
November 2021	Organism, Population and Biotic Community. Ecosystem, Cardinal Principal of Ecosystem. Structure of Ecosystem, (Producer, Consumer, Decomposer) Nutrient Cycling (Carbon Cycle, Oxygen Cycle, Nitrogen Cycle).
Dec. 2021	Function of Ecosystem, Energy flow, food chain, food web, Ecological Pyramid, Types of Ecosystem, (Natural Ecosystem, and Cultural Ecosystem). Problems of Ecosystems. Environmental Global Warming,
January 2022	Food Security, Deforestation, Plastic Bags, Acid Rainfall.
February 2022	**Exam V Semester**
March 2022	Definition Nature and scope of natural calamities Earthquake, and Volcano, causes and effects of Earthquake and Volcano, World distribution of earthquake and volcano.
April 2022	Drought and Floods, Metrological drought, Hydrological drought, agricultural Drought, causes and effects of drought, drought prone area.
May 2022	Flood causes and effects. Biological Hazards, Global Warming, Green house effects. Ozone Deflation.
June 2022	Pollution Types: Air, Water and Soil. **Exam VI Semester Begins.**
July 2022	**Exam VI Semester Begins.**

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Department of Geography

Name of Teacher: Dr. Udhav Chavan **Designation:** Assistant professor

Practical Geography Paper- XVIII (Main, Annual) Marks: 40

T.Y.B.A Academic Teaching Plan 2021-2022

Month	Name of the topic / Practical taught
September 2021	Admission
October 2020	**Unit 1- A) Introduction of Instrumental Survey.** (उपकरणीय रेखांकन सर्वेक्षण ओळख) 1) Chain and Tape Survey. (साखळी व टेप रेखांकन सर्वेक्षण)
November 2021	2) Plane Table Survey. (समतलपाट रेखांकन सर्वेक्षण) 3) Prismatic Compass Survey (लोलकीय होकायंत्र रेखांकन सर्वेक्षण)
Dec. 2021	B) Field Survey using Plane table (समतलपाट साहाय्याने क्षेत्र रेखांकन सर्वेक्षण) i) Open Traverse Method (विवृत रेखांकन पद्धती)
January 2022	B) Field Survey using prismatic compass (लोलकीय होकायंत्र साहाय्याने क्षेत्र रेखांकन सर्वेक्षण) ii) Close Traverse Method (संवृत रेखांकन पद्धती)
February 2022	Unit -2 A) Systems of Expressing Bearing. (दिगंश/ दिक् कोन व्यक्त करण्याच्या पद्धती) 1. Whole Circle Bearing. (पुर्णवर्तुळ दिगंश पद्धती) 2. Reduced Bearing. (वृत्तपाद/योजित दिगंश पद्धती)
March 2022	3. FB, BB of WCB. (अग्र, पश्च दिगंशाचे पुर्णवर्तुळ दिगंशात रूपांतर) 4. FB, BB of RB. (अग्र, पश्च दिगंशाचे वृत्तपाद/योजित दिगंशात रूपांतर)
April 2022	3. Conversion of Bearing. a) WCB into RB. (पुर्णवर्तुळ दिगंशाचे वृत्तपाद/योजित दिगंशात रूपांतर)
May 2022	4. Conversion of Bearing. b) RB into WCB. (वृत्तपाद/योजित दिगंशाचे पुर्णवर्तुळ दिगंशात रूपांतर)
June 2022	B) Correction of Bearing. (दिगंश दुरूस्ती) 1. Closing Error with Bowditch Method. (बाऊडविच नियम' ताळेबंधातील चुक दूरूस्ती) 2. Determination of the Height with the Help of Abny Level. (ऍबनी समतलित्राच्या सहाय्याने उंची निर्धारीत करने) **Exam-II IV VI Semester**
July 2022	**Exam-II IV VI Semester**

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Department of Geography

Name of Teacher: Dr. Udhav Chavan **Designation:** Assistant professor

Project Report Paper- XIX (Main, Annual) Marks: 100

T.Y.B.A Academic Teaching Plan 2021-2022

Month	Name of the topic / Practical taught
September 2021	Admission
October 2020	Writing research proposal (Topic and Area)
November 2021	Literature review-Reading and writing
Dec. 2021	Planning methods and write methods chapter
January 2022	Fieldwork, Data collection, Data analysis.
February 2022	Write results chapters. Write analysis chapter and refine methods chapter.
March 2022	Write discussion chapter. Write introduction and conclusion.
April 2022	Write discussion chapter. Write introduction and conclusion. Major editing Final proof reading.
May 2022	Submit final Synopsys.
June 2022	Final draft Binding.
July 2022	Submission and Result.

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Monthwise Teaching Plan 2021-2022

Name of Faculty: - Dr.Shinde S.M. Department – Geography Class: -S.Y.B.A.

Paper: - VII-**Population Geography.**

SEM-III

Sr.No.	Month	Topic/ Practical's to be Completed
1	Sept 2021	I)Population Geograpy- 1-Defination 2-Nature 3-Scope and Significance 4-Sources of Population data.
2	Oct. 2021	II)Distribution of Population 1-Factors affecting on Population distribution and density. 2-Population Distribution patterns-World and India.
3	Nov 2021	3-Densily, Mortality and Fertility population region of the World.
4	Dec, 2021	III)Composition of Population – 1- Age and Sex composition, 2- Rural-Urban composition, 3- Economic composition ' 4- Determinates, World regional patterns, 5- Composition of population in India.
5	Jan 2022	IV)Migration- 1-Meaning, 2-Classification and their determinates and consequences of Migration, 3-Migration in India.

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Monthwise Teaching Plan 2021-2022

Name of Faculty: - Dr.Shinde S.M. Department – Geography Class: -S.Y.B.A.

Paper: - IX-Settlement Geography.

SEM-IV

Sr. No.	Month	Topic/ Practical's to be Completed
1	March 2022	I)Settlement Geography – 1-Nature, 2- Scope and content. 3-Definition of rural and urban Settlements, 4-Merits and Limitations.
2	April 2022	II)Settlement site and structure- 1-Internal morphology, 2-External forms, 3-Field patterns, 4-Functions and House types.
3	May 2022	III)Spatial organization- 1-Size, 2-Spacing and hierarchy of settlements, 3-Emergence and characteristics of urban settlements.
4	June 2022	IV) Silent features of human settlements in India.

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Monthwise Teaching Plan 2021-2022

Name of Faculty: - Dr.Shinde S.M. Department – Geography Class: -S.Y.B.A.

Paper: - X- Practical

SEM-III & IV

Sr. No.	Month	Topic/ Practical's to be Completed
1	Sept 2021	I)Mechanism and Uses of Wether Instruments I-Thermometer II-Maximum and Minimum Thermometer III-Dry and Wet Bulb thermometer IV-Aneriod Barometer V-Fortins Barometer VI-Wind Vane VII-Cup Anemometer
2	Oct. 2021	VIII-Rain Guage IX-Hygrometer II) A) Conventional Signs and Symbols Used in IDWR. B) Interpretation of IDWR 1-Winter Season.
3	Nov 2021	2-Summer Season. 3-Rainy Season.
4	Dec, 2021	III) A) Cartographic Techniques , i-Definition ii-Nature and Scope iii-Imortance of Cartography B) Representation of Climatic Statistical data by Using Following Cartographic Techniques. i) Climograph ii) Hythergraph iii) Star Diagram iv) Wind Rose
5	Jan 2022	v) Ergograph vi) Isobars vii) Isotherms viii) Isohyets.

		IV)Representation of Statistical Data by Using following Methods i-Line and Bar Graph ii-Polygraph iii-Divided Circle
6	March 2022	iv-Rectangle Divided v-Dot Method vi-Choropleth Map vii-Proportional Circle (Located) viii-Proportional Square (Located)
7	April 2022	ix-Proportional Cube (Located) x-Proportional Sphere (Located) V A) i-Latitude ii-Longitude iii-Direction iv-Area and Great Circle
8	May 2022	B) Map Projection i-Definition ii- Classification of Map Projection. C) Construction , Properties, Uses & Choice of the following Map Projection i-Zenithal Polar Gnomonic Projection ii-Zenithal Equal Area Projection
9	June 2022	iii-Simple Conical Projection iv-Conical Projection with two standard parallel v-Simple Cylindrical Projection vi-Cylindrical Equal Area Projection

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Monthwise Teaching Plan 2021-2022

Name of Faculty: - Dr.Shinde S.M. Department – Geography Class: -T.Y.B.A.

Paper: - XI- Physical Geography of India

SEM-V Subsidiary

Sr. No.	Month	Topic/ Practical's to be Completed
1	Sept 2021	I) i- India in the context of south east and south Asia ii-India: a land of diversities iii-Unity within diversities iv- Shape and Size v-Physical landscape of India
2	Oct. 2021	v-Physical landscape of India II)i- Drainage systems of India
3	Nov 2021	i-Drainage systems of India their functional significance ii-Climate : Regional and seasonal variations of climate iii-Monsoons
4	Dec, 2021	III) Soil types of India their distribution and characteristics
5	Jan 2022	IV) Natural Vegetation: Forest types and their distribution in India.

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Monthwise Teaching Plan 2021-2022

Name of Faculty: - Dr.Shinde S.M. Department – Geography Class: -T.Y.B.A.

Paper: - XIII- Industrial Geography of Maharashtra

SEM-V Main

Sr. No.	Month	Topic/ Practical's to be Completed
1	March 2022	I)i-Nature , scope and recent developments of Industry in Maharashtra ii - Elements and factors of localization of Industries.
2	April 2022	II) Distribution and spatial pattern of Industries in Maharashtra. i-Cotton and Textile Industries ii-Petro chemical Industries iii-Sugar cane Industries iv-Automobile Industries
3	May 2022	III)i-Industrial belt in Maharashtra and tjeir Characteristics, ii- Impact of industries on economic development of Maharashtra.
4	June 2022	IV)i- Role of globalization Industrial sector, ii- Shifting of industries and its impact on the urban fring, iii- Changing industrial policy in Maharashtra.

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Monthwise Teaching Plan 2021-2022

Name of Faculty: - Dr.Shinde S.M. Department – Geography Class: -T.Y.B.A.

Paper: - XV- Agricultural Geography of India

SEM-VI Subsidiary

Sr. No.	Month	Topic/ Practical's to be Completed
1	March 2022	I)i-Nature, scope significance and development of Agricultural Geography. ii – Origin and dispersal of Agricultural in India.
2	April 2022	II) Agriculture in India i-Agricultural landuse, ii-Cropping Pattern, iii-Regional pattern of productivity in India, iv- Agricultural policy in India.
3	May 2022	III)Distribution and production of major crops in India, i-Rice ii- Wheat iii- Jowar iv- Cotton
4	June 2022	v- Sugarcane vi- Tea. IV) Green Revolution in India.

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Monthwise Teaching Plan 2021-2022

Name of Faculty: - Dr.Shinde S.M. Department – Geography Class: -T.Y.B.A.

Paper: - XIV- Geography of Resources

SEM-VI Main

Sr. No.	Month	Topic/ Practical's to be Completed
1	March 2022	I)i-Meaning , Nature and scope of Resource Geography. ii-Significance of natural resources.
2	April 2022	II) Classification of Resources i-Renewable and Non-renewable Resources: ii-Biotic: forest iii-Wildlife, iv-Livestock, v-Fisheries, vi-agricultural crops, vii-abiotic-land, viii-Water and minerals.
3	May 2022	III)Distribution and utilizationof, i-Water ii-Mineral iii-Energy resources.
4	June 2022	IV) Conservation of major resources- i-Soil, ii-Water, iii-Forest, iv-Minerals.

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Monthwise Teaching Plan 2021-2022

Name of Faculty: - Dr.Shinde S.M. Department – Geography Class: -T.Y.B.A.

Paper: - XVII- Practical (Subsidiary)

SEM-V & VI

Sr. No.	Month	Topic/ Practical's to be Completed
1	Sept 2021	I) Measures of Central Tendency- i- Mean ii- Median
2	Oct. 2021	**ii- Median** **iii- Mode**
3	Nov 2021	II) Measures of Deviation- i-Mean Deviation
4	Dec, 2021	ii- Quartile Deviation
5	Jan 2022	iii- Standard Deviation
6	March 2022	**III) Correlation-** **i-Spearman's Method**
7	April 2022	ii-Karl Pearson's Method
8	May 2022	IV) Regression equation by least Square Method- i-Regression line ' X ' on ' Y ' ii-Regression line ' Y ' on ' X '
9	June 2022	iii-Chi-Square Test. V) Report Writing

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MONTH WISE TEACHING PLAN

Class F.Y. S.Y. T.Y. B.com. Paper ( )

Sr. No.	Month	Topics / Practicals to be Completed
1)	Sept 2021	
	F.Y.B.com	(1) Business Mathematics and Statistics - I Unit - I :- Introduction to Statistics — Meaning, Definition, Importance and Limitations of Statistics.
		(2) Entrepreneurship development - I Unit :- Entrepreneur Concept of Entrepreneur, Definition, Characteristics.
	S.Y.B.com	
		(1) Marketing management — Unit - I :— Introduction to marketing Definition, nature, scope and importance of marketing,
	T.Y.B.com	
		(1) Management Accounting — Unit - I — Introduction to management Accounting — Meaning, Definitions, features, scope, Importance, and Functions of management Account.

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MONTH WISE TEACHING PLAN

Class T.Y.S.Y.T.Y. B.Com. Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed
	T.Y. B.com -	(2) Computerized Accounting - Unit-I — Introduction to Computerized Accounting - Computerized Accounting need & significance, Evolution from manual to computerized Accounting system.
2)	Oct. 2021	
	F.Y. B.com	1) Business Mathematics and statistics-I Unit-I — measures of central Tendency - Introduction, definition, types of averages mean, median, and mode.
		2) Entrepreneurship development Unit-II - Entrepreneurship - Concept meaning, definitions, characteristics Importance of Entrepreneurship.

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Class F.Y.S.Y.T.Y B.Com Paper ( )

Sr. No.	Month	Topics / Practicals to be Completed
	S.Y.B.Com	
		(1) Marketing Management — Unit-I :- Strategic and Ethical marketing — marketing strategic definition and features, steps in strategic marketing planning process.
	T.Y.B.Com	
		(1) Management Accounting — Unit-II — Analysis and Interpretation of Financial statement : meaning, definition, objectives, scope of Financial statement, Financial statement Analysis.
		(2) Computerized Accounting :- Unit-II :- Fundamentals of computerized Accounting — Start-up & Quit, screen components, setting up a new company Select, Alert & Delete a company.

Dr. Shinde C. B.

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Class F.Y.S.Y.T.Y. B.Com Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed
3)	NOV-2021	
	F.Y.B.Com.	
	(1)	Business mathematics and statistics-I Unit-III :- measures of Dispersion & Skewness :- Introduction, Definition, objectives of measuring Dispersion mean deviation and its co-efficient
	(2)	Entrepreneurship development Unit-II - The Dynamic new Trends of Entrepreneurship
	S.Y.B.Com	
	(1)	Marketing management - Unit-III - marketing mix and channels of Distribution
	T.Y.B.Com	
	(1)	Management Account - Unit-III - Ratio Analysis -

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Class. F.Y.S.Y.T.Y B.com Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed
	T.Y. B.com (2)	Computerized Accounting: Unit-III :- Vouchers; Accounting Vouchers
4)	Dece - 2021 F.Y. B.com (1)	Business mathematics and statistics Unit-IV :- Determinants -
	(2)	Entrepreneurship Development Unit-IV - Evolution of Entrepreneurship in 21st century -
	S.Y. B.com - (1)	Marketing management - Unit-IV :- Marketing management and marketing Environment.
	T.Y. B.com (1)	Management A/C Unit-IV :- Fund Flow Statement

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Class F.Y.S.Y.T.Y B.com Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed
	B.com T.Y. ②	Computerized Accounting Unit - IV :- Reports : Accounting Reports
	Jan - 2022	
	F.Y.B.com ①	Business math & stat - Unit - V :- Matrices
	②	Entrepreneurship Development Unit : V - project Identification
	S.Y.B.com ①	marketing management - Unit - V - Agriculture marketing
	T.Y.B.com ①	Management Account Unit - V - Cash flow Statement
	②	computerized Accounting Unit - V - GST Functionality.

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Class F.Y.S.Y.T.Y. B.com Paper ( )

Sr. No.	Month	Topics / Practicals to be Completed
17	March 2022	
	F.Y.B.com Sem-II	(1) Business math & Stat. Unit - I :- Logarithms (2) Entrepreneurship development Unit - I - Originating Theories of Entrepreneurship
	S.Y.B.com	(1) Business Environment ~~Marketing Management~~ Unit - I - Business Environment
	T.Y.B.com	(1) management Account Unit - I - Working capital management. (2) Computerized Accounting Unit - I :- Advance computerized Accounting Features.

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Class F.Y.S.Y.T.Y.B.com Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed
	April-2022-	
	F.Y.B.com sem-II. (1)	Business math & Stat.
		Unit-II- Regression
	(2)	Entrepreneurship Development
		Unit-II- Innovation in Entrepreneurship
	S.Y.B.com (1)	Business Environment
		Unit-II- Problem of Growth
	T.Y.B.com	
	(1)	Management Account.
		Unit-II- Budgetary Control
	(2)	computrized Accounting
		Unit-II- Advance Inventory Features in Computrized Accounting

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Class F.Y.S.Y.T.Y. B.com Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed
	~~March~~ May -2022 sem-II	
	F.Y. B.com	(1) Business math & Stat Unit - III — Index Numbers.
		(2) Entrepreneurship development Unit - II — Enterpreneurship in 21st century.
	S.Y. B.com	(1) Business Environment Unit - II — Government Policies
	T.Y. B.com	(1) management Account Unit - III Types of Budgets.
		(2) Computrized Accounting Unit - III - Advanced G.ST. Transactions

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Class F.Y.S.Y.T.Y B.com Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed
	June- 2022	
	F.Y.B.com sem-II	① Business Math & Stat Unit - IV - probability and Expected value Unit - V :- statistical Application with Computer
		② Entrepreneurship development Unit - IV - New Trends in Entrepreneurship Unit - V :- project management
	S.Y.B.com	① Business Environment Unit - IV - Economic Trends Unit - V :- International Business Environment
	T.Y.B.B.com	① Management Account Unit - IV - capital Budgeting. Unit - V :- Responsibility Accounting

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MONTH WISE TEACHING PLAN

Class F.Y.S.Y.T.Y. B.com Paper( ) .....

Sr. No.	Month	Topics / Practicals to be Completed
	B.com.T.Y.	
	(2)	computrized Accounting Unit-IV :- Tax Deducted at source. Unit-V :- Technological Features in Accounting Software.

Dr. Shinde C. B.

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2021-2022

Teacher Name - Dr. Nath M.N. , Department - Commerce.

Class - ~~S~~. Y B.com Paper - Business and Industrial Economics.

Sr. No.	Month	Topic/ Practical's to be Completed
1	Sept. 2021	Introduction to Business Economics:- Meaning, Definition, Nature
2	Oct. 2021	characteristics, significance and scope of Business Eco, objectives of Bus. firm.
3	Nov. 2021	Theory of consumer Behaviours:- The indifference curveapproach.
4	Dec. 2021	Meaning definition properties, of indifference curve consumers equilibbricum.
5	Jan. 2022	Elasticity of Demand:-concept, Measurement.
6	Feb. 2022	price elasticity, incomeelasticityand cross elasticity, Average Revenue Demand forecasting Meaning
7	March 2022	Market structures:- Market structures and Busines decisions.
8	April 2022	objectives of a businessfirm. Secarities Exchange Board of India
9	May 2022	factor pricing:- Marginal productivity theory
10	June 2022	determination of wage rate under perfect competition and monopoly.

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2021-2022

Teacher Name - D. Nath M.N. , Department - commerees.

Class - S.Y B.com Paper - corporate Account.

Sr. No.	Month	Topic/ Practical's to be Completed
1	Sept. 2021	Issue and forfeiture of shares, Re-issue of forfeited shares.
2	Oct. 2021	Redemption of Debentures.
3	Nov. 2021	Redemption of preference shares.
4	Dec. 2021	Final Accounts of Joint stock company
5	Jan. 2022	profiit prior to Incorporation
6	Feb. 2022	Amalgamation of Joint stock company
7	March 2022	Absorption of Joint stock company.
8	April 2022	Reconstruction of Joint stock company.
9	May 2022	Accounts of Holding company
10	June 2022	Liquidation of Joint stock company.

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2021-2022

Teacher Name - Dr. Nath M. N. , Department -

Class - S. Y B.com Paper - I-T. Application in Business - III - IV

Sr. No.	Month	Topic/ Practical's to be Completed
1	Sept. 2021	Introduction to Internet Workspace
2	Oct. 2021	Fondamentals of E-Mail:
3	Nov. 2021	Fcondeamentel of oneline Scervey forms.
4	Dec. 2021	Indrodeection to cyber crime.
5	Jan. 2022	Mobile and Wireless Devices.
6	Feb. 2022	Introdeection to E-commerce
7	March 2022	E - Marketplaces.
8	April 2022	E- Business Application and E-payment systems
9	May 2022	E Business Impeact on Different Fields and Indstries.
10	June 2022	E - Government.

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2021-2022

Teacher Name - Dr. Nath M.N. , Department -

Class - T.Y B.com Paper - Supply chain Management & Logistics, Advertising and salesmanship

Sr. No.	Month	Topic/ Practical's to be Completed
1	Sept. 2021	Supply chain Management.
2	Oct. 2021	concept of Logistics
3	Nov. 2021	Customer Services.
4	Dec. 2021	Logistics outsourcing.
5	Jan. 2022	components of supply chain & Logistics
6	Feb. 2022	concept of Salesmanship
7	March 2022	process of selling and sales promotion
8	April 2022	Advertising and Media of Advertising
9	May 2022	Advertising Media.
10	June 2022	Advertising Agencies.

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2021-2022

Teacher Name - Dr. Nath M.N. Department - commerces.

Class - T.Y B.com Paper - Accounting / Dire

Sr. No.	Month	Topic/ Practical's to be Completed
1	Sept. 2021	Introduction Meaning and objectives of Auditing.
2	Oct. 2021	Audit planning and control procedures.
3	Nov. 2021	vouching and verification
4	Dec. 2021	company Auditor.
5	Jan. 2022	Recent trends in Auditing.
6	Feb. 2022	Income Tax Act 1961
7	March 2022	Income from salary
8	April 2022	Income from Business and profession
9	May 2022	Income from House property.
10	June 2022	Income from other sources.

Dr. Nath M.N.

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2021-2022

Teacher Name - Dr. A. M. Korade , **Department –** Economics

Class – F. Y. **Paper –** I, III Micro Economics & price Theory

Sr. No.	Month	Topic/ Practical's to be Completed
I Sem 1	Sept. 2021	Introduction of micro Economics The Law of Demand.
2	Oct. 2021	The Low of supply
3	Nov. 2021	Theory of consumer Behavier
4	Dec. 2021	Analysis of market Equilibrium
5	Jan. 2022	The Law of supply _ Market Equilibrium
6	Feb. 2022	Exam.
II Sem 7	March 2022	Theory of price Introduction
8	April 2022	Theory of production,
9	May 2022	production cost & Analysis of Income, Type of markets.
10	June 2022	Distrubution of production Events

(Dr. A. M. Korade)

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2021-2022

Teacher Name - Dr. Korade A. M , **Department –** Economics

Class – S. Y **Paper –** V, VII, Macro Economics & public Economics

III Sem

Sr. No.	Month	Topic/ Practical's to be Completed
1	Sept. 2021	Macro Economics Introduction
2	Oct. 2021	National Income
3	Nov. 2021	Theory of money
4	Dec. 2021	Employment and Income
5	Jan. 2022	Theory of trade cycle
6	Feb. 2022	Examination
7	March 2022	Introduction of public finance
8	April 2022	public Revenue, public Revenue & public finance
9	May 2022	public Debts
10	June 2022	Union Budget,

IV Sem

(Dr. A M Korade)

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2021-2022

Teacher Name - Dr. Korade A. M. , **Department –** Economics

Class – T. Y **Paper –** ~~IX~~, ~~XIII~~, International Economics & Research methodology

Sr. No.	Month	Topic/ Practical's to be Completed
1	Sept. 2021	International Economics. Introduction, concepts
2	Oct. 2021	Importance of trade and trade Theories
3	Nov. 2021	Gains from trade
4	Dec. 2021	Tariffs and quatas
5	Jan. 2022	Balance of payments
6	Feb. 2022	Examination
7	March 2022	Research methodology, Introduction
8	April 2022	Research Design, Data collection
9	May 2022	Data presentation & Analysis
10	June 2022	Data collection.

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(Dr. A. M. Korade)

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College Kada,

Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2021-2022

Teacher Name - Dr. S. R. Magar **Department – Public Administration**

Class – B. A. F. Y. **Paper – I लोकप्रशासनाची तत्वे आणि संकल्पना**

Sr. No.	Month	Topic/ Practical's to be Completed
1	Sept. 2021	लोकप्रशासन- अर्थ, स्वरूप, व्याप्ती आणि महत्व, लोकप्रशासन आणि खाजगी प्रशासन साम्य आणि भेद.
2	Oct. 2021	संघटना – अर्थ, संघटनेचे घटक, प्रकार, सल्लागार घटक आणि मुख्य कार्यपालिका
3	Nov. 2021	संघटनेची तत्वे – अधिकार परंपरा, नियंत्रण क्षेत्र, आदेशाची एकता,
4	Dec. 2021	संघटनेची तत्वे- समन्वय, निर्णय क्षमता. लोकप्रशासनाची संकल्पना – प्रशासकीय नियोजन, नेतृत्व
5	Jan. 2022	लोकप्रशासनाची संकल्पना – प्रशासकीय पर्यवेक्षण, संदेशवहन, जनसंपर्क.
Paper – II भारतातील लोकप्रशासन		
1	Feb. 2022	भारतीय प्रशासनाची उत्क्रांती, घटनात्मक चौकट- प्रस्तावना, मुलभूत अधिकार
2	March 2022	घटनात्मक चौकट – राज्याची नीती निर्देशक तत्वे, मुलभूत कर्तव्य, केंद्र शासन – राष्ट्रपती, पंतप्रधान, मंत्री परिषद
3	April 2022	केंद्रीय कायदेमंडळ
4	May 2022	न्यायपालिका, वैधानिक संस्था
5	June 2022	अवैधानिक संस्था, २००५ चा कायदा.

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Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College Kada,

Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2021-2022

Teacher Name - Dr. S. R. Magar **Department – Public Administration**

Class – B. A. F. Y. **Paper – III महाराष्ट्र प्रशासन**

Sr. No.	Month	Topic/ Practical's to be Completed
1	Sept. 2021	महाराष्ट्र राज्य – निर्मिती, वैशिष्ट्ये
2	Oct. 2021	राज्य कार्यकारिणी- राज्यपाल, मुख्यमंत्री, मंत्रीपरीषद, मुख्य सचिव, राज्य सचिवालय, राज्य संचालक
3	Nov. 2021	राज्याचे कायदेमंडळ – विधानसभा, विधानपरिषद, विधिमंडळ समित्या.
4	Dec. 2021	राज्याचे न्यायमंडळ – उच्च न्यायालय, जनहित याचिका,जिल्हा सत्र न्यायालय, महाधिवक्ता.
5	Jan. 2022	संविधानिक आणि वैधानिक संस्था
Paper – IV जिल्हा प्रशासन		
1	Feb. 2022	जिल्हा प्रशासन – उत्क्रांती, अर्थ आणि महत्व.
2	March 2022	जिल्हाधिकारी – अधिकार आणि कार्य, बदलती भूमिका.
3	April 2022	कायदा आणि सुव्यवस्था – अर्थ, तत्वे आणि यंत्रणा. जिल्हा प्रशासनातील मुख्य पदे – उप विभागीय अधिकारी, तहसीलदार.
4	May 2022	जिल्हा प्रशासनातील मुख्य पदे – तलाठी,पोलीस पाटील, जनसंपर्क अधिकारी, जिल्हा पोलीस प्रशासन – महत्व, पोलीस अधीक्षक- अधिकार, कार्ये आणि बदलती भूमिका.
5	June 2022	गुन्हे अन्वेषन विभाग, स्थानीय गुन्हे विभाग, पोलीस प्रशासनातील समस्या आणि आव्हाने.

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Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College Kada,

Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2021-2022

Teacher Name - Dr. S. R. Magar **Department – Public Administration**

Class – B. A.S.Y. **Paper – V कर्मचारी प्रशासन**

Sr. No.	Month	Topic/ Practical's to be Completed
1	Sept. 2021	कर्मचारी प्रशासन – अर्थ आणि कार्ये. भारतातील सार्वजनिक सेवा – अखिल भारतीय सेवा, केंद्रीय सेवा – स्वरूप आणि कार्ये.
2	Oct. 2021	राज्य सेवा - स्वरूप आणि कार्ये. प्रशिक्षण, प्रशिक्षण संस्था.
3	Nov. 2021	बढती – अर्थ, तत्वे. भारतातील तक्रार निवारण यंत्रणा – केंद्रीय दक्षता आयोग, लोकपाल.
4	Dec. 2021	कर्मचारी प्रशासनाच्या समस्या – नैतिकता, शिस्त, भ्रष्टाचार, तटस्थता.
5	Jan. 2022	प्रशासकीय न्यायाधिकरण- केंद्रीय प्रशासकीय न्यायाधिकरण, महाराष्ट्र प्रशासकीय न्यायाधिकरण, सेवानिवृत्ती .
Paper –VI पंचायत राज आणि ग्रामीण विकास		
1	Feb. 2022	पंचायत राजची उत्क्रांती – लॉर्ड मेयोचा ठराव, लॉर्ड रिपनचा ठराव, सामुदायिक विकास कार्यक्रम, बलवंतराय समिती, ७३ वी घटना दुरुस्ती.
2	March 2022	महाराष्ट्रातील पंचायत राज व्यवस्था – वसंतराव नाईक समिती, जिल्हा परिषद, पंचायत समिती, ग्रामपंचायत आणि ग्रामसभा – रचना आणि कार्ये.
3	April 2022	ग्रामीण विकास – संकल्पना आणि कार्यक्रम, ग्रामीण विकास मंत्रालय – रचना आणि कार्ये.
4	May 2022	ग्रामीण विकासाच्या संस्था – जिल्हा ग्रामीण विकास संस्था, जिल्हा नियोजन समिती.
5	June 2022	पंचायत राज संस्थांचे आर्थिक स्त्रोत.

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Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College Kada,

Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2021-2022

Teacher Name - Dr. S. R. Magar **Department – Public Administration**

Class – B. A.S.Y. **Paper – VII** वित्तीय प्रशासन

Sr. No.	Month	Topic/ Practical's to be Completed
1	Sept. 2021	वित्तीय प्रशासन – अर्थ आणि महत्व. वित्त मंत्रालय – रचना आणि कार्ये.
2	Oct. 2021	अर्थसंकल्प – अर्थ, चांगल्या अर्थसंकल्पाची तत्वे, अर्थसंकल्प- प्रक्रिया, अंमलबजावणी.
3	Nov. 2021	खाते आणि लेखापरीक्षण – अर्थ आणि महत्व, नियंत्रक आणि महालेखापरीक्षक
4	Dec. 2021	संसदीय नियंत्रण – लोकलेखा समिती, अंदाज समिती.
5	Jan. 2022	नवीन आर्थिक धोरण – उदारीकरण, खाजगीकरण, जागतिकीकरण.
Paper –VIII शहरी स्थानिक स्वराज्य संस्था आणि शहर विकास		
1	Feb. 2022	शहरीकरण – अर्थ, कारणे आणि परिणाम, महाराष्ट्रातील स्थानिक स्वराज्य संस्था – महानगरपालिका, नगरपरिषद.
2	March 2022	नगर पंचायत, छावणी मंडळ, ७४ वी घटना दुरुस्ती, शहर विकास मंत्रालय – रचना आणि कार्ये.
3	April 2022	शहर विकास संस्था – सिडको, हडको म्हाडा.
4	May 2022	शहरीकरणाच्या समस्या – झोपडपट्टी, प्रदूषण, दळणवळण आणि पाणी पुरवठा.
5	June 2022	प्रमुख शहर विकास कार्यक्रम – शहर नियोजन, झोपडपट्टी विकास कार्यक्रम.

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Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College Kada,

Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2021-2022

Teacher Name - Dr. S. R. Magar **Department – Public Administration**

Class – B. A.T.Y. **Paper – IX** मानव संसाधन विकास

Sr. No.	Month	Topic/ Practical's to be Completed
1	Sept. 2021	मानव संसाधन विकास – अर्थ, स्वरूप आणि महत्व. मानव संसाधन विकास मंत्रालय.
2	Oct. 2021	मानव संसाधन विकासातील संस्थांची भूमिका
3	Nov. 2021	मानव संसाधन विकासाची साधने – उच्च शिक्षण आणि संशोधन, व्यावसायिक आणि तांत्रिक शिक्षण, मूल्य शिक्षण, व्यक्तिमत्व विकास.
4	Dec. 2021	मानव संसाधन व्यवस्थापन – अर्थ, स्वरूप, महत्व आणि उद्देश. भरती.
5	Jan. 2022	मानव संसाधन नियोजन – संकल्पना,गरज आणि महत्व, नियोजन प्रक्रिया.
Paper –X भारतातील शैक्षणिक प्रशासन		
1	Feb. 2022	शिक्षण – अर्थ, उद्देश आणि महत्व. शिक्षणाचा पार्श्वभूमी.
2	March 2022	उच्च शिक्षण संस्था – विद्यापीठ अनुदान आयोग, उच्च शिक्षण संचनालय, विद्यापीठ, महाविद्यालये.
3	April 2022	उच्च शिक्षण संस्थांतील गुणवत्ता नियंत्रण संस्था – नॅक, अखिल भारतीय तांत्रिक शिक्षण परिषद.
4	May 2022	भारतातील उच्च शिक्षणासमोरील आव्हाने
5	June 2022	जागतिकीकरण आणि उच्च शिक्षण – महत्व आणि परिणाम

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Dept of Pub. Adm

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College Kada,
Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2021-2022

Teacher Name - Dr. S. R. Magar **Department - Public Administration**

Class - B. A.T.Y. **Paper - XIII** सार्वजनिक धोरण आणि विकास

Sr. No.	Month	Topic/ Practical's to be Completed
1	Sept. 2021	सार्वजनिक धोरण – अर्थ, उद्देश, प्रकार आणि प्रक्रिया.
2	Oct. 2021	सार्वजनिक धोरण निर्मिती – कार्यपालिका, कायदेमंडळ, न्यायपालिका, प्रसार माध्यमे, नागरी समाज.
3	Nov. 2021	सार्वजनिक धोरणाची अंमलबजावणी – कार्यपालिका, नौकरशाही, भारतातील सार्वजनिक धोरणे – निर्गुंतवणूक धोरण, राष्ट्रीय जल धोरण.
4	Dec. 2021	अन्न सुरक्षा कायदा, जमीन सुधारणा विधेयक. विकास : अर्थ आणि संकल्पना – शाश्वत विकास, सर्वसमावेशक विकास.
5	Jan. 2022	पुरा. विकासा समोरील आव्हाने
Paper -XIV भारतातील शैक्षणिक प्रशासन		
1	Feb. 2022	भारतातील आरोग्य व्यवस्था – आरोग्य सेवा प्रशासन, राष्ट्रीय आरोग्य धोरण.
2	March 2022	आरोग्य आणि कुटुंब कल्याण मंत्रालय – संघटना, मुख्य कार्यक्रम.
3	April 2022	राष्ट्रीय ग्रामीण आरोग्य मिशन – ध्येय, संस्थात्मक यंत्रणा, महत्व.
4	May 2022	आरोग्य निर्धारण - सुरक्षित पेयजल, पोषण आहार, स्वच्छता आणि आरोग्य, आरोग्य शिक्षण, आरोग्य सेवेची उपलब्धता.
5	June 2022	भारतातील आरोग्यसेवा क्षेत्रातील आव्हाने – आर्थिक साधने, कर्मचारी कमतरता, सामुदायिक सहभाग.

HOD

Dept. of Pub. Adm

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2021-2022

Teacher Name - Bhosale S.E. , Department - Sociology.

Class - F. Y. Paper - I Introduction to Sociology (समाजशास्त्राचा परिचय) & III - Introduction to Subfields of Sociology.

Sr. No.	Month	Topic/ Practical's to be Completed
1	Sept. 2021	समाजशास्त्राचा परिचय
2	Oct. 2021	मुलभूत संकल्पना
3	Nov. 2021	मुलभूत संकल्पना
4	Dec. 2021	समाजशास्त्रातील विविध दृष्टिकोन
5	Jan. 2022	समाजशास्त्राचा उपयोगिता.
6	Feb. 2022	समाजशास्त्र आणि समाज
7	March 2022	समाजशास्त्र आणि समाज.
8	April 2022	समाजशास्त्र आणि आंतरक्रिया
9	May 2022	समाजशास्त्र आणि संस्कृती
10	June 2022	समाजशास्त्राचे उपयोजित स्वरूप.

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Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2021-2022

Teacher Name - Bhosale S.E. , Department - Sociology.

Class - F. Y. Paper - II - Individual and Society.
IV - Indian Social composition

Sr. No.	Month	Topic/ Practical's to be Completed
1	Sept. 2021	व्यक्ती आणि समाज.
2	Oct. 2021	सामाजिक संरचना.
3	Nov. 2021	सामाजिक स्तरीकरण.
4	Dec. 2021	सामाजिक परिवर्तन
5	Jan. 2022	सामाजिक नियंत्रण.
6	Feb. 2022	भारतीय समाजाची लक्षणे.
7	March 2022	भारतीय समाजाची लक्षणे.
8	April 2022	भारतीय लोकसंख्या.
9	May 2022	लोकशाही आणि धर्मनिरपेक्षता
10	June 2022	ग्रामीण आणि शेतजमिन रचना.

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Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2021-2022

Teacher Name - Bhosale S.E. , Department - Sociology.

Class – S. Y. Paper - V - Problems of Rural India.
VII - Population in India.

Sr. No.	Month	Topic/ Practical's to be Completed
1	Sept. 2021	સંરચનાત્મક પ્રકાર્ય
2	Oct. 2021	સંરચનાત્મક પ્રકાર્ય.
3	Nov. 2021	શિક્ષણ અને આરોગ્ય.
4	Dec. 2021	ગ્રામીણ અર્થવ્યવસ્થા
5	Jan. 2022	ગ્રામીણ વિકાસમાર્ગમાં અડચણો.
6	Feb. 2022	જનસંખ્યા - મુળભૂત સંકલ્પના
7	March 2022	જનસંખ્યા - મુળભૂત સંકલ્પના
8	April 2022	ગણિતીય માનવી જનસંખ્યા.
9	May 2022	જનસંખ્યા સંક્રમણ.
10	June 2022	જનસંખ્યા શોષણ.

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Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2021-2022

Teacher Name - Bhosale S.E. , Department - Sociology,

Class - S. Y. Paper - VI - Contemporary Urban Issues, VII - Sociology of Development

Sr. No.	Month	Topic/ Practical's to be Completed
1	Sept. 2021	નાગરિકરણ
2	Oct. 2021	નાગરિકરણાચ્યા સમસ્યા.
3	Nov. 2021	નાગરિકરણાચ્યા સમસ્યા. નાગરી નિયોજન
4	Dec. 2021	નાગરી નિયોજન. જાગાતિકીકરણ આણિ નાગરી પરિવર્તન.
5	Jan. 2022	જાગાતિકીકરણ આણિ નાગરી પરિવર્તન.
6	Feb. 2022	વિકાસ સંબોધિત સંકલ્પનાત્મક દૃષ્ટિકોન.
7	March 2022	વિકાસાચે પ્રશ્ન.
8	April 2022	વિકાસાચે પ્રશ્ન. વિકાસ દૃષ્ટિકોન.
9	May 2022	વિકાસ દૃષ્ટિકોન.
10	June 2022	વિકાસાચા ભારતીય અનુભવ.

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Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2021-2022

Teacher Name - Bhosale S.E. , **Department -** Sociology.

Class - T. Y. **Paper -** IX - Sociological Traditions
XIII - Sociological Theories.

Sr. No.	Month	Topic/ Practical's to be Completed
1	Sept. 2021	સમાજશાસ્ત્રીય વિચારોંચા વિકાસ : પ્રબોધનકાળ
2	Oct. 2021	સમાજશાસ્ત્રીય વિચારોંચા વિકાસ - ફ્રેંચ રાજ્યક્રાંતી, ઔદ્યોગિક ક્રાંતી.
3	Nov. 2021	આદર્શવિચારવંત - ઑગાસ્ટ કૉમ્ટ, હર્બર્ટ સ્પેન્સર.
4	Dec. 2021	આદર્શવિચારવંત - દરખાઈમ. અભિજાત પરંપરા - કાર્લમાર્क्स.
5	Jan. 2022	અભિજાત પરંપરા - મૅક્સવેબર.
6	Feb. 2022	પ્રકાર્યવાદ - ટૅલ્કૉટ પાર્સન્સ.
7	March 2022	પ્રકાર્યવાદ - રૉબર્ટ મર્ટન. સંઘર્ષ સિદ્ધાંત - લેવિસ કોઝર.
8	April 2022	સંઘર્ષ સિદ્ધાંત - રાલ્फ ડેહરેનડાર્फ.
9	May 2022	પ્રતિકાત્મક આંતરક્રિયા - સી. એચ. કુલે.
10	June 2022	પ્રતિકાત્મક આંતરક્રિયા - જી. એચ. મીડ.

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Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2021-2022

Teacher Name - Bhosale S.E. , **Department -** Sociology

Class - T. Y. **Paper -** X - Introduction to Research methodology
XIV - Social search methods.

Sr. No.	Month	Topic/ Practical's to be Completed
1	Sept. 2021	સંશોધન પદ્ધતીતિલ મુળમૂત સંકલ્પના.
2	Oct. 2021	સંશોધનાચે પ્રકાર.
3	Nov. 2021	સંશોધનાચે ~~પ્રક્રિયા~~ પ્રકાર.
4	Dec. 2021	સંશોધન પ્રક્રિયા.
5	Jan. 2022	સંશોધન પ્રક્રિયા.
6	Feb. 2022	માહિતી સંકલનાચ્યા પદ્ધતી.
7	March 2022	માહિતી સંકલનાચ્યા પદ્ધતી.
8	April 2022	સંગણકાચા ઉપયોગ આણિ સાંખ્યિકી.
9	May 2022	સંગણકાચા ઉપયોગ આણિ સાંખ્યિકી સામાજિક સંશોધનાચી ઉપયુક્તતા.
10	June 2022	સામાજિક સંશોધનાચી ઉપયુક્તતા.

Bhosale S.E.

MONTH WISE TEACHING PLAN

Class B.A.F.Y. Paper (Sem I) Government & politics of Maharashtra

Sr. No.	Month	Topics / Practicals to be Completed
	Sept 2021	1) Historical and political Background of Maharashtra i) Sanyukt Maharashtra movement
	Oct	ii) State Reorganion commission 2) Organization of Government i) Executive:- Governor and C.M.
	NOV	ii) Legislature: composition power and functions iii) Judiciary: High court Structure and power
	Dec	3) Movements i) Cooperative Movement
	Jan	ii) Peasant Movement iii) Dalit Movement iv) Feminist Movement

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class B.A.F.Y. Paper (X) Government and Politics of Maharashtra

Sr. No.	Month	Topics / Practicals to be Completed
	Feb	Ideology and programme of political parties i) All India National Congress, NCP.
	March	ii) Shiv sena and Bharatiy Janta party, RPI, Bharip Bahujan Mahasangha. iii) Communist Parties (CPICM, CPI)
	April	Panchyati Raj i) Historical Background of panchyati Raj System with reference to Maharashtra
	May	ii) composition and function Gram panchyat.
	June	iii) Panchyat Samiti iv) Zilla- Parishd. (ZP.)

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN – 2021-22

Class B.A.I Paper (I) Basic Concept of Political Sci

Sr. No.	Month	Topics / Practicals to be Completed
		SEMISTER-I :-
1	July	1) State 1.1) meaning & Nature 1.2) Element of state 1.3) Theories of Orgin of state :- Divin theory, social contract, Theory Evolut Marxist Theo
2	August	Government :- 2.1) meaning & Defination. 2.2) Organ of Government :- Legislature Exective and Judiciary 2.3) Type of Government : unitary, Federal Parliamentary & Presidential.
3	September	Sovereigenty 3.1) meaning & defination & Types. 3.2) Austin's Theory of Sovereignty. 3.3) Pluralistic Theory of sovereignty. — Sitizenship & Rights — 4.1) citizenship meaning, Types and Methods of Acquisition
4	October	4.2 Meaning, Difination and Types of Rights and Duties.
5.	—	—

Period Allotted :- 60

Sr. No.	Month	Topics / Practicals to be Completed
		SEMISTER-II :-
6	November	- Liberty Equality, Justice. - meaning & Defination
7	December	2.1) Type of liberty and Equality 2.2) Idea of social Justice.
8	January	- Rights - 2.1) meaning and Nature. 2.2) Type of Rights.
9	February	Democracy :- 3.1) meaning & Feature. 3.2) Direct & Indirect Democracy 3.3) Merties and Dementis of Democ
10	March	- Welfare State - 4.1) meaning & Feteres 4.2) function of Welfare State.

Period Allotted :- 60

Dr. Talekar C.K.

MONTH WISE TEACHING PLAN

Class BA II ..... Paper (II) Indian Government & Politics - 2021-22

Sr. No.	Month	Topics / Practicals to be Completed
		SEMISTER-I
1	June	1) Indian Constitution 1.1) Sources 1.2) Preamble 1.3) Features
2	July	2) Constitutinal Provision 2.1) Fundamental rights 2.2) Directive principal of statepaliy
3	August	3) Union goverment 3.1) President 3.2) Parlimunt 3.3) Primminister 4) Budgetary Processand parlimentary 4.1) Budgetary Process
4	September	4.2) Public Account committee 4.3) Estimate committee 5) constitutinal institution 5.1) Attorney genral
5	octomber	5.2) comptroller and Auditor genral

Period Allotted - 60

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class BA II ..... Paper (II) Indian Government & Politics.

Sr. No.	Month	Topics / Practicals to be Completed
		SEMISTER II-
6	November	1) Supreme court 1.1) Struture, Power and functinons 1.2) power of judicial Review
7	December	2) central - state Relations 2.1) Legislative 2.2) Administrative 2.3) Financial
8	January	3) Ideology and problem of the political parties in india 3.1) Feature of party system in india 3.2) indra National congress party 3.3) Bharliya janta party 3.4) Community party
9	February	4) election commission and election Reforms 4.1) composition, power, Function Role, and importance
10	March.	4.2) electoral Reforms in indo

Period Allotted - 60

Dr. Talekar G.K.

MONTH WISE TEACHING PLAN – 2021-22

Class B.A III ..... Paper (VI) Western political Thinkers

Sr. No.	Month	Topics / Practicals to be Completed
		SEMISTER – I
1]	June	1) plato views on: Justices, communisum education, ideal state
2)	July	2) Aristotle views on:- state, citizenship Revolution 3) Niccolo Machiavelli Human Nature, advice to the Prince, views on Religion and Morality
3)	August	4) Thomas Hobbes Human Nature, social constract Theory and concept of sovereignty
4)	September	4) John Locke Human Natur, social Theory
5)	October	5) John Locke Ideal of Rights

Period Allotted – 60

MONTH WISE TEACHING PLAN

Class ..BA III ..... Paper (VI) Western political thinkers

r. No.	Month	Topics / Practicals to be Completed
		SEMISTER – II
6)	November	1) Jean Jacques Rousseau 1.1) Human Nature 1.2) social contract Theory 1.3) idial of genral will
7)	December	2) john stuart Mill 2.1) utilitarianisum 2.2) idea of liberty 2.3) Representative goverment
8)	January	3) Jeremy Bentham 3.1) ideas on state 3.2) ideas on goverment 3.3) Laws and Reform 3.4) Idea on Right 3.5) Idea on Punishment 3.6) utilitarianism
9)	February	4) Karl Marx 4.1) Dialectical Materilism 4.2) Materialistic interpretation of History 4.3) Theory of class struggle 4.4) Theory of surplus values 4.5) views of state Revalution
10)	March	5) Harold Laski 5.1) plurality Theory of sovereignty 5.2) views on liberty

Period Allotted – 6(

Dr. Talekar C.K.

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MONTH WISE TEACHING PLAN

Class ..BA III.. Paper (VII) .....Political ideology..... 2021-22

Sr. No.	Month	Topics / Practicals to be Completed
		SEMISTER - I
1]	June	1) Natinalisum
2]	July	2) liberalism
3]	August	3) Democracy
4]	September	4] Imperialisum 5) Ferminisum
5]	octomber	—

Period Allotted - 60

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

lass ..BA III.. Paper (VII) .....Political ideology.....

r. No.	Month	Topics / Practicals to be Completed
		SE MISTER - II
6)	November	1) Socialisum
7]	December	1) Socalisum
8]	January	2) communisum
9]	February	2) Fascisum
10	March	4) Anarchisum

Period allotted - 60

Dr. Talekar C.K.

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2021-2022

Teacher Name - Dr. Vidhate N.N , Department - History

Class - F. Y. B.A. Paper - I Shivaji and his Times 1630 to 1707
III History of Marathas - 1707 1818.

Sr. No.	Month	Topic/ Practical's to be Completed
1	Sept. 2021	I मराठी सत्तेचा उदय - महाराष्ट्राची भौ. परिस्थिती, सामाजिक व आर्थिक स्थिती, संतांचे कार्य. II शिवाजीच्या प्रारंभिक मोहिमा - स्वराज्याचा संकल्प, तोरणा किल्ला अफजलखान प्रकरण, मराठा सिद्दी संघर्ष, पन्हाळा वेढ्यातून निसटणे.
2	Oct. 2021	III शिवाजी मुघल संबंध - शाहिस्तेखानाची स्वारी, सायस्तिंगाची शिवाजी विरुद्ध व्यूहरचना, पुरंदरचा तह, शिवाजी आग्रा भेट, IV शिवाजीचा राज्याभिषेक आणि कर्नाटक मोहिम,
3	Nov. 2021	V छत्रपती संभाजी - दक्षिण मोहिम, कर्नाटक संघर्ष संभाजीचा वध.
4	Dec. 2021	VI मराठ्यांचे स्वातंत्र्ययुद्ध - स्वातंत्र्य युद्धाचे महत्व. संभाजी औरंगजेब संघर्ष.
5	Jan. 2022	VII शिवकालीन प्रशासन - न्यायव्यवस्था, समाज व्यवस्था
6	Feb. 2022	I छत्रपतीकडून पेशवाकडे सत्तेचे हस्तांतरण कारणे - छत्रपती शाहू यांचेपासून शिक्षण.
7	March 2022	II पेशवा बाजीराव पहिला व मराठा सत्तेचा विस्तार, III पानिपतचे तिसरे युद्ध - कारणे, परिणाम, पानिपत युद्धाचे अपयशाची कारणे.
8	April 2022	IV - मराठा सत्तेचे पुनरुज्जीवन - पेशवा माधवराव - महत्व. V - इंग्रज मराठा संबंध - सालबाई तह, दुसरे इंग्रज मराठा युद्ध
9	May 2022	VI मराठा सत्तेचा अस्त - कारणे - परिणाम, मूल्यमापन. VII पेशवेकालीन प्रशासन - प्रांत - जिल्हा आणि ग्रामव्यवस्था
10	June 2022	VIII पेशवेकालीन न्यायव्यवस्था व सैन्य व्यवस्था.

(Dr. Vidhate N.N)
(H.O.D.)

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2021-2022

Teacher Name - Dr. Vidhate N.N Department - History

Class - S. Y. BA. Paper - V - History of Early India. BC 300 upto)
VII - History of India. BC. 300 to 650)

Sr. No.	Month	Topic/ Practical's to be Completed
1	Sept. 2021	I - ઇતિહાસની સાધને ધાર્મિક व બિનધાર્મિ સાહિત્ય, પરકીય સાધને ② પુરાતત્વીય व નાણાકશાસ્ત્રીય સાધને. II ઋગ્વેદકાલીન સંસ્કૃતી - લોકજીવન સંસ્કૃતી દ્રશ્ય સંસ્કૃતી - નગરરચના - સમાજ જીવન.
2	Oct. 2021	III વૈદીક સંસ્કૃતી -
3	Nov. 2021	IV ધાર્મિક ચળવળ - પાર્શ્વભૂમી જૈનધર્म व બૌદ્ધધર્म.
4	Dec. 2021	V જનપદ व મહાજનપદે - મગધ સામ્राજ્યાચા उદય -
5	Jan. 2022	VI મૌર્ય કાલખંડ ચંદ્રગુપ્त મૌર્ય, અશોક, મૌર્યકાલીન અર્થવ્યવસ્થા
6	Feb. 2022	I ઇતિહાસની સાધને - વાङ्मયીન આણि પુરાતત્વીય સાધને,
7	March 2022	II રાજકીય બદલાચા સંક્षिપ્त આઢावा - शुंग व कण्व, शक, कुशाण. सातवाहन, गुप्त कालखंड. वाकाटक सम्राट हर्षवर्धन.
8	April 2022	III सामाजिक व आर्थिक जीवन - समाजाची रचना, आर्थिक स्थिती व शेती कला.
9	May 2022	IV धार्मिक जीवन - जैनधर्म, बौद्ध धर्म, शैव पंथ, व वैष्णव पंथ. V कला व स्थापत्य कला विकास - मंदिर स्थापत्य,
10	June 2022	VI भाषा व साहित्य - संस्कृत संगम.

(Dr. Vidhate N.N)

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2021-2022

Teacher Name - Dr. Vidhate H.N , Department - History

Class - T. Y B A Paper - IX Historiography
XIII Fields of History - Archo - Muse. Tourism

Sr. No.	Month	Topic/ Practical's to be Completed
1	Sept. 2021	I ઇતિહાસ - વ્યાખ્યા, સ્વરૂપ, વ્યાપ્તિ, ઇતિહાસનો ઉદ્દેશ, ઉપયોગિતા II ઇતિહાસ વિજ્ઞાનોની ઇતર શાખાઓ - પુરાતત્વ, માનવવંશ, ભૂગોળ સમાજશાસ્ત્ર, રાજ્યશાસ્ત્ર, અર્થશાસ્ત્ર, ઇ. સહાયકારી શાખાઓ સંબંધ
2	Oct. 2021	III ઇતિહાસની સાધનો - સાધનોનું વર્ગીકરણ, સાધનોની વિશ્વસનીયતા IV ઇતિહાસનો આધુનિક તત્વચિંતક - રેન્કે, હેગલ, કાર્લ માર્ક્સ,
3	Nov. 2021	V ભારતીય ઇતિહાસમાંથી પુરાવા, પુરાવા - વસાહતવાદ, રાષ્ટ્રવાદ માર્ક્સવાદ. સવાલ્ટર્ન.
4	Dec. 2021	VI ઇતિહાસનો સદુપયોગ,
5	Jan. 2022	VII ઇતિહાસ સંશોધનમાં વિવિધ પદ્ધતિ -
6	Feb. 2022	I પુરાતત્વ વિદ્યા - વિકાસ, વ્યાખ્યા - ઉદ્દેશો, ભારતીય પુરાતત્વ ખાતાનો વિકાસ.
7	March 2022	II પુરાતત્વ વિદ્યામાંની પદ્ધતિઓ - સ્થળકાંઠા શોધ - સંકલન - વર્ગીકરણ
8	April 2022	III વસ્તુસંગ્રહાલય -
9	May 2022	IV - પર્યટન - ઉદ્દેશો, વ્યાપ્તિ, વિકાસ, મહત્વ.
10	June 2022	V - પર્યટનનો સ્વરૂપ અને પ્રકાર.

(Dr. Vidhate H.N)

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2021-2022

Teacher Name - Dr. Vidhate N.N , Department - History

Class - T. Y. BA Paper - XI - History of India - AD 1707 - 1885
XV - Glimpses of the History of Marathwada.

Sr. No.	Month	Topic/ Practical's to be Completed
1	Sept. 2021	I ૧૮૫૭ ચા ઠાવ્યાતીલ ભારતાચી રાજકીય આર્थिक स्थिती પરિચય કરણે. II ભારતात ब्रिटीश सत्तेचा चौफेर विस्तार - संदर्भ सांगणे.
2	Oct. 2021	III ब्रिटीशांची भारतातील प्रशासन - रचना.
3	Nov. 2021	IV ब्रिटीश कालखंडातील भारतीय दळणवळण, कायदेव्यवस्था, रेल्वे, पोस्ट सुधारणा.
4	Dec. 2021	V सामाजिक आणि धार्मिक सुधारणा चळवळ - ब्राह्मोसमाज, सत्यशोधक समाज, आर्यसमाज, प्रार्थना समाज
5	Jan. 2022	VI ब्रिटीशांच्या भारतातील दुष्काळ धोरण- VII भारतीय राष्ट्रीय काँग्रेसची स्थापना - अधिवेशने
6	Feb. 2022	I मराठवाड्याचा राजकीय इतिहास.
7	March 2022	II मराठवाड्यातील धार्मिक चळवळी.
8	April 2022	III मराठवाड्यातील कला आणि स्थापत्य.
9	May 2022	IV निजामाची राजवट व त्या विरुद्ध झालेल्या चळवळी संदर्भ
10	June 2022	V हैद्राबाद मुक्ती संग्राम - 1937 to 1948 - विविध विचार संदर्भ

(Dr. Vidhate N.N)

Shri Amolak Jain Vidya Prasarak Mandal's
Smt. S. K. Gandhi Arts, Amolak Science &
P. H. Gandhi Commerce College,
Kada Tal-Ashti, Dist-Beed (M.S.) 414202
NAAC Accredited with Grade 'B'
A Jain Minority Institution



Monthly Teaching Plan 2020-2021

Shri Amolak Jain Vidya Prasarak Mandal's
Smt. S. K. Gandhi Arts, Amolak Science & P.H.
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Tal-Ashti, Dist-Beed
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Teaching Plan

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name – Ashishumar Prakash Katariya

Department - Chemistry

Class - F. Y. B. Sc.

Paper – II (Organic Chemistry) & IV (Physical Chemistry)

Paper III + VI (Lab Course I & II)

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	**Structure and Bonding:** Localized and delocalized chemical bond; charge transfer complexes, resonance, hyper conjugation, inductive effect, hydrogen bonding, conjugative effect, steric effect. **Mechanism of Organic Reactions:** Homolytic and heterolytic bond breaking, Types of reagents electrophiles and nucleophiles, Types of organic reactions. **Volumetric Analysis :** • Preparation of 0.1N. NaOH solution and its standardization by given oxalic acid solution. • Preparation of 0.1 N oxalic acid solution and its standardization by given $KMNO_4$ solution.
2	Nov. 2020	**Mechanism of Organic Reactions:** Energy considerations, Reactive intermediates - carbocations, carbanions, free radicals **Stereochemistry of Organic Compounds** Concept of Isomerism - Types of isomerism Optical Isomerism - elements of symmetry, molecular chirality, enantiomers, stereogenic centre, optical activity, properties of enantiomers, chiral and achiral molecules with two stereogenic centres, diastereomers, threo and erythro diastereomers, meso compounds. **Inorganic Qualitative Analysis :** Identification of two acid and two basic radical from the given binary mixture.
3	Dec. 2020	**Stereochemistry of Organic Compounds** Relative and absolute configuration, sequence rules, D and L and R and S systems of nomenclature. Geometric Isomerism - Determination of configuration of geometric isomers. E and Z system of nomenclature, geometric isomerism in oximes and alicylic compounds. **Alkanes :** Methods of formation (Koble reaction, Corey - House reaction and decarboxylation of carboxylic acids) Physical properties and Chemical reactions of alkanes Chlorination, Nitration, Sulphonation, Catalytic oxidation. **Physical Chemistry Practical** • Eudiometer : Determination of Equivalent

		• Viscometer: To Determine Viscosity of given liquid (Water / Ethanol) by viscometer. • Staglanometer: To determine surface tension of given liquid.
4	Jan. 2021	**Alkenes :** Nomenclature of alkenes, methods of formation, mechanisms of dehydration of alcohols and dehydrohalogenation of alkyl halides. The Saytzeff rule, Hofmann elimination, physical properties and relative stabilities of alkenes. Chemical reactions of alkenes - mechanisms involved in hydrogenation, electrophilic and free radical additions, Markownikoff's rule, hydroboration and oxidation with $KMnO_4$. Polymerization of alkenes. **Arenes and Aromaticity:** Nomeclature of benzene derivatives. The aryl group. Aromatic nucleus and side chain structure of benzene: molecular formula and Kekule structure. Resonance Structure, MO Picture, Aromaticity : The Huckel rule, aromatic ions, Aromatic electrophilic substitution: Nitration, halogenations and Sulphonation and Friedel Crafts reaction. **Physical Chemistry Practical** • Chemical Kinetics • Colorimeter
5	Feb. 2021	**Alkyl and Aryl halides:** Polyhalogen Compounds: Chloroform, Carbon tetrachloride. Methods - Formation of aryl halides, nuclear and side chain reaction.
6	April 2021	**Mathematical Concepts :** Logarithmic relations, curve sketching, linear graphs and calculation of slopes, differentiation of functions like k^x, e^x, x^n, sin x, log x; maxima and minima, partial differentiation. **Gaseous States:** Postulates of kinetic theory of gases, kinetic gas equation, Deduction of Gas Laws : Boyles Law, Charles Law, Grahams Law of diffusion, Avogadro's hypothesis, deviation from ideal behavior, van der Waals equation of state. Critical Phenomena: PV isotherms of real gases. **Organic Qualitative Analysis:** Nature, Functional group, Element, Derivative, Physical constant.
7	May 2021	**Chemicals Kinetics and Catalysis:** Chemical Kinetics and its scope, rate of reaction, factors influencing the rate of reaction - concentration, temperature, pressure, solvent, light, catalyst concentration dependence of rates. Derivation of rate law and characteristics of simple chemical reactions - zero order, first order, second order, Pseudo order, half-life. Effect of temperature on rate of reaction. Arrhenius equation, concept of activation energy. **Catalysis :** Definition, types, and characteristics of catalysis, homogeneous, heterogeneous catalysis - Enzyme catalysis and its application. **Organic Qualitative Analysis:** Nature, Functional group, Element, Derivative, Physical constant
8	June 2021	**Liquid State:** Intermolecular forces, structure of liquids (a qualitative description).

		Differnce between solids, liquids and gases, Liquid Crystals: Classification, structure of nematic and cholestric phases. **Solid State :** Types of solids, Amorphous, crystalline and difference between them, Miller Indices, Laws of crystallography - (i) Law of constancy of interfacial angels (ii) Law of rationality of indices (iii) Law of symmetry. Symmetry elements in crystals. X-ray diffraction by crystals. Derivation of Bragg equation. **Organic Estimation:** • Phenol by Bromination • Estimation of basicity, molecular weight of organic acid
9	July 2021	**Colloidal State :** Definition of colloids, classification of colloids, Solids in liquids (sols) : properties - kinetic, optical and electrical; stability of colloids, protective action. Hardy - Schulze Law, Liquids in liquids (emulsions): types of emulsions, preparation, Liquids in Solids (gels) : classification, preparation and properties, general applications of colloids.

Kadeshya A.P.

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name – Ashishumar Prakash Katariya

Department - Chemistry

Class - M. Sc.

Paper – CHEO-314 (Organic Synthesis)

CHEO-417 (Retrosynthesis Approach)

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	**Oxidation** • Oxidation of alcohol to aldehyde, ketone or acid: Jones reagent, Swern oxidation, Collins reagent, Fetizones reagent, PCC, PDC, PFC, IBX, Activated MnO2, Chromyl chloride (Etard reaction), TEMPO, CAN, NMO, Moffatt oxidation • Oxidative cleavage of Carbon-Carbon double bonds: KMnO4, Ozonolysis. • Allylic Oxidation: SeO_2, PhSeBr. (d) Selective cleavages at functional groups: Cleavage of glycols, $Pb(OAc)_4$. **Research Guidance to students for their Project Work**
2	Nov. 2020	**Reductions** • Catalytic Hydrogenation. • Reduction of nitriles, oximes and nitro compounds. • Reduction of acids and Esters. • Reduction with metal hydride- Sodium cyanoborohydride, Diborane, LiBH4, DIBAL-H. • Reduction by dissolving metals- Sodium-alcohol, Sodium-Liq. Ammonia, Mg, Zinc-HCl or Acetic acid, Sn/Fe-HCl. • Reduction of aldehyde and ketones- Platinum, Raney nickel, NaBH4, $LiBH_4$. • Birch reduction and related reactions, Luche reagent, Wolf-Kishner reduction, Clemmenson reduction, Wilkinson catalyst, TBTH. **Research Guidance to students for their Project Work**
3	Dec. 2020	**Organic Reagents** Gilbert, DCC, EDC, DDQ, 1,3 Dithiane, LDA, DMDO, OSO_4, RuO_4, SmI_2, Dess-Martin, Periodinane, Borane Complexes, Diazomethane, Lawesson's reagent. **Research Guidance to students for their Project Work**
4	Jan. 2021	**Reaction Intermediates** • Ylides: Preparation and their synthetic applications along with their stereochemical aspects of Phosphorous, Sulphur and Nitrogen ylides. • Enamines: Generation & application in organic synthesis with mechanistic pathways, stork enamine reaction. • Enolates: Generation & reaction of enolates with aldehydes and ketones, Robinson annulations, Reformatsky reaction.

		Research Guidance to students for their Project Work
5	Feb. 2021	**Formation of Carbon-Carbon bonds via organometallic reagents Synthesis and its applications** Organo Lithium, Magnesium, Titanium, Cerium, Copper, Chromium, Zinc, Boron, Silicon, Cadmium, Rhodium.
6	April 2021	**Disconnection Approach** Introduction to: • Grounding of organic chemistry for understanding retrosynthesis. • Retrosynthetic analysis and designing of the synthesis. **Research Guidance to students for their Project Work**
7	May 2021	**Disconnection Approach** • Disconnection approach: An introduction to synthons, synthetic equivalents, disconnection approach, functional group interconversions, importance of order of events in organic synthesis, one and two group C-X disconnections, selective organic transformations: chemo selectivity, regioselectivity, stereoselectivity, enantioselectivity, Reversal of polarity, cyclization reactions, amine synthesis. **Protecting Groups** • Protection and deprotection of hydroxyl, carbonyls in aldehydes and ketones, amines, carboxylic acids, alkenes and alkynes. **Research Guidance to students for their Project Work**
8	June 2021	**C-C Disconnections** • One group C-C Disconnections. • Two group C-C Disconnections. • Ring Synthesis. **Research Guidance to students for their Project Work**
9	July 2021	**Complex molecules** Synthetic routes based on retrosynthetic analysis for following molecules: Longifoline, Reserpine, Juvabione, Amphidicoline, Taxol.

MONTH WISE TEACHING PLAN

Class T.Y.B.Sc. Paper (Practical)

Sr. No.	Month	Topics / Practicals to be Completed
	Jan 21	⊙ To determine the strength of HCl & CH_3COOH in a given mixture by titrating against strong base conductometrically ⊙ To determine the strength of oxalic acid conductometrically using NaOH soln.
	March 21	⊙ To determine empirical formula of 5 Ferric Sulpho-Salicylate. ⊙ To det. amt. of Fe^{2+} in given soln. potentiometrically ⊙ To det. interfacial tension betn two immiscible liquids.
	April 21	To study effect of addition of an electrolyte NaCl/KCl on solubility of Benzoic Acid at room temp.

MONTH WISE TEACHING PLAN

Class S.Y.B.Sc Paper (XIV) + M.Sc I (CH-201)

Sr. No.	Month	Topics / Practicals to be Completed
	July 2020	S.Y.B.Sc → Phase Equilibrium Terminology; Definations & Degree of Freedom, Components, Derivation & Statement of Phase Rule, Phase Equilibria of One Component water System, Two Component System Pb-Ag system, Solid-Liquid Equilibria, Desilverisation of Lead. M.Sc → Infra Red Absorption Spectroscopy.

ONLINE PRACT-

MONTH WISE TEACHING PLAN

Class T.Y.B.Sc Paper (Pract) PRACTICALS Inorg. Pract.

Sr. No.	Month	Topics / Practicals to be Completed
	Oct-2020	Separation of Cu & Ni from binary mixture solution & estimation of Cu volumetrically
	Nov 2020	Estimation of oxalic acid & H_2SO_4 in a given mixture using NaOH & $KMnO_4$ soln. (N/20 soln) ② Estimation of available Chlorine in given bleaching powder sample. ③ Separation of Ba & Ca and estimation of Ba gravimetrically.
	Dec-20	④ Separation of Ca & Ba and estimation of Ca volumetrically. ⑤ Estimation of Fe by $K_2Cr_2O_7$ using diphenylamine indicator. ⑥ Inorganic Qualitative Analysis

MONTH WISE TEACHING PLAN

Class S.Y.B.Sc Paper (XIV) & M.Sc. I (CH-109)

Sr. No.	Month	Topics / Practicals to be Completed
	Feb 2020	SY B.Sc Chemical Equilibrium Vant's Hoff's Reaction Isotherm: Thermodynamic Derivation for V.H. Reaction Isochore, Clausius – Clapeyron Equation, Derivation Applications of C-C-equation M.Sc HPLC, & GC.
	April 2020	SY B.Sc Electrochem – I Electrical Transport: Conduction in Metals, & Electrolytic Solutions; Specific Conductance, Equivalent Conductance & its measurement, Eq. Cond. Variation with Dilution, Ostwald's Dilution law, Degree of Dissociation, Arrhenius Theory M.Sc → UV-Visible Spectroscopy

MONTH WISE TEACHING PLAN

Class S.Y.B.Sc Paper (XIV) & M.Sc. I (CH 201)

Sr. No.	Month	Topics / Practicals to be Completed
	May 2020	SY B.Sc Electrochemistry I + II Degree Kohlraushch's law & Applications, Transport number. Conductometric Titrations Types of Conductometric Titrations Measurement of Transport number. Types of Reversible Electrodes Reversible & Irreversible Cells – Nernst Equation M.Sc → UV Visible Spectroscopy.
	June 20	SY B.Sc Electrochemistry II + Phase Equilibrium Estimation of Std. Emf, Sec. Reference Electrode, Emf Series Reversible & Irreversible Cells, Thermodynamics of Cell, Measurement of E°, Ecell. Representation of a Cell, Corrosion of Metals, Dry & wet. M.Sc → Thermogravimetric Estimations, TGA, DTA, IR Absorption Spectroscopy.

IN ACADEMIC YEAR 2021, CONDUCTED ONLINE

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class S.Y.B.Sc. Paper (VIII) + M.Sc. I (CH-109)

Sr. No.	Month	Topics / Practicals to be Completed
	Oct 2020	S.Y. B.Sc. Thermodynamics I Introduction, Types of Systems, Thermodynamic Properties, Process Functions, Concept of Work, Units of Work & Energy, Derivation of $(\Delta G)_{max}$, Ist Law of T.D. Concept of ΔH; Sign Conventions; Heat Capacity, Maeyers Relationship. (M.Sc. - Enzyme)
	Nov 2020	S.Y. B.Sc. Thermodynamics II Hess's Law of Constant Heat summation, Numericals & Applications, Spontaneity of Process, Carnot Cycle, Second Law of Thermodynamics, Carnot Theorem Efficiency of Machine & Engine. M.Sc. I → Chromatography 1 Introduction, Principle, Theory of distribution, Types depending upon M.P & S.P.

LECTURES DUE TO COVID-19 LOCKDOWN

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class S.Y.B.Sc. Paper (VIII) + M.Sc. I (CH-109)

Sr. No.	Month	Topics / Practicals to be Completed
	Dec. 2020	S.Y. B.Sc → Thermodynamics II Concept of Entropy and Free Energy, Physical Significance, Entropy function, Changes, Gibbs Free Energy, Criteria of Spontaneity & Equilibrium, Gibbs-Helmholtz equation. M.Sc. I → Paper Chromatography, Thin Layer Chromatography, Column Chromatography
	Jan 2020	S.Y. B.Sc → Chemical Equilibrium Introduction, Equilibrium Constant & Mathematical Expression, Derivation of Law of Mass Action, Le-Chatelier's Principle a) For Isothermic Reactions b) For Endothermic Reactions M.Sc → Liquid - Chromatography, Gel permeation Chromatography, Size Exclusion Chromatography

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name -Mr.Jagadale.S.M. Department - Chemistry

Class - T.Y.B.Sc. Paper -Organic Chemistry. XIV&XVII, XV&XVIII.

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	Spectroscopy Nuclear magnetic resonance (NMR) spectroscopy. Proton magnetic resonance (1H NMR) spectroscopy, nuclear shielding and deshielding, chemical shift and molecular structure, spin-spin splitting and coupling constants, areas of signals, interpretation of PMR spectra of simple organic molecules such as ethyl bromide, ethanol, acetaldehyde, 1, 2, 2 tribromoethane, ethyl acetate, toluene and Acetophenone. Separation and Identification of both components i) Benzoic Acid + β-naphthol ii) Salicylic Acid + P- nitro aniline
2	Nov. 2020	Problems pertaining to the structure elucidation of simple organic compounds using UV, IR and PMR spectroscopic techniques. (Combine and single λ max using woodwordfischer rule) Organometallic Compounds Organomagnesium - compounds: Alkyl Magnesium halides-ethyl magnesium bromide formation, structure and chemical reactions. Organozinc compounddialkyl zinc formation and chemical reactions,. iii) β-naphthol + Acetanilide iv) m-nitroaniline + Naphthalene
3	Dec. 2020	Organolithium compound- nbutyllithium formation and chemical reactions Organic Synthesis via Enolates Defination, Active methylene compounds, Preparation of Aceto acetic ester,(Claisen condensation with Mechanism), Acidity of alpha hydrogen, properties and reactions involving formation of mono, di and unsaturated carboxylic acids,also synthesis of ketone, di ketone, 4-methyl uracil from acetoacetic ester v) α-naphthol + O-nitroaniline vi) Cinnamic Acid + Naphthalene
4	Jan. 2021	Ketoenol tautomerism. Preparation of diethyl malonate, properties and reactions involved in alkylation, formation of mono, di and unsaturated carboxylic acids, and also synthesis of aminoacid and barbituric acids from diethyl malonate. vii) Salicylic Acid + Naphthalene viii) β-naphthol + m-dinitrobenzene
5	Feb.20	Fats, oils and detergents Natural fats, edible and industrial oils of vegetable origin, manufacture of

	21	soyabean oil by solvent extraction method and isolation and uses of essential oils. Types of animals fats and oils and defination of saponification value, iodine value, and acid value. Detergents: Defination, Introduction and preparation of sodium alkyl sulphonate, alkyl benzene sulphonate, and amide sulphonate, (one example each), Cleansing action of detergent ix) Cinnamic Acid + P- nitro aniline x) Salicylic Acid + β-naphthol
6	April 2021	Heterocyclic Compounds Introduction: Molecular orbital picture and aromatic characteristics of pyrrole, furan, thiophene and pyridine, Methods of synthesis and chemical reactions with particular emphasis on the mechanism of electrophilic substitution. Mechanism of nucleophilic substitution reactions in pyridine. Comparison of basicity of pyridine, piperidine and pyrrole. Condensed Heterocyles: Introduction, Preparation of Quinoline (Skraups Synthesis), Isoquinoline (Bischler - Napirlaski) and Indole (Fischer indole Synthesis). Organic Estimation i) Estimation of Carbonyl group by hydrazone formation method ii) Estimation of vitamin C in commercial soft drink / Glucon D
7	May 2021	Carbohydrates Defination, Introduction and Classification. Monsaccharides-Interconversion of Glucose and Fructose, chain lengthening, chain shortening of aldoses. Conversion of Glucose in to mannose. Determination of openchain structure of glucose & pyranose ring structure of glucose . Mechanism of Mutarotation and Introduction to disaccharides (maltose, sucrose and lactose) and Polysaccharides (Starch and cellulose) without involving structure determination. iii) Estimation of ascorbic acid iv) Estimation of Saponification value of oil
8	June 2021	Synthetic Polymers Introduction, Classification based on nature of synthesis (without mechanism) with examples. (Addition and condensation polymers). Properties, uses and synthesis of polyvinyl chloride, polyvinyl acetate, polystyrene, polyacrylonitrile, Nylon 6, Nylon 66. Introduction to synthetic and natural rubber, properties, uses and synthesis of Buna N., Neoprene and silicon rubber Organic Preparation and its purity by TLC i) Preparation of Hydrazobenzene from azobenzene. ii) Preparation of Phthalic anhydride from phthalic acid. iii) Preparation of 2, 4 dinitrophenyl hydrazone of acetone
9	July 2021	Synthetic Dyes and Drugs Synthetic Dyes - Definition, colour and constitution (electronic concept) of dye, classification based on chemical constitution, synthesis of methyl orange, Congo red, malachite green, crystal violet, Alizarin and indigo dyes. Synthetic Drugs - Defination, introduction, classification of drugs. Properties of ideal drug. Synthesis of chloromycetien,paracetamol,phenacetien, sulphaguainidine iv) To prepare picrate of Naphthalene. v) To prepare picrate of Anthracene. Vi) preparation of p – bromo acetanilide from acetanilide

Jagadale S M.

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name –Mr.Jagadale.S.M. Department - Chemistry

Class – M.Sc. Paper – Structural Elucidation by Spectral methods 313 & Chemistry of Natural Products 419 CHEO-423

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	**Nuclear Magnetic Resonance Spectroscopy** (H NMR) Elementary ideas (Recapitulation); Spin-spin couplings, Different types of couplings, factors affecting on coupling constants, Karplus equation, Spin systems (AB, AX, ABX, AMX), Rate processes, spin decoupling, shift reagents, Nuclear Overhauser effect (NOE). INEPT and INADEQUATE Preparation involving one stage based upon green syntetic protocol
2	Nov. 2020	**^{13}C Nuclear Magnetic Resonance Spectroscopy** Elementary ideas, instrumental problems, chemical shifts (aliphatic, olefinic, alkyne, aromatic, heteroaromatic and carbonyl carbons); Effect of substituents on chemical shifts Preparation involving one stage based upon green synthetic protocol
3	Dec. 2020	**Mass Spectroscopy** Introduction, Jon production (E1, CI, TD and FAB), ion analysis, jon abundance, factors affecting on fragmentation, fragmentation of different functional groups, molecular ion peak, Isotopic peaks, metastable peak, Nitrogen rule, McLafferty rearrangement, Retro Diels-Alder reaction. Preparation involving one stage based upon green synthetic protocol
4	Jan. 2021	**Problems based on joint applications of UV, IR, ^{1}H NMR ^{13}C NMR and Mass** **Mossbauer spectroscopy**: Principle, factor affecting the line position and shape, Isomer effect and Quadrupole splitting iron salt like compounds, complexes, carbonyl compounds (temperature dependence of isomer shift and Quadrupole splitting in simple compound and coordination, polymer complexes), Numericals Preparation involving one stage based upon green synthetic protocol
5	Feb.20 21	**Electron Spin Resonance** Spectroscopy: Introduction, principle of ESR spectroscopy, presentation of spectrum, hyperfine splitting in various structure hyperfine splitting diagram of representative examples, factors affecting the magnitude of 'g' values. Zero field splitting, Kramer's degeneracy, Anisotropy in the hyperfine coupling constant, electron delocalization, instrumentation and application
6	April 2021	**Terpenoids & Carotenoids** Classification, Nomenclature, occurrence, isolation, general methods of structure determination, isoprene rule Structure determination, stereochemistry, and synthesis of the following representative molecules:

		Citral, Geraniol, a-Terpineol, Menthol, Farnesol, Zingiberene, Phytol, Abietic acid and B-Carotene. Structure elucidation of organic compound by spectral analysis
7	May 2021	**Alkaloids** Definition, nomenclature and physiological action, occurrence, isolation, general methods of structure elucidation, degradation, classification based on nitrogen heterocyclic ring, role of alkaloids in plants. Structure, stereochemistry and synthesis of the following Ephedrine, (+)-coniine, nicotine, atropine, Quinine and Morphine. **Steroids** Occurrence, nomenclature, basic skeletons, Diel's hydrocarbon and stero chemistry. Isolation, structure determination and synthesis of Bile acids, Androsterone, Testosterone, Estrone, Progestrone Structure elucidation of organic compound by spectral analysis
8	June 2021	**Anthocynins and Flavones** Ocurrence, nomenclature and general methods of structure determination Synthesis of cyanidin chloride, cyanin, Hirsutdin chloride, Flavones (Kostanecki and Baker-Venkataramon approaches), Flavonols, Qurcetin, und isoflavones. Structure elucidation of organic compound by spectral analysis
9	July 2021	**Biogenesis** The building blocks and construction mechanisms of the following (a) Terpenoids: Mono-, Sesqui-, Di-, Tri-Tepenoids and steroids. (b) Alkaloids pyridine alkaloids, Benzyl Isoquinoline alkaloids, morphine alkaloids and indole alkaloids (c) The Shikime acid pathway

Jagadale S.m.

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S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

Shri Amolak Jain Vidya Prasarak Mandal's

SMT. SHANTABAI KANTILAL GANDHI ARTS, AMOLAK SCIENCE & PANALAL HIRALAL GANDHI COMMERCE COLLEGE

At,/Po.- Kada, Tal - Ashti, Dist - Beed 414202

Affiliated to Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

Personal Memoranda

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2020-2021

Sem III

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class S.Y.B.Sc.... Paper (VII & IX) ...Organic Chemistry & Lab Course III.....

Sr. No.	Month	Topics / Practicals to be Completed
1.	Oct. 2020	S.Y.B.Sc.:- Sem. III *Theory P.No. VII: Organic Chemistry Defination, monohydric alcohols method of formation by reduction of aldehydes and ketones.
2.	Nov. 2020	S.Y.B.Sc: P.No. VII Methods of formation of alcohols by reduction of carboxylic acids by esters (one example each) Acidic nature of alcohol, Reactions of alcohols. *Dihydric alcohols: Method of formation of Glycol- Industrial method from alkenes using OsO_4, chemical reactions of Ethylene glycol – nitration acylation, oxidation using $Pb(OAc)_4$ without mechanism Pedocal – Periodate rearrangement. *Trihydric alcohols: Preparation of glycerol from propane, Reactions of of Glycerol
		*S.Y.B.Sc (Practicals): P.No. IX Section (B) 1) Estimation of Zinc gravimetrically as ($ZnNH_4PO_4$) 2) Estimation of Nickel gravimetrically as- Ni DMG.

MONTH WISE TEACHING PLAN

Class ..... Paper ( ) .....

Completed	Sr. No.	Month	Topics / Practicals to be Completed
ics Chemistry Alcohols eduction of es.	3.	Dec 2020	S.Y.B.Sc: P.No. VII * Chap. II Phenols: Introduction, preparation of phenol from chlorobenzene, from cumene and from Benzene sulphonic acid, Physical properties, acidic nature of phenol, Resonance stabilization of phenoxide ion, Reactions of phenol - Electrophilic substitution, Acetylation, carboxylation, Reaction with mechanism - Intermolecular Fries rearrangement, Claisen rearrangement, Gattermann's synthesis and Reimer Tiemann reaction.
of alcohols aryl compounds ple each) , Reaction alcohols: & Glycol n, diferent actions of tion by Pb(OAc)$_4$ Local - d. operties ne reaction			* Chap. III: Aldehydes and Ketones * Aldehydes: Preparation of Aldehydes from acid chlorides, Gattermann Koch synthesis * Ketones: Preparation from nitriles and from carboxylic acid, Physical properties of aldehydes and ketones, Mechanism of nucleophile additions to carbonyl group with particular emphasis on Benzoin, Aldol, Knoevenagel condensation, Mannich reaction, Use of Acetal as protecting group. Oxidation of aldehydes using
No. IX directing groups			

MONTH WISE TEACHING PLAN

Class ..... Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed
		chromium trioxide, Bayer-Villiger oxidation of ketones.
4.	Jan:21	* Chap: IV : Carboxylic Acids: Acidity of carboxylic acids effects of substitution on acid strength Preparation of acetic acid from CO_2, from nitriles from acid chlorides, Anhydride ester and amide, Physical properties and reactions of carboxylic acids, Synthesis of acid chloride from ester and amides Hell-Volhard-Zelensky reaction, Reduction using $LiAlH_4$, Mechanism of Decarboxylation Hydroxy acids malic tartaric acid and citric acid Method of formation and chemical reactions of oxalic acid.
		* Chap V : Organic compounds of Nitrogen: Preparation of Nitroalkanes, Nitration of Benzene and their reduction in acidic, Neutral and basic media.
		* S.Y.B.Sc. (Practicals) : P. No. IX 3) Estimation of Barium gravimetrically as $BaCrO_4$.

MONTH WISE TEACHING PLAN

..... Paper ( ).....

ted	Month	Topics / Practicals to be Completed
-Villa		4) Estimation of Zinc by E.D.T.A. solution using EBT indicator 5) Estimation of Nickel by EDTA using Murexide indicator
	Feb. 2021	* Chap. V continued : Amines : Basicity of amines, amine salt as PTC, Preparation of alkyl & aryl amines (Reduction of Nitro compounds, Nitriles), Reductive Amination, Hofmann's Bromide reaction, Reactions of amines — Electrophilic aromatic substitution in aryl amines, Reactions of amines with Nitrous acid.

Sem. IV

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kad

MONTH WISE TEACHING PLAN

Class S.Y.B.Sc. Paper (Σ ↑XII) (Theory : Inorganic Chemistry Practicals : Sem : IV Section B)

Sr. No.	Month	Topics / Practicals to be Completed
1)	April : 2021	* S.Y.B.Sc. (Theory) : P.No. X Inorganic Chemistry * Chap. 1 : Chemisty of Elements of First Transitions series : Genral characteristics of features of d-block elements Properties of the elements of the transition series : Ionic size, atomic size, Metallic properties
		* S.Y.B.Sc. (Practicals) : P.No. XII (Section B - organic chem.) 1) Acetyl derivative of : (a) Aniline
2)	May : 2021	* S.Y.B.Sc. (Theory) * Chap. 1 : continued ... Ionisation Potential Magnetic properties, oxidation states. * Chap. II : Co-ordination Compounds :- Werner's co-ordination theory & its experimental verification Effective atomic number concept, Chelates, Nomenclature of co-ordination compounds, Isomerism in co-ordination compounds, Valence-bond theory of transition metal complexes.

MONTH WISE TEACHING PLAN

..... Paper ( ) .....

Month	Topics / Practicals to be Completed
*	S.Y.B.Sc. (Practicals) 2) Benzoyl Derivative of : (a) Aniline (b) β-naphthol. 3) Bromo Derivative of (a) Phenol (b) Benzoic acid
June : 2021 *	S.Y.B.Sc. (Theory) * Chap: III : Chemistry of Lanthanide Elements. Occurance and Isolation of Lanthanides, Electronic configuration, oxidation states, Lanthanide contraction and its consequences.
*	Chap: IV : Chemistry of Actinides occurance, Position in the Periodic table, Electronic configuration, Oxidation states, Chemistry of Separation of: Np, Pu and Am from: U
*	S.Y B.Sc. (Practicals): (Organic Estimation) 1) Estimation of Glucose. 2) Estimation of Ester by hydrolysis. 3) Estimation of amides by hydrolysis

MONTH WISE TEACHING PLAN

Class ..... Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed
		* S.Y.B.Sc (Theory): * Chap. V: Acids and Bases: Arrhenius, Bronsted - theory the Lank - flood, solvent system
47	July: 2021:	* S.Y.B.Sc. (Theory): * Chap: V continued ... Lewis - concept of acids and bases. * Chap. VI: Non-aqueous Solvents Physical properties of a solvents Types of solvents and their gen -eral characteristics, Reactions in non-aqueous solvents with reference to liquid NH_3 and liquid: SO_2.

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science and P. H. Gandhi Commerce College Kada, Tal. - Ashti, Dist. - Beed.

Month Wise Teaching Plan (2020-21)

Teacher Name: Dr. Jawaharlal Motilal Bhandari

Department: Physics

Class: F. Y. B. Sc.

Semester I - Course PHY-102 - Paper II (Heat and Thermodynamics)

Semester II - Course PHY-105 - Paper V (Electricity and Magnetism)

Sr.No.	Month	Topics \ Practicals to be Completed
1)	October 2020	**1)Thermal Conductivity:** Transference of heat, Coefficient of thermal conductivity, Rectilinear flow of heat along a metal bar, Methods of radial flow of heat- (i) spherical shell method and (ii) Flow of heat along the wall of a cylindrical tube, comparison of conductivities of different metals.
2)	November 2020	**2) Real Gases and Transport Phenomena: Real Gases:-** Introduction, Reason for modification of gas equation, Vander Waals equation of state, comparison with experimental curves, critical constants, constants of Vander Waals equation. Expt. No.- 1, 2 (Phy-103)
3)	December 2020	**Transport Phenomena:** Introduction, Mean free path, sphere of influence and expression for mean free path, variation of mean free path with temperature and pressure, transport phenomena, Viscosity, Thermal conductivity (their interrelationship, dependence on temperature and pressure). **3) Thermodynamics:** Adiabatic process, Adiabatic equation of a perfect gas, Expt. No.- 3, 4 (Phy-103)
4)	January 2021	Isothermal process, Indicator diagram, work done during isothermal process and adiabatic process, reversible and irreversible process, Second law of thermodynamics. (Kelvin and Clausius statement), Heat engines, Carnot's ideal heat engine, Carnot's cycle (work done and Efficiency). Expt. No.- 5, 6 (Phy-103)
5)	February 2021	**4) Entropy and Thermodynamic relations:** General notation of entropy, change of entropy is independent of path, change of entropy in reversible and irreversible process, Formulation of second law in term of entropy, Maxwell's thermodynamical relation, Applications of Maxwell's relations- i) Clausius- Clapeyron equation, ii) T- ds equations. Expt. No.-7, 8 (Phy-103)
6)	April 2021	**1) Vector Algebra:** Dot and cross product (Revision), scalar triple product and it's geometrical interpretation, vector triple product, gradient of a scalar and it's physical interpretation, line, surface and volume integrals, Gauss's divergence theorem and Stoke's theorem. Expt. No.-1, 2 (Phy 106)
7)	May 2021	**2) Electrostatics:** Coulomb's Law, Electric field, field due to point charge, flux of electric field, Gauss's law (with proof), Differential form of Gauss law, electric potential, potential due to a point charge, Potential and field due to electric dipole. Dielectric, polarization of dielectric, Gauss's law in dielecrics, Relation between D, E and P. Exet. No.- 3 (Phy-106)
8)	June 2021	**3) Magnetostatics:** Magnetic field, Magnetic induction, Magnetic flux, Biot-Savart law, Magnetic induction due to straight conductor carrying current, magnetic induction on the axis of solenoid, Ampere's Law, Differential form Ampere's Law, Moving coil ballistic Galvanometer- expression for charge. Expt. No- 4, 5, 6 (Phy-106)
9)	July 2021	**4) Transient Currents:** Growth and decay of current in a circuit containing L and R, charge and discharge of a capacitor through resistor, Growth and decay of charge in LCR circuit. Expt. No- 7, 8 (Phy-106)

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science and P. H. Gandhi Commerce College

Kada, Tal. - Ashti, Dist. - Beed.

Month Wise Teaching Plan (2020-21)

Teacher Name: Dr. Jawaharlal Motilal Bhandari

Department: Physics **Class: S. Y. B. Sc.**

Semester III - Course PHY-201 - Paper VII (Mathematical, Statistical Physics and Relativity)

Semester IV - Course PHY-205 - Paper XI (General Electronics)

Sr. No.	Month	Topics \ Practicals to be Completed
1)	October 2020	**1) Differentiation and ordinary Differential equation:** Limit of Function, Partial, successive, total, exact differentiation, chain rule.
2)	November 2020	Ordinary differential equation, order and degree of differential equation, solution of first order differential equation, solution of second order linear differential equation with constant coefficient a) Homogeneous equations, b) Inhomogeneous equation, special case of exponential right hand to find P.I. Expt. No.- 1, 2 (Phy-203)
3)	December 2020	**2) Statistical basis and Classical statistics:** Introduction, Probability, principal of equal a priori probability, probability and frequency, permutation and combination, microstates and macrostates, phase space, thermodynamic probability, Maxwell-Boltzmann energy distribution law, evaluation of g_i, α and β, M. B. speed distribution law Expt. No.- 3, 4, 5 (Phy-203)
4)	January 2021	**3) Quantum statistics:** Need of quantum statistics, Bose-Einstein distribution law, Plank's radiation law, Fermi-Dirac distribution law, electron gas, Fermi level and Fermi energy, E_{Fo} for electrons in metal, difference between classical and quantum statistics. Expt. No.- 6, 7 (Phy-203)
5)	February 2021	**4) Theory of relativity:** Introduction, frame of reference, Galilean transformation equations, Michelson Morley Experiment, special theory of relativity, Lorentz transformation equation, length contraction, time dilation, variation of mass-energy equivalence. Expt. No.- 8 (Phy-203)
6)	April 2021	**1) Semiconductor:** Introduction, construction, working and characteristics of semiconductor diode, Zenerdiode, zenerdiode characteristics, Transistor, Characteristics of transistors, FET and MOSFET. Expt. No.- 1 (Phy-207)
7)	May 2021	**2) Bonding and Band theory of solids:** Introduction, concepts of inter-atomic forces, cohesive forces and types of bonding, Primary, secondary bonds, Vander walls bond and Hydrogen bond. The Kroning-Penney model, energy versus wave vector relationship, different representations (Brillouin Zone). Expt. No.- 2, 3, 4 (Phy-207)
8)	Jun 2021	**3) Thermal properties of solids:** Classical theory of lattice heat capacity (concept and comparison with experimental values), Einstein's theory of lattice heat capacity, Debye's model of lattice heat capacity, density of modes, limitations of debye's model Expt. No.- 5, 6 (Phy-207)
9)	July 2021	**4) Free electron theory of Metals and Transport properties:** Drude-Lorentz's classical theory, electrical conductivity, thermal conductivity, Wiedemann Franz law, significance of Fermi energy level, Hall effect, Hall voltage and Hall coefficient, experimental determination of Hall coefficient, Importance of Hall effect. Expt. No.- 7, 8 (Phy-207)

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Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science and P. H. Gandhi Commerce College Kada, Tal. - Ashti, Dist. - Beed.

Month Wise Teaching Plan (2020-21)

Teacher Name: Dr. Jawaharlal Motilal Bhandari

Department: Physics **Class: T. Y. B. Sc.**

Semester V - Course PHY-302 - Paper XVI (Electrodynamics)

Semester VI - Course PHY-306 - Paper XX (Non-conventional energy sources and Optical fiber)

Sr. No.	Month	Topics \ Practicals to be Completed
1)	October 2020	**1) Electrostatics:** Introduction, Electric field lines, electric flux and Gauss law, Divergence of E, Curl of E, Expt. No.-1 (Phy-303)
2)	November 2020	Application of Gauss Law: Electric field due to a i) uniform charge sphere ii) charged cylinder, Gaussian pillbox, Poisson's equation, Laplace equation, Uniqueness theorem (First and Second). **2) Time varying field:** Faraday's law of Electromagnetic induction, Lenz's law, Self-induction, Mutual Induction, equation of continuity, Expt. No. -2, 3 (Phy-303)
3)	December 2020	Maxwell's displacement current, Maxwell's equation (Derivation, Differential form). **3) Electromagnetic waves:** Origin of electromagnetic wave, Characteristics of electromagnetic wave, electromagnetic wave equations in a conducting medium, transverse nature of electromagnetic wave, Expt. No. – 4, 5 (Phy-303)
4)	January 2021	Plane polarized electromagnetic wave, The Poynting vector, Poynting theorem, Polarization of electromagnetic wave. **4) Interaction of electromagnetic waves with matter:** Boundary condition for the electromagnetic field vector- B,E,D & H at interface between two media, Expt. No. – 6, 7 (Phy-303)
5)	February 2021	Reflection and refraction at the boundary of two non-conducting media. Expt. No. - 8 (Phy-303)
6)	April 2021	**1) Non-conventional energy sources:** Introduction, Biomass, wind energy, tidal energy/Ocean energy, geothermal energy, biogas hydro energy, solar energy, Biogas plant fixed dome type Expt. No. - 1 (Phy- 307)
7)	May 2021	**Wind energy:** Introduction to wind energy, terms and definition: wind, wind farm, wind turbine, vertical and horizontal axis wind turbine (VAWT) and (HAWT), Propeller (wheel), wind mill, types of wind turbines generator units, mono blade HAWT, twin blade HAWT, merits and limitations of wind energy. **2) Solar Photovoltaic systems:** Introduction to photovoltaic system, Expt. No.- 2, 3, 4 (Phy- 307)
8)	Jun 2021	solar cell fundamentals: i) semiconductor, ii) P-N junction, iii) generation of electron-hole pair by photon absorption, iv) I-V characteristics of solar cell. **Electrical storage:** Lead acid battery, basic battery theory. **3) Introduction of optical fiber:** Introduction, importance of optical fiber, classification of optical fiber- stepped index fiber, stepped index monomode fiber, Disadvantages of monomode fiber, Expt. No. - 5, 6 (Phy- 307)
9)	July 2021	Plastic fiber, latest developed types of optical fibers- HPSUV; HPSIR; Halide; Tapered. **4) Fiber cables and fabrication:** Classification of fiber fabrication techniques; external and internal chemical vapour deposition, axis vapour deposition. **Fiber Cables:** construction, strength members, cable tensile loading, minimum bend radius losses, selection criteria, optical cable fiber laying in telephone. Expt. No. - 7, 8 (Phy- 307)

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Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Dr. Yogesh Balwantrao Rasal, Department - Physics
Class - F. Y. B. Sc. Paper - I (Mechanics, Properties Matter & Sound) & IV (Geometrical & Physical Optics)

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	Compound Pendulum- expression of time period, Interchangeability of centre of suspension and oscillation, Kater's Pendulum. Newton's law of Gravitation (Statement only), Gravitational Field, Gravitational Potential, Gravitational Potential of mass, Gravitational potential and field due to spherical shell and solid sphere (at a point, outside , inside and on the surface).
2	Nov. 2020	Introduction , Moduli of Elasticity (Elastic constants), Twisting couple on a cylinder, Bending of Beam - Bending moment, cantilever loaded at free end - (a) When weight of beam is ineffective, (b) When weight of beam is effective, Depression of Beam loaded at centre.
3	Dec. 2020	**Viscosity** - Introduction, energy of liquid in motion, Bernoulli's Theorem, practical applications: (i) Law of hydrostatic pressure (ii) Filter pump, Poiseuille's formula. **Surface Tension** - Introduction, Difference of pressure across a curved surface, Determination of S.T. by Jaeger's method.
4	Jan. 2021	**Ultrasonic** - Piezo - electric effect, Piezo - electric Generator, Magnetostriction effect, Magnetostriction oscillator, Applications of ultrasonic - Depth of sea, Chemical effects, Medical applications. **Acoustics** - Reverberation, Acoustical demands of an auditorium,
5	Feb. 2021	Sabine's Law – Derivation of Reverberation time, conditions of good acoustical designs of room.
6	April 2021	Cardinal points of optical system - Focal points, Principal points, Nodal points and corresponding planes, coaxial lens system - equivalent focal length and cardinal points. Huygens's Eyepiece, Ramsden's eyepiece and their cardinal points,
7	May 2021	Interference in thin film due to reflected and transmitted light, wedge shaped thin film, Newton's rings by reflected light, determination of wavelength, Michelson's Interferometer, type of fringes, determination of wavelength and difference in wavelength.
8	June 2021	Introduction, Diffraction at a thin wire , Fraunhofer diffraction at double slit (Interference and diffraction maxima, minima), Plane Transmission diffraction grating, Determination of wavelength (Normal incidence), Resolving power of optical instruments (Rayleigh's criterion),R. P. of prism and grating.
9	July 2021	Introduction, Malus law, Double refraction, Huygens's theory of double refraction in uniaxial crystal, Nicol prism. Optical activity, Fresnel's theory of optical rotation, specific Rotation, Laurentz's half – shade polarimeter, Determination of specific rotation of sugar solution.

Dr. Y. B. Rasal

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Dr. Yogesh Balwantrao Rasal, Department - Physics

Class - S. Y. B. Sc. Paper –VIII (Modern and Nuclear Physics) XII (SSP)

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	Introduction, Lenard's method to determine e/m for photoelectrons, Richardson and Compton experiment, Relation between photoelectric current and retarding potential, Relation between velocity of photoelectrons and frequency of light, photoelectric cells- (1) Photo- emissive cell (2) Photo- voltaic cell (3) Photoconductive cell, Applications of photoelectric cells.
2	Nov. 2020	Introduction, The absorption of X-ray's, Laue's experiment, Bragg's Law, The Bragg's X-ray spectrometer, powder crystal method, The Laue method, X-ray spectra,
3	Dec. 2020	Main features of continuous X-ray spectrum, Characteristics x-ray spectrum. Introduction, Binding energy, Nuclear stability, Nuclear forces , Meson theory of nuclear forces, liquid drop model, shell model, Energy released in Fission , Chain reaction, Atom bomb, Nuclear Reactors,
4	Jan. 2021	Nuclear fusion, Source of stellar energy. Linear accelerator, Cyclotron, Synchrocyclotron, Betatron, Ionisation chamber, proportional counter
5	Feb. 2021	Geiger – Muller counter, Problems.
6	April 2021	Introduction, Crystal lattice- plane lattice, space lattice, translation vectors, Unit cell, (primitive, non primitive Wigner-Sietz primitive cell) Basis, symmetry operations, point groups and space groups, type of lattices (two dimensional and three dimensional lattices), lattice directions and planes, Miller indices, Inter planer spacing, simple crystal structure.
7	May 2021	Introduction, concept of inters–atomic forces, cohesive energy and types of bonding, primary bonds- (ionic bonds, covalent bond and metallic bond), secondary bonds- (Vander Walls bonds and hydrogen bonds). The Kroning-Penney model, Energy versus Wave vector relationship, different representations (Brillouin zone)
8	June 2021	Classical theory of lattice heat capacity (Concept and comparison with experimental values), Einstein's theory of lattice heat capacity, Debye's model of lattice heat capacity, density of modes, limitations of Debye's model.
9	July 2021	Drude-Lorentz's classical theory, electrical conductivity, thermal conductivity, Wiedemann Franz law, significance of Fermi energy level, Hall effect, Hall voltage and Hall coefficient, experimental determination of Hall coefficient, Importance of Hall effect.

Dr. Y. B. Rasal

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Dr. Yogesh Balwantrao Rasal, Department - Physics

Class - T. Y. B. Sc. Paper – XV (CM & QM) & XIX (Atomic, Molecular Physics & Laser)

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	Mechanics of a Particle, Mechanics of system of particles Constraints, Classification of Constraints, Virtual Work, D'Alembert's principle, Lagrange's equation, Simple application of Lagrangian formulation -Simple Pendulum, Particle in space, Linear Harmonic Oscillator, Atwood's Machine.
2	Nov. 2020	Introduction, Failure of Classical mechanics, Black body Radiation (Distribution of Energy), Plank's Quantum theory-Plank's Quantum postulates, linear momentum of photon in terms of wave vector, Plank's radiation law-Wein's law and Rayleigh's law, Einstein's equation: Quantum theory of photoelectric effect, Quantum effect.
3	Dec. 2020	Introduction, de-Broglie's hypothesis for matter waves, de-Broglie's wavelength in terms of energy and temperature, de-Broglie phase velocity and particle velocity (relation between them), Group velocity, Relation between group velocity and phase velocity, Davisson-Germer Experiment,
4	Jan. 2021	Heisenberg uncertainty principle, Applications of Heisenberg uncertainty principle (1) Nonexistence of electrons in nucleus (2) Binding energy of an electron in an atom. Wave Function (Ψ) of a moving particle, Time dependent Schrodinger's wave equation, Expectation value, Operators,
5	Feb. 2021	Time independent Schrodinger equation (steady state form), particle in one dimensional box, Quantization of energy and momentum.
6	April 2021	Introduction, Thomson atom model, the Rutherford nuclear atom model, drawbacks of Rutherford atomic model, the Bohr's atom model, Bohr's theory of origin of spectral lines, diagrammatic representation of the series spectrum of the H-atom in the light of Bohr's theory.
7	May 2021	Introduction-vector atom model, Quantum numbers associated with the vector atom model, L-S coupling, j-j coupling, The Pauli's exclusion principle, Selection rules, Intensity Rules, Interval Rule, Normal Zeeman effect, Anomalous Zeeman effect, Stark effect and its experimental study.
8	June 2021	Introduction, origin of pure rotational spectrum of a molecule, origin of vibration- rotation spectrum of a molecule, Rayleigh's law of scattering, Raman effect- Discovery, experimental study, Applications of Raman effect-molecular structure, Nature of liquids, Crystal Physics, Nuclear Physics, Chemical effects.
9	July 2021	Introduction, induced absorption, spontaneous emission, stimulated emission, population inversion, properties of laser beam, laser pumping, Types of laser- Ruby laser, He-Ne laser, carbon dioxide (CO_2) laser, Applications of laser- Biological, medical and industrial.

Dr. Y. B. Rasal

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name – Dr. Aruna M. Kulkarni
Department-Mathematics

Class - B.Sc.-III **Paper – Algebra**

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	SEM-V Definition of Group, Examples of Groups, Preliminary lemmas, Subgroups.
2	Nov. 2020	A counting Principal, Normal Subgroups, Quotient Groups.
3	Dec. 2020	Homomorphism, Automorphism.
4	Jan. 2021	Definition and examples of Ring, Some special classes of Ring,
5	Feb. 2021	Ideals and Quotient Rings, More Ideals and Quotient Rings, Polynomial Rings. Differential Operators.
6	April 2021	SEM-VI Vector Spaces, Elementary Basic Concepts, Examples of Vector Spaces.
7	May 2021	Linear Independence and Bases.
8	June 2021	Dual Spaces
9	July 2021	Inner Product Spaces, Modules.

Dr. Aruna. M. Kulkarni

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name – Dr. Aruna M. Kulkarni
Department-Mathematics

Class - B.Sc.-II **Paper – Mechanics**

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	SEM-III Forces Acting on a Particle.
2	Nov. 2020	Equilibrium of Forces Acting on a Particle.
3	Dec. 2020	Equilibrium of Forces Acting on a Particle.
4	Jan. 2021	Forces Acting on Rigid Body.
5	Feb. 2021	Centre of Gravity.
6	April 2021	SEM-IV Kinematics and Dynamics of a Particle in Two Dimensions.
7	May 2021	Kinetics of a Particle.
8	June 2021	Motion of a Projectile and Motion in Resisting Medium.
9	July 2021	Central Orbits.

Dr. Aruna. M. Kulkarni

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name – Dr. Aruna M. Kulkarni
Department-Mathematics

Class - B.Sc.-I **Paper –** Calculus

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	Prerequisite and Differentiation.
2	Nov. 2020	Successive Differentiation.
3	Dec. 2020	Mean Value Theorems.
4	Jan. 2021	Partial Differentiation.
5	Feb. 2021	Differential Operators.
6	April 2021	SEM-II Integral Transforms.
7	May 2021	Methods of Integration Integration of Algebraic Rational Functions.
8	June 2021	Integration of Algebraic Trigonometric Functions. Areas of Plane Regions.
9	July 2021	Rectification, Length of Plane Curve. Volumes and Surfaces of Revolution.

Dr. Aruna M. Kulkarni

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name – Dr. Aruna M. Kulkarni
Department-Mathematics

Class - B.Sc.-III **Paper** – Ordinary

Differential Equations

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	SEM- VComplex NumbersFunctions, Polynomials, Complex Series and exponential function, Determinants.
2	Nov. 2020	Linear Equations of First Order Differential Equations, Linear equations of First Order. The equation y`+ay = 0, The equation y`+ay= b(x),
3	Dec. 2020	The equation y`+ay = 0, The equation y`+ay= b(x), The general equation of the first order.
4	Jan. 2021	Linear Equations with Constant Coefficients. Introduction, The Second order homogeneous equation, Initial value problems for second order equation.
5	Feb. 2021	Linear Dependence and Independence, A formula for Wronskian, The non-homogeneous equation of order two.
6	April 2021	SEM- VI Linear Equations with variable coefficients. Initial value problems for the homogeneous equation, solution of homogeneous equation, The wronskian and linear independence.
7	May 2021	Reduction of the order of a homogeneous equation, The non-homogeneous equation, homogeneous equation with analytic coefficients. The Legendre equation.
8	June 2021	Linear equations with regular singular points. The Euler equation, Second order equations with regular singular points
9	July 2021	Second order equations with regular singular points, The Bessel equation.

Dr. A. M. Kulkarni

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Munot Dhanashri Anil
Department - Mathematics

Class - T.Y.B.Sc. **Paper – MAT 501& MAT 601**

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	Introduction, set Theory and operations of sets
2	Nov. 2020	Maternity Leave
3	Dec. 2020	Maternity Leave
4	Jan. 2021	Maternity Leave
5	Feb. 2021	Maternity Leave
6	April 2021	Maternity Leave
7	May 2021	Limits in Metric Spaces, Continuous functions on metric spaces
8	June 2021	Connectedness, completeness, compactness
9	July 2021	Fourier series, Revision, Test

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Munot Dhanashri Anil
Department - Mathematics

Class - S.Y.B.Sc. **Paper – MAT 302& MAT 402**

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	Introduction, relationship between beta and gamma functions
2	Nov. 2020	Maternity Leave
3	Dec. 2020	Maternity Leave
4	Jan. 2021	Maternity Leave
5	Feb. 2021	Maternity Leave
6	April 2021	Maternity Leave
7	May 2021	Prerequisites, introduction to first order PDE
8	June 2021	Linear non homogeneous PDE with variable coefficient, with constant coefficient
9	July 2021	Revision, Test

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Munot Dhanashri Anil
Department - Mathematics

Class - S.Y.B.Sc. **Paper – MAT 301 & MAT 401**

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	Introduction, Division algorithm, GCD
2	Nov. 2020	Maternity Leave
3	Dec. 2020	Maternity Leave
4	Jan. 2021	Maternity Leave
5	Feb.2021	Maternity Leave
6	April 2021	Maternity Leave
7	May 2021	Introduction, Solutions of algebraic and transcendental equation Interpolation, Curve fitting
8	June 2021	Solutions of linear system of equations, Numerical solution to ODE
9	July 2021	Revision, Test

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Dhanashri Anil Munot
Department - Mathematics

Class - F.Y.B.Sc. **Paper – MAT 102 & MAT 202**

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	Prerequisites, Introduction to ODE, Equation of first order and first degree
2	Nov. 2020	Maternity Leave
3	Dec. 2020	Maternity Leave
4	Jan. 2021	Maternity Leave
5	Feb. 2021	Maternity Leave
6	April 2021	Maternity Leave
7	May 2021	The Plane , Right Line
8	June 2021	Sphere, Cone, Cylinder, Central Contact coid
9	July 2021	Exercise, Examples, Test

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name – Asst. Prof. Hase S. R. **Department – Computer Science**

Class - FYBSc **Paper – CSO1 & CSO4**

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	**Fundamentals of Computer System** • Introduction • Characteristics & features of Computers. • Components of Computers. • Organization of Computer
2	Nov. 2020	**Algorithm and Flowcharts** • Algorithm • Definition • Characteristics • Advantages and disadvantages • Examples **Flowchart** • Definition • Define symbols of flowchart • Advantages and disadvantages o Examples
3	Dec. 2020	**Computer Generation & Classification** • Generation of Computers: First to Fifth • Classification of Computers • Distributed & Parallel computers **Computer Languages** • Types of Programming Languages • Machine Languages • Assembly Languages • High Level Languages • Assembler, Linker, Loader, Interpreter & Compiler.
4	Jan. 2021	**Computer Memory** Memory Cell & Organization 2/4 Types of Memory (Primary And Secondary) RAM ROM PROM EPROM Secondary Storage Devices (FD, CD, HD, Pen drive, DVD, Tape Drive, DAT) **I/O Devices** Input Devices • Touch screen, OMR, OBR, OCR, Light pen Output Devices • Scanners, Digitizers, Plotters, LCD • Plasma Display, Printers

5	Feb. 2021	**Processor** • Structure of Instruction • Description of Processor • Processor Features • RISC & CISC 2/5 **Operating system Concepts** • Why Operating System • Functions of Operating System • Types of Operating System • Batch O.S. • Multiprogramming O.S. • Time Sharing O.S • Personal Computers O.S. • Network O.S.
6	April 2021	**Introduction to Software** Software: Definition classification and components of software operating system as the main component of system software;
7	May 2021	**Operating System Fundamental** • Operating Systems: OS as a resource manager, Structure of OS, OS functions, Characteristics of modern OS. • Types of O.S.: Early systems, simple batch systems, multiprogrammed batch systems, Time sharing system, Personal Computer systems, Parallel systems, Distributed systems, Real time systems • OS Structures: Components of OS: Process management, Memory management, Storage management, File management, I/O management.
8	June 2021	**Process Management** • Concept of Process: Process State, Operation on Processes, thread. • CPU Scheduling: Types of Schedulers, Criteria for scheduling, Scheduling Algorithms. Process Synchronization: Need for synchronization, Critical Section, Hardware Synchronization, Semaphores, Monitors, Problem of synchronization. • Deadlocks: Concept of Deadlock, Deadlock Modeling, Methods for Handling Deadlock
9	July 2021	**Storage Management** • Memory Management: Address Binding, Logical vs. Physical Address space, Memory Allocation, Paging, Segmentation, Segmentation and paging of Intel Pentium. • Virtual Memory: Demand Paging, Page replacement Algorithms (FIFO, Optimal, LRU), Virtual Memory in windows Xp. • File System Interface: Files, File Access, Directory Structure, Protection • Implementation of File System: Allocation Methods, Free space Management **I/O System** • I/O System Components : I/O Devices , I/O Hardware , Application I/O interface • Secondary Storage Structure : Disk fundamental, Disk Scheduling , Disk Management

(Hase Sir)

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name – Asst. Prof. Hase S. R. **Department – Computer Science**

Class - FYBSc **Paper – CSO2 & CSO5**

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	**Number Systems and Arithmetic** Decimal Number System & Binary Number System Decimal to Binary conversion(Double-dabble method only) Binary to Decimal Conversion Binary Arithmetic : Binary addition, subtraction, multiplication & division Hexadecimal number system , Hexadecimal to binary, binary to Hexadecimal, Hexadecimal to decimal conversion Hexadecimal arithmetic: Addition, subtraction, multiplication & division Binary subtraction using 1' complement, 2's complement method
2	Nov. 2020	**Boolean Algebra and Logic Gates** Postulates of Boolean Algebra Theorems of Boolean Algebra: Complementation , commutative, AND, OR, Associative, Distributive, Absorption laws , De morgan's theorems Reducing Boolean expressions 1 Logic Gates : AND, OR, NOT, Ex-OR, Ex-NOR NAND as Universal building block Logic diagrams of Boolean expressions Boolean expressions for logic diagram
3	Dec. 2020	**Minimization Techniques** Introduction , Minterms and Maxterms 1 K-Map, K-map for 2 variables K-map for 3 variables K-map for 4 variables Combinational and Arithmetic Logic Circuits Half Adder & Full Adder Binary parallel Adder Half Subtractor, Full Subtractor Adder/Subtractor in 2's complement system BCD to Decimal decoder 2 : 4 demultiplexer 4 line to 1 line multiplexer
4	Jan. 2021	**Flip Flops** Introduction : RS FF Clocked RS FF, D FF Triggering, preset and clear JK FF , T FF , Race around condition Master slave FF **Counters** Introduction : Asynchronous/ ripple counter Modulus Counter , MOD-12 counter Synchronous counter : Synchronous serial & synch parallel counter BCD counter Ring counter Johnson counter
5	Feb. 2021	**Shift Registers** Introduction, Buffer register 1 Serial- in serial –out, Serial-in parallel-out 1 Parallel-in serial-out, parallel-in parallel-out

6	April 2021	**Introduction** • An Overview of C , History of C language, • C as a Structured Language, Features of C. Basic Elements & Operators • Character set, C Token, Identifier & Keywords, Variables • Constant and its types. Integer constant, floating point constant, character constant, string constants. • Operators: Arithmetic, Relational, Logical, Unary operators: Increment & decrement Assignment and Conditional operator. • Precedence & Associatively of Operators
7	May 2021	**Data Types** • Data Types: int, char, float, double. Declaration & Initialization. • Type modifiers: long, short, signed and unsigned C Program & I/O statements • Structure of C Program, Compilation & Execution of C program I/O: Introduction, Formatted Input/Output function: scanf & printf, Escape sequence characters. • Library functions: General used & Mathematical.
8	June 2021	**Control and Iterative Statements:** • Simple if, nested if, if-else, else if ladder • Switch-case statement • The conditional expression (? : operator) • while and do-while loop, and for loop • break & continue statement, goto statement
9	July 2021	**Arrays:** • Introduction, Declaration and initialization Accessing array elements, Memory representation of array. • One dimension and multidimensional arrays, character array, Introduction to string Functions Introduction, types of functions. Defining functions, Arguments, Function prototype, actual parameters and formal parameters, Calling function, Returning function results, Call by value, Recursion.

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name – Asst. Prof. Hase S. R. **Department – Computer Science**

Class - SYBSc **Paper – CS07& CS11**

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	**Functions** Introduction, types of functions, Defining functions, Arguments, functions prototypes ,actual parameters and formal parameters, calling functions, returning function result, Call by Value, Recursion
2	Nov. 2020	**Structures and Unions** Structure: introductions, declarations and initializing structure, accessing structure members, nested structure, array of structure, typedef statement Union declaration, difference between structures and union **Pointer** Introductions, memory organization. declarations initializations of pointer. The pointer operator * and & De-referencing, pointer expression pointer arithmetic pointer to pointer.
3	Dec. 2020	**Storage Class Library Functions:** Storage classes, scope, visibility at the lifetime of variable, block and file scope auto, extern, static and register storage classes String handling function strcpy(), strcmp(), strcat(), strlen(), strupr(), strlwr(), gets(),puts() **Data conversion function from stdlib.h** atoi(), atol(), atof(),itoa(),ltoa(),random(),calloc(), malloc(),exit,abs(),toupper(),tolower()
4	Jan. 2021	**Preprocessor directive** file inclusion and conditional compiler directives, macro substitutions define #define, #if, #ifdef, #else, #elif, #endif **File handling** Introduction, opening and closing, file input output operations on file, text and binary file, getc(), putc() function. File copy program, fprintf() and fscanf(). fread() and fwrite() function . Writing and reading records from binary Files, appending, modifying and deleting record from file. Random Access function fseek(), rewind() flushall(), remove(), rename().
5	Feb. 2021	**Command line arguments:** use of argc and argv **Graphics in C:** Introduction : initgraph() and detectgraph() function , drawing object in C , Line Circle, rectangle, Ellipse, Changing foreground & background colors filling object by color , outttextlx() function
6	April 2021	**Introduction of OOPS** Procedural Vs object oriented programming, Basic concepts of object oriented programming, class ,object, Data Abstraction, Encapsulation , Inheritance,

		Polymorphism, Dynamic Binding , Message passing, benefits and application of OOP, History and overview of C++, C++ program structure , reference variable , scope resolution operator , Member de-referencing operator, new and delete, cin and cout , The endl and setw manipulator
7	May 2021	**Function in C++** Function prototype , call by reference (using reference variable) return by reference, inline function, default arguments, const arguments.
8	June 2021	**Object and classes:** Specifying a class, private and public, define member function, nesting of member function, Object as data types, Memory allocation for objects, static data member and member function . array of objects as function arguments returning object, friend function and its characteristics.
9	July 2021	**Constructor and Destructor** Introduction, default and parameterized constructor, multiple constructor in a class, copy constructor , destructor Operator overloading Overloading unary operator, rules for operator overloading, overloading without friend function and using friend function, overloading binary operators such as arithmetic and relational operators, concatenating string, comparison operators.

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Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name – Asst. Prof. Hase S. R. **Department – Computer Science**

Class - SYBSc **Paper – CS08& CS12**

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	**Introductions to Data Structures:** Introduction, Basic Terminology : Data item, Fields, Record, Files, Entity, Attributes Data organization and data structure
2	Nov. 2020	**Array** Representations of Linear array, Traversing, Insertion and Deletion, Sorting and Searching Algorithms, Multidimensional array 2D & M-D Concepts, Record: Record Structure, Representation in memory
3	Dec. 2020	**Linked list** Concept of Linked list, Representations of linked list in memory, Traversing a link list, Searching linked list: sorted and unsorted, Insertion & Deletion in Linked List Header linked list Two way list
4	Jan. 2021	**Stack Queues, Recursion** Stack operation, Array Representation of stack, linked representation of stack, Arithmetic Expression, POLISH & POSTFIX, Application of stacks:
5	Feb. 2021	Quicksort, Recursion Queue: Representation of queue and link, type of queue: Deques &Priority Queue Priority Queue
6	April 2021	**Basic concept** Data Definitions, Types of Data, Records and Files File based systems and Processing Database System Applications, Purpose of Database systems Abstractions and data Integration Three level architectures proposal for DBMS. Component of DBMS users, Facilities and structure. Advantages and Disadvantages of DBMS.
7	May 2021	**Data Modelling and Design** Data associations entities, Attributes & Associations, Relationships among Entities, Representations Mapping Cardinality, Enitty-Relationship : Binary & Ternary, Representation Mapping Cardinality, Entity – Relationships Design Issues
8	June 2021	**Relational Data Model** Basic structure of Relational Data model, Database Schema Constraints : Integrity Rule 1 & 2 Normal form : Anomalies, Functional dependency, Dependency diagram, first normal form, second normal form , third normal form conversion from universal to 1NF, 1NF to 2NF and 2NF to 3NF.
9	July 2021	**Relational algebra** Basic operations- union, intersections, difference and Cartesian product advance operations- projection, selections, join (inner and outer) Division Example based on above Operation, Relation algebraic queries **Introduction to Oracle**

		Oracle software: Versions of Oracle, Product of Oracle, Tools of Oracle SQL:SQL logging to SQL/ iSQ, SQL plus worksheet

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Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name – Asst. Prof. Hase S. R. **Department – Computer Science**

Class - TYBSc **Paper – CS15 & CS19**

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	**Software and Software Engineering** What is Software, Characteristics of software, categories of Software, attributes of WebApps, software Engineering, Software Process, Essence Software Engineering Practice, General Principles, Software Myths
2	Nov. 2020	**Software Process and Process Models** Software process Model Process Flow, Process Models, Waterfall model, Incremental Process Model, Evolutionary Process Models,
3	Dec. 2020	Concurrent Models, Specialized Process Models, The Unified Process, Personal and Team Process Models, Product and Process
4	Jan. 2021	**Agile** Introduction to Agility, Agility and the Cost of Change, Agile Process, Agility Principles, Human Factors, Extreme Programming (XP), XP Values, XP Process, Industrial, Critics of XP
5	Feb. 2021	**Principles That Guide Practice** Principles That Guide Process, Principles That Guide Practice, Communication Principles, Planning Principles, Modeling Principles, Construction Principles, Deployment Principles
6	April 2021	**Introduction Communication System** Components of communication system, Computer network Advantage and applications of computer n/w. point-to-point and multipoint line configuration, LAN, MAN and WAN. Analog and Digital signals, Data Transmission: Parallel and Serial, Synchronous and Asynchronous transmission, Transmission Mode: Simplex, half-duplex and full-duplex.
7	May 2021	**Network Topologies** Mesh, Star, Tree, Bus and Ring and Hybrid Topology (Advantages and disadvantages of each
8	June 2021	**Transmission media** Guided and unguided media, Twisted-pair, UTP and STP cable, coaxial cable, Optical Fiber cable, Radio waves, Microwaves, Satellite Communication (Transmission characteristics and advantages of each type) **Modulation & Multiplexing** Concept of modulation and demodulation, Digital-to-analog conversion, Amplitude Shift Keying (ASK)/AM, Frequency Shift Keying (FSK)/FM, Phase Shift keying (PSK)/PM
9	July 2021	**The Mobile Telephone System** First Generation(1G), Second Generation(2G), Third Generation(3G), Internet over cable, Spectrum Allocation, cable Modem, ADSL Versus Cable

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Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name – Asst. Prof. Hase S. R. **Department – Computer Science**

Class - TYBSc **Paper – CS16 & CS20**

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	**Introducing HTML5** Understanding HTML, XHTML, and HTML5, Introducing semantic markup, Syntax, Attributes, Working with elements, Creating an HTML document Embedding content, Embedding HTML by using inline frames, Working with hyperlinks, Adding images to your HTML document, Embedding plug-in content.
2	Nov. 2020	**Advances of HTML5** HTML5 Layout container Format using element Working with Tables: creating regular and irregular tables, heading, columns and rows, captions, header, footer.
3	Dec. 2020	**Introducing JavaScript** Basic of JavaScript JavaScript Variables, Operators & Its Precedence, Special Values, Predefined Built-Infunctions, Functions Declaration & Call String Functions Conditions and looping structure, Inline JavaScript & External JavaScript
4	Jan. 2021	**Advances in JavaScript** Object in JavaScript, Concept of array, how to use it in JavaScript, types of an array, array methods DOM Concept in JavaScript, DOM Objects, DOM Search Methods Event handling in JavaScript: Capturing & Bubbling, Subscribing, Unsubscribing and Cancelling Event, Windows Event, Keyboard and Mouse Events.
5	Feb. 2021	**Cascading Style Sheet** Introduction to CSS3 Defining and Applying a Style, Inline, Embedded and External Style Sheet. Selectors: element, id and class selector, grouping selector, attribute, Specificity and cascading CSS properties: Color, box Model, border, padding, margin, float, clear
6	April 2021	Basic Concepts of Technology and Law, Understanding the Technology of Internet, Scope of Cyber Laws, Cyber Jurisprudence. Law of Digital Contracts The Essence of Digital Contracts.
7	May 2021	The System of Digital Signatures. The Role and Function of Certifying Authorities. The Science of Cryptography, E-Governance, Cyber Crimes and Cyber Laws. Introduction to Intellectual Property
8	June 2021	Information Technology Act 2000 Cyber Law Issues in E-Business Management. Major issues in Cyber Evidence Management,
9	July 2021	Cyber Law Compliancy Audit, The Ethics of Computer Security. Relevant Rules Notifications, Information Technology (Amendment) Act, 2008.

(HASE S.R.)

5	Feb.2021	Study of following families. 6) Acanthaceae 7) Lamiaceae (Labiatae) 8) Nyctaginaceae 9) Liliaceae (Graminaceae)
6	April 2021	Unit-1. Gymnosperm. 1. Salient feature, classification as per Sporne (1965) Economic imp of Gymnosperm. 2.) Geological time scale, fossilization, type of fossils Lygenopteris, fossil fule. 3.) Contribution of prof Birbal Sahani 4) Study of morphology and anatomy, reproduction and graphical representation and life cycles of cycus.
7	May 2021	Study of morphology, anatomy, reproduction. and graphical representation and life cycle of pinus. Unit-2:- Utilization of plants.- 1.) Demonstration of plants and their origen. 2) History, origen, cultivation harvesting, improved varieties. and Eco. imp of the following plants. Food plants — i) wheat, and Jawar,
8	June 2021	History, origen, cultivation harvesting improved varieties and Eco. imp of the following plants. ii) sugar - sugarcane iii) Fibers - cotton, Jute iv) vegetable:- Groundnut sunflower.
9	July 2021	v.) Beverages- Tea, coffee 3) Botanical name, Family, Eco. imp of following i) medicinal plants — Aloe vera, W. somniferea. curcuma longa, vitex negunda ii) Timber and Gum - Teak, Neem, Babul, Sisham iii) cosmatics and perfumes - Rose, mogra, tubrose iv) spices — clove, Black papper, cumin, coriander, cinnamon. etc.

(Sawad. I. G.)

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College,
Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Mr. SAYYAD. I. G Department - BOTANY

Class - S.Y. B.Sc Paper - TAXANOMY OF ANGIOSPERMS (IX)
Gymnospermy Hilization of Plants XIII

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	Unit - 1 @ Salient Feature, origen and evolution of Angiosperm 2 (b) Bentheum and Hookers system of classification up to series level, It's merits and Demerits.
2	Nov. 2020	3. Taxanomy in relation to anatomy, embryology, palynology, ecology, and cytology 4. concept of Binomial Nomineclature and its Advantages 5. concept of genews, species and epithet
3	Dec. 2020	5. Harbariums and Botanical Garden. Units - 2 - study of following family systamic position, salient Feature, Floral formula, Floral digram, common example and their economic Importance 1) Anonaceae 2) Malvaceae 3) Leguminoceae
4	Jan. 2021	study of following Families. Fabaceae (Papilionaceae) ceasalpiniaceae mimosaceae 4) Apocynaceae 5) Solanaceae

5	Feb.2021	Unit-3 1) Chromosome: Defn, morphology - size shape, number, ultrastructure - chemical composition function of chromosome. polytene and lampbrush chromosome. 2) Chromosomal aberrations:- Duplication, inversion, Deletion and translocation.
6	April 2021	Unit-1 1) Mendelism:- Introduction - G.J. mendel mendelian principle - Law of Dominance, law of segregation law of independent assortment, back cross & Test cross. 2) Interaction of genes:- 1) Allelic interaction: incomplete dominance, co dominance, lethal genes and Blood group inheritance.
7	May 2021	ii) Non allelic and epistatic: a) Complementary genes (9:7) b) supplementary genes (9:3:4) c) Dominant epistatic genes (12:3:1) d) Duplicate genes (15:1) 3) Sex determination: i) chromosomal theory of sex determination ii) sex determination in man (XX-XY) Drosophila (XX-XY) birds (ZZ-ZW), grasshopper (XX-XO)
8	June 2021	Unit: 2: 1) Sex linked inheritance X, XY and Y linked inheritance i) colour blindness and hemophilia in man ii) Holandric genes iii) White eye colour in Drosophila iv) Gynandromorphs.
9	July 2021	Unit: 3: Biotechnology 1) concept of genetic engineering 2) Restriction endonucleases, properties and uses. 3) Cloning vectors - plasmids and phage vectors. 4) Techniques of genetic engineering. 5) Application of genetic engineering.

Basyal
(Anasse P.S)

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Dr. Anasse. P.S Department - Botany

Class - T.Y. Bsc. Paper - Cell Biology & Molecular Biology & Genetics and Biotechnology

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	Unit-I - Structure of prokaryotic cell and Eukaryotic cell, structure & fns of cellwall cell organelles - Golgi complex;
2	Nov. 2020	Endoplasmic, reticulum, lysosomes, Nucleus - Ultrastructure (nuclear membrane nucleolus, chromatin material, nucleoplasm), function of nucleus.
3	Dec. 2020	Unit; 2 - 1) Cell division a) cell cycle - G1 phase, S phase, G2 phase and M phase b) mitosis - defination, process and significance c) meiosis - defination, process and significance
4	Jan. 2021	2) Nucleic acids: a) DNA: Defn, stru, che. comp, Watson and Crick's model, Z-DNA, B-DNA, fns of DNA. b) Replications of DNA - conservative, semiconservative and dispersive. c) RNA: structure, types and functions.

5	Feb.2021	structure fns and modification of calyx, corolla, androecium and gynoecium, aestivation and placentation. Fruit:- Types of fruit Fruit and seed dispersal strategies.
6	April 2021	Unit-1 Histology a) Types of tissue i) Meristematic tissue ii) permanent tissue - simple, complex & secretary. iii) Epidermal tissue: Trichomes and stomata. b) Histological org of root & shoot apices.
7	May 2021	Unit-2 : Anatomy a) primary structure of root, stem and leaf of monocot (maize) and Dicot (sunflower) b) secondary growth in root and stem Dicot c) Wood anatomy: Growth rings, heart wood and sap wood.
8	June 2021	d) periderm : origin, structure and functions. Unit: 3 : Embryology a) structure of anther, development of male gametophyte. b) structure & types of ovule, development of female gametophyte.
9	July 2021	c) pollination - mech^n, types and agencies. d) Double fertilization and its significance e) Development of Dicot embryo. f) Struc, development and types of endosperm g) structure of Dicot and monocot seed.

Balaji
(Assistant P.S)

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Dr. Anasse P.S. Department - Botany

Class - F.Y.Bsc Paper - Morphology of Angiosperms + Histology, Anatomy and Embryology

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	Unit-1. 1:1 - Basic body plan of flowering plant modular type of growth, diversity of plant forms - Herbs, shrubs, Trees, climbers, annuals, biennials and perennials.
2	Nov. 2020	1:2 Morphology of vegetative organs: a) Root: characteristics, fns, regions of root, types - tap and adventitious modification of root for storage, mechanical support (stilt root) and vital functions (pneumatophore)
3	Dec. 2020	b) Stem :- characteristics, functions, modification - underground, sub aerial and aerial. c) Leaf: parts of typical leaf, phyllotaxy, types (simple and compound) diversity in shape and size, venation and modification of leaf.
4	Jan. 2021	Unit-2 Morphology of reproductive organs 1) Inflorescence: Racemose, cymose and special types 2) Flower: Defn, parts of flower, forms of thallamus, androphore, gynophore, gynandrophore insertion of floral whorl's on thallamus.

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name: Dr. P.B. Jadhavar **Department:** Botany

Class: B.Sc. I, II **Paper:** Diversity of Cryptogams –I, Diversity of Cryptogams – II, Practical based on Theory Paper No. IV & V, Plant Ecology and Plant Physiology

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	**First Year Theory: Viruses:** General characters, classification based on host, economic importance, TMV – structure and multiplication. **Mycoplasma:** General characters. **Practiacl: 1.** Study of simple and compound microscope **2.** Virus: Tobacco Mosaic Virus **3.** Gram staining in bacteria, forms of Bacteria
		Second Year Theory A)Climatic factors – a) Light as an ecological factor, global radiation and photo synthetically active radiation b) Temperature as an ecological factor. c) Water as an ecological factor, physicochemical properties of water.
2	Nov. 2020	**First Year Theory: Bacteria:** General characters, ultra structure, classification based on shape, reproduction, economic importance. **Cryptogams:** General characters, classification according to G.M. Smith up to class level. **Lichens:** General characters, nature of association, forms of thalli, economic importance, structure and reproduction in *Usnea* **Practiacl: First Year Theory: Algae:***a) Nostoc ,b) Chara, c) Botrydium, d) Sargassum, e) Batrachospermum*
		Second Year Theory B) Edaphic factor – Soil formation, soil profile, physicochemical properties of soil, major soil types of India, soil erosion and soil conservation.
3	Dec. 2020	**First Year Theory: Algae:** General characters, classification according to F.E. Fritsch (1935) up to the class level, economic importance. Systematic position, occurrence, thallus structure, reproduction:-vegetative, asexual and sexual and graphic life cycle with respect to following types: i. *Nostoc* ii. *Chara* iii. *Botrydium* iv. *Sargassum* v. *Batrachospermum* **Practiacl: 5. Fungi:***a) Albugo b) Mucor, c) Eurotium d) Agaricus* e) *Cercospora* **6. Lichens:** Form
		Second Year Theory 1. Response of plants to water Morphological, physiological and anatomical response of plants to water: hydrophytes, xerophytes, halophytes and epiphytes.
4	Jan. 2021	**First Year Theory: Fungi:** General characters, classification according to Alexopoulous and Mims (1979) up to the class level, economic importance. Systematic position, occurrence, structure of mycelium, reproduction - asexual, sexual and graphic life cycle with respect to the following types: i) Oomycetes – *Albugo* ii) Zygomycetes – *Mucor* iii) Ascomycetes – *Eurotium* iv) Basidiomycetes – *Agaricus* v) Deuteromycetes – *Cercospora* **Practiacl: 1. Study of root and its modifications:** a) Tap root b) Adventitious root c) Storage roots d) Stilt root e) Respiratory root.
		Second Year Theory 2. Phytogeography: Biogeographical regions of India, vegetation types of India.
5	Feb. 2021	**Bryophytes: 1.**General characters of bryophytes, classification as per G. M. Smith **Practiacl:** 2. **Study of stem and its modifications:** a) Underground stem b) Sub aerial stem c) Aerial stem
6	April	**First Year Theory: 2.** Systematic position, occurrence, thallus structure (external and

	2021	internal), reproduction -vegetative, asexual, and sexual (excluding developmental stages), graphic life cycle and alternation of generations of the following types: a) *Marchantia* b) *Funaria* **Practiacl:** 3. **Study of leaf and its diversity**: a) Types of leaf (Simple, Compound) b) Shape and size c) Venation d) Phyllotaxy e) Modifications
		Second Year Theory: 1. Plant water relations: a) Diffusion, osmosis, plasmolysis and imbibition. b) Water absorption and ascent of sap (Transpiration pull theory). c) Transpiration – Definition, types -cuticular, lenticular and stomatal, structure of stomata, mechanism of opening and closing of stomata.
7	May 2021	**First Year Theory: Pteridophytes:** General characters of Pteridophytes, classification as per G. M. Smith Systematic position, occurrence, external and internal structure of sporophyte and gametophyte, reproduction, graphic life cycle and alternation of generations. **Practiacl: Study of inflorescence**: a) Racemose b) Cymose c) Special
		Second Year Theory: 2. Mineral nutrition: a) Macro and microelements: roles and deficiency symptoms of N, P, K, Mg, Ca, Fe, Zn, Bo, Mo. b) Mineral uptake – passive (ion exchange theory) and active (carrier concept) . 3. Translocation of solutes: Mass flow hypothesis, protoplasmic streaming theory, Source and sink relationship.
8	June 2021	**First Year Theory:** a) Psilopsida – *Psilotum* b) Lycopsida – *Lycopodium, Selaginella* **Practiacl: 5. Study of flowers:** a) Typical flower (*Hibiscus / Datura*) b) Hypogynous, Perigynous and Epigynous c) Aestivation d) Forms of corolla – cruciform, papilionaceous, infundibuliform and bilabiate e) Parts of typical stamen, adhesion and cohesion. f) Parts of typical carpel and placentation
		Second Year Theory: 1. Enzymes : Chemical nature holoenzyme , apoenzyme, prosthetic group, cofactor and coenzyme, properties , nomenclature, classification based on type of reactions, mechanism of enzyme action . 2. Growth: Definition, Phases of Growth, Sigmoid growth curve. 3.Growth regulators: Discovery, structure, roles and practical applications of Auxins, Gibberellins, Cytokinins, Abscisic acid and Ethylene.
9	July 2021	**First Year Theory:** c) Sphenopsida – *Equisetum* d) Pteropsida – *Marsilea* **Practiacl: 6. Study of flowers with respect to pollination mechanism:** *a) Calotropis b) Ocimum c) Salvia d) Helianthus e) Ficus f) Clitoria*
		Second Year Theory: 1. Photosynthesis: Definition, ultrastructure of chloroplast, photosynthetic pigments, Light reactions -Hill reaction, red drop and Emerson enhancement effect, two pigment systems (PS I, PS II), photophosphorylation – cyclic and non cyclic, Z-scheme; Dark reactions -C3, C4 and CAM pathways. 2. Respiration: Definition, Ultrastructure of mitochondria, types of respiration, Glycolysis, TCA Cycle, Electron transport system, alcoholic and lactic acid fermentation.

Dr. P.B. Jadhav

		ii. Study through hand sections and permanent slides Root (T.S.), Stem (T.S.), Needle (T.S.) iii. Study through permanent slide - T.L.S. & R.L.S. of stem, L.S. of male cone, L.S. of female cone
8	June 2021	**Palaeobotany:** a) Types of fossils (Specimens) b) *Lygynopteris* (Specimen / Permanent slide) **Utilization of plants :** a) Food plants – Study of the morphology, structure,and histochemical tests of food storing tissue in Jowar & Wheat b) Histochemical test of lignin and cellulose
9	July 2021	c) Vegetable oils – hand section of Groundnut & Sunflower Seed and staining of oil droplets by Sudan III d) Study of the sources of Timber, Gum, Medicinal plants, Cosmotics and Perfumes e) Study of Black pepper, Clove, Cinnamon, Cumin, Coriander f) Field notebook, specimen collection, and tour report.

Dr. S. S. Patale
Dept. of Botany

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Dr. S. S. Patale **Department - Botany**

Class - B.Sc. S.Y. Practical

Paper - IX(Taxonomy of Angiosperms) & Paper XV (Gymnosperms and Utilization of plants)

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	**Angiosperms:** Study of locally available plants of the following families : 1. Annonaceae 2. Malvaceae 3. Leguminosae
2	Nov. 2020	a) Fabaceae (Papilionaceae) b) Caesalpiniaceae c) Mimosaceae
3	Dec. 2020	4. Apocynaceae 5. Solanaceae 6. Acanthaceae
4	Jan. 2021	7. Lamiaceae (Labiatae) 8. Nyctaginaceae
5	Feb. 2021	9. Liliaceae 10. Poaceae (Gramineae)
6	April 2021	**Gymnosperms:** ***a) Cycas*** i. Habit, young leaf, bulbils, male cone, microsporophyll, megasporophyll, pollen grains, mature seed. ii. Study through permanent slides-Normal root (T.S.). Stem (T.S.), Ovule (L.S.) iii. Study through hand section-Coralloid root (T.S.), Rachis (T.S.), Leaflet (T.S.)
7	May 2021	***b) Pinus*** i. Habit, long and dwarf shoot, scale leaves, foliage leaves, male cone, female cone, pollengrains (W.M.), winged seed.

		12. Study of pathogens in fruits from local market
9	July 2021	**3.** Control measures and environment: pollution due to chemicals, residual effects, toxicity, safe measures, colour code, antidote, symptoms of poisoning, precautions in using pesticides **4.** Pesticide application equipments: principle and working –pneumatic air pump knapsack sprayer, mist blower and duster, types of nozzles **5.** Plant clinic: Concept, objective and need **6.** Recent techniques in plant pathology: Genetically modified organisms (GMO's), B.T.Cotton, Pheromones **Practical's:** 13. Study of fungi from locally available seed samples 14. Preparation of sterile media - nutrient agar, potato dextrose agar 15. Preparation of stains and mounting media - cotton blue, lacto phenol and gram stain

		d. Sterilization of glasswares and media **Practical's:** 1. Study of fungicides as per theory syllabus 2. Preparation of Bordeaux mixture, burgundy mixture and Bordeaux paste 3. Study of insecticides with respect to active ingredient, colour code, formulation, mode of action, antidote and uses 4. Study of *Trichoderma* culture
7	May 2021	**3. Culture media for isolating plant pathogen** Industrial application of microorganisms - organic acids, alcohol,milk products, antibiotics and biopesticides **Unit-2 Credit-2** **Disease management**: **1**. Preventive methods: field sanitation, use of clean planting material, crop rotation, trap crops, time of sowing, planting distance and tillage **2. Control methods –** a. Seed treatment: concept, objective, traditional and modern methods of seed treatment b. Soil sterilization: concept, objectives and methods c. Fungicides: Definition, classification and ideal characteristics of fungicides, study of fungicides with respect to active ingredients, formulations, methods of application, mode of action and uses **Practical's:** 5. Study of plant protection equipments –pneumatic air pump, knapsack sprayer, mist blower cum duster 6. Principle and working of autoclave, laminar air flow, Tilak air sampler 7. Use of aerobiological techniques to study fungal spora (gravity slide method, Tilak air sampler) 8. Calibration of microscope and measurement of fungal spores
8	June 2021	i. Sulphur fungicides – Inorganic – Wettable sulphur, Organic – Thirum ii. Copper fungicides iii. Mercuric chloride – Agrosan – GN iv. Heterocyclic nitrogenous compounds – Captan v. Benzene compounds – Dexon vi. Antibiotics – Streptomycin and Aureofungin vii. Systemic – Bavistin and Vitavax d. Pesticides:Nicotin,Neem and pyrethrum e. Rhodenticides – Zinc phosphoid f. Nematicides- Nemagon, Propoxar g Weedicides- 2,4-D h. Biological control- definition, need, examples and role Plant quarantine **Practical's:** 9. Sketching of fungal spore by camera lucida technique 10. Detection of organic acids from healthy and infected leaves by circular paper chromatography 11. Detection of Amino acids from healthy and infected leaves by circular paper chromatography

		b. Grain smut of jowar c. Ergot of bajra **2) Pulses**: a. Wilt of pigeon pea b. Yellow vein mosaic of bean **Practical's:** 3) **Vegetables:** a. Late blight of potato b. Little leaf of brinjal c. Black rot of onion (*Aspergillus*) 4) **Oil seeds:** a. Tikka disease of groundnut b. Damping off of mustard
4	Jan. 2021	**3) Vegetables:** a. Late blight of potato b. Little leaf of brinjal c. Black rot of onion (*Aspergillus*) **4) Oil seeds:** a. Tikka disease of groundnut b. Damping off of mustard **5) Cash crops:** a. Grassy shoot of sugarcane **Practical's:** 5) **Cash crops:** a. Grassy shoot of sugarcane b. Downy mildew of grapes c. Angular leaf spot of cotton d. Citrus canker
5	Feb. 2021	b. Downy mildew of grapes c. Angular leaf spot of cotton d. Citrus canker **6) Ornamentals:** a. Powdery mildew of rose **7) Weeds:** a. Rust of Euphorbia **8) Trees:** a. *Cercospora* on *Albizzia* fruits **Practical's:** 6) **Ornamentals:** Powdery mildew of rose 7) **Weeds:** Rust of Euphorbia 8) **Trees:** *Cercospora* on *Albizzia* fruits
6	April 2021	Unit-1 Credit-1 **1. Microbiology** Microorganisms in biological world, their classification and features of different groups (03) 2. **Microbial techniques**: a. Microscopy – simple, compound and electron microscope b. Micrometry – Principle, working and uses c. Staining – common stains used in pathology,their preparation and significance, (cotton blue and Gram's Stain)

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Dr. S. S. Patale **Department - Botany**

Class - B.Sc. T.Y. Theory & Practical

Paper - XVI (C) Plant Pathology & Paper XX(C) Microbiology and Disease Management

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	**Unit-1 Credit-1** **Fundamentals of plant pathology**: 1. Plant pathology – history, scope, losses due to pathogens, importance and need to study plant pathology 2. Classification of plant diseases on the basis of symptoms and causal organisms – animate and inanimate **Practical's: Unit-1 Credits-1.5** 1.Study of Koch's postulates – isolation, inoculation and disease development 2.Study of the following diseases with respect to symptoms, causal organism, disease cycle and disease management
2	Nov. 2020	3. Plant pathological institutes – IARI (Indian Agricultural Research Institute), ICRISAT(International Crop Research Institute for Semi Arid Tropics) 4. Seed pathology – concept and importance of seed pathology, seed borne pathogens, methods to study seed borne pathogens 5. Study of air borne pathogens: methods and applications 6. Field and laboratory diagnosis of plant disease - Koch's postulates **Practical's:** 1) **Cereals:** a. Black stem rust of wheat b. Grain smut of jowar c. Ergot of bajra 2) **Pulses:** a. Wilt of pigeon pea b. Yellow vein mosaic of bean
3	Dec. 2020	**Unit-2 Credit-2** **Plant diseases**: Study of the following diseases with respect to symptoms, causal organism, disease cycle and disease management: 1) **Cereals:** a. Black stem rust of wheat

Name of Teacher: Dr. R.N Abdar
Department: Zoology (Sem I and III)
Class: B.Sc. F.Y.
Paper Name: Pap-I **Protozoa to Annelida** Paper- **Paper – IV Arthropoda to Echinodermata And Protochordata**

Sr. No.	Dates/Months	Name of Topics
1	Oct. 2020	1. Introduction to the animal kingdom Definition of Zoology, Outline classification Protozoa, Parazoa, Metazoa and Major Phyla. **2. Protozoa**: - General characters 09 Plasmodium vivax: - Structure of sporozoite, Life cycle; pathogenicity, Control, Prevention and Treatment of Malaria. **Entamoeba histolytica**: Structure, Life cycle and Control. Euglena: Morphology and Reproduction. Paramecium: Morphology and Reproduction
2	Nov. 2020	**3. Porifera** : - General characters 08 Sycon (Scypha): - Morphology, Different types of cells in sycon, canal system in Porifera.
3	Dec. 2020	**4. Coelenterata:** - General characters 06 Obelia: - Morphology of Obelia colony, Development of Hydra, Polymorphism in coelenterates
4	Jan. 2021	**5. Helminths** - General characters **Fasciola hepatica:** - Structure, Life cycle, Pathogenicity & Control Measures **Taenia solium: -** Structure of scolex, Mature and gravid proglottids Life cycle, pathogenicity, and control measures.
5	Feb. 2021	**Ascaris lumbricoides**: - Structure of male & female, Life cycle, pathogenicity, and control measures **6. Annelida:** - General characters 07 Leech: - Morphology, Digestive, Excretory & Reproductive systems.
		Paper – IV Arthropoda to Echinodermata And Protochordata
6	April 2021	**1. Arthropoda**: - General characters **Prawn**: - Structure, Digestive, Nervous, & Reproductive systems. Cockroach: External Characters, Digestive, Respiratory and Reproductive systems
7	May 2021	**2. Mollusca**: - General characters Pila: - External Characters, Respiratory, Circulatory, Nervous and Reproductive systems **3. Echinodermata** : - General characters
8	June 2021	**Asterias (Sea Star):** - Morphology of oral & aboral view, Water vascular system, Reproductive system including development. 4. General characters and Classification of Protochordata
9	July 2021	**Amphioxus: -** External features, Digestive, Circulatory, Reproductive systems including development. Hemichordate: - General characters and affinities Herdmania: - General characters and morphology

Dr. Abdar. R.N.

Name of Teacher: Dr. R.N Abdar
Department: Zoology (SEM-III and IV)
Class: B.Sc. S.Y.
Paper Name: Paper – VII Vertebrate Zoology *& Paper – XI Animal Physiology (Special Emphasis On animals)

Sr. No.	Dates/Months	Name of Topics
1	Oct. 2020	**1. Agnatha:-** Outline classification, general characters, and affinities of Cyclostomata **2. Pisces: -** Outline classification and general characters
2	Nov. 2020	**Scoliodon:** - External characters, Digestive system, Respiratory system, Blood Vascular System, and Nervous System. **3. Amphibia:** - Outline classification and general characters. 06 Development of frog: - Fertilization Cleavage Blastula Gastrulation and formation of germinal layers. Neotony in Amphibia Parental care in Amphibia.
3	Dec. 2020	**4. Reptilia:** - Outline classification and general characters Calotes:-External features, Respiratory system and Blood vascular system. Poisonous and non-poisonous snakes.
4	Jan. 2021	**5. Aves: -** Outline classification and general characters. 10 Columba livia: - External features, Respiratory system, Embryology of chick.-Cleavage Blastula Gastrulation and formation of germinal layers and extraembryonic membranes
5	Feb. 2021	Flight adaptation in birds. Migration in Birds. **6. Mammalia: -** Outline classification and general characters. Ratus ratus: - External features, Blood Vascular System, Urino-genital System and Adaptive radiation in mammals. Placentation in Mammals.
		Paper – XI Animal Physiology (Special Emphasis On animals
6	April 2021	**1. Digestion**:- Brief Introduction to the digestive system. Buccal digestion - salivary secretion and digestion. Gastric digestion - gastric secretion and digestion. Intestinal digestion - Pancreatic secretion, bile juices and digestion in Small intestine, digestion and absorption in the large intestine **2. Respiration**:- Respiratory organs. Breathing mechanism. Respiratory pigments: - Properties and function of respiratory pigments
7	May 2021	External respiration. Internal respiration. Transport of gases. **3. Circulation:-** Working of the mammalian heart. Blood and its composition. Mechanism of blood clotting. **4. Excretion: -** Structure of kidney. Structure of uriniferous tubules. Urine formation: - Ultrafiltration selective, re-absorption and tubular secretion. Countercurrent multiplier system.
8	June 2021	**5. Nerve Physiology:-** Structure of nerve cells and neurons. Neurotransmitters. Synapses: - Ultrastructure and function. **6. Muscles Physiology:-** Ultrastructure of smooth muscle, striated muscles,
9	July 2021	Cardiac muscles. Muscle contraction. Simple twitch and fatigue **7. Reproduction**:- 08 Structure of gonads, Gametogenesis. Role of sex hormones in Reproduction. Reproductive cycles – estrous and menstrual cycle

Dr. Abdar R.N.

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name – Dr. Vaidya V. V. **Department – Zoology**

Class – TY BSc **Paper – Entomology**

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	**Introduction to economic entomology**
2	Nov. 2020	**Methods of collection and preservation Of insects**
3	Dec. 2020	**House hold and insect pest** **Mosquito** **Housefly** **Bed bugs** **Insect vector**
4	Jan. 2021	**Metamorphosis in insect, types of metamorphosis with example**
5	Feb. 2021	• **Insect culture:** • **Apiculture,** • **Sericulture** • **Lac culture**
6	April 2021	• **Pest: definition, types of pest** • **Study of major crop pest: Jawar, Cotton, Ground nut, Sugarcane**
7	May 2021	○ **Study of stored grain pest** ○ **Pulse bettle** ○ **Rice bettle**
8	June 2021	• Control measure of insect pest • Chemical control • Biological control • Integrated pest management
9	July 2021	• Migration of insect • Insecticides and plant protection appliances

Shri Amolak Jain VidyaPrasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College,Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name – Dr. Vaidya V. V. **Department –Zoology**

Class - T.Y. **Paper name.- Ecology and Evolution**

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	**Introduction to ecology**
2	Nov. 2020	**A biotic environmental factors**
3	Dec. 2020	**Biotic environmental factors** • **Competition** • **Predication** • **Commensalism** • **Mutualism** • **parasitism**
4	Jan. 2021	• **Population characteristics** • **Population growth and regulation** • **Biotic Community** • **Ecological succession & Biomes** • **Theories of climax concept**
5	Feb. 2021	• **Ecosystem organization** • **Food and Food chain** • **Energy flow in an ecosystem** • **Aquatic ecosystem** • **Terrestrial ecosystem** • **Adaptation in ecosystem**
6	April 2021	• **Concept of organic evolution** • **Definition and concept** • **Theories of organic evolution**
7	May 2021	• **Origin of life** • **A biogenesis and biogenesis** • **Chemical evolution of life** • **Evidences of organic evolution** • **Darwinism**
8	June 2021	• **Elemental forces of evolution** • **Mutation** • **Recombination** • **Natural selection** • **Isolation** • **Genetic drift** • **Basic pattern of evolution**
9	July 2021	• **Species and speciation** • **Fossils**

Vaidyan

Name of Teacher:**Dr. Jadhav S.S.**
Department: Zoology
Class: B.Sc. F.Y. /S.Y.
Paper Name:**Cell Biology, Genetics, Genetics II, Biochemistry and Endocrinology**

Sr. No.	Dates/Months	Name of Topics
1	Oct. 2020	Definition of animal cell Animal cell size and shape Animal cell structure Animal cell organelles Plasma membrane (Cell membrane) – Definition, Structure, and Functions with Diagram Definition of Plasma membrane (Cell membrane) Structure of Plasma membrane (Cell membrane) Functions of Plasma membrane (Cell membrane) Nucleus – Definition, Structure, and Functions with Diagram Definition of Nucleus Structure of Nucleus Functions of Nucleus Endoplasmic Reticulum (ER) – Definition, Structure, and Functions with Diagram Structure of Endoplasmic Reticulum (ER) Functions of Endoplasmic Reticulum (ER) Types of Endoplasmic Reticulum Golgi apparatus (Golgi bodies/Golgi complex) – Definition, Structure, and Functions with Diagram Structure of Golgi apparatus (Golgi bodies) Functions of Golgi apparatus (Golgi bodies) Lysosomes – Definition, Structure, and Functions with Diagram
2	Nov. 2020	Cytoplasm Definition of Cytoplasm Mitochondria – Definition, Structure, and Functions with Diagram Definition of Mitochondria Structure of Mitochondria Functions of Mitochondria Ribosomes – Definition, Structure, and Functions with Diagram Definition of Ribosomes Structure of Ribosomes Functions of Ribosomes
3	Dec. 2020	Endoplasmic Reticulum (ER) – Definition, Structure, and Functions with Diagram Structure of Endoplasmic Reticulum (ER) Functions of Endoplasmic Reticulum (ER) Types of Endoplasmic Reticulum Golgi apparatus (Golgi bodies/Golgi complex) – Definition, Structure, and Functions with Diagram

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name -Asst. Prof. Gawali N.T. **Department - English**

Class - S.Y.B.A./ BSc Comp. English Paper - II, III

Sr. No.	Month	Topic / Practical's to be Completed
1	Oct. 2020 S.Y.B. A & S.Y. BSc. (Comp. Eng) Learning Language Skills II	Introduction to English language. Introduction to Grammar & parts of Speech. Communicative skills. Review of Basic and soft skills. Vocabulary Building.
2	Nov. 2020 S.Y.B. A & S.Y. BSc. (Comp. Eng) Learning Language Skills	The Importance of English- Mulk Raj Anand, All the worlds a stage- Shakespeare, The sentence Kinds: Simple, Compound Complex, How to make a speech – Baker, Next please – Larkin The Night Train at Deoli - Bond
3	Dec. 2020 S.Y.B. A & S.Y. BSc. (Comp. Eng) Learning Language Skills	First Love- Clare, The sentence and its clauses, Father returning Home - Chitre
4	Jan. 2021 S.Y.B. A & S.Y. BSc. (Comp. Eng) Learning Language Skills	Simple Sentences: Subject & Predicate, The Conjuror's Revenge – Leacock.
5	Feb.2021 S.Y.B. A & S.Y. BSc. (Comp. Eng) Learning Language Skills II	The Luncheon – Maugham, Dover Beach – Arnold, Clauses and its kinds. Revision and Group Discussion
6	April 2021 S.Y.B. A & S.Y. BSc. (Comp. Eng) III	How to avoid an Argument- Sam Horn, Mirror – Plath.

7	**May 2021 S.Y.B. A & S.Y. BSc. (Comp. Eng) Learning Language Skills III**	Nobody Loves me- Nimeth, The Avenger- Chekhov, Sentences Synthesis – Combine two or more sentences.
8	**June 2021 S.Y.B. A & S.Y. BSc. (Comp. Eng) Learning Language Skills**	On not Answering Telephone- Rosebuds, Sonnet 43, Sentence Transformation, Sentence pattern, Night of the scorpion
9	**July 2021 S.Y.B. A & S.Y. BSc. (Comp. Eng) Learning Language Skills**	Prepositional Phrases, Synonyms & Antonyms, Sentence pattern Revision

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Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name -Asst. Prof. Gawali N.T. **Department - English**

Class - S.Y., Opt. Eng. Literature in English Paper – VI, VIII

Sr. No.	Month	Topic / Practical's to be Completed
1	**Oct. 2020** **S.Y.B.A. Opt. Eng. Literature in English VI**	Introduction to English Language & Literature Historical Background of English Literature
2	**Nov. 2020** **S.Y.B.A. Opt. Eng. Literature in English VI**	Int. to Genres of English Lit. Ballad, Int. & features of Romantic Lit. The Rhime of the Ancient Mariner
3	**Dec. 2020** **S.Y.B.A. Opt. Eng. Literature in English VI**	Int. to Novel of Romantic period. Far from the Madding Crowd - Hardy
4	**Jan. 2021** **S.Y.B.A. Opt. Eng. Literature in English VI**	Far from the Madding Crowd – Hardy Analysis of Far from the Madding
5	**Feb.2021** **S.Y.B.A. Opt. Eng. Literature in English VI**	Revision and Group Discussion The Rime of the Ancient Mariner, Revision
6	**April 2021** **S.Y.B.A. Opt. Eng. Literature in English VIII**	Introduction to Elizabethan Victorian period and poetry of Victorian period

7	**May 2021** **S.Y.B.A. Opt. Eng. Literature in English VIII**	Introduction to Dramatic Monologue Victorian Literature, Last Ride Together – Browning.
8	**June 2021** **S.Y.B.A. Opt. Eng. Literature in English VIII**	Introduction to Modern Drama Introduction to Oscar Wilde's drama
9	**July 2021** **S.Y.B.A. Opt. Eng. Literature in English VIII**	The Importance of Being Ernest- Wilde Revision

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Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name -Asst. Prof. Gawali N.T. Department – English

Class - T.Y.B.A. Twentieth Century English Lit. Paper – IX, XIII

Sr. No.	Month	Topic / Practical's to be Completed
1	Oct. 2020 T.Y.B.A. Opt. Eng. Twentieth Century English Lit. IX	Introduction to English Language & Literature Background of English Lit.
2	Nov. 2020 T.Y.B.A. Opt. Eng. IX	The Love song of Prufrock –Preludes by Elliot,
3	Dec. 2020 T.Y.B.A. Lit. IX	Int. to Fiction Sons and Lovers by Lawrence, Revision
4	Jan. 2021 Twentieth Century English Lit. IX	Int. to Modern Drama. Pygmalion by G.B. Shaw
5	Feb.2021 Twentieth Century English Lit. XIII	Pygmalion by G.B. Shaw, Revision
6	April 2021 Twentieth Century English Lit. XIII	Modern Drama, Look Back in Anger- Osborne
7	May 2021	Introduction to Fiction, Lucky Jim -- Amis
8	June 2021	Lucky Jim analysis and Discussion
9	July 2021	Lucky Jim, Revision

GAWALI N.T

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name -Asst. Prof. Gawali N.T. **Department - English**

Class - T.Y. B.A. Introduction to Literary Criticism X, XIV

Sr. No.	Month	Topic / Practical's to be Completed
1	Oct. 2020 T.Y.B.A. Introduction to Literary Criticism X	Introduction to English Language & Literature Historical Background of English Criticism.
2	Nov. 2020 T.Y.B.A. Introduction to Literary Criticism X	Int. to Genres of English Lit. Int. to Literary Criticism, Observation on Tragedy – Aristotl
3	Dec. 2020 ST.Y.B.A. Introduction to Literary Criticism X	Int. to Literary Terms Allegory, Bathos
4	Jan. 2021 Literary Criticism X	Concept of Poetry – Wordsworth
5	Feb.2021 Introduction to Literary Criticism X	Concept of Poetic Diction – Wordsworth
6	April 2021 T.Y. XIV Intr. Literary Criticim	, Concept of Literature, Conception of Business Criticism, F.R. Leavis.
7	May 2021 T.Y.B.A. Introduction to Literary XIV Criticism	Paradox, personification, Realism, Satire, Sentimentally, Style
8	June 2021	Symbol, theme, Technique, wit,

	T.Y.B.A. XIV Introduction to Literary Criticism	Critical Theory and Criticism. Concept of Literature,
9	**July 2021** **T.Y.B.A. XIV Introduction to Literary Criticism**	Conception of Business Criticism, F.R. Leavis, Revision

GAWALI N.T

Shri Amolak Jain VidyaPrasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Name of Faculty: - Dr. Kalyankar A.S. **Department - English**

Class: -S.Y.B.A. **Paper: -V: LITERATURE IN ENGLISH 1550-1750**

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	Sem III UNIT ONE: BACKGROUND STUDY 1) The Essay-Its Definition, Origin and Kinds
2	Nov 2020	2) The Epic- Its Definition, Conventions, and Kinds-Epic of Growth, Epic of Art and Mock Epic
3	Dec, 2020	UNIT TWO: FRANCIS BACON'S ESSAYS 1) Of Friendship 2) Of Love 3) Of Studies 4) Of Revenge 5) Of Parents and Children
4	Jan 2021	UNIT THREE: ALEXANDER POPE'S POEM The Rape of the Lock
5	Feb 2021	ALEXANDER POPE'S POEM The Rape of the Lock
6	April 2021	Sem IV UNIT ONE: BACKGROUND STUDY 1) Shakespearean Tragedy- Its Characterization and Plot
7	May 2021	2) Features of Restoration Literature (all genres)
8	June 2021	UNIT TWO: WILLIAM SHAKESPEARE'S PLAY Julius Caesar
9	July 2021	UNIT THREE: DANIEL DEFOE'S NOVEL Robinson Crusoe

(Mr. Kalyankar A.S.)

Shri Amolak Jain VidyaPrasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal Ashti, Dist. Beed
Month Wise Teaching Plan 2020-2021

Name of Faculty: - Dr. Kalyankar A.S. **Department - English**
Class: -T.Y.B.A. **Paper: -XI(A): AMERICAN LITERATURE (MAIN)**

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	Sem V UNIT ONE: POETRY TEXT: EMILY DICKINSON'S POEMS: i) THERE CAME A WIND LIKE A BUGLE ii) APPARENTLY WITH NO SURPRISE iii) THEY SAY THAT "TIME ASSUAGES"
2	Nov 2020	iv) "HOPE" IS THE THING WITH FEATHERS v) THE HEART ASKS PLEASURE FIRST
3	Dec, 2020	UNIT TWO: DRAMA TEXT: EUGENE O'NEILL'S PLAY: THE HAIRY APE (1921)
4	Jan 2021	DRAMA TEXT: EUGENE O'NEILL'S PLAY: THE HAIRY APE (1921) UNIT THREE: FICTION TEXT: MARK TWAINS'S FITION: THE ADVENTURES OF HUCKLEBERRY FINN (1884)
5	Feb 2021	FICTION TEXT: MARK TWAINS'S FITION: THE ADVENTURES OF HUCKLEBERRY FINN (1884)
6	April 2021	Sem VI UNIT ONE: POETRY TEXT: ROBERT FROST'S POEMS i) MENDING WALL ii)ROAD NOT TAKEN
7	May 2021	UNIT TWO: DRAMA TEXT: TENNESSEE WILLIAMS'S PLAY: A STREETCAR NAMED DESIRE (1947)
8	June 2021	DRAMA TEXT: TENNESSEE WILLIAMS'S PLAY: A STREETCAR NAMED DESIRE (1947) UNIT THREE: FICTION TEXT: ERNEST MILLER HEMINGWAY'S FITION: THE OLD MAN AND THE SEA (1952)
9	July 2021	FICTION TEXT: ERNEST MILLER HEMINGWAY'S FITION: THE OLD MAN AND THE SEA (1952)

Shri Amolak Jain VidyaPrasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Name of Faculty: - Dr. Kalyankar A.S. **Department - English**

Class: -F.Y.B.A. **Paper: -The Structure of English-I**

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	SEMESTER ONE UNIT ONE: PHONETICS 1) Phonetic Symbols. 2) The Articulation of Speech Sounds.
2	Nov 2020	3) Classification of Speech Sounds: Description of Consonants and Vowels.
3	Dec, 2020	4) The Syllable 5) Pure Vowels and Diphthongs; the Consonants of English
4	Jan 2021	UNIT TWO: GRAMMAR 1) Simple Sentence Pattern: subject and predicate; form and function; the basic patterns; sentence types.
5	Feb 2021	2) Phrases: noun phrase, verb phrase, adjective phrase, adverb phrase, prepositional phrase.
6	April 2021	SEMESTER TWO UNIT THREE: PHONETICS 1) Word Accent in English 2) Accent and Rhythm in Connected Speech
7	May 2021	3) Intonation 4) Phonetic Transcription
8	June 2021	UNIT FOUR : GRAMMAR 1) Complex Sentences-I
9	July 2021	2) Complex Sentences-II 3) Word Formation

(Mr. Kalyankar A.S.)

		Object + Adverb Particle d) Subject + Verb + Indirect Object + Direct Object e) Subject + Verb +Direct Object +Preposition + Indirect Object f) Subject + Verb + Object + Complements g) Subject + to be + Complement UNIT FOUR: BUILDING VOCABULORY 1) Word-Formation: Use of Prefixes and Suffixes 2) Prepositional Verbs 3) Synonyms and Antonyms

Shri Amolak Jain VidyaPrasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Name of Faculty: - Dr. Kalyankar A.S. **Department - English**

Class: -S.Y.B.A. **Paper:-LEARNING LANGUAGE SKILLS-II**

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	**SEM III**UNIT ONE: PROSE 1) The Importance of English-Mulk Raj Anand 2) How to Make a Speech-Edgar I. Baker 3) The Night Train at Deoli-Ruskin Bond
2	Nov 2020	4) The Conjuror's Revenge-Stephen Leacock 5) The Luncheon-W.Somerset MaughamUNIT TWO: POETRY 1) First Love-John Clare 2) All the World's a Stage-William Shakespeare 3) Next, Please-Philip Larkin
3	Dec, 2020	4) Father Returning Home-DilipChitre 5) Dover Beach-Matthew Arnold UNIT THREE: GRAMMAR1) The Sentence and its Classes. 2) The Sentence Kinds: Simple Sentence, Compound Sentence, Complex Sentence and Compound- Complex Sentence. 3) Simple Sentences: Subject and Predicate.
4	Jan 2021	4) Clauses and its Kinds. 5) Complex Sentences: Principal Clause and Subordinate Clause.
5	Feb 2021	6) Compound Sentences and Compound-Complex Sentences. UNIT FOUR: WRITING SKILLS 1) Use of Punctuations and Capital Letters
6	April 2021	**SEM IV**UNIT ONE: PROSE 1) How to Avoid an Argument-Sam Horn 2) The Avenger-Anton Chekhov 3) On Not Answering the Telephone-W.Plomer4) The Sporting Spirit- George Orwell
7	May 2021	5) The Old Man at the Bridge-Ernest Hemingway UNIT TWO: POETRY 1) Gather Ye Rosebuds-Robert Herrick 2) Mirror-Sylvia Plath3) Sonnet 43-Elizabeth Barrett Browning 4) Nobody Loves Me-Albert J. Nimeth
8	June 2021	5) Night of the Scorpion-Nissim Ezekiel UNIT THREE: GRAMMAR 1) Sentence Synthesis: Combining two or more Simple Sentences into one Simple Sentence, Combining two or more Simple Sentences into one Compound Sentence, Combining two or more Simple Sentences into one Complex Sentence. 2) Sentence Transformation/Conversion-I: Changing Exclamatory Sentence into Assertive Sentence and vice versa, Changing an Interrogative Sentence into an Assertive Sentence and vice versa, Changing an Imperative Sentence into an Interrogative Sentence and vice versa, Interchange of the Degrees of Comparison, Changing Active into Passive voice and vice versa, Changing Negative Sentences into Affirmative Sentences and vice versa.
9	July 2021	3) Sentence Transformation/Conversion-II: Conversion of Simple Sentences to Compound Sentences, Conversion of Compound Sentences to Simple Sentences, Conversion of Simple Sentences to Complex Sentences, Conversion of Complex Sentences to Simple Sentence. 4) Sentence Patterns/Structures: a) Subject + Intransitive Verb b) Subject+ Transitive Verb + Direct Object c) Subject +Verb +

(Mr. Kalyankar A.S.)

Shri Amolak Jain VidyaPrasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Name of Faculty: -Dr. Kalyankar A.S. **Department - English**

Class: -F.Y.B.Sc. **Paper:-LEARNING LANGUAGE SKILLS-I**

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	**SEM-I** *Prose* 1) Happy Prince 2) Good Manners 3) The Eyes Are Not Here 4) Forgetting5) Home Coming- Rabindranath Tagore
2	Nov 2020	*Poetry* 1) One Day I Wrote Her Name upon the Strand- Edmund Spenser 2) Ode on Solitude- Alexander Pope 3) If- Rudyard Kipling 4) My Love Is Like Red Red Rose- Robert Burns 5) Stopping by Woods on a Snowy Evening- Robert Frost
3	Dec, 2020	Parts of Speech 1) Nouns 2) Adjectives3) Pronouns 4) Verbs
4	Jan 2021	5) Adverbs 6) Prepositions
5	Feb 2021	7) Conjunctions 8) Interjections
6	April 2021	**SEM-II***Prose* 1) The Bet- Anton Chekov 2) The Three Questions- Leo Tolstoy
7	May 2021	3) With the Photographer- Stephen Leacock 4) National Prejudices- Oliver Goldsmith 5) Playing the English Gentleman- Mahatma Gandhi
8	June 2021	*Poetry* 1) Where the Mind is Without Fear- Rabindranath Tagore 2) The Solitary Reaper- William Wordsworth 3) Ozymandias of Egypt- P.B.Shelly 4) Laugh and be Merry- John Masefield 5) The Toys- Coventry Patmore
9	July 2021	1) Tenses; the Simple Present, the Present Continuous, and the Simple Past 2) The Present Perfect and the Simple Past 3) The Past Continuous and the Past Perfect 4) The Present Perfect Continuous and the Past Perfect Continuous 5) Future Tense 6) The Uses of the Tenses

(Mr. Kalyankar A.S.)



Shri Amolak Jain VidyaPrasarak Mandal's

S.K.Gandhi Arts, Amolak Science, P.H.Gandhi Commerce College, Kada.

DEPARTMENT OF ENGLISH

Academic Year 2020-21

Monthwise Teaching Plan

Name of the Teacher : - Dr. KalyankarA.S.

Shri Amolak Jain VidyaPrasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Name of Faculty: -Karale N.G. **Department - English**

Class: -F.Y.B.A. **Paper: -English-II (READING LITERATURE)**

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	**SEM-I** Poetical types: the lyric
2	Nov 2020	The sonnet The novel: the novel and the other forms, its structure, purpose and meaning. SHAKESPEARE'S SONNETS 1) Sonnet no. 29: 'When in Disgrace…'
3	Dec, 2020	2) Sonnet no. 60: 'Like as the Waves…' 3) Sonnet no. 73: 'That Time of Year…' 4) Sonnet no.116: 'Let me Not…' 5) Sonnet no. 130: 'My Mistress's Eyes…'
4	Jan 2021	NOVEL THE GUIDE BY R. K. NARAYAN.
5	Feb 2021	NOVEL THE GUIDE BY R. K. NARAYAN.
6	April 2021	**SEM-II** Poetical types: Odes Dramatic types: tragedy and comedy
7	May 2021	JOHN KEATS' ODES 1) Ode to Nightingale 2) Ode to Autumn 3) Ode on a Grecian Urn
8	June 2021	DRAMA - ARMS AND THE MAN BY G.B. SHAW.
9	July 2021	ARMS AND THE MAN BY G.B. SHAW.

karale N.G.

		2. *Taking Interviews*
7	May 2021	UNIT TWO: PROSE FOR BUSINESS INSPIRATION 1) *India's Tech King*-From www.wipro.com 2) *A Speech by N.R. Narayana Murthy*---------- 3*) Saving Money*-M.Leafe 4) *The Beauty Industry*-Aldous Huxley 5) *Face Book is making us Miserable*-Daniel Gulati
8	June 2021	UNIT THREE: GRAMMAR: WRITING SKILL 1. SENTENCE PATTERNS/STRUCTURES a) *Subject + Intransitive Verb* b) *Subject+ Transitive Verb + Direct Object* c) *Subject +Verb + Object + Adverb Particle* d) *Subject + Verb + Indirect Object + Direct Object* e) *Subject + Verb +Direct Object +Preposition + Indirect Object* f) *Subject + Verb + Object + Complements* g) *Subject + to be + Complement*
9	July 2021	2) WORD FORMATION a) Use of Prefixes b) Use of Suffixes

Karale N.G.

Shri Amolak Jain VidyaPrasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Name of Faculty: -Karale N.G. **Department - English**

Class: -S.Y.B.Com. Paper:-English for Entrepreneurs

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	**SEM- III** UNIT ONE: BUSINESS COMMUNICATION (A) TRASACTIONAL WRITING: *1. Standard Business Letters* *2. Handling Letters of Complaint* (B)DISCUSSIONS/MEETINGS/TEAM SKILS *1. Preparing Agenda for Meetings* *2. Writing Minutes for Meetings*
2	Nov 2020	(C)JOBS AND CAREERS *1. Applying for Jobs* *2. Writing Cover Letters for Resumes* UNIT TWO: PROSE FOR BUSINESS INSPIRATION 1) *On the Education of a Man of Business*-Arthur Helps 2) *In the Office*-A.S.Hornby
3	Dec, 2020	3) *When Ideas Make Money*-ShamilaGaneshan 4) *Appro JRD*-Sudha Murthy 5) *The Man Who E-Mailed the World*-Po Bronson
4	Jan 2021	UNIT THREE: GRAMMAR: WRITING SKILL 1) THE SENTENCES: i) *Simple Sentences.* ii) *Clauses and its Kinds.* iii) *Complex Sentences.* iv) *Compound Sentences.*
5	Feb 2021	2) USE OF PUNCTUATIONS AND CAPITAL LETTERS
6	April 2021	**SEM-IV** UNIT ONE: BUSINESS COMMUNICATION (A)TRASACTIONAL WRITING: 1. *Drafting E-Mail for Business Correspondence* 2. *Writing Short Reports* (B) DISCUSSIONS/MEETINGS/TEAM SKILS 1. *Making Notes of Business Conversations* 2. *Business Promotions and Language for Advertising* (C) JOBS AND CAREERS 1. *Preparing for Interviews*

Karale N. G.

Shri Amolak Jain VidyaPrasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Name of Faculty: -Karale N.G. **Department - English**

Class: -F.Y.B.Com. Paper:-Written and Spoken Communication in English

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	**SEM- I** 1) Articles 2) Prepositions
2	Nov 2020	3) Active and Passive Voice
3	Dec, 2020	4) Phonetic Transcription
4	Jan 2021	5)) Dialogue Writing
5	Feb 2021	6) Sounds of English
6	April 2021	**SEM-II** 7) Tenses
7	May 2021	8) Phrases,Clauses and Sentences 9) Reported Speech ,
8	June 2021	10) Essay Writing 11) Letter of Correspondence
9	July 2021	12) Paragraph Writing Revision

Karale N. G.

Shri Amolak Jain VidyaPrasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Name of Faculty: -Karale N.G. **Department - English**

Class: -F.Y.B.A. **Paper:-LEARNING LANGUAGE SKILLS-I**

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	**SEM-I** *Prose* 1) Happy Prince2) Good Manners 3) The Eyes Are Not Here 4) Forgetting5) Home Coming- Rabindranath Tagore
2	Nov 2020	*Poetry* 1) One Day I Wrote Her Name upon the Strand- Edmund Spenser 2) Ode on Solitude- Alexander Pope 3) If- Rudyard Kipling 4) My Love Is Like Red Red Rose- Robert Burns 5) Stopping by Woods on a Snowy Evening- Robert Frost
3	Dec, 2020	Parts of Speech 1) Nouns 2) Adjectives3) Pronouns 4) Verbs
4	Jan 2021	5) Adverbs 6) Prepositions
5	Feb 2021	7) Conjunctions 8) Interjections
6	April 2021	**SEM-II***Prose* 1) The Bet- Anton Chekov 2) The Three Questions- Leo Tolstoy
7	May 2021	3) With the Photographer- Stephen Leacock 4) National Prejudices- Oliver Goldsmith 5) Playing the English Gentleman- Mahatma Gandhi
8	June 2021	*Poetry* 1) Where the Mind is Without Fear- Rabindranath Tagore 2) The Solitary Reaper- William Wordsworth 3) Ozymandias of Egypt- P.B.Shelly 4) Laugh and be Merry- John Masefield 5) The Toys- Coventry Patmore
9	July 2021	1) Tenses; the Simple Present, the Present Continuous, and the Simple Past 2) The Present Perfect and the Simple Past 3) The Past Continuous and the Past Perfect 4) The Present Perfect Continuous and the Past Perfect Continuous 5) Future Tense 6) The Uses of the Tenses

Karale N. G.



Shri Amolak Jain VidyaPrasarak Mandal's

S.K.Gandhi Arts, Amolak Science, P.H.Gandhi Commerce College, Kada.

DEPARTMENT OF ENGLISH

Academic Year 2020-21

Monthwise Teaching Plan

Name of the Teacher : - Mr. KaraleN.G.

5	Feb.2021	घटक क्र. ५ प्रमाणभाषा व बोलीभाषा प्रमाणभाषेचे कार्य बोलीभाषेचे कार्य व महत्त्व.
6	April 2021	व्याकरण व निबंध घटक क्र. १ शब्दांच्या जाती शब्दसंग्रह घटक क्र. २ संधीविचार व प्रकार
7	May 2021	घटक क्र. ३ व्याकरण समासाचे प्रकार १) अव्ययीभाव समास २) तत्पुरुष समास ३) द्वंद्व समास ४) बहुव्रीही समास
8	June 2021	घटक क्र. ४ व्याकरण अलंकार - व्याख्या अलंकारचे प्रकार १) शब्दालंकार २) अर्थालंकार
9	July 2021	घटक क्र. ५ निबंधलेखन १) वातावरण निबंधलेखन २) वैचारिक निबंध.

डॉ. अनिल गर्जे
मराठी विभागप्रमुख

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College,
Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Dr. Garje A.L. Department - Marathi

Class - T.Y.B.A. Paper - भाषाविज्ञान, व्याकरण व निबंधलेखन (X, XIII)

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	घटक क्र. १ भाषेचे स्वरूप १.१ भाषेचे स्वरूप १.२ भाषेच्या विविध व्याख्या १.३ भाषेची लक्षणे १.४ भाषेचे मानवी जीवनातील महत्व.
2	Nov. 2020	घटक क्र. २ स्वन व स्वनिम विचार स्वनांचे स्वरूप, स्वननिर्मिती प्रक्रिया, स्वनविचार, स्वनांची लक्षणे, स्वनांचे वर्गीकरण.
3	Dec. 2020	घटक क्र. ३ स्वनविचार स्वनिम संकल्पना स्वनिम निश्चितीची तत्वे स्वनांचे प्रकार
4	Jan. 2021	घटक क्र ४ रुपीम आणि पदविचार रुपीमांचे प्रकार पदविचार रुपीमांचे कार्य

5	Feb.2021	नभोवाणी व दूरचित्रवाणीवरील जाहिरातीचे लेखनसंहिता.
6	April 2021	साहित्य प्रकारांतराची संकल्पना व स्वरूप साहित्यप्रकारांतर म्हणजे काय? साहित्यप्रकारांतर : नवा रचनाबंधाची निर्मिती वाङ्मय प्रकारांतराची लेखकाला असणारी आवश्यकता.
7	May 2021	माध्यम संकल्पना : प्रकार व वैशिष्ट्ये महत्त्वाची माध्यमे मुद्रित, श्राव्य व दृकश्राव्य माध्यमे माध्यमे व साहित्य अनुबंध माध्यमांसाठी साहित्याची आवश्यकता माध्यम : आधुनिक काळाची गरज
8	June 2021	माध्यमासाठी लेखन मुद्रित माध्यमासाठी लेखन श्राव्य माध्यमासाठी लेखन दृकश्राव्य माध्यमासाठी लेखनकौशल्ये दृकश्राव्य माध्यम लेखनाची वैशिष्ट्ये.
9	July 2021	साहित्याचे माध्यमांतर (चित्रपटाच्या संदर्भात) मराठी साहित्य व चित्रपट : एक अनुबंध साहित्यकृती : नटरंग - आनंद यादव

3/06/21

डॉ. अनिल गर्जे
मराठी विभागप्रमुख

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College,
Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Dr. Gavje A.L. Department - Marathi

Class - S.Y.B.A. Paper - दृकश्राव्य माध्यमासाठी लेखनकौशल्ये (VII, VIII)

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	घटक क्र. १ नभोवाणी १.१ नभोवाणीचे स्वरूप व कार्य १.२ नभोवाणी संप्रेषण १.३ वातमीपत्रे १.४ रूपक, श्रुतिका, नभोनाट्य १.५ नभोवाणीच्या साहित्याती.
2	Nov. 2020	घटक क्र. २ दूरचित्रवाणी २.१ दूरचित्रवाणी स्वरूप व कार्य २.२ दूरचित्रवाणी लेखन व साहित्याती ३.३ दूरचित्रवाहिनीवरील बातम्या, मुलाखती ३.४ विविध कार्यक्रमाचे प्रकार
3	Dec. 2020	घटक क्र. ३ संकेतस्थळ ३.१ संकेतस्थळ संकल्पना व उपयोजन ३.२ संकेतस्थळांचा परिचय ३.३ संकेतस्थळावरील साहित्यिक घडामोडी ३.४ ई-डिक्सनरी, विश्वकोष
4	Jan. 2021	नभोवाणीवरील बातमीपत्रे नभोनाट्याचे प्रकार

5	Feb.2021	अरुंद कारातून काहेर पडताना - संजीवनी तडेगावकर पुस्तक परिचय, जलनियोजन.
6	April 2021	चिपाड - अंबादास केदार मर्मशिमात फसताना - म. सो. जोशी संगणक क्षेत्रातील संकल्पना संगणकाचा समाजावरील प्रभाव
7	May 2021	पिरगोपेर - विजय जावळे आबा - शिवाजी पाटील (कथा) पाचवीच्या मुलुखवाले - कल्पना दुधाळ संगणकाची वैशिष्ट्ये
8	June 2021	काहूर - अंजली कपवाल - खानोरकर गायरान - एकनाथ खिलारे जागल - शिवाजी सरगीळ कपसुली बाहुली - कारती रेवडकर
9	July 2021	मूक - उमेश मोहिते हिशोब मुकता करा - वि. सो. वसर इंटरनेट : स्वरूप आणि कार्यप्रणाली

8/10/21

डॉ. अनिल गर्जे
मराठी विभागप्रमुख

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College,
Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Dr. Garje A. L. Department - Marathi

Class - S. Y. B. A. Paper - गद्य पद्य व उपयोजित मराठी (III, IV)

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	छत्रपती शिवाजी महाराजांच्या कामचे स्वरूप - प्र. न. देशपांडे परिभाषा: तंत्र व स्वरूप
2	Nov. 2020	लोकसंस्कृती आणि जागतिकीकरण - डॉ. द. ता. भोसले, जीवनपरिचय व साहित्यिक कार्य निष्कर्ष: डॉ. सुहासिनी इलेकर आकाशाएवढा: सदानंद शिनगारे
3	Dec. 2020	मरणानं डाव साधला नाशिवानं हात दिला - सिंधुताई सपकाळ सान्या जराजन्म जागती बाकवी - प्रदीप पाटील आकाशवाणी प्रसार माध्यम: लेखनतंत्र व उपयोजन.
4	Jan. 2021	लोकराजे: मा. श्री. पवारसाहेब - प्रा. लक्ष्मण दोबले वही - सुरेश पाटील (ग्रामीण कथा) मुगाची डाळ साखा - अनिल गव्हाणे बिरसामुंडा - माधवराव गडावी

5	Feb.2021	१) रोवरचे कीर्तन - संत गाडगेबाबा २) पत्रलेखन - कार्यालयीन व कौटुंबिक
6	April 2021	१) देशाचे भवितव्य - डॉ. बाबासाहेब आंबेडकर २) गुलामगिरी - म. जोतिबा फुले (५वा) ३) निर्धास्त - बालकवी ४) नव महाराष्ट्र गीत - सुरेश भट
7	May 2021	१) आई (कविता-) कवी ग्रेस २) बिरसा मुंडा - भुजंग मेश्राम ३) विरामचिन्हे (व्याकरण) विरामचिन्हांचे महत्त्व. ४) बाप - संजय भास्कर
8	June 2021	१) लोकभाषा हीच ज्ञानभाषा - भगवंतराव चव्हाण २) कोवळे मरण - बालचंद्र नेमाडे ३) गिरोबा - वीरधवल परब ४) मलीलुयालुयेचा झिंग - अरुण काळे ५) भाषांतर (व्याकरण)
9	July 2021	१) ठिणगी - रामराव झुंजारे २) भूक - महादेव गायकवाड ३) गुणवत्तेचे निकष - संभाजी सावळकर ४) ग्लोबल मंदीची नक्षी - अजीम राही ५) काय असतं प्रेम - प्रतीक्षा गायकवाड ६) भाषांतर (व्याकरण)

डॉ. अनिल गर्जे
मराठी विभागप्रमुख

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College,
Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Dr. Gavje A.L. **Department -** Marathi

Class - F.Y.B.A. **Paper -** गद्य पद्य व उपयोजित मराठी (SL) paper I, II

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	ससीक्ष रक्षण - रहाईमट लेखक परिचय, पाठचे प्रास्ताविक, रहाईटमट जीवन व कार्य, कथेचा आशय, स्वामी चक्रधरांचे कार्य, दृष्टांत कथेचा आशय व विश्लेषण: लेखनविषयक नियम, पुण्णी आतील रत्न - तुकुंदराज, चुरुचक भूमीवरी उगवली तुकसी (संत नामदेव)
2	Nov. 2020	अर्जदास्त : संत एकनाथ संत वाङ्मयाचा परिचय, संत एकनाथांची लोकशिक्षक भूमिका, अर्जदास्त लेखनाचे स्वरूप व शैली मीमांसा, अर्जदास्तचे वाङ्मयीन विशेष राजाची कर्तव्ये : रामचंद्रपंत अमात्य पत्रलेखन (व्याकरण), आनंदे वोवीया : संत निर्मळा कुळकर्म : रामानंद स्वामी.
3	Dec. 2020	1) जिजाऊ, आमची सून साली : दत्ताजी वाकेनवीस 2) तुही सदाचरणाने वागा - ताराबाई शिंदे 3) पाउसरेवा - संत दासोपंत 4) ऐसे केलेया गोपाळे - संत शेख महंमद 5) विरामचिन्हे (व्याकरण) 6) मन करा रे प्रसन्न - संत तुकाराम
4	Jan. 2021	1) परमेश्वराचे भवितव्य - श्री.म. माटे 2) तुह्या प्रीतीचे - होनाजी बाळा 3) सत्याग्रही बसव - (अनु. वचने) जयदेवी पलिंगाडे 4) भाषांतर (व्याकरण)

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Prof. Harkar D. B. **Department -** Marathi

Class - F Y B com **Paper -** गद्य पद्य व उपयोजित मराठी (SL) I, II

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	सप्तीक रचना - महेंगर राज्याची कर्तव्ये आनंदे वोवीया पुकी आतील रत्न
2	Nov. 2020	अर्जदस्त - एकनाथ जिगाऊ जामुची सुन झाली तुही सदाचरणाने वागा - तायकाई शिंदे पाडसदेवा, पूर्वभागादिशा
3	Dec. 2020	चुरिचक भूमिवरी उगवली तुकसी ऐसे के जेया गोपाके चुकचर्म मुकशी मुख नाही रे परमेश्वरत्रे कविलय मन करा रे प्रसन्न
4	Jan. 2021	गुरुया प्रीतीत्रे, सत्यागृही बसव वचनें, लेखनविषयक नियम, विरामचिन्हे, भाषांतर

5	Feb.2021	नवनाथपट्टू गीत शेवटचे कीर्तन
6	April 2021	निर्झरास - बालकवी कोपंबीण देशाचे भवितव्य कोवळे मरण आई - ग्रेस, गिरेवा
7	May 2021	मल्टी लुयलुयेला झिंग लपालपा लोकभाषा हीच ज्ञानभाषा ग्लोबल मंदीची नक्षी घोषवाक्य, संवादलेखन
8	June 2021	भूक, बाप, गुणवत्तेचे निकष बिरसा मुंडा
9	July 2021	अहवाल लेखन (व्याकरण) माहितीत लेखन (व्याकरण) दिनगी (कथा) काय असतं प्रेम - गायकवाड

Agarwal

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Prof. Markad Dattatraya Babrinath **Department -** Marathi

Class - FY. BA **Paper –** काव्यात्मक साहित्य

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	केशवसुत यांच्या कविता कुसुमाग्रज यांच्या कविता
2	Nov. 2020	नारायण सुर्वे यांच्या कविता
3	Dec. 2020	नामदेव ढसाळ यांच्या निवडक कविता
4	Jan. 2021	नामदेव ढसाळ यांच्या आणखी काही निवडक कवितांचा अभ्यास

5	Feb.2021	सरत्या पावसाळ्यातील एक रात्र
6	April 2021	भोमक्या, अंतकरणचे रत्नदिप यांच्या कथांचा अभ्यास.
7	May 2021	नदीकाठचा प्रकार, आपण माणसास जसा नाही, गांधीजी २००१ या कथांचा कथात्मक अभ्यास.
8	June 2021	फटोव, कुत्तीची, आण्णा या कथांचा चिकित्सक अभ्यास
9	July 2021	तीन पावले दान, कुत्री या कथांचा कथात्मक अभ्यास

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - prof. Harkar S. B. **Department -** Marathi

Class - S. Y. B. A. **Paper –** आधुनिक मराठी वाङ्मयाचा इतिहास

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	इ. स. १८०० ते इ. स. १८७४ या कालखंडाची सामाजिक व सांस्कृतिक पार्श्वभूमी
2	Nov. 2020	निबंध स्वरूप व विशेष वैचारिक निबंध
3	Dec. 2020	कथा वाङ्मयाचे स्वरूप व विशेष कथा वाङ्मयाचा कालखंड कथा वाङ्मयाची वैशिष्ट्ये
4	Jan. 2021	कादंबरी वाङ्मयाचे स्वरूप, विशेष

5	Feb.2021	नाट्य वाङ्मय स्वरूप व विशेष
6	April 2021	काव्य वाङ्मयाचे स्वरूप आणि विशेष काव्याची वैशिष्ट्ये
7	May 2021	चरित्र वाङ्मय चरित्र वाङ्मयाचे स्वरूप चरित्र वाङ्मयाची वैशिष्ट्ये चरित्र वाङ्मयाचे स्वरूप
8	June 2021	आत्मचरित्र वाङ्मयाचे स्वरूप व विशेष
9	July 2021	आत्मचरित्राचे वैशिष्ट्ये आत्मचरित्राचे स्वरूप स्वातंत्र्योत्तर काव्यसंकलीत आत्मचरित्रांचे स्वरूप व विशेष

Thakur

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Harhar D. B. **Department -** Marathi

Class - B com. sy **Paper –** वाणिज्य व्यवहार आणि वाणिज्य व्यापार.

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	भाषा आणि भाषाशिक्षण
2	Nov. 2020	व्यापार व्यवहारात वाचन संस्कृतीचे महत्व पत्रलेखन तेचे स्वरूप व साधना
3	Dec. 2020	भाषातीकीकरणात माणि माझेचे महत्व
4	Jan. 2021	निबंधलेखन

5	Feb.2021	कार्यालयीन लेखनतंत्र
6	April 2021	अनुवादतंत्र स्वरूप, प्रकार आणि उपयोजन
7	May 2021	वाणिज्य व्यवसाय व माध्यम
8	June 2021	वाणिज्य व्यापाराची सहाय्यभूत साधने
9	July 2021	व्यापाराला मदत करणारी साधने

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College,
Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Prof. Harkar D. B. **Department -** Marathi

Class - T. Y. B. A. **Paper –** मध्ययुगीन मराठी वाङ्मयाचा इतिहास

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	मराठी आरंभकाळ व मुकुंदराज आद्य मुकुंदराजांचा परिचय, काव्य परिचय
2	Nov. 2020	महानुभाव पंथ व त्यांचे वाङ्मयीन कार्य महानुभाव पंथाचा परिचय, ग्रंथनिर्मिती, ग्रंथांचे स्वरूप, वाङ्मयीन विशेष
3	Dec. 2020	संत एकनाथ, संत एकनाथांचा परिचय, भारूड रचना, भारूडाची शैली, ग्रंथरचना
4	Jan. 2021	वारकरी संप्रदाय व वारकरी संप्रदायाचे वाङ्मयीन कार्य. ग्रंथनिर्मिती, भारूडरचना, ग्रंथशैली

5	Feb.2021	पंडिती साहित्य, प्रेरणा, स्वरूप व वैशिष्ट्ये.
6	April 2021	पंडिती साहित्य परिचय, पंडितांची काव्यरचना, काव्याचे स्वरूप, वैशिष्ट्ये.
7	May 2021	शाहिरी वाङ्मय प्रेरणा, स्वरूप व वैशिष्ट्ये. पोवाडा : स्वरूप, वैशिष्ट्ये लावणी : व्याख्या, वैशिष्ट्ये.
8	June 2021	बखर वाङ्मय प्रेरणा, स्वरूप व वैशिष्ट्ये. बखरीचे वाङ्मीन विशेष
9	July 2021	पेशवेकालीन बखरीचे स्वरूप, परिचय, वैशिष्ट्ये, शैली, वाङ्मीन विशेष

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Smt-> Bombe. S.D. **Department -** Marathi

Class - F.Y.B.Sc **Paper -** SL (गद्य व पद्य उपयोजित मराठी)

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	सरसीकरण -> म्हाईभट थुकी आतील रत्न -> मुकुंदराज अर्जदस्त -> संत एकनाथ
2	Nov. 2020	रांगाची कार्यालये -> रायचंद अमात्य सत्याग्रही बनवू -> जयदेवी लिंगाडे आनंद वोवीया - संत निर्मळा गिजाऊ आयची सून झाली - दत्ताजी वाळेनवीस
3	Dec. 2020	मन करा रे प्रसन्न - संत तुकाराम पूर्वाश्रमदिशा - संत जनीजनार्दन लेखनाविषयक नियम - पत्रलेखन (कौटुंबिक) (कार्यालयीन) ऐसे कैसेया जीणके -> संत महंत रोहन
4	Jan. 2021	पाऊसदेवा - संत दासोपंत आरसा बांधोनिया मराठीचा - फादर स्टीफन्स आपांतर विश्रामाचिन्हे तुरुंग्या प्रतीचे -> लोनाजी बाळा.

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - smt. Bombe S.D. **Department** - Marathi

Class - F.Y.B.A **Paper** - OP-II नाट्यात्म साहित्य

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	→ फारसेवा पतंग -> शंकर गोविंद दिवाकर नाटक वाङ्मय प्रकार स्वरूप वैशिष्ट्ये नाटक प्रकार - दुःखात्मक, सुःखात्मक, प्रहसन (हास्य) → चिमणी माडीच्याची झाली तोफ - शंकर दिवाकर (निर्याजकरजाव) नाट्यछटा, बालएकांकीपासून ते लघुनाट्य संकल्पना विचार
2	Nov. 2020	उपरे - रा. रं. बोराडे → ग्रामीण साहित्य - सामाजिक वास्तव → दुष्काळाची समस्या.
3	Dec. 2020	मुलगी झाली हो - उषा तांबे-म्हापसेकर स्त्रीवादी साहित्य, स्त्रीवादी चळवळ, स्त्रीवादी दृष्टिकोन → स्त्रीप्रतिमांची चर्चा नाटकाची आखणी
4	Jan. 2021	यातना उत्सव → दलित साहित्य - स्वरूप, प्रेरणा, वैशिष्ट्ये यातना उत्सव - दलित एकांकिका

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Smt. Bombe S.D. **Department** - Marathi

Class - SY B.Sc **Paper** - SL (गद्य व पद्य उपयोजित मराठी)

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	छ. शिवाजी महाराज यांच्या कार्याचे स्वरूप → प्र.न. देशपांडे लोकसंस्कृती व जागतिकीकरण - डॉ. दा.ता. भोसले. मरणान डाव साधला, नारीधन हातडिला - रे. सिंधूताई सपकाळ. निष्कर्ष → सुहासिनी इलैकर
2	Nov. 2020	आकाशापुढचा - सदानंद शिनगारे सारंग हरवलंय लागली वाकळी - प्रदीप पाटील कुणबी माझा - अनिल गवळणे वीरमाता - बाबाराव मडावी.
3	Dec. 2020	परिभाषा - तंत्र व लेखन कौशल्य परिभाषेचे स्वरूप व वैशिष्ट्ये कार्यालयीन, वाङ्मयीन परिभाषा आकाशवाणी प्रसार माध्यम लेखनतंत्र व उपयोजन
4	Jan. 2021	बातमी, संवाद, मुलाखत, पुस्तक परिचय पुस्तक परिचय - तंत्र व स्वरूप (कथा - कादंबरी, कविता, चरित्र आत्मचरित्र)

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Smt. S. D. Bombe **Department -** Marathi

Class - T.Y.B.A **Paper -** IX (भारतीय साहित्यविचार)

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	साहित्याचे स्वरूप व्याख्या → भारतीय विचारवंत – भामह, दंडी, वामन, मम्मट इ० विचारवंत लक्षणे → अलंकार, वक्रोती, रीती, औचित्य, ध्वनी, रस
2	Nov. 2020	→ साहित्याची प्रयोजने भामह, दंडी, भरतमुनी, मम्मट प्रयोजन विचार → साहित्याची निर्मितीप्रक्रिया – प्रतिभा, व्युत्पन्नता,
3	Dec. 2020	रसविचार → भरताचे रससूत्र अभिनवगुप्त, श्रीशंकुक, भट्टलोल्लट यांच्या मतांचा विचार – रससंख्या, रसनिष्पत्ती
4	Jan. 2021	→ शब्दशक्ती, अर्थविचार अभिधा, लक्षणा, व्यंजना → अर्थविचार → साहित्य व समाज संस्कृती.

5	Feb.2021	XIV आधुनिक हिन्दी साहित्य का इतिहास आधुनिक काल अ. गद्य साहित्य
6	April 2021	गद्य साहित्य नाटक : स्वतन्त्र रचनाएँ विविध आत्मकथा
7	May 2021	उद्भव और विकास छंद विचार मात्रिक छंद, वार्णिक छंद
8	June 2021	विधा स्वरूप : विवेचन अ. दृश्यकाव्य : नाटक, रचनाएँ
9	July 2021	अ. श्रव्यकाव्य

Dr. Chowdhury. H.S

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Dr. Chaudhari. K.B. Department - Hindi

Class - T.Y. B.A. Paper - X XIV

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	X आदि तथा मध्यकालीन हिंदी साहित्य का इतिहास * हिंदी साहित्य लेखन स्रोत दार्व (परंपरा)
2	Nov. 2020	* आदिकाल सामाजिक राजनीतिक सांस्कृतिक अमिर खुसरो विद्यापती नामदेव. * आदिकाल वीरगाथा जैन सिद्ध नाथ
3	Dec. 2020	* भक्तिकाल सामाजिक सांस्कृतिक राजनैतिक निर्गुण सगुण, कृष्णभक्ती भक्ति.
4	Jan. 2021	रीतिकाल सामाजिक, राजनैतिक, सांस्कृतिक रीतिसाहित्य *

5	Feb.2021	VII आधुनिक हिंदी कविता 1] चुनि हुई हिन्दी कविता सं. गोविंद प्रसाद
6	April 2021	2) चुनि हुई हिन्दी कविता गोविंद प्रसाद 3) चुनि हुई हिन्दी कविता गोविंद प्रसाद
7	May 2021	4) चुनि हुई हिन्दी कविता. गोविंद प्रसाद 5) भूमिजा रंजन कुमार 6) भूमिजा रंजन कुमार
8	June 2021	7) भूमिजा रंजन कुमार
9	July 2021	8) " भूमिजा रंजन कुमार

Dr. Chowdhary, K.L

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Dr. Chaudhari. K.B Department - Hindi

Class - S.Y.B. Paper - V VII

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	कथेत्तर गद्य. साहित्य 1] गद्य प्रभा. अलोक गुप्त 1] गद्य प्रभा" अलोक गुप्त
2	Nov. 2020	2] गद्य जीवन . इ.स. स्वामी 2) गद्य जीवन . इ.स स्वामी
3	Dec. 2020	देवनागरी लिपी इतिहास और विकास प्रयोजनमुलक हिन्दी
4	Jan. 2021	——— " ———

5	Feb.2021	III.S.L गद्य के विविध आयाम. ① डायरी ② व्यंग्य. रिपोर्ताज
6	April 2021	① निबंध. ② जीवनी प्रयोजनमूलक हिन्दी. अ. जन संचार माध्यम विविध रूप आ. समाचार लेखन इ. रेडियो वार्ता लेखन ई फीचर लेखन
7	May 2021	वैज्ञानिक तकनिकी हिन्दी अ. वैज्ञानिक तकनिकी लेखन वैज्ञानिक तकनिकी लेखन की परिस्थिती शब्दावली 1 2 3 4.
8	June 2021	अशुद्धि शोधन अ. शब्द अशुद्धी आ. वाक्य अशुद्धी मुद्रित शोधन
9	July 2021	अनुवाद अ. वैभिंग अनुवाद आ. मीडिया अनुवाद

Dr Chaudhari K.B

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Dr. Chaudhari. K.B Department - Hindi

Class - S.Y.B.A/B.Sc Paper - III . IV . S.L

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	अ. गद्य के विविध आयाम संपादक : जय मेहरा राम एवं वाणी प्रकाशन नई दिल्ली 1] ~~मेरा~~ आत्मवृत्त : मेरा जीवन आत्मवृत्त : मेरा जीवन.
2	Nov. 2020	2] रेखाचित्र : नीलकंठ मोर 2] रेखाचित्र : नीलकंठ मोर 3] संस्मरण — कमला
3	Dec. 2020	3) संस्मरण — कमला 4] निबंध - शिरीष के फूल 5) " " यात्रावृ - चीड़ पर चाँदनी
4	Jan. 2021	अ. प्रयोजन मूलक हिन्दी अ प्रयोजनमूलक भाषा अ भाषा की परिभाषा विशेषताएँ एवं प्रकार्य ई सेवीकरण के परिप्रेक्ष्य में हिन्दी भाषा प्रकार्य माध्यम - व्यापार 4) निबंध लेखन

5	Feb.2021	Paper III हिन्दी गद्य साहित्य कथा यात्रा प्रकाशन माधवराव सप्रे
6	April 2021	कथा यात्रा माधवराव सप्रे
7	May 2021	कथा अंगोड़ा हरिशंकर परसाई
8	June 2021	कथा अंगोड़ा हरिशंकर परसाई
9	July 2021	कथा अंगोड़ा हरिशंकर परसाई

Dr. Chaudhari. K.B.

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Dr. Chaudhari K.S Department - Hindi

Class - F.Y.B.A Paper - I .III

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	I उपन्यास साहित्य अमिता प्रस्तावना यशपाल
2	Nov. 2020	अमिता यशपाल
3	Dec. 2020	आपका बंटी मन्नु भंडारी
4	Jan. 2021	आपका बंटी मन्नु भंडारी

5	Feb.2021	रस विचार
6	April 2021	~~XX~~ - साहित्यशास्त्र - II sem-VI अलंकार विचार
7	May 2021	छंद विचार
8	June 2021	विशाखरूप विवेचन - अ. दृश्यकाव्य आ. श्रव्यकाव्य
9	July 2021	आलोचना तथा भेद

VB

Dr. Gavhane V.B

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Dr. Garhane V. B. Department - Hindi

Class - T. Y. B. A. Paper - ~~XI~~, ~~XV~~

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	~~XI~~ - साहित्यशास्त्र - I sem - V साहित्य चिंतन का अध्ययन साहित्य का स्वरूप
2	Nov. 2020	साहित्यालोचन क्षमता का परिचय साहित्य के तत्व
3	Dec. 2020	साहित्य सृजन के संस्कार साहित्य- प्रयोजन
4	Jan. 2021	साहित्य- हेतु शब्दशक्ति विचार

5	Feb.2021	परायता का शिल्प विधान
6	April 2021	XIII - मध्यकालीन काव्य sem VI भक्तिकालीन काव्य - सामान्य परिचय रीतिकालीन काव्य - सामान्य परिचय मध्यकालीन काव्य - संपा. प्रो. माधव सोनटक्के, डॉ. भंडारे
7	May 2021	~~भक्तिकालीन~~ कविता: संवेदना भक्तिकालीन
8	June 2021	भक्तिकालीन कविता: शिल्प विधान
9	July 2021	रीतिकालीन कविता: संवेदना रीतिकालीन कविता: शिल्प विधान

Dr. Gavhane V.

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College,
Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Dr. Garhane V.B. Department - Hindi

Class - T.Y.B.A. Paper - IX, XIII

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	IX - प्रादेशिक साहित्य sem-V प्रादेशिक साहित्य का ज्ञान मराठी का कहानी साहित्य : सामान्य परिचय
2	Nov. 2020	प्रतिनिधि कहानियाँ : मराठी - संपा- माधव सोनटक्के संकलित कहानियों की संवेदना
3	Dec. 2020	प्रतिनिधि कहानियाँ : मराठी संकलित कहानियों का शिल्प-विधान
4	Jan. 2021	पराया - लक्ष्मण माने अनुवादक - डॉ दामोदर खडसे मराठी दलित साहित्य : सामान्य परिचय पराया की संवेदना

5	Feb.2021	प्रयोजनमूलक हिंदी स्वरूप एवं विशेषताएँ
6	April 2021	VIII - प्रयोजनमूलक हिंदी - 2 Sem-IV हिंदी भाषा के विविध रूपों का परिचय पारिभाषिक शब्दावली
7	May 2021	राजभाषा हिंदी के विभिन्न पहलुओं का परिचय राजभाषा हिंदी
8	June 2021	प्रयोजनमूलक भाषा की भूमिका तथा परिचय प्रयोजनमूलक हिंदी - लेखन पक्ष
9	July 2021	प्रयोजनमूलक अनुवाद की भूमिका तथा स्वरूप एवं समस्याएँ प्रयोजमूलक अनुवाद

VB

Dr. Gavhane

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College,
Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Dr. Garhane V.B. Department - Hindi

Class - S.Y.B.A. Paper - ~~VI~~, ~~VIII~~ OPt

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	~~VI~~ - प्रयोजनमूलक हिंदी - I sem-III हिंदी भाषा के विविध रूपों का परिचय हिंदी भाषा :- स्वरूप एवं विकास
2	Nov. 2020	हिंदी भाषा का मानकीकरण मानक हिंदी की विकास यात्रा
3	Dec. 2020	देवनागरी लिपि: उद्भव और विकास भाषा और लिपि
4	Jan. 2021	इलेक्ट्रानिक माध्यम और देवनागरी लिपि

5	Feb.2021	नाटक अलख आजादी की - सुशीलकुमार सिंह
6	April 2021	IV - एकांकी साहित्य sem-II एकांकी और एकांकीकार - परिचय एकांकी नए पुराने - संपा - श्रीमती मायासिंह स्वागत - लक्ष्मीनारायण लाल
7	May 2021	महाभारत की एक साँझ - भारतभूषण अग्रवाल कोलड्रिंक्स - गिरिराज किशोर पड़ोसिन का कोट - उपेन्द्रनाथ अश्क कुँवारी धरती - मोहन राकेश।
8	June 2021	प्रतिनिधि महिला एकांकी - माधव सोनटक्के परिचय डॉक्टर साहब भी अजीब है - स्वरूपकुमारी बख्शी एक और दिन - शान्ति मेहरोत्रा जान से प्यारे - ममता कालिया
9	July 2021	उपमा - मृदुला बिहारी कलाकार और नारी - विमला लूथरा कपिलवस्तु की राजवधू - सावित्री रांका कमाई किसकी - डॉ. सुशीला कपूर

Dr. Gavhane V.B.

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Dr. Gavhane V.B. Department - Hindi

Class - F.Y.B.A. Paper - II, IV Opt.

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	II - नाटक साहित्य Sem-I विजय पर्व - डॉ. रामकुमार वर्मा
2	Nov. 2020	विजय पर्व - डॉ. रामकुमार वर्मा
3	Dec. 2020	नाटक होरी - प्रेमचंद (नाट्यरूपांतर - विष्णु प्रभाकर) प्रस्तावना सहित विवेचन
4	Jan. 2021	होरी - प्रेमचंद

5	Feb.2021	हिंदी वर्तनी का मानक रूप पारिभाषिक शब्दावली - स्वरूप और समस्याएँ
6	April 2021	II- सामान्य हिंदी. sem-II कथासंसार - प्रो. माधव सोनटक्के घर की तलाश - राजेंद्र यादव कस्बे का आदमी - कमलेश्वर
7	May 2021	पोस्टमैन - शैलेश मटियानी छुट्टी का दिन - उषा प्रियंवदा गुमशुदा की तलाश - मालती जोशी
8	June 2021	दूज का टीका - सूर्यबाला मैं, शहर और वे - मोहनदास नैमिशराय व्यावहारिक लेखन : संक्षेपण, पल्लवन
9	July 2021	पत्राचार : निजी, सामाजिक, सरकारी कम्प्यूटर में हिंदी का प्रयोग अनुवाद : स्वरूप और भेद

VB

Dr. Gavhane V.B.

Shri Amolak Jain Vidya Prasarak Mandal's

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Month Wise Teaching Plan 2020-2021

Teacher Name - Dr. Gavhane V. B. Department - Hindi

Class - F.Y.B.A. Paper - I, II S.L.

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	I-सामान्य हिंदी sem-I कथा संसार - संपा. प्रो. माधव सोनटक्के स्त्री और पुरुष - प्रेमचंद
2	Nov. 2020	हार की जीत - सुदर्शन दो बांके - भगवतीचरण वर्मा
3	Dec. 2020	गौरी - सुभद्राकुमारी चौहान एटम बम - अमृतलाल नागर पंचलाईट - फणीश्वरनाथ रेणु
4	Jan. 2021	अपरिचित - मोहन राकेश हिंदी भाषा : उद्भव और विकास देवनागरी लिपि : स्वरूप एवं विकास

S.A.J.V.P.M.S.K.S'Gandhi College
DEPT.OF GEOGRAPHY
2020-2021
Kada, Tal.Ashti,Dist.Beed

Shri. Amolak Jain Vidya Prasarak Mandal Kada's

Smt. S.K. Gandhi Art's, Amolak Sci. & P.H. Gandhi Comm. College Kada

Tq. Ashti Dist. Beed

Department of Geography

Name of Teacher: Dr. Udhav Chavan **Designation:** Assistant professor

Paper: V Practical (Annual) **Marks: 80**

F.Y.B.A Academic Teaching Plan 2020-2021

Month	Name of the topic / Practical taught
Oct. 2020	Admission
Nov. 2020	Nature and Scope of cartography, Scale – Meaning methods of Representing Scale: Verbal Scale, Numerical Scale and Linear Scale. Types of Linear Scale: Simple Line Scale. Comparative Scale. Diagonal scale,
Dec. 2020	Time and distance scale, Pace scale. Definition of maps brief history of maps Classification of maps. Enlargement and Reduction of Maps by square method.
Jan. 2021	Methods of Showing relief: Hachure's, Shading, Layer tint and contours.
Feb. 2021	Representation of Landforms by contours. Representation of slopes by contours, Even slope, Un- even slope.
March 2021	Gentle Slope, Steep Slope Concave slope, Convex Slope & Terraced slope
April 2021	Representation of slopes by contours : Even slope, Uneven slope,
May 2021	Representation of landforms by cross section method, conical hill, ridge, plateau, cliff, waterfall, U and V shaped valley, pass, and spur.
Jun. 2021	Conventional Signs and Symbols of SOI Maps.
July 2021	Study of Indian Topographical (SOI) Maps. I) Relief ii) Human Settlement iii) Drainage iv) Transportation. **Exam-II IV VI Semester**
August 2021	**Exam-II IV VI Semester**

HEAD
Dept.of Geography
S.A.J.V.P.M.Kada
S.K.Gandhi Arts,Amolak Science
P.H.Gandhi Commerce College
Kada, Tal.Ashti, Dist.Beed

S.A.J.V.P.M.S.K S'Gandhi College
DEPT.OF GEOGRAPHY
2020-2021
Kada, Tal.Ashti,Dist.Beed

Shri. Amolak Jain Vidya Prasarak Mandal Kada's

Smt. S.K. Gandhi Art's, Amolak Sci. & P.H. Gandhi Comm. College Kada

Tq. Ashti Dist. Beed

Department of Geography

Name of Teacher: Dr. Udhav Chavan **Designation:** Assistant professor

Paper: II Human Geography IV Regional Geography of Maharashtra

Mark: 30+30=60

F.Y.B.A Academic Teaching Plan 2020-2021

Month	Name of the topic / Practical taught
Oct. 2020	Admission
Nov. 2020	Definition, Nature and Scope of Human Geography, Ranches of Human Geography.
Dec. 2020	Man and Environment Relationship, Types of Environment, Concept of Determinism and Possibilism, Stop and Go Deterministic Approach,
Jan. 2021	Physical and social Profile of Racial Groups, Ethnic Groups, Triable Groups In World and India, Eskimo, Busmen, Masai, Gond and Gujjars. Settlement Types, Forms and Pattern.
Feb. 2021	Functional Classification of Settlement. **Exam- I III V Semester**
March 2021	**Exam- I III V Semester**
April 2021	Position and Personality: Location, Size and Shape, Relief and Physical Division of Maharashtra. Climate, Drainage and Soil.
May 2021	Natural Vegetation of Maharashtra, Cropping Pattern, Major Crops: Jowar, Wheat, Rice, Cotton, Sugarcane, Oil Seeds, and Pulses.
Jun. 2021	Production and Distribution of crops. Cotton and Textile Industries, Sugar Industries,
July 2021	Transportation: Road, Air and Rail Transport. **Exam-II IV VI Semester**
August 2021	**Exam-II IV VI Semester**

HEAD
Dept.of Geography
S.A.J.V.P.M.Kada
S.K.Gandhi Arts,Amolak Science
P.H.Gandhi Commerce College
Kada, Tal.Ashti, Dist.Beed

S.A.J.V.P.M.S.K.S'Gandhi College
DEPT.OF GEOGRAPHY
2020-2021
Tal.Ashti,Dist.Beed

Shri. Amolak Jain Vidya Prasarak Mandal Kada's

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Tq. Ashti Dist. Beed

Department of Geography

Name of Teacher: Dr. Udhav Chavan **Designation:** Assistant professor

Paper: VI Climatology, VIII Oceanography Mark: 30+30=60

S.Y.B.A Academic Teaching Plan 2020-2021

Month	Name of the topic / Practical taught
Oct. 2020	**Admission**
Nov. 2020	Weather and climate: definition, Nature and scope of Climatology. Significance of climatology, Elements of weather and climate, composition and structure of the atmosphere. Insolation and Temperature: Definition of Insolation and temperature.
Dec. 2020	Heat budget of the earth, Factors affecting the distribution of solar energy, distribution of temperature, vertical, horizontal, and seasonal. Rang of temperature, Atmospheric pressure and wind: Evaporation and condensation, Hydrological cycle, types of precipitation,
Jan. 2021	World pattern of rainfall: regional and seasonal distribution. Air masses and fronts: concept, classification and properties. Atmospheric disturbances, tropical and temperate cyclones, thunder storms and tornadoes.
Feb. 2021	Role of climate in human life, Atmospheric pollution, and global warming, general causes, consequences, and measures of control. **Exam- III semester**
March 2021	**Exam- III semester**
April 2021	Introduction of Oceanography: Definition, Nature and scope, Surface Configuration of Ocean floors, General Idea of submarine relief, continental self, continental slope,
May 2021	Abyssal plains, oceanic trenches, and deeps, hypsographic curve, Relief of Atlantic ocean, Pacific ocean and Indian Ocean. Salinity of ocean water, its meaning, causes of salinity,
Jun. 2021	Factors affecting on Salinity of Ocean Water, Distribution of Salinity in the World, Factors affecting the Temperature of Ocean water, Distribution of Temperature in Ocean Water. Ocean deposits, Shallow Sea deposits, Deep Sea deposits, Types of Corals.
July 2021	Ocean as a store house of resources for the future. **Exam IV semester**
August 2021	**Exam IV**

HEAD
Dept.of Geography
S.A.J.V.P.M.Kada
S.K.Gandhi Arts,Amolak Science
P.H.Gandhi Commerce College
Kada, Tal.Ashti, Dist.Beed

S.A.J.V.P.M.S.K.S'Gandhi College
DEPT.OF GEOGRAPHY
2020-2021
Kada, Tal.Ashti,Dist.Beed

Shri. Amolak Jain Vidya Prasarak Mandal Kada's

Smt. S.K. Gandhi Art's, Amolak Sci. & P.H. Gandhi Comm. College Kada

Tq. Ashti Dist. Beed

Department of Geography

Name of Teacher: Dr. Udhav Chavan **Designation:** Assistant professor

Paper: XII Geography of Environment Marks: 30+30=60

XV Geography of Natural Calamities

T.Y.B.A Academic Teaching Plan 2020-2021

Month	Name of the topic / Practical taught
Oct. 2020	**Admission**
Nov. 2020	Definition of Environment science, Nature and Scope of Environment, Types of Environment. Ecology, Abiotic or Physical factors, Temperature, Soil, Water, Atmosphere, Biotic or Nonphysical factors.
Dec. 2020	Organism, Population and Biotic Community. Ecosystem, Cardinal Principal of Ecosystem. Structure of Ecosystem, (Producer, Consumer, Decomposer) Nutrient Cycling (Carbon Cycle, Oxygen Cycle, Nitrogen Cycle).
Jan. 2021	Function of Ecosystem, Energy flow, food chain, food web, Ecological Pyramid, Types of Ecosystem, (Natural Ecosystem, and Cultural Ecosystem). Problems of Ecosystems. Environmental Global Warming,
Feb. 2021	Food Security, Deforestation, Plastic Bags, Acid Rainfall. **Exam V Semester Begins....**
March 2021	**Exam V Semester**
April 2021	Definition Nature and scope of natural calamities Earthquake, and Volcano, causes and effects of Earthquake and Volcano, World distribution of earthquake and volcano.
May 2021	Drought and Floods, Metrological drought, Hydrological drought, agricultural Drought, causes and effects of drought, drought prone area.
Jun. 2021	Flood causes and effects. Biological Hazards, Global Warming, Green house effects. Ozone Deflation.
July 2021	Pollution Types: Air, Water and Soil. **Exam VI Semester Begins.**
August 2021	**Exam VI Semester Begins.**

HEAD
Dept.of Geography
S.A.J.V.P.M.Kada
S.K.Gandhi Arts,Amolak Science
P.H.Gandhi Commerce College
Kada, Tal.Ashti, Dist.Beed

S.A.J.V.P.M.S.K.S'Gandhi College
DEPT.OF GEOGRAPHY
2020-2021
Kada, Tal.Ashti.Dist.Beed

Shri. Amolak Jain Vidya Prasarak Mandal Kada's

Smt. S.K. Gandhi Art's, Amolak Sci. & P.H. Gandhi Comm. College Kada

Tq. Ashti Dist. Beed

Department of Geography

Name of Teacher: Dr. Udhav Chavan **Designation:** Assistant professor

Practical Geography Paper- XVIII (Main, Annual) Marks: 40

T.Y.B.A Academic Teaching Plan 2020-2021

Month	Name of the topic / Practical taught
Oct. 2020	Admission
Nov. 2020	**Unit 1- A) Introduction of Instrumental Survey.** (उपकरणीय रेखांकन सर्वेक्षण ओळख) 1) Chain and Tape Survey. (साखळी व टेप रेखांकन सर्वेक्षण)
Dec. 2020	2) Plane Table Survey. (समतलपाट रेखांकन सर्वेक्षण) 3) Prismatic Compass Survey (लोलकीय होकायंत्र रेखांकन सर्वेक्षण)
Jan. 2021	B) Field Survey using Plane table (समतलपाट साहाय्याने क्षेत्र रेखांकन सर्वेक्षण) i) Open Traverse Method (विवृत रेखांकन पद्धती)
Feb. 2021	B) Field Survey using prismatic compass (लोलकीय होकायंत्र साहाय्याने क्षेत्र रेखांकन सर्वेक्षण) ii) Close Traverse Method (संवृत रेखांकन पद्धती)
March 2021	Unit -2 A) Systems of Expressing Bearing. (दिगंश/ दिक् कोन व्यक्त करण्याच्या पद्धती) 1. Whole Circle Bearing. (पुर्णवर्तुळ दिगंश पद्धती) 2. Reduced Bearing. (वृत्तपाद/योजित दिगंश पद्धती)
April 2021	3. FB, BB of WCB. (अग्र, पश्च दिगंशाचे पुर्णवर्तुळ दिगंशात रूपांतर) 4. FB, BB of RB. (अग्र, पश्च दिगंशाचे वृत्तपाद/योजित दिगंशात रूपांतर)
May 2021	3. Conversion of Bearing. a) WCB into RB. (पुर्णवर्तुळ दिगंशाचे वृत्तपाद/योजित दिगंशात रूपांतर)
Jun. 2021	4. Conversion of Bearing. b) RB into WCB. (वृत्तपाद/योजित दिगंशाचे पुर्णवर्तुळ दिगंशात रूपांतर)
July 2021	B) Correction of Bearing. (दिगंश दुरूस्ती) 1. Closing Error with Bowditch Method. (बाऊडविच नियम' ताळेबंधातील चुक दूरूस्ती) 2. Determination of the Height with the Help of Abny Level. (ऍबनी समतलित्राच्या सहाय्याने उंची निर्धारीत करने) **Exam-II IV VI Semester**
August 2021	**Exam-II IV VI Semester**

HEAD
Dept.of Geography
S.A.J.V.P.M.Kada
S.K.Gandhi Arts,Amolak Science
P.H.Gandhi Commerce College
Kada, Tal.Ashti, Dist.Beed

S.A.J.V.P.M.S.K.S'Gandhi College
DEPT.OF GEOGRAPHY
2020-2021
Kada, Tal.Ashti,Dist.Beed

Shri. Amolak Jain Vidya Prasarak Mandal Kada's

Smt. S.K. Gandhi Art's, Amolak Sci. & P.H. Gandhi Comm. College Kada

Tq. Ashti Dist. Beed

Department of Geography

Name of Teacher: Dr. Udhav Chavan **Designation:** Assistant professor

Project Report Paper- XIX (Main, Annual) Marks: 100

T.Y.B.A Academic Teaching Plan 2020-2021

Month	Name of the topic / Practical taught
Oct. 2020	Admission
Nov. 2020	Writing research proposal (Topic and Area)
Dec. 2020	Literature review-Reading and writing
Jan. 2021	Planning methods and write methods chapter
Feb. 2021	Fieldwork, Data collection, Data analysis.
March 2021	Write results chapters. Write analysis chapter and refine methods chapter.
April 2021	Write discussion chapter. Write introduction and conclusion.
May 2021	Write discussion chapter. Write introduction and conclusion. Major editing Final proof reading.
Jun. 2021	Submit final Synopsys.
July 2021	Final draft Binding.
August 2021	Submission and Result.

HEAD
Dept.of Geography
S.A.J.V.P.M.Kada
S.K.Gandhi Arts,Amolak Science
P.H.Gandhi Commerce College
Kada, Tal.Ashti, Dist.Beed

Class F.Y.B.A. Paper (I) Elements of Physical Geography

o.	Month	Topics / Practicals to be Completed
01	October	1. Introduction of Physical Geography i) Meaning ii) Nature and Scope iii) Element iv) Branches of Physical Geography
02	November	2. Lithospheres i) Interior of the Earth ii) Wegner's continental Drift Theory
03	December	ii) Wegner's continental Drift Theory iii) Isostacy iv) Plate Tectonic Theories 3. Earth Movements i) Vertical and Horizontal ii) Process of Folding causes & effect.
04	January	ii) Process of Folding causes & effect. iii) Process of Faulting causes & effect. iv) Volcanoes v) Earthquakes
05	February	4. Rocks i) Classification of rocks on the basis of Origin. ii) Properties of Different Rocks

Class S.Y.B.A. Paper (VII) Population Geography

Sr. No.	Month	Topics / Practicals to be Completed
01	October	1. Population Geography i) Definition ii) Nature, scope & significance iii) Sources of Population data.
02	November	2. Distribution of Population i) Factors affecting on population distribution and density ii) Population distribution pattern World and India
03	December	iii) Densely population region of the World. iv) Mortality population region of the World. v) Fertality population region of the World. 3. Composition of Population i) Age & Sex composition ii) Rural- Urban composition
04	January	iii) Economic composition iv) Determinates v) World regional patterns composition of population in India 4. Migration i) Meaning
05	February	ii) Classification & their determinate & consequences of migration iii) Migration in India

S.Y.B.A. Paper (X) Practical Geography

o.	Month	Topics / Practicals to be Completed
01	October	1. Mechanism & Uses of Weather Instruments i) Thermometer ii) Maximum & Minimum Thermometer iii) Dry & Wet Bulb Thermometer iv) Aneroid Barometer v) Fortin's Barometer
02	November	vi) Wind Vane vii) Cup Anemometer viii) Rain Guage ix) Hygrometer
03	December	2) A) Conventional Signs & Symbols Used in IDWR B) Interpretation of IDWR of i) Winter season ii) Summer season iii) Rainy season
04	January	3. A) Cartographic Techniques i) Definition ii) Nature & Scope iii) Importance of Cartography B) Representation of climatic statistical data by using following cartographic Techniques i) Climograph ii) Hythergraph iii) Star Diagram
05	February	iv) Wind Rose v) Ergograph vi) Isobars vii) Isotherms viii) Isohyets

Class S.Y.B.A. Paper (X) Practical Geography

Sr. No.	Month	Topics / Practicals to be Completed
06	April	4. Representation of statistical Data by using Following Methods i) Line and Bar graph ii) Polygraph iii) Divided Circle iv) Rectangle Divided v) Dot Method vi) Choropleth Map vii) Proportional circle (Located)
07	May	viii) Proportional Square (Located) ix) Proportional cube (Located) x) Proportional sphere (Located) 5. A) i) Latitude ii) Longitude iii) Direction iv) Area v) Great Circle B) Map Projection i) Definition
08	June	ii) classification of Map Projection c) construction, properties, uses & choice of the Following Map Projection i) zenithal Polar Gnomonic Projection ii) Zenithal Equal Area Projection iii) Simple conical Projection
09	July	iv) Conical Projection with two standard parallel v) Simple Cylindrical Projection vi) Cylindrical Equal Area Projection

Class ...T.Y.B.A... Paper (XV) Physical Geography of India

No.	Month	Topics / Practicals to be Completed
01	October	1. i) India in the context of south east and south Asia. ii) India : a land of diversities iii) Unity within diversities iv) Shape v) Size
02	November	vi) Physical landscape of India
03	December	2. i) Drainage systems of India their Functional significance ii) Climate : Regional & seasonal variations of climate iii) Monsoons
04	January	3. Soil types of India their distribution & characteristics
05	February	4. Natural vegetation : Forest types & their distribution in India

Class ...T.Y.B.A... Paper (XVI) Practical

Sr. No.	Month	Topics / Practicals to be Completed
01	October	1. Measures of Central Tendency i) Mean
02	November	ii) Median iii) Mode
03	December	iii) Mode 2. Measures of Deviation i) Mean Deviation
04	January	ii) Quartile Deviation iii) Standard Deviation
05	February	iii) Standard Deviation
06	April	3. Correlation i) Spearman's Method
07	May	ii) Karl Pearson's Method
08	June	4 i) Regression equation by least square Method ii) Regression Line 'x' on 'y'.
		iii) Regression Line 'y' on 'x'.
09	July	iv) Chi-Square Test. 5. Report Writing

Class ..T.Y.B.A... Paper (XIII) Industrial Geography of Maharashtra

Sr. No.	Month	Topics / Practicals to be Completed
01	October	1) i) Nature, scope and recent developments of Industry in Maharashtra
02	November	ii) Elements and Factors of Localization of Industries.
03	December	2. Distribution & Spatial pattern of Industries in Maharashtra i) Cotton & Textile Industries. ii) Petro chemical Industries. iii) Sugar cane Industries. iv) Automobile Industries.
04.	January	3. i) Industrial belt in Maharashtra & their characteristics. ii) Impact of Industries on economic development of Maharashtra. 4. i) Role of globalization
05	February	ii) Industrial Sector iii) Shifting of industries & its impact on the Urban Fringe iv) Changing industrial policy in Maharashtra.

Class ..F.Y.B.A... Paper (III) Geography of Land Forms

Sr. No.	Month	Topics / Practicals to be Completed
01	April	1) Concept of Land Forms ii) Evolution & types of Land For iii) Concept of Cycle of Erosion
02	May	2. Weathering a) Types & classification of Weathering i) Mechanical Weathering ii) Chemical Weathering iii) Biological Weathering b) Soil Formation
03	June	3. a) Geomorphic Agents & Process i) Erosion ii) Transportation iii) Deposition b) Land Form produced by i) River ii) Winds iii) Sea Waves
04	July	iv) Glacier v) Underground Water 4. Geomorphology i) Geomorphology & settlement ii) Geomorphology & Landuse iii) Geomorphology & Resources.

Class S.Y.B.A. Paper (XI) Settlement Geography

Sr. No.	Month	Topics / Practicals to be Completed
01	April	1. Settlement Geography i) Nature ii) Scope & content iii) Definition of Rural & Urban settlements iv) Merits & limitations
02	May	2. Settlement Site & Structure i) Internal Morphology ii) External forms iii) Field patterns iv) Functions & House types.
03	June	3. Spatial organization i) Size ii) Spacing & Hierarchy of settlements. iii) Emergence & characteristics of Urban settlements.
04	July	4. Silent Features of Human Settlements in India

Class T.Y.B.A. Paper (XIV) Agricultural Geography of

Sr. No.	Month	Topics / Practicals to be Completed
01	April	1. i) Nature ii) Scope. iii) Significance & development Agricultural Geography iv) Origin & Dispersal of Agricultural in India
02	May	2. i) Agriculture in India ii) Agricultural landuse iii) cropping Pattern iv) Regional pattern of produ in India. v) Agricultural policy in Ind
03	June	3. Distribution & Production of major crops in India i) Rice ii) Wheat iii) Jowar iv) Cotton v) Sugarcane vi) Tea
04	July	4- Green Revolution in India

MONTH WISE TEACHING PLAN

Class T.Y.B.A. **Paper (** XVII **)** Bio-geography

Sr. No.	Month	Topics / Practicals to be Completed
01	April	1-i) Nature ii) Scope iii) Significance of Biogeography 2. i) Environment, ii) Habitat & Plant animal association
02	May	iii) Biome types iv) Darwin's theory of Evolution 3. i) Elements of Plant Geography ii) Distribution of Forest
03	June	iii) Successions in newly Formed landforms. Examples from Flood plains & Glacial fore fields. 4. i) Zoo - geography and its Environmental Relationship.
04	July	ii) Ecosystem Forms & Function. iii) National Forest Policy of India.

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Dr. Sayyad Jamir S **Department -** physical Educat

Class - B.A. II **Paper -** Health Education and Recreation ; in phy Ed officiating Coaching & training method in phy Edu

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	unit I: History and modern trends in physical education & sports, physical education & sports in India & Ancient period. unit I — concept and objectives of physical Education. Importance of Health Education.
2	Nov. 2020	~~unit III~~ - ~~Con~~ principles of Health Education. unit-II - Contemporary Health problems. (a) Abuse of Alcohol & its effects on Individual, family and community. (b) Eating Habits & its effect on Health. (c) Effect of Drugs & Tobacco on sports person.
3	Dec. 2020	unit III - Family And Health Education. (a) meaning functions and importance of family as a social institution. (b) Role of parents in child Health care. (c) Health care during Disasters.
4	Jan. 2021	unit-IV - Recreation in physical Education and sports. (a) meaning, Need and Scope of Recreation. (b) principles of Recreation. (c) Types of Recreation.

5	Feb.2021	Unit - V - Planing a programme of Recreation. (a) Urban Recreative programme. (b) Rural Recreation programme (c) Industrial Recreative programme Unit - VI - Agencies - (a) facilities of Recreation. (b) organization of Recreation. (c) Leadership in Recreation
6	April 2021	paper IV - officiating, coaching & Training methodology Gen. unit I - officiating of Games and Sports. (a) meaning and Definition of officiating, (b) Importance of officiating in physical Ed & sports. (c) qualities of Good officials. (d) Duties & responsibilities of official. (e) Rules and marking system of Indian & foreign Games.
7	May 2021	unit II - Coaching of Games And Sports. (a) meaning & Definition of coaching. (b) ~~Intecture~~ Importance of coaching in games & sports. (c) Qualities of ~~God~~ Good Coach. (d) Duties and responsibilities of Coachey.
8	June 2021	unit III - origine and development of Games & sports. (a) Fundamental & Advanced skills of Indian Games. (i) Kabaddi ii) kho-kho iii) wrestling iv) Bellbadminton. (b) fundamental & Advanced skills of Foreign Games. (i) Vulley Ball ii) soft Ball iii) Badminton iv) rasletenic unit: IV - Trainning methods in Games & sports. (a) Need of sport in Trainny. (b) principles of sport Training.
9	July 2021	(c) factor's affecting the sports Traing. (d) procedure and planning of specific Traing. unit - V - Types of Trainning method in Games & sports. a) weight Traing. b) circuit Training c) fartlek Training d) Interval Training.

(Dr. Sayyed Jamir.)

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - **Department -** Ancient & modern

Class - B.A. III **Paper -** ~~103~~ 301 History of physical education & sports.

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	Physical education in Aryam in India
2	Nov. 2020	i) Indias veliey civilaasim period ii) war weapams and fortification iii) swimming iv) Games & panting, Animal figluing, boxing
3	Dec. 2020	vedic period A) Early vedic period i) physicals characteristies of the prygams ii) suryan and matlear iii) Yoga sen. meaning iv) pranayam A) cater vedic period i) Ramayana ii) physical training iii) military training of human iv) physical culture in Lanka v) physical culture in Kiskindha vi) swimming and water sport.
4	Jan. 2021	cater vedic period i) Ramayana ii) physical training iii) military training of human iv) physical culture in Lanka v) weapon of fighting vi) wrestling

5	Feb.2021	The mahabhamata i) phy ed. in maharashtra ii) phy traaing and military traing iii) Epic gamal :- pnportance of traing Games Gym, main-animal combats
6	April 2021	The puranas 1) Disens contest 2) Rope contest 3) Boxing 4) wresting 5) Brahmachraya
7	May 2021	Type of tournaments i) Knows out tournaments ii) Leagae tounaments iii) combination type tournaments iv) Challenge tournament
8	June 2021	Systeatisation of training progreamme i) General basic traing ii) Advance level iii) High performance level iv- olympics.
9	July 2021	National and International Training methods i) circuit training ii) Interal traing iii) fortlake traing iv) weight training

Sayyad

(Dr. Sayyad Jamir. S.)

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Month Wise Teaching Plan 2020-2021

Teacher Name - Dr. Prashant A Mehar Department - Phy Edu.

Class - F.Y.B.A. Paper - 101 Philosophical Sociological foundation & History of Phy Edu.

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	Unit I Philosophical foundations (a) meaning, definition of Philosophy its Application in the field of Phy Edu (b) Traditional & Modern Philosophies their Implications the Programme of Education
2	Nov. 2020	a) Philosophies of Edu. applied to Phy Edu. Idealism (ii) Naturalism (iii) Realism (iv) pragmatism Unit (b) Sociological foundations (a) Sociological Basis of Phy Edu (b) Social Environment for development of Individual Personality (c) Social Organization Elements (d) Social Nature & Social Organization Unit: II Integration of Phy Edu with other disciplines
3	Dec. 2020	a) Integrating of Phy Edu. with History b) Integrating of Phy Edu with Psychology c) Integration of Phy Edu with Sociology Unit (iv) Nature of Phy Edu System (a) Ancient Individual medieval Indian
4	Jan. 2021	b) Phy Edu in Ancient Civilization with reference to (i) India (ii) Greece (iii) Rome (iv) Egypt. Development of Phy Edu with special reference (i) U.S.R (ii) U.S.A (iii) Germany

5	Feb.2021	Unit-V Phy Edu. In India During 20th century (ac) meaning, definition Aims & objective of physical Edu b) Phy Edu Training Institutions
6	April 2021	(c) Physical Edu other Institutions (i) central Advisory Board of Phy Edu. (ii) All India council of Sports (AICS) Netaji Subhash National Institute of Sports (NSNIS) (iv) Laxmibai National Institute of (LNIPE)
7	May 2021	(e) Sport Autonomy of India History & development of Ancient OLYMPIC.
8	June 2021	Games of modern olympic Games (a) Physiology of olympism & its impact on Sport movements in India (b) Common Terms in Physical Edu. (c) Role & function of Associations (d) Courses & coaching centers
9	July 2021	Policies of Central & State Govt. Govt for phy Edu. / Sports (f) Movement of Akhada Vyayamshalas in M.H.

Dr. Prashant. A. Meher
Assistant

5	Feb.2021	ऐतिहासिक सामाजिक इतिहासकार ऐतिहासिक प्रबोधनकार मिश्र भाषा इतिहास
6	April 2021	Paper ~~XVI~~ प्रकल्प तालुका, जिल्हास्तरावरील महिला चळवळी
7	May 2021	कामगार चळवळी संयुक्त महाराष्ट्र चळवळ
8	June 2021	हैद्राबाद मुक्ती संग्राम तसेच ऐतिहासिक मंदिरे
9	July 2021	शिलालेख, प्राचीन नाणी पुरातत्वीय संदर्भ ऐतिहासिक व्यक्तीमत्व

डॉ. जोशी आर.एस.

Shri Amolak Jain Vidya Prasarak Mandal's

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Month Wise Teaching Plan 2020-2021

Teacher Name - प्रा. डॉ. जोशी आर. एल. Department - इतिहास

Class - B.A. T.Y Paper - XII प्रकल्प

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	स्वातंत्र्य विषयावर प्रकल्प सादर. महाराष्ट्रातील विविध किल्ले
2	Nov. 2020	ऐतिहासिक लेणी, गुहा. वाडे
3	Dec. 2020	महाराष्ट्रातील संत ऐतिहासिक संग्रहालय
4	Jan. 2021	धार्मिक परंपरा, सांस्कृतिक इतिहास ऐतिहासिक सामाजिक गाव, तालुका. व जिल्ह्यातील माहिती

5	Feb.2021	सांप्रदायवादाचा उदय भारतीय फाळणी आणि भारताचे स्वातंत्र्य
6	April 2021	Paper - XIV - आधुनिक जागतिक इतिहासातील निवडक घटक ① युरोपातील प्रबोधन आणि धर्मसुधारणेची चळवळ ② अमेरिकन स्वातंत्र्य युद्ध - कारणे व वास्तव परिणाम ③ फ्रेंच राज्यक्रांती - कारणे, वाटचाल व परिणाम
7	May 2021	औद्योगिक क्रांती: पार्श्वभूमी प्रगती आणि महत्व
8	June 2021	④ जागतिक पहिले महायुद्ध महायुद्धाची कारणे महायुद्धाचे परिणाम
9	July 2021	⑤ जागतिक दुसरे महायुद्ध कारणे परिणाम

प्रा. जोशी आर.एस

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College,
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Month Wise Teaching Plan 2020-2021

Teacher Name - प्रा. डॉ. आर एल. जोशी Department - इतिहास

Class - B.A. T.Y. Paper - X भारतीय राष्ट्रीय चळवळीचा इतिहास (1857-1947)

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020 1)	पार्श्वभूमी - भारतातील ब्रिटीश राजवटीचे स्वरूप दोन्हे आणी प्रशासन
2	Nov. 2020 2	भारतातील राष्ट्रवादाचा उदय कारणे आणि विकास
3	Dec. 2020 3	भारतीय राष्ट्रीय कॉंग्रेस आणी राष्ट्रीय चळवळीत मवाळवादी आणि जहालवादी यांचे नेतृत्व
4	Jan. 2021 4	क्रांतीकारी चळवळ - उदय, विकास आणि स्वरूप महात्मा गांधीजी नेतृत्वाखाली राष्ट्रवादी चळवळ

5	Feb.2021	संस्कृती साहित्य कला आणि वास्तु कला
6	April 2021	Paper - VIII - मोगलकालीन भारताचा इतिहास ① साधने - वाङ्मयीन आणि पुरातत्वीय साधने ② मोगलकालीन राजकीय इतिहासाचा आढावा ① बाबर ② हुमायुन ③ शेरशाह सुर ④ अकबर ⑤ जहांगीर ⑥ शाहजहान ⑦ औरंगजेब उत्तरकालीन मोगल
7	May 2021 3	① मोगल कालीन प्रशासन मुलकी प्रशासन लष्करी प्रशासन न्यायालयीन प्रशासन ② राज्यकर्ता वर्ग - ① सरदार, जमीनदार ③ मनसब व जहागिरदार
8	June 2021 4	आर्थिक घडामोडी: कृषी, महसुल उद्योगधंदे, व्यापार. चलन व्यवस्था आणि शहरीकरण
9	July 2021 5	धर्म - सामाजिक, धार्मिक जीवन, इस्लाचा प्रभाव सुफीजम, शिखपंथ, हिंदू धर्म, वैष्णव पंथ. समाज - ब्राह्मण, शहरी, गुलामगिरी शिक्षण, इस्लामचा दर्जा
	6	कलाव स्थापत्य - चित्रकला भाषा व साहित्य - संस्कृत व पार्शियन

उ. जोशी आर.एस

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Month Wise Teaching Plan 2020-2021

Teacher Name - प्रा डॉ. आर. एल. जोशी Department - इतिहास

Class - B.A.S.Y. Paper - VI दिल्ली सल्तनत (1200-1526 ए.डी)

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 1 2020	इतिहासाची साधने दिल्लीची सुलतानशाही
2	Nov. 2 2020	राजकीय इतिहास (एक सैद्धांतिक आढावा) ① तुर्कांचे आरंभीचे आक्रमण आणि दिल्लीत सुलतानशाहीची स्थापना II खिलजी, तुघलक आणि लोदी घराण्यांची कारकीर्द III विजयनगरचे साम्राज्य आणि बहामनी
3	Dec. 2020 3	सुलतानशाहीचे राजकीय आणि प्रशासकीय धोरण
	4	सुलतानशाहीमधील आर्थिक व सामाजिक जीवन
4	Jan. 2021 5	धर्म - राज्यातील धार्मिक धोरण - सुफी चळवळ भक्ती-चळवळ, वैष्णवपंथ विशेष संस्कृती

5	Feb.2021	1) महाराष्ट्रातील राष्ट्रीय संघटना ① द बॉम्बे असोसिएशन ② पुणा सार्वजनिक सभा ③ भारतीय राष्ट्रीय कॉंग्रेस व महाराष्ट्रातील नेते
6	April 2021	2) Paper-IV - विसाव्या शतकातील महाराष्ट्र 1) स्वातंत्र्य चळवळ, सुरतेची लूट आणि तिचे परिणाम राष्ट्रीय चळवळ भारतातील राष्ट्रीय चळवळी व लोकमान्य टिळकांचे योगदान
7	May 2021	2 राष्ट्रीय चळवळ, असहकार चळवळ, सविनय कायदेभंग, भारत छोडो आंदोलन 3) सामाजिक चळवळ - ब्राम्हणेतर चळवळ - ① राजर्षि शाहू ② दिनकरराव जवळीकर ④ दलित चळवळ - वि.रा. शिंदे, डॉ. बाबासाहेब आंबेडकर शैक्षणिक चळवळ - कर्मवीर भाऊराव पाटील पंजाबराव देशमुख
8	June 2021	⑧ हैद्राबाद मुक्ती संग्राम आणि मराठवाडा
9	July 2021	महाराष्ट्र राज्याची निर्मिती ① स्वतंत्र मुंबई राज्य ② संयुक्त महाराष्ट्र चळवळ

Jagdale

डॉ. जोशी आर. एस

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College,
Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - प्रा. डॉ. आर. एल. जोशी Department - इतिहास

Class - बी.ए. प्रथमवर्ष Paper - II आधुनिक महाराष्ट्राचा इतिहास (1818-1905)

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	१९ व्या शतकातील प्रारंभकाळातील महाराष्ट्राची सामाजिक, धार्मिक आर्थिक स्थिती
2	Nov. 2020	ब्रिटिश सत्तेचे प्रारंभीचे स्वरूप, प्रशासन शिक्षण, मुद्रण व वृत्तपत्रे आणि ख्रिश्चन धर्मप्रसारकाचे कार्य
3	Dec. 2020	प्रारंभीचे समाज आणि धर्मसुधारक ① बाळशास्त्री जांभेकर ② गोपाळ हरी देशमुख ③ महात्मा ज्योतिबा फुले ④ न्यायमूर्ती रानडे ⑤ गोपाळ गणेश आगरकर ⑥ पंडिता रमाबाई
4	Jan. 2021	राष्ट्रवादाचा उदय व राष्ट्रीय चळवळ ① रामोशी ② भिल्ल ③ कोळी ④ समाजाचा उठाव ⑤ 1857 चा उठाव व महाराष्ट्र ⑥ वासुदेव बळवंत फडके यांचे बंड

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College,
Kada, Tal Ashti, Dist. Beed

Sem-I

Month Wise Teaching Plan 2020-2021

Teacher Name - Dr. Vidhate N.N. Department - History

Class - BA I Paper - I Shivaji and his Times. 1630 to 1707

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	प्रकरण I - मराठा सत्तेचा उदय :- महाराष्ट्राची भौ. परिस्थिती. सामाजिक व आर्थिक स्थिती संतांचे कार्य. प्रकरण - II शिवाजीच्या प्रारंभिक मोहिमा - स्वराज्याचा संकल्प तोरणा किल्ला, अफजलखान प्रकरण, मराठा सिद्धी संघर्ष पन्हाळा वेढा.
2	Nov. 2020	प्रकरण III - शिवाजी मुघल संबंध - शाहिस्तेखानाची स्वारी, जयसिंगाची शिवाजी विरुद्ध ब्लू स्वारी, पुरंदरचा तह. शिवाजीची आग्रा भेट व सुटका. प्रकरण IV - शिवाजीचा राज्याभिषेक आणि कर्नाटक मोहिम. कर्नाटक मोहिम उगम व स्वरूप, कर्नाटक विजयाचे परिणाम.
3	Dec. 2020	प्रकरण - V - छत्रपती संभाजी - औरंगजेब मोहिम. कर्नाटक संघर्ष, संभाजी वध, प्रकरण - VI - मराठ्यांचे स्वातंत्र्य युद्ध - महत्व. संभाजी औरंगजेब संघर्ष,
4	Jan. 2021	प्रकरण VII - शिवकालीन प्रशासन. - न्यायव्यवस्था समाज व्यवस्था, लष्करी प्रशासन किल्ल्यांचे महत्व -

BAI, Paper-III - History of the Marathas. (AD-1707 to AD-1818) Sem-II

5	Feb.2021	प्रकरण - I छत्रपतींकडून पेशव्यांकडे सत्तेचे हस्तांतरण कारणे, छत्रपती शाहू, बाळाजी विश्वनाथ.
6	April 2021	प्रकरण II - पेशवा बाजीराव पहिला व मराठा सत्तेचा विस्तार, प्रकरण III - पानिपतचे तिसरे युद्ध - पार्श्वभूमी कारणे, परिणाम, पानिपत युद्धातील अपयशाची कारणे,
7	May 2021	प्रकरण-IV मराठा सत्तेचे पुनरुज्जीवन - पेशवा माधवराव महत्व. प्रकरण V - फ्रेंच - मराठा संबंध - इंग्रजांचा साम्राज्य विस्तार, दुसरे इंग्रज मराठा युद्ध, इंग्रज भोसले होळकर व शिंदे संबंध,
8	June 2021	प्रकरण VI - मराठा सत्तेचा अस्त - मराठा सत्तेच्या -हासाची कारणे, मुल्यमापन.
9	July 2021	प्रकरण VII पेशवेकालिन प्रशासन - प्रांत विभाग आणि ग्रामव्यवस्था, पेशवेकालीन न्यायव्यवस्था व सैन्य व्यवस्था,

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College,
Kada, Tal Ashti, Dist. Beed

Sem - III

Month Wise Teaching Plan 2020-2021

Teacher Name - Dr. Vidhate N.N Department - History

Class - SYBA Paper (V) History of Early India - BC - 300

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	प्रकरण I - प्राचीन भारताच्या इतिहासाची साधने; लिखित व अलिखित साधने, पुरातत्वीय व नाणकशास्त्रीय साधने. प्रकरण - II (अ) हडप्पा संस्कृती - नगररचना, उगम-विकास आणि -हास.
2	Nov. 2020	प्रकरण II - (अ) अश्मयुगीन संस्कृती - लोह युग संस्कृती. प्रकरण III - वैदिक संस्कृती - वैदिकपूर्वकाल, चारवेद पुरुषार्थ - सामाजिक, आर्थिक, राजकीय व धार्मिक जीवन, स्त्री जीवन आणि दर्जा.
3	Dec. 2020	प्रकरण IV - धार्मिक चळवळी - जैन व बौद्ध धर्माचा उदय - विकास - प्रसार - हास चार्वाकदर्शन, प्रकरण V - मौर्य आणि मौर्योत्तर काळ - सम्राट अशोक - चंद्रगुप्त मौर्य सामाजिक आर्थिक स्थिती - (अ) जनपद व महाजनपद.
4	Jan. 2021	प्रकरण VI अर्थव्यवस्था :- शेती व्यवसाय, उद्योगधंदे, व्यापार, मौर्यकालिन आर्थिक स्थिती.

BA II, paper (VII) - History of India - (BC-300 to AD 650) Sem-IV

5	Feb.2021	प्रकरण - I वाङ्मयीन आणि पुरातत्वीय साधने.
6	April 2021	प्रकरण II राजकीय बदलांचा सविस्तर आढावा - शुंग, कण्व, अलेक्झांडरचे आक्रमण, शक, कुशाण, सातवाहन पार्श्वभूमीसह - संगम कालखंड, गुप्त कालखंड, वाकाटक राजवंश, हर्षवर्धन घराणे.
7	May 2021	प्रकरण - III सामाजिक-आर्थिक जीवन - समाजस्तर, सामाजिक परंपरा, शिक्षण, स्त्रियांचा दर्जा, आर्थिक स्थिती व व्यवसाय प्रकरण -IV - धार्मिक जीवन - हीनयान, बौद्ध धर्म, शैव पंथ, व वैष्णव पंथ.
8	June 2021	प्रकरण - V कला व स्थापत्याचा विकास - मंदिर स्थापत्य, विविध प्रादेशिक स्थापत्याचा विकास,
9	July 2021	प्रकरण - VI भाषा व साहित्य - संस्कृत, संगम

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College,
Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021 Sem - V

Teacher Name - Dr. Vidhate N.H Department - History

Class - BA III Paper - Historiography. (IX)

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	प्रकरण- I - व्याख्या-स्वरूप, व्याप्ती, इतिहास एकशास्त्र. इतिहास एक कला. प्रकरण II : इतिहास व ज्ञानाच्या इतर शाखा: इतिहास व पुरातत्व, मानववंशशास्त्र, भूगोल, समाजशास्त्र राज्यशास्त्र, अर्थशास्त्र इ. संबंध
2	Nov. 2020	प्रकरण III, इतिहासची साधने, साधनांचे वर्गीकरण. मूल्यमापन, विश्वासर्हता. प्रकरण IV - इतिहासाचे आधुनिक तत्वचिंतक - रँके, हेगेल, कार्लमार्क्स, टॉयन्बी.
3	Dec. 2020	प्रकरण V - भारतीय इतिहासातील विविध प्रवाह- वसाहतवादी, राष्ट्रवादी, मार्क्सवादी, सबाल्टर्न, प्रकरण- VI - इतिहासाचे सदुपयोग
4	Jan. 2021	प्रकरण - VII - इतिहास संशोधनाच्या विविध पध्दती;

Sem-V

BA III , Paper-XI , History of India - AD-1757 to 1885

5	Feb.2021	प्रकरण-(I), 18 व्या शतकातील भारतातील राजकीय व आर्थिक स्थिती, भारतात पश्चिम आगमने, डच, पोर्तुगीज, फ्रांस, ब्रिटिश,
6	April 2021	प्रकरण (II) भारतात ब्रिटिश सत्तेच्या चौफेर विस्तार: बंगाल, पंजाब, अवध, म्हैसूर, महाराष्ट्र. प्रकरण (III). ब्रिटिशांची भारतातील प्रशासन व्यवस्था: ग्रामीण न्यायव्यवस्था, शिक्षण, पत्रकारिता, आणि ब्रिटिश मिशनरीचे कार्य
7	May 2021	प्रकरण-(IV). ब्रिटिशकालीन भारतातील कृषी जीवन. ग्रामीण अर्थव्यवस्था, कायमधारा पध्दती, रयतवारी. महालवारी पध्दत, हस्तउद्योग ऱ्हास,
8	June 2021	प्रकरण-(V) सामाजिक आणि धार्मिक सुधारणा चळवळ- ब्राम्होसमाज, आर्यसमाज, सत्यशोधक समाज, प्रार्थना समाज, प्रकरण-(VI) : ब्रिटिशांचा भारतातील वसाहतवाद - स्वरूप व्याप्ती आणि प्रसाराचे टप्पे. * . 1857 च्या उठाव - कारणे, परिणाम, अपयशाची कारणे
9	July 2021	प्रकरण - VII . भारतीय राष्ट्रीय काँग्रेसची स्थापना पार्श्वभूमी वाटचाल, नेते, अधिवेशन व मत प्रवाह.

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College,
Kada, Tal Ashti, Dist. Beed

Sem - VI

Month Wise Teaching Plan 2020-2021

Teacher Name - Dr. Vidhate N.N Department - History

Class - BA III Paper - XIII . Fields of History Archiology. Mus:Tourism.

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	ઘટક ૧) - I . પુરાતત્વ વિદ્યા - પુરાતત્વ વિદ્યાનો વિકાસ - વ્યાપ્તિ, અભ્યાસનો કાલખંડ - ઉદ્દિષ્ટ, ઇતર શાસ્ત્રોથી સંબંધ, ભારતીય પુરાતત્વ શાસ્ત્રનો વિકાસ
2	Nov. 2020	ઘટક ૧) - II . પુરાતત્વ વિદ્યાની પદ્ધતિ ૧) - પુરાતત્વીય સ્થળોનું શોધ પુરાવશેષોનો સંકલન વ વર્ગીકરણ, ઘટક ૧) III વસ્તુસંગ્રહાલય, - વ્યાપ્તિ, સ્વરૂપ, ભારતીય વસ્તુ સંગ્રહાલયો, રજવાડી વ પ્રાદેશિક વસ્તુ સંગ્રહાલયો. સંચાલન ટ્રસ્ટ વ કાર્યો, વસ્તુ સૂચિ, વર્ગીકરણ સ્વરૂપ આદિ પ્રકાર
3	Dec. 2020	ઘટક ૧) - IV - પર્યટન - પર્યટનનો ઉદ્દિષ્ટો, વૈશિષ્ટ્યો. વ્યાપ્તિ. પર્યટન વિકાસનાં તત્વ - મહત્વ, મહત્વ, ઐતિહાસિક પાર્શ્વભૂમિ.
4	Jan. 2021	ઘટક ૧) V - પર્યટનનો સ્વરૂપ આદિ પ્રકાર. સ્વદેશી પર્યટન, પ્રાદેશિક પર્યટન.. રાષ્ટ્રીય વ આંતરરાષ્ટ્રીય પર્યટન, મહત્વ પર્યટન.

BA III - Paper - XV · Glimpses of the History of Marathwada.

Sem-VI

5	Feb.2021	प्रकरण - I मराठवाड्याचा राजकीय इतिहास- मराठवाड्याच्या इतिहासाची साधने, भौगोलिक परिस्थिती, प्राचीन इतिहासाचा आढावा · सांस्कृतिक वैभव.
6	April 2021	प्रकरण - II . मराठवाड्यातील धार्मिक चळवळी- वैदिक चळवळ, बौद्ध धर्म, जैन धर्म, महानुभव पंथ, वीर शैव, भक्ती चळवळ आणि संतांचे कार्य.
7	May 2021	प्रकरण III - मराठवाड्यातील कला आणि स्थापत्य- लेण्या, मंदिरे व शिल्पे, मशिदी आणि दर्गे. गुरुद्वारा आणि शिल्पे.
8	June 2021	प्रकरण IV - Nature of the rule of Nizam of Hyderabad and early struggles against Nizam.
9	July 2021	प्रकरण - V हैद्राबाद मुक्ती संग्राम - 1937 ते 1948. स्टेट काँग्रेस, आर्य समाज चळवळ, वंदेमातरम् रझाकार संघटना, स्वामी रामानंद तिर्थ, अन्नो योगदान, कारवाई, संग्रामातील विविध घटना क्रम

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Dr. Magar S.R. **Department -** Public Administration

Class - B.A.F.Y. **Paper -** लोकप्रशासनाची तत्वे आणि संकल्पना. – I (Sem-I)

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	लोकप्रशासन – अर्थ, स्वरूप आणि व्याप्ती, महत्व. लोकप्रशासन आणि खाजगी प्रशासनातील साम्य.
2	Nov. 2020	लोकप्रशासन आणि खाजगी प्रशासनातील भेद. संघटना - अर्थ, आधार प्रकार
3	Dec. 2020	पंक्ती आणि सल्लागार घटक. मुख्य कार्यकारी. संघटनेची तत्वे – अधिकारपदपंक्ती
4	Jan. 2021	संघटनेची तत्वे – नियंत्रण क्षेत्र, आदेशाची एकता. समन्वय, निर्णय प्रक्रिया. लोकप्रशासनाच्या संकल्पना – प्रशासकिय नियोजन.

5	Feb.2021	પ્રશાસકીય નેતૃત્વ, પ્રશાસકીય પર્યવેક્ષણ. સંદેશાવહન, જનસંપર્ક. Sem-II - મહારાષ્ટ્ર પ્રશાસન - III
6	April 2021	મહારાષ્ટ્ર પ્રશાસન - મહારાષ્ટ્ર રાજ્યની નિર્મિતી. મહારાષ્ટ્ર પ્રશાસનની પ્રમુખ વૈશિષ્ટ્યે. રાજ્ય કાર્યકારિણી - રાજ્યપાલ. મુખ્યમંત્રી.
7	May 2021	મંત્રીપરિષદ, મુખ્ય સચિવ, રાજ્ય સચિવાલય, રાજ્ય સંચાલક રાજ્ય વિધિમંડલ - વિધાનસભા - રચના, અધિકાર આણિ કાર્ય. વિધાનપરિષદ - રચના. અધિકાર આણિ કાર્ય.
8	June 2021	વિધિમંડલીય સમિત્યા - લોકલેખા સમિતી, અંદાજ સમિતી. રાજ્યાચી ન્યાયવ્યવસ્થા - ઉચ્ચ ન્યાયાલય, જનહિત યાચિકા, જિલ્હા આણિ સત્ર ન્યાયાલય. મહાધિવક્તા.
9	July 2021	ઘટનાત્મક આણિ વૈધાનિક સંસ્થા - મહારાષ્ટ્ર લોકસેવા આયોગ, મહારાષ્ટ્ર નિવડણૂક આયોગ. મહારાષ્ટ્ર વિત્ત આયોગ, લોકાયુક્ત. રાજ્ય નિયોજન આયોગ. વૈધાનિક વિકાસ મંડલ.

Dr. Magar S.R.

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Dr. Mogar S.R. Department - Public Administration

Class - B.A F.Y. Paper - भारतातील लोकप्रशासन – II (Sem- I)

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	भारतीय प्रशासनाची उत्क्रांती- प्राचीन, मध्ययुगीन आणि आधुनिक भारतीय प्रशासनाची प्रमुख वैशिष्ट्ये. घटनात्मक संरचना – प्रस्तावना, मूलभूत हक्क, राज्याची नितीनिर्देशक तत्वे.
2	Nov. 2020	मुलभूत कर्तव्य. केंद्र शासन – राष्ट्रपती - अधिकार आणि कार्ये. प्रधानमंत्री - अधिकार आणि कार्ये मंत्रीपरिषद - रचना आणि कार्ये.
3	Dec. 2020	केंद्रीय कार्यकेंडळ. लोकसभा - रचना आणि कार्ये राज्यसभा - रचना आणि कार्ये. केंद्रीय न्यायव्यवस्था, सर्वोच्च न्यायालय. – रचना आणि कार्यकक्षा.
4	Jan. 2021	न्यायिक प्रक्रिया भारताचा महान्यायवादी. वैधानिक व अवैधानिक संस्था. केंद्रीय लोकसेवा आयोग, निवडणूक आयोग, महालेखापाल. राष्ट्रीय अनुसूचित जाती, अनुसूचित जमाती व अल्पसंख्याक आयोग.

5	Feb.2021	રાષ્ટ્રીય મહિલા આયોગ, રાષ્ટ્રીય માનવાધિકાર આયોગ. નિયોજન આયોગ રાષ્ટ્રીય વિકાસ પરિષદ. 2005 ચા કાયદા, માહિતી અધિકાર કાયદા-2005- અર્થ, उद्दिष्ट, प्रक्रिया आणि मर्यादा.
6	April 2021	Sem-II જિલ્લા પ્રશાસન. -IV. જિલ્લા પ્રશાસન - उत्क्रांती, અર્થ આણિ મહત્વ. જિલ્લાધિકારી - જિલ્લાધિકાऱ्यांचे અધિકાર व कार्ये
7	May 2021	જિલ્લાધિકાऱ्याची बदलती भूमिका. કાયદા આણિ આદેશ. કાયદા व આદેશાચા અર્થ, तत्व આણિ यंत्रणा.
8	June 2021	જિલ્લા પ્રશાસનાતીલ મહત્વાચી પદે. उपविभागीय અધિકારી, तहसीलदार, तलाठी. પોલિસ પાટીલ, જિલ્લા માહિતી આણિ પ્રસારણ અધિકારી.
9	July 2021	જિલ્લા પોલિસ પ્રશાસન. પોલિસ પ્રશાસનાચે મહત્વ, જિલ્લા પોલિસ અધિક્ષકાંચે અધિકાર, કાર્ये આણિ ભૂમિકા, गुन्हे अन्वेषण विभाग, स्थानिक गुन्हे विभाग. પોલિસ પ્રશાસનાતીલ સમસ્યા આણિ આવ્હાને.

Dr. Magar S.R.

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College,
Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Dr. Magar S.R. Department - Public Administratio

Class - B.A.S.Y. Paper - कर्मचारी प्रशासन - V (Sem-III)

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	कर्मचारी प्रशासन - अर्थ आणि कार्ये. भरतातील लोकसेवा. अखिल भारतीय सेवा - घटनात्मक तरतूद, भूमिका आणि कार्ये.
2	Nov. 2020	केंद्रीय आणि राज्य सेवा - स्वरूप आणि कार्ये. प्रशिक्षण, प्रशिक्षण संस्था आणि वाढती. प्रशिक्षणाचा अर्थ आणि महत्व. प्रशिक्षण संस्था - लाल बहादूर शास्त्री राष्ट्रीय प्रशासकीय अकादमी. मसुरी, सरदार वल्लभभाई पटेल राष्ट्रीय पोलिस अकादमी, हैदराबाद. यशदा (पुणे)
3	Dec. 2020	महाराष्ट्र पोलिस प्रशिक्षण अकादमी. नाशिक. वाढती - अर्थ, आणि तत्वे. भारतातील नकार निवारण यंत्रणा. केंद्रीय दक्षता आयोग. लोकपाल.
4	Jan. 2021	कर्मचारी प्रशासनाच्या समस्या. नैतिकता. शिस्त भ्रष्टाचार सार्वजनिक सेवेतील तत्परता.

5	Feb.2021	પ્રશાસકીય ન્યાયાધિકરણો કેંદ્રીય પ્રશાસકીય ન્યાયાધિકરણ. મહારાષ્ટ્ર પ્રશાસકીય ન્યાયાધિકરણ. સેવાનિવૃત્તી– અર્થ, સેવાનિવૃત્તીચે ફાયદે.
6	April 2021	Sem- IV - वित्तीय प्रशासन – VII वित्तीय प्रशासन – अर्थ आणि महत्व. वित्त मंत्रालय - रचना आणि कार्ये.
7	May 2021	अंदाजपत्रक - अर्थ. चांगल्या अंदाजपत्रकाची तत्वे अंदाजपत्रकीय प्रक्रिया. कायदा आणि अंमलबजावणी खाते आणि लेखापरिक्षण अर्थ आणि महत्व.
8	June 2021	नियंत्रक आणि महालेखापरिक्षकाची अधिकार आणि कार्ये. संसदीय नियंत्रण लोकलेखा समिती अंदाज समिती
9	July 2021	नविन आर्थिक धोरण उदारिकरण खाजगीकरण जागतिकीकरण.

Dr. Magar S.R.

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College,
Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Dr. Magar S.R. Department - Public Administrah

Class - B.A.S.Y. Paper - पंचायतराज आणि ग्रामीण विकास - VI , Sem - III

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	भारतातील पंचायतराजची उत्क्रांती. लॉर्ड मेयोचा ठराव, लॉर्ड रिपनचा ठराव सामुदायिक विकास कार्यक्रम, बलवंतराय मेहता समिती 73 वी घटना दुरुस्ती.
2	Nov. 2020	महाराष्ट्रातील पंचायतराज व्यवस्था. वसंतराव नाईक समिती जिल्हा परिषद, पंचायत समिती, ग्रामपंचायत आणि ग्रामसभा - रचना आणि कार्ये.
3	Dec. 2020	ग्रामीण विकास - संकल्पना आणि कार्यक्रम. ग्रामीण विकासाची अर्थ आणि संकल्पना. ग्रामीण विकासातील पंचायतराजची भूमिका संत गाडगेबाबा ग्राम स्वच्छता अभियान इंदिरा आवास योजना.
4	Jan. 2021	राज्य ग्रामीण विकास मंत्रालय - रचना आणि कार्ये. ग्रामीण विकास संस्था. जिल्हा ग्रामीण विकास संस्था. जिल्हा नियोजन समिती.

Dr. Magar S.R.

5	Feb.2021	પંચાયતराज संस्थांचे आर्थिक स्रोत. स्थानिक कर शासकीय अनुदान स्वंय उत्पन्न स्रोत
6	April 2021	Sem-IV. शहरी स्थानिक स्वराज्य संस्था आणि शहर विकास -VIII शहरीकरण - अर्थ, कारणे आणि परिणाम. महाराष्ट्रातील शहरी स्थानिक स्वराज्य संस्था. महानगरपालिका, नगरपरिषद. नगरपंचायत, छावणी मंडळ.
7	May 2021	74 व्या घटनादुरुस्तीतील तरतूदी. शहर विकास मंत्रालय - रचना आणि कार्ये. शहर विकास संस्था. शहर आणि औद्योगिक विकास संस्था. एसडो.
8	June 2021	म्हाडा. शहरीकरणाच्या समस्या. झोपडपट्टी प्रदूषण गुन्हेगारी आणि रहदारी
9	July 2021	पाणीपुरवठा मुख्य शहर विकास कार्यक्रम शहर नियोजन झोपडपट्टी सुधारणा कार्यक्रम.

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Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Dr. Magar S.R. Department - Public - Administration

Class - B.A.T.Y. Paper - માનવ સંસાધન વિકાસ - IX (Sem-V)

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	માનવ સંસાધન વિકાસ. અર્થ, સ્વરૂપ આણિ મહત્વ. માનવ સંસાધન વિકાસ મંત્रालय - રચના, કાર્ય આણિ ભૂમિકા
2	Nov. 2020	માનવ સંસાધન વિકાસાતીલ સંસ્થાંચી ભૂમિકા. કેંદ્રીય માધ્યમિક શિક્षણ મંડળ રાષ્ટ્રીય શૈક્षણિક સંશોધન આણિ પ્રશિક્षણ પરિષદ.
3	Dec. 2020	માનવ સંસાધન વિકાસાચી સાધને. उચ્ચ શિક્षણ આણિ સંશોધન વ્યવસાયિક આણિ તાંત્રિક શિક્षણ મૂલ્ય શિક્षણ
4	Jan. 2021	વ્યક્તિમાત્ર વિકાસ. માનવ સંસાધન વ્યવસ્થાપન અર્થ, સ્વરૂપ, મહત્વ આણિ उદ્દિષ્ટે.

5	Feb.2021	ભરતી માનવ સંસાધન નિયોજન સંકલ્પના, ગરજ અને મહત્વ. નિયોજન પ્રક્રિયા.
6	April 2021	sem-VI સાર્વજનિક ધોરણ અને વિકાસ - XIII. સાર્વજનિક ધોરણ - અર્થ, વ્યાખ્યા, પ્રકાર અને પ્રક્રિયા સાર્વજનિક ધોરણ નિર્મિતી. કાર્યકારી, કાયદેમંડળ, ન્યાયમંડળ, માધ્યમે, નાગરી સમાજ
7	May 2021	સાર્વજનિક ધોરણોની અંમલબજાવણી કાર્યકારી, નોકરશાહી. ભારતાતીલ સાર્વજનિક ધોરણ નિર્ગુંતવણૂક ધોરણ, રાષ્ટ્રીય ગાર્ડ ધોરણ, અન્ન સુરક્ષા કાયદા જમીન સુધારણા ધોરણ.
8	June 2021	વિકાસ - અર્થ અને સંકલ્પના શાશ્વત વિકાસ સર્વસમાવેશક વાટ. ગ્રામીણ ભાગામધ્યે નાગરી સુવિધાંચા પુરવઠા
9	July 2021	વિકાસાતીલ સમસ્યા. લોકસંખ્યા વિસ્ફોટ બેરોજગારી દારિદ્ર્ય પ્રદૂષણ

Dr. Magar S.R.

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Dr. Magar S. R. Department - Public Administration

Class - B.A.T.Y. Paper - भारतातील शैक्षणिक प्रशासन - X Sem - V

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	शिक्षण - अर्थ, उद्देश आणि महत्व शिक्षणाची ऐतिहासिक पार्श्वभूमी कोठारी आयोग - 1966 राष्ट्रीय शैक्षणिक धोरण - 1986
2	Nov. 2020	राष्ट्रीय ज्ञान आयोग - 2005 राष्ट्रीय उच्चतर शिक्षा अभियान उच्च शिक्षण संस्था. विद्यापीठ अनुदान आयोग उच्च शिक्षण संचालक
3	Dec. 2020	विद्यापीठे महाविद्यालये. उच्च शिक्षणातील गुणवत्ता नियंत्रण संस्था. नॅक
4	Jan. 2021	अखिल भारतीय तंत्रशिक्षण परिषद भारतातील उच्च शिक्षणासमोरील आव्हाने उच्च शिक्षणातील सर्वसाधारण नोंदणी प्रमाण

5	Feb.2021	ઉચ્ચ શિક્ષણ આણિ રોજગાર ઉચ્ચ શિક્ષણ આણિ ગુણવત્તા ઉચ્ચ શિક્ષણ આણિ જાગતિકીકરણ – પ્રભાવ આણિ પરિણામ
6	April 2021	Sem – VI. ભારતાતીલ આરોગ્ય પ્રશાસન – XIV ભારતાતીલ આરોગ્યસેવા આરોગ્ય સેવા પ્રશાસન – વ્યાપ્તી આણિ મહત્વ. રાષ્ટ્રીય આરોગ્ય ધોરણ-2002 – મહત્વપૂર્ણ તે શિલ્પે સાર્વજનિક આરોગ્યાચ્યા પાયાભૂત સુવિધાંચી સ્થિતી આરોગ્યાચી માહિતી, શિક્ષણ આણિ સંદેશાવહન
7	May 2021	આરોગ્ય આણિ કુટુંબ કલ્યાણ મંત્રાલય સંઘટન, પ્રમુખ કાર્યક્રમ – રાષ્ટ્રીય મુડ્સ નિયંત્રણ કાર્યક્રમ રાષ્ટ્રીય સુધારિત ટી. બી. નિયંત્રણ કાર્યક્રમ અસીકરણ મોહિમ.
8	June 2021	રાષ્ટ્રીય ગ્રામીણ આરોગ્ય મિશન – ધ્યેય, સંસ્થાત્મક યંત્રણા. મહત્વ. આરોગ્ય નિધારણ. સુરક્ષિત પેયજલ પોષક આહાર સ્વચ્છતા આણિ આરોગ્ય
9	July 2021	આરોગ્ય શિક્ષણ આરોગ્ય સેવાંચી ઉપલબ્ધતા. ભારતાતીલ આરોગ્ય સેવાંચી આવશ્યકતે વિત્તીય સંસાધને અપૂરે કર્મચારી સામાજીક સહભાગ.

Dr. Magar S.R.

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Dr. Talekar C.K. **Department -** Political science

Class - B A I year **Paper -** Basic Concepts of Political science. sem - II

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	1) State :- 1.1- meaning & Nature 1.2. Elements of State 1.3 Theories of origin of state Divin - Theory, social contract theory, Evolution Theory
2	Nov. 2020	2) - Government :- 2.1- meaning & Defination 2.2 Orgnas of Government :- Legislature, Exective & Judiciary
3	Dec. 2020	2.3 Type's of Government :- Fedral, parliamentary & presidantal 3) - Sovereignty :-
4	Jan. 2021	3.1 meaning Defination & Types 3.2 Austion's Thory of Sovereighty 3.3 pluralistic Theory of Sovereighty.

5	Feb.2021	4) - Citizenship & Rights 4.1 - citizenship, meaning Types & methods of acquistions 4.2 meaning, Depinition and Types of Right & Dutics
6	April 2021	- Sem II - 1) - Liberty, Equality, Justice 1.1 - Meaning & Definition 1.2 - Types of Liberty & Equality 1.3 - Idea of social Justice.
7	May 2021	2) - Rights :- 2.1 - Meaning & Nature. 2.2 - Types of Rights
8	June 2021	3) - Democracy :- 3.1 - Meaning & Features 3.2 - Direct & Indirect Democracy 3.3 - Merits & Demerits of Democracy
9	July 2021	4) - Welfare State 4.1 - Meaning & features 4.2 - Functions of Welfear state.

Dr. Talekar C.K.

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Dr. Talekar C.K. **Department -** Political sci.

Class - BA II yea **Paper –** Indian Government & politices **Sem-** III IV

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	1) Indian constitution :- 1.1 Sources 1.2 Preamble 1.3 Features
2	Nov. 2020	2) Constitutional Provision :- 2.1 Fundamental rights 2.2 Directive principles of state policy
3	Dec. 2020	3) Union Government :- 3.1 President 3.2 Parliment 3.3 Prim minister
4	Jan. 2021	4) Budgetary Process & Parlimentary Committees :- 4.1 Budgetary Process 4.2 Public Accounts Committee. 4.3 Estimate Committee.

5	Feb.2021	5) - Constitutional Institutions :- 5.1 - Attorney General 5.2 - comptroller & Auditor General
6	April 2021	Sem - IV - 1) Suprem court :- 1.1 - structure, powars & functions 1.2 - Powers of Judicial Review 2) - Center - state Relations :- 2.1 - Legistative. 2.2 - Administative 2.3 - Financal
7	May 2021	3) - Ideology & program of political partics in India :- 3.1 - features of party system in India 3.2 - All India National Congress party. 3.3 - Bhartiya Janta party. 3.4 - Communist party.
8	June 2021	4) - Election Commision & electoral reforms :- 4.1 - compsition powar, Punctions, role & Importance 4.2 - Electoral reforms in India.
9	July 2021	5) - challenges before Indian Democracy :- 5.1 - Comuption 5.2 - Castism 5.3 - Communaliam 5.4 - Regionalism.

Dr. Talekar C.K.

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College,
Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Dr. Talekar C.K. Department - Political science

Class - BA III year Paper - Western Political Thinkers, Sem - V - VI

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	1) Plato :- Views on :- Justice, Communism, Education, Ideal state.
2	Nov. 2020	2) Aristotle :- Views on :- State, Citizenship, Revolution,
3	Dec. 2020	3) Niccolo Machiavelli :- Human Nature, Advice to prince. Views on Religion & Morality
4	Jan. 2021	4) Thomas Hobbes Human Nature, Social Contract Theory & Concept of Sovereignty

5	Feb.2021	5) John Locke :- Human Nature, social contract Theory, Idea of Rights
6.	April 2021	Sim - VI 1) - Jean Jacques Rousseau. 1.1 Human Nature 1.2. social contract Theory. 1.3 - Idea of General will
7	May 2021	2) John Stuart Mill 2.1 Utilitarianism 2.2 Idea of Liberty. 2.3 Representive Government 3) Jeremy Beortham 3.1 Views on state, Government & Right.
8	June 2021	3.2 Ideas on Laws. Reform & punishment 3.3 Theory of utilitarianism 4) Karl Marx :- 4.1 Dialectical Materialism & Materialistic Interpretation of History.
9	July 2021	4.2 Theory of class struggle & surplus 4.3 Views on state & Revolution. Value 5) Harold Laski :- 5.1 - Pluralistic Theory of sovereignty 5.2 Views on Liberty.

Dr. Talekar G.K.

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College,
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Month Wise Teaching Plan 2020-2021

Teacher Name - Dr. Talekar C.K. **Department -** Political sci.

Class - B.A III yr **Paper -** Political Ideologies sem-V-VI

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	1) Nationalism
2	Nov. 2020	2) Liberalism
3	Dec. 2020	3) Democracy
4	Jan. 2021	4) Imperialism

5	Feb.2021	5) Feminism
6	April 2021	Sem - VI 1) Socialism
7	May 2021	2) Communism 3) Fascism
8	June 2021	4) Anarchism
9	July 2021	5) Environmentalism

Dr. Talekar C.K.

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Gondkar T.D. Department - political science

Class - B.A.F.Y. Paper - Government and Politics of Maharashtra II & X

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	1 प्रारंभ। महाराष्ट्र राज्याचे ऐतिहासिक आणि राजकीय पार्श्वभूमी i) संयुक्त महाराष्ट्र चळवळ ii) राज्य पुनर्रचना आयोग।
2	Nov. 2020	2 महाराष्ट्र शासनाची रचना। i) कार्यकारी मंडळ राज्यपाल - रचना। कार्य - अधिकार ii) महाराष्ट्र राज्याचे मुख्यमंत्री आणि त्यांचे मंत्रिमंडळ - रचना, कार्य, अधिकार
3	Dec. 2020	iii) महाराष्ट्र राज्याचे न्यायमंडळ रचना व कार्य 3) महाराष्ट्रातील प्रमुख चळवळी i) सहकारी चळवळ ii) शेतकरी चळवळ
4	Jan. 2021	iii) दलित चळवळ iv) महिला चळवळ

5	Feb.2021	बहुपर्यायी पेपरचा सराव
6	April X 2021	1) महाराष्ट्रातील पंचायतराज ऐतिहासिक पार्श्वभूमी विविध समित्यांचा आढावा • ग्रामपंचायतीची रचना
7	May 2021	ग्रामपंचायतीचे कार्य पंचायत समिती रचना व कार्य जिल्हा परिषद रचना व कार्य
8	June 2021	2) महाराष्ट्रातील राजकीय पक्ष राजकीय पक्षांची कार्ये i) भारतीय राष्ट्रीय काँग्रेस ची थोडक्यात माहिती ii) राष्ट्रवादी काँग्रेस पक्ष थोडक्यात माहिती
9	July 2021	iii) भारतीय जनता पार्टी - विचारसरणी iv) शिवसेना - थोडक्यात माहिती v) भारतीय रिपब्लिकन पक्ष vi) भारतीय रिपब्लिकन बहुजन महासंघ vii) शेतकरी कामगार पक्ष viii) भारतीय साम्यवादी पक्ष

Gondkar T. D

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Gondkar T. D. **Department -** Political Science

Class - B. A. S. Y. **Paper -** आंतरराष्ट्रीय संबंध. III & XI

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. III 2020	1) आंतरराष्ट्रीय संबंध अर्थ - स्वरूप, व्याप्ती अभ्यासाचे महत्त्व आंतरराष्ट्रीय संबंधाच्या अध्ययनाचे विकास
2	Nov. 2020	2) आंतरराष्ट्रीय संबंधांच्या अभ्यासाचे दृष्टिकोन, दृष्टिकोनाचे प्रकार अ) पारंपारिक दृष्टिकोन ब) आधुनिक दृष्टिकोन i आदर्शवादी, ii) वर्तनवादी iii) व्यवस्था सिद्धांत iv) निर्णय निर्मिती दृष्टिकोन v) खेळ सिद्धांत
3	Dec. 2020	3) भारताचे परराष्ट्र धोरण :- अर्थ, साधने, धोरण, स्वरूप, तत्वे अलिप्ततेचे नविन्यपूर्ण धोरण परराष्ट्र धोरणाचे आक्षेप
4	Jan. 2021	4) राष्ट्रीय हित संबंध व राष्ट्रीय सत्ता अर्थ - स्वरूप, वैशिष्ट्ये, प्रकार साधने.

5	Feb.2021	5) सत्ता समतोल :- अर्थ, विकास, स्वरूप, प्रकार, तंत्र किंवा कौशल्य, फायदे आणि तोटे बहुध्रुवीय पद्धत सदवि
6	April 2021	4) सामुहिक सुरक्षितता आणि संयुक्त राष्ट्र संघटना :- अर्थ-स्वरूप, वैशिष्ट्ये, तत्वे राष्ट्रसंघाचा सामुहिक सुरक्षिततेची तरतुद राष्ट्रसंघाकडून झालेले करार, संयुक्त राष्ट्रसंघटनेकडील सामुहिक सुरक्षितता, भूमो.
7	May 2021	2) प्रतिरोधन (Deterrence) : पार्श्वभूमी अर्थ-स्वरूप, वैशिष्ट्ये. प्रकार 3) जागतील महत्त्वाचा समस्या i) दहशतवाद ii) पर्यावरणवाद
8	June 2021	4) आंतरराष्ट्रीय आणि क्षेत्रिय संघटना :- आंतरराष्ट्रीय नाणे निधी, जागतिक बँक जागतिक व्यापार संघटना, सार्क आसियान ॲपेक, नाफ्टा, सुरक्षापरिषद महासंघ गट 15
9	July 2021	5) अलिप्ततावाद चक्रवर्ती :- अर्थ-स्वरूप, महत्त्वपूर्ण परिषदा, तत्वे पंचशील तत्वे. महत्व, भूमिका, प्रासंगिकता, भवि. अपेक्षा,

Gondkar T. R

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College,
Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Gondkar T. D. **Department -** Political Science

Class - B. A. T. Y **Paper -** Indian Political Thinkers V & XIII

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. V 2020	1) राजा राम मोहन रॉय : जीवन परिचय सामाजिक विचार : रूढिसुधारणा बाबत, मानवतावाद धार्मिक विचार - एकेश्वरवाद चा स्वीकार, ब्राह्मो समाज राजकीय विचार, मुद्रण स्वातंत्र्य संबंधाचे विचार कायदेविषयक संबंधी, शैक्षणिक, आर्थिक विचार
2	Nov. 2020	2) दयानंद सरस्वती :- धार्मिक प्रवाह राजकीय विचार - वेद, राजकारण व नितीशास्त्र सामाजिक विचार - अस्पृश्यते ला विरोध शिक्षण विषयक विचार, स्त्रीशिक्षण विचार आर्य समाज, विचारांचे मुल्यमापन
3	Dec. 2020	3) गोपाळ कृष्ण गोखले :- राजकीय विचार, आर्थिक विचार, शैक्षणिक विचार 4) लोकमान्य बाळ गंगाधर टिळक :- लोकशिक्षणाचे कार्य, सामाजिक सुधारणाबाबत विचार, ~~चिकित्सा~~ चतुःसूत्री, स्वदेशी
4	Jan. 2021	स्त्रीशिक्षणाबाबतचे विचार, स्वराज्य संकल्पना 5) महात्मा गांधी :- प्रभाव, राजकीय विचार सत्याग्रह, अहिंसा, सत्याग्रह, आदर्श राज्य स्वातंत्र्य संबंधी विचार, आर्थिक विचार

5	Feb.2021	सामाजिक विचार शैक्षणिक विचार 6) मौलाना अबुल कलाम आझाद :- राजकिय सहभाग, धार्मिक विचार, राष्ट्रवाद शैक्षणिक योगदान, सामाजिक विचार
6	April 2021 XIII	पंडित जवाहरलाल नेहरु - प्रभाव लोकशाही संबंधीचे विचार, समाजवाद संबंधीचे विचार लोकशाही समाजवादाची वैशिष्ट्ये, परराष्ट्र धोरण धर्मनिरपेक्षतेबाबतचे विचार, मुल्यमापन
7	May 2021	2 मानवेंद्रनाथ रॉय :- राजकिय विचार नवमानवतावाद, मुलगामी लोकशाही संबंधी विचार, विचारांचे मुल्यमापन 3) डॉ. बाबासाहेब आंबेडकर :- प्रवास, राष्ट्रवादी विचार, लोकशाही संबंधीचे विचार साम्यवादी विचार, समाजवादी विचार
8	June 2021	राज्य संबंधीचे विचार, घटनावाद राजकिय विचार, सामाजिक विचार, धर्म संबंधीचे विचार, स्त्री शिक्षणा संबंधीचे विचार
9	July 2021	4) जयप्रकाश नारायण :- राजकीय कार्य आर्थिक विचार लोकशाही समाजवादी विचार पक्षविरहित लोकशाही संपूर्ण क्रांती संबंधीचे विचार

Gondkar T.R.

	5	Feb.2021	State & Labour
VI sem	6	April 2021	Economy of maharashtra
	7	May 2021	futures of Economy of maharashtra.
	8	June 2021	The problems of Agricultural in maharashtra ~~The~~ co-operative movement in maharashtra
	9	July 2021	Infrastructure & Industrial development in Maharashtra.

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College,
Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Dr. A. M. Korade (H.O.D) ECO Department - Economics

Class - TY BA Paper - Labour Economics XI, Economics of Maharashtra XV

V Sem

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	Introduction of Labour Economics
2	Nov. 2020	Labour Market
3	Dec. 2020	Employment
4	Jan. 2021	Wage Distribution

5	Feb.2021	Balance of payments.
6	April 2021	Research Methodology, Introduction.
7	May 2021	Research ~~Rec~~ Design
8	June 2021	Data collection
9	July 2021	Data presentation & Analysis

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College,
Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Dr. A. M. Korade (H.O.D) Eco Department - Economics

Class - TYBA Paper - International Economics IX, Research methodology XVII

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	Introduction of International economics
2	Nov. 2020	Importance of trade and Trade Theories
3	Dec. 2020	Gains from Trade
4	Jan. 2021	Tariffs and quatas.

5	Feb.2021	Theory of Trade cycle
6	April 2021	Introduction of public finance
7	May 2021	public Revenue
8	June 2021	public Revenue & public finance
9	July 2021	public Debts, union Budget.

IV Sem

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College,
Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Dr. A. M. Korade (H.O.D) Eco Department - Economics

Class - S.Y.B.A Paper - IV, VII, Macro Economics, public finance,

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	Macro Economics Introduction
2	Nov. 2020	National Income
3	Dec. 2020	Theory of money
4	Jan. 2021	Employment & Income

	5	Feb.2021	Analysis of market Equilibrium
II sem	6	April 2021	Theory of price Introduction
	7	May 2021	Theory of production
	8	June 2021	production cost & Analysis of Income Type of market
	9	July 2021	Distributon of production Events

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College,
Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Dr. A. M. Korade H.O.D. Economics Department - Economics

Class - FYBA Paper - Micro Economics I, price Theory III

I Sem

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	Introduction of micro Economics
2	Nov. 2020	The Law of Demand
3	Dec. 2020	The Law of supply
4	Jan. 2021	Theory of consumer Behavior

5	Feb.2021	6) Income Tax Act 1961.
6	April 2021	7) Income from salary.
7	May 2021	8) Income from Business and profession.
8	June 2021	9) Income from House property.
9	July 2021	10) Income from Capital Gain. Income from other sources.

प्रा. प्रिती सी. की.

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - SHINDE G. B. Department - Commerce

Class - T.Y. B.com Paper - Indirect Taxes & Direct Taxes

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	1) Indirect Taxes :- Definition, characteristics, Advantages, Disadvantages, Types special features of indirect Tax, contribution to Government revenus, Instrument of planning development,
2	Nov. 2020	2) Central Exeise:- Introduction, meaning, Nature and scope, central Exeise duty Act 1944 importent and Defination, Registration, 3) Customs Laws:-
3	Dec. 2020	3) Sustoms Laws:- 1) service Tax:-
4	Jan. 2021	4) service Tax:- 5) Maharashtra Value Added.

5	Feb.2021	6) Budget & Budgetary Control
6	April 2021	7) Cash Budget
7	May 2021	8) Functional Budgets
8	June 2021	9) Capital Budgeting.
9	July 2021	10) Responsibility Account.

Mr. Shinde G.B.

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - SHINDE G. B. Department - Commerce

Class - T.Y.B.com Paper - management Accounting.

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	1) management Accounting :- meaning, definition Scope of management ACCOUNTING, TOOLS and Techniques of management ACCOUNTING, Difference between management ACCOUNTING
2	Nov. 2020	2) Financial Statement Analysis :- meaning, definitions, scope of Financial statement 3) Ratio analysis :- classification of Ratio
3	Dec. 2020	3) Ratio analysis :- Inventory Turnover Ratio, Debtors Turnover Ratio, creditors Turnover Ratio, current Ratio, Liquid Ratio, Proprietory Ratio 4) Funds Flow statement.
4	Jan. 2021	4) Funds Flow statement. 5) cash flow statement

5	Feb.2021	6) marketing communication
6	April 2021	7) Consumer Behaviour.
7	May 2021	8) Customers Relationship management.
8	June 2021	9) New Issues and development in marketing
9	July 2021	10) Ethics in marketing

PM - Shinde G. B.

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College,
Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - SHINDE G. B. Department - Commerce.

Class - S.Y. B.com Paper - Marketing Management.

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	1) Introducation to marketing :- Defination, Nature, scope and Importance of marketing, Tradnitional and modern Concept of marketing, classification of markets, Functions of marketing, marketing Environment.
2	Nov. 2020	2) marketing segmentation, Targeting and Positioning 3) marketing mix and channels of Distribution :
3	Dec. 2020	3) marketing mix and channels of Distribution. 4) marketing management / marketing planning.
4	Jan. 2021	4) marketing management / marketing planning 5) Rural marketing.

5	Feb.2021	6) Entrepreneurship
6	April 2021	7) Emerging Trends in Entrepreneurship Development
7	May 2021	8) Entrepreneurship Development programme.
8	June 2021	9) project ~~Dnt~~ Identification & Resource management
9	July 2021	10) project preparation

prof. Shinde C. B.

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - SHINDE G. B. Department - Commerce

Class - F.Y.B.com Paper - Entrepreneurship Development -

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	1) Entrepreneur :- Concept of Entreprener defination, charactics, Funcions, Entrepreneurs and intrapreneur, Role of Entreprener in Economic Development.
2	Nov. 2020	2) Entrepreneurship :-
3	Dec. 2020	3) The Dynamic new Trends of Entrepreneurship :- 4) Evolution of Entrepreneuship in 21st century :- Essential of 21st century Entrepreneuship
4	Jan. 2021	4) Evolution of Entrepreneurship in 21st century :- 5) project Indentification

5	Feb.2021	7) Logarithms
6	April 2021	8) Correlations -
7	May 2021	9) Regression
8	June 2021	10) Index Numbers
9	July 2021	11) probability and Expected value.

Prof. Shinde G. B.

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College,
Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - SHINDE G. B. Department - Commerce

Class - F-Y. B.com Paper - Business Math & Stat.

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	1) Introduction to statistics :- Meaning, Definition, Importance and Limitations of statistics, primary and secondary data, methods of collection, primary data, sources of secondary data, Difference between primary and secondary data was of collection of data @ complete enumeration ⓑ sample method, seriation and Tabulation of statistical data.
2	Nov. 2020	2) measures of central Tendency :- Introduction, definitaion, Types of averages mean, median, and mode 3) measures of Dispersion & skeweness :- Introduction, definitaion, objectives of measuring Dispersion, mean deviation and its coefficient, Standard deviation, its o cofficent.
3	Dec. 2020	4) measures of Dispersion & skewnes :- skewens — Introduction, Definition, objectives of skewnes measures of skewnes, Karl Pearsons co-efficient of skewnes' 5) Determinants :- Definition, cramer's Rule Determinant of second order, determinant of Third order.
4	Jan. 2021	5) Determinants :- 6) Matrices :-

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College,
Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Bhosale S. E. **Department -** Sociology

Class - B.A.F.Y. **Paper -** I & III Introduction to Sociology
Subfields of Sociology.

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	સમાજશાસ્ત્રનો પરિચય વ્યાખ્યા અભ્યાસ વિષય અને વ્યાપ્તી સમાજશાસ્ત્રનો વિકાસ
2	Nov. 2020	મુળભૂત સંકલ્પના - સમાજ સામાજિક ગટ સામાજિક સંસ્થા સમાજવ્યવસ્થા
3	Dec. 2020	સમાજશાસ્ત્રની પ્રમાણતા સંરચનાત્મકતા પ્રકાર્યાત્મકતા
4	Jan. 2021	સમાજશાસ્ત્રની પ્રમાણતા - સંઘર્ષ સમાજશાસ્ત્રની ઉપયુક્તતા

5	Feb.2021	સમાજશાસ્ત્રની ઉપયુક્તતા
6	April 2021	સમાજશાસ્ત્ર અને સમાજ - નાગરી સમાજશાસ્ત્ર નાગરી સમાજશાસ્ત્રનું સ્વરૂપ અને અભ્યાસ-વિષય નાગરી સમાજશાસ્ત્રનું મહત્વ. - ગ્રામીણ સમાજશાસ્ત્ર. ગ્રામીણ સમાજશાસ્ત્રનો અભ્યાસવિષય, મહત્વ
7	May 2021	સમાજશાસ્ત્ર અને આંતરક્રિયા. - સામાજિક માનસશાસ્ત્ર. અર્થ, સ્વરૂપ, અભ્યાસવિષય, મહત્વ. - રાજકીય સમાજશાસ્ત્ર અર્થ, સ્વરૂપ, અભ્યાસવિષય, મહત્વ.
8	June 2021	સમાજશાસ્ત્ર અને સંસ્કૃતિ - માનવવંશ શાસ્ત્ર અર્થ, અભ્યાસવિષય, મહત્વ. - ભારતીય માનવવંશશાસ્ત્રનો વિકાસ,
9	July 2021	સમાજશાસ્ત્રનું ઉપયોજિત સ્વરૂપ. - ઔદ્યોગિક સમાજશાસ્ત્ર અર્થ, અભ્યાસવિષય, મહત્વ.

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Bhosale S.E. **Department -** Sociology

Class - B.A.F.Y. **Paper -** II & IV Individual and Society. Indian Social composition.

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	व्यक्ती आणि समाज - संस्कृती सामाजिकरण
2	Nov. 2020	सामाजिक संरचना सामाजिक संरचनेचा अर्थ. दर्जा आणि भूमिका
3	Dec. 2020	सामाजिक संरचना - प्रमाणके आणि मूल्ये. सामाजिक परिवर्तन - सामाजिक परिवर्तन अर्थ. परिवर्तन घडवून आणणारे घटक.
4	Jan. 2021	सामाजिक परिवर्तन - आडथळा आणणारे घटक. सामाजिक स्तरीकरण - सामाजिक स्तरीकरण अर्थ व वैशिष्ट्ये. जाती व्यवस्था, वर्ग व्यवस्था.

5	Feb.2021	સામાજિક નિયંત્રણ - અર્થ વ વૈશિષ્ટ્યે. સામાજિક નિયંત્રણાચે પ્રકાર. અનુસરણ આણિ વિપથગમન.
6	April 2021	ભારતીય સમાજાચી લક્ષણે - ભારતીય સમાજાચે ઐક્યાત્મક ઘટક ભૌગોલિક, ધાર્મિક, પારંપારિક. ભારતીય સમાજાચે વિભેદનાત્મક ઘટક ભાષા, ધર્મ, વંશ, જાત ભારતીય સમાજાચી મૂલ્યે - અહિંસા, સહિષ્ણુતા.
7	May 2021	ભારતીય લોકસંખ્યા ભારતીય લોકસંખ્યેચી વૈશિષ્ટ્યે અતિરિક્ત લોકસંખ્યા, ઘનતા, સ્થલાંતર લોકસંખ્યા નિયોજન. લોકસંખ્યા નિયંત્રણ.
8	June 2021	લોકશાહી આણિ ધર્મનિરપેક્ષતા લોકશાહી અર્થ આણિ વૈશિષ્ટ્યે સામાજિક ન્યાય ભારતીય રાજ્યઘટના.
9	July 2021	ગ્રામીણ આણિ શેતજમીન રચના વતનદારી પધ્ધતી ભારતાતીલ જમિનધારણા. ભારતીય ગ્રામીણ સમાજાચે વર્તમાન સ્વરૂપ.

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Bhosale Shivaji Eaknath. **Department -** Sociology.

Class - B.A.S.Y. **Paper -** ~~III & V~~ & VII Problem of Rural India. Population in India.

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	સંરચનાત્મક પ્રશ્ન - કુટુંબ વિઘટન સ્ત્રીઓંચે શૈક્ષણિક આણિ આરોગ્ય વિષયક પ્રશ્ન.
2	Nov. 2020	સંરચનાત્મક પ્રશ્ન - ઘરગુતી હિંસાચાર, હુંડા પદ્ધતી. શિક્ષણ આણિ આરોગ્યાચે પ્રશ્ન - શૈક્ષણિક ગળતી નિરક્षરતા
3	Dec. 2020	શિક્ષણ આણિ આરોગ્યાચે પ્રશ્ન - સામુદાયિક આરોગ્ય આણિ સકસ આહાર. ગ્રામીણ અર્થવ્યવસ્થા - ભૂમિહિન શેતમજૂરાંચ્યા સમસ્યા
4	Jan. 2021	ગ્રામીણ અર્થવ્યવસ્થા - ગ્રામીણ ઉદ્યોગાચે પ્રશ્ન. વિકાસાત્મક પ્રકલ્પ આણિ પુનર્વસન.

5	Feb.2021	ગ્રામીણ વિકાસાતીલ અડચણે - ગ્રામીણ બેરોજગારી શાસકિય યોજનેતીલ ભ્રષ્ટાચાર
6	April 2021	ભારતીય લોકસંખ્યા મુક્તમુન સંકલ્પના - જન્મદર મૃત્યુદર લોકસંખ્યા ઘનતા.
7	May 2021	ગતિમાન માનવી લોકસંખ્યા - લોકસંખ્યાવાढ આણિ પર્યાવરણ. लिंग गुणोत्तर आणि रसी भ्रूणहत्या. वयरचना आणि वृद्धांचे प्रश्न.
8	June 2021	લોકસંખ્યા સંક્રમણ - औद्योगिकपुर्व अवस्था औद्योगिक अवस्था
9	July 2021	લોકસંખ્યા સંક્રમણ - औद्योगिकेत्तर अवस्था. લોકસંખ્યા ધોરણ - ભારતાતીલ કુટુંબ કલ્યાણ કાર્યક્રમ. ભારતાચે નવિન લોકસંખ્યા ધોરણ.

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Bhosale S.E. **Department -** Sociology.

Class - B.A.T.Y. **Paper -** IX & XIII Sociological Traditions
Sociological Theories.

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	सामाजिक विचारांचा उदय - प्रबोधन युग फ्रेंच राज्यक्रांती औद्योगिक क्रांती.
2	Nov. 2020	आदय विचारवंत - - ऑगस्ट कोम्ट - प्रत्यक्षवाद, तिन अवस्थांचा नियम. - हर्बर्ट स्पेन्सर - सावयवी सिध्दांत, उत्क्रांतीचा सिध्दांत
3	Dec. 2020	आदय विचारवंत - - इमिल दरखाईम - आत्महत्या सिध्दांत सामाजिक तथ्य.
4	Jan. 2021	अभिजात परंपरा - - कार्ल मार्क्स - ऐतिहासिक भौतिकवाद. वर्गसंघर्ष सिध्दांत.

5	Feb.2021	અભિજાત પરંપરા - - મૅક્સ વેબર - સત્તેચા સિધ્ધાંત પ્રોટેસ્ટંવાદ આણિ મૉડર્નશાહી.
6	April 2021	પ્રકાર્યવાદ - - ટૅલકૉટ પાર્સન્સ - પાર્સન્સચા સામાજિક ક્રિયાસિધ્ધાંત સમાજવ્યવસ્થેચ્યા પૂર્વાવશ્યકતા. - રૉબર્ટ મર્ટન - ભૂમિકા સંચ, સંદર્ભસમૂહ.
7	May 2021	સંઘર્ષ સિધ્ધાંત - - લુઈસ કોજર - સંઘર્षची कार्ये હિંસા
8	June 2021	સંઘર્ષ સિધ્ધાંત - - राल्फ डेहरेनडार्फ - औद्योगिक समाजातील वर्गसंघर्ष સત્તા આણિ અધિકાર સિધ્ધાંત. પ્રતિકાત્મક આંતરક્રિયા - સિ.એચ.કૂલે - પ્રતિબિંબિત સ્વત્વ.
9	July 2021	પ્રતિકાત્મક આંતરક્રિયા - સિ.એચ.કૂલે - પ્રાથમિક ગટ સિધ્ધાંત. - જી.એચ.મિડ - સ્વ, સ्वची कार्ये.

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College,
Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Bhosale S.E. **Department -** Sociology.

Class - B.A.T.Y. **Paper -** X & XIV Introduction to research Methodology
Social Research methods.

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	સામાજિક સંશોધનાનીલ મુળમુત સંકલ્પના - સામાજિક સંશોધનાચા અર્થ સામાજિક સંશોધનાચે મહત્વ. સિધ્દાંત.
2	Nov. 2020	સામાજિક સંશોધનાનીલ મૂલભૂત સંકલ્પના - તથ્ય વસ્તુનિષ્ઠતા સામાજિક સંશોધનાચે પ્રકાર વ્યાવહારિક સંશોધન અન્વેષણાત્મક સંશોધન
3	Dec. 2020	સામાજિક સંશોધનાચે પ્રકાર - વર્ણનાત્મક સંશોધન. નિદાનાત્મક સંશોધન. પ્રયોગાત્મક સંશોધન.
4	Jan. 2021	[illegible] વૈજ્ઞાનિક સંશોધન પ્રક્રિયા - સમસ્યા સૂત્રણ ગૃહિતકૃત્યે.

5	Feb.2021	વૈજ્ઞાનિક સંશોધન પ્રક્રિયા – નમુના નિવડ આણિ તથ્ય સંકલન. માહિતીચે વિશ્લેષણ આણિ નિષ્કર્ષ.
6	April 2021	તથ્ય સંકલનાચ્યા પદ્ધતી નિરીક્ષણ પ્રશ્નાવલી
7	May 2021	તથ્ય સંકલનાચ્યા પદ્ધતી – મુલાખત. સંગણકાચા ઉપયોગ આણિ સંખ્યાકી – સામાજિક સંશોધનાત સંગણકાચા ઉપયોગ. ઇંટરનેટ
8	June 2021	સંગણકાચા ઉપયોગ આણિ સંખ્યાકી – સાંખ્યિકી માપનાચા પરિચય. એસ.પી.એસ.એસ. ચે મહત્વ.
9	July 2021	સામાજિક સંશોધનાચી ઉપયુક્તતા – સામાજિક પ્રશ્નાચા અભ્યાસ સામાજિક સંરચનેચા અભ્યાસ કલ્યાણકારી યોજનાંચે મૂલ્યમાપન. યોજનાંસાઠી માર્ગદર્શન.

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College,
Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Bhosale S.E. **Department -** Sociology.

Class - B.A.T.Y. **Paper -** XII & XVI & Project Work.

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	વિષયાની વિગત.
2	Nov. 2020	પ્રારંભાવળી
3	Dec. 2020	ઉદ્દેશ.
4	Jan. 2021	વિષયાચે માચદે.

5	Feb.2021	વિશ્લેષણ
6	April 2021	સવિસ્તર ચર્ચા.
7	May 2021	વિષયાંતે નિષ્કર્ષ
8	June 2021	સારાંશ રજુ
9	July 2021	

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College,
Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - chobe S.M. **Department -** Sociology

Class - B.A.T.Y. **Paper –** XI & XV Social Problems in India, Social Disorganization in contemporary India

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	भ्रष्टाचार आणि गुन्हेगारी भ्रष्टाचाराचे स्वरूप आणि कारणे. पांढरपेशीय गुन्हेगारी
2	Nov. 2020	भ्रष्टाचार आणि गुन्हेगारी - आत्महत्या. भ्रष्टाचारावरील उपाय. भारतातील भ्रष्टाचाराचे स्वरूप.
3	Dec. 2020	विस्थापन आणि पुनर्वसन - विस्थापन आणि पुनर्वसन समस्या सेझ औद्योगिक प्रकल्पासाठी जमिन अधिग्रहण.
4	Jan. 2021	विस्थापन आणि पुनर्वसन - शेत जमिनीचे व्यावसायीकरण. असमानतेची समस्या - गरिबी. दुर्बल घटक. महिला.

5	Feb.2021	असमानतेची समस्या - ग्रामीण भारत विरुद्ध नागरी भारत. जागतिकीकरण आणि वाढती असमानता.
6	April 2021	सामाजिक विघटनाची समस्या - सामाजिक विघटनाचे स्वरूप सामाजिक विघटनाची कारणे
7	May 2021	हिंसा आणि सामाजिक गैरशिस्त. ~~दंगली~~ महिलांवरील अत्याचार भारतातील दहशतवाद.
8	June 2021	हिंसा आणि सामाजिक गैरशिस्त. भारतातील नक्षलवादाची समस्या. प्रादेशिकवाद - भारतातील विकासाचा प्रादेशिक असमतोल.
9	July 2021	प्रादेशिकवाद - प्रादेशिकवाद समस्यावरील उपाय. प्रादेशिक असमतोलाचे विश्लेषण.

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College,
Kada, Tal Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name - Chobe S.M. **Department -** Sociology.

Class - B.A.S.Y. **Paper –** VI & VIII Contemporary Urban Issues.
Sociology of Development.

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2020	નાગરિકરણ - નાગરિકરણાचा અર્થ, વૈશિષ્ટ્ય. શહેરांचा ઉદય આણિ વિકાસ સ્થળાંતર
2	Nov. 2020	નાગરીતील સમસ્या - બેરોજગારી, દારિદ્ર્य ગુન્હેગારી, સોપડપટ્टी બાल ગુન્હેગારી
3	Dec. 2020	નાગરી નિયોજન. — ઘરांचे નિયોજન આણિ સોપડપટ્टी નાગરી સોયીસુવિધા
4	Jan. 2021	જાગતિકીકરણ આણિ નાગરી વદત - જાગતિકીકરણાचा શહેરાવરીल આણિ નગર નિયોજનાવરીल પરિણામ.

5	Feb.2021	જાગતિકીકરણ આણિ નાગરિકવર્ગ - - મોઠે પ્રકલ્પ. - જવાહરલાલ નેહરુ નાગરી પુનરુત્થાન કાર્યક્રમ.
6	April 2021	વિકાસ સંબંધિત સંકલ્પનાત્મક દૃષ્ટિકોન - વિકાસ આણિ અધોવિકાસ નિરંતર વિકાસ. સામાજિક આંકેક્ષણ.
7	May 2021	વિકાસ પ્રશ્ન - વિકાસ આણિ સામાજિક આર્થિક વિષમતા લિંગ આણિ વિકાસ. દુર્બલ ઘટકાંચ્યા સમસ્યા.
8	June 2021	વિકાસ દૃષ્ટિકોન - માંડવલવાદી દૃષ્ટિકોન. સમાજવાદી દૃષ્ટિકોન સંમિશ્ર માર્ગ.
9	July 2021	વિકાસાચા ભારતીય અનુભવ. સરકારી યોજના. ઉદારિકરણ. સ્વાજગીકરણ. જાગતિકીકરણ. મરાઠવાડ્યાચે વિકાસાત્મક પ્રશ્ન.

Shri Amolak Jain Vidya Prasarak Mandal's Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal.Ashti, Dist. Beed

Month Wise Teaching Plan 2020-2021

Teacher Name – Waghule Vilas Tukaram

Department- BCA

Class-F.Y BCA (SEM-I)

Paper – III(BUISNESS STATISTICS)

Sr. No	Month	Topic/ Practical's to be Completed
1.	Oct. 2020	Introduction ,Origin and Growth of Statistics, Definition,Function,Scope and Limitations,OrganisingStatestical survey, planning the survey,scope of survey, techniues of data collection
2.	**Nov.2020**	Sampling and sample design classification and and Tabulation of data, Measure of Central Value-mean
3.	**DEC.2020**	Measure of Central Value-Mode, Median
4.	**JAN.2021**	Measure Of Dispersion-Range ,QuirtileDeviation, Mean Deviation ,Standard Deviation.
5.	**Feb.2022**	Correlation Of Analysis:Introduction,Utility of the study of corrletion,correlation and caussion,Types of correlation-positive and negative correlation, karls persons coefficient ofcorrelation

Teacher Name – Waghule Vilas Tukaram

Department- BCA

Class-F.Y BCA (SEM-II)

Paper – IX(MATHEMATICS)

Sr. No	Month	Topic/ Practical's to be Completed
1.	April.2021	Logarithms, rules for multiplication division and exponentiation
2.	May.2021	Permutation combination and binomial theorm
3.	June.2021	Different methods of calculating determinant
4.	Jully.2021	Matrix-representation ,addition substraction multiplication and division ,inverse transpose,adjoint-cofactor,singular array -vector

Teacher Name – Waghule Vilas Tukaram

Department- BCA

Class-S.Y BCA (SEM-III)

Paper – XVI(DBMS)

Sr. No	Month	Topic/ Practical's to be Completed
1.	Oct. 2020	Introduction(Theory):Data,Tables,DBMS,CharacteristicsofDBMS,needofDBMS, attributes,entity, E-R Diagrams, relationships, ODBMS, Two tier and three tier architecture,
2.	Nov.2020	Transactions (Theory) : Concept of transaction, ACID properties, Transactionand system concepts, States of transaction, Serializibility, backup andrecovery.
3.	DEC.2020	Concurrency (Theory) : Concurrent trnsactions, Two — phaselockingtechni9ues, Concurrency control, Locking techniques, E-R Diagram,Deadlock
4.	JAN.2021	Normalization (Theory) :E.F. Codd rules, Normal forms based onprimary keys(1 NF, 2 NF, 3 NF,BCNF)
5.	Feb.2022	MS-Access (Theory/ Practical) : Primary Key, Foreign Key, Creating tables inMS-Access, creating primary key, foreign key and create queries to fetchdata

Teacher Name – Waghule Vilas Tukaram

Department- BCA

Class-S.Y BCA (SEM-III)

Paper – XVIII(DataStructureandAlgorithm)

Sr. No	Month	Topic/ Practical's to be Completed
1.	Oct. 2020	**Introduction to Data** Structure Introduction to Data Structure : Types , Primitive,Secondary, Simple Compound , Linear and Non Linear Data Structure
2.	Nov.2020	**Linear Data Structure** : Linear Data Structure : Array , Linked List , Queue, Stncks, Operations on linear Data Structure, Memory Representation of Linear Data Structure
3.	DEC.2020	**Non Linear Data Structure** : Non Linear Data Structure : Tree , Graphs, Binary Tree Structures , Networks, Operations on Non Linear Data Structure, Implementation of Data Structure in computer memory
4.	JAN.2021	Algorithms : Algorithm Concept, Features & Characteristics, Designing of Algorithm for Insertion &Deletion of Records in Array, Linked List, Stack, Queue , Traversal of Linked List, Stack, Queue , Binary Tree
5.	Feb.2022	**Graph Theory and Sorting** : Graph Theory : Terminology, Sequential Representation of Graph, Adjacency Matrix , Linked List Representation of Graph, Operations on Graph , Traversing Graph, BubbteSort , Selection Sort, Merge Sort and Insertion Sort

Teacher Name – Waghule Vilas Tukaram

Department- BCA

Class-S.Y BCA (SEM-IV)

Paper – XXIV(Advance Networking)

Sr. No	Month	Topic/ Practical's to be Completed
1.	April.2021	**Basicsof Computer Networks**- ComputerNetwork, Definition,Goals,Applications,Structure,Components,Topology- Bus, Star, Ring, Mesh, Types of Networks , LAN, MAN, WAN, Internet,Broadcast&Point-To-Point NetworkscommunicationTypes - Serial, Parallel,Modesof Communication : Simplex , Half Duplex , Full Duplex , Server Based LANs &Peer-to-Peer LANs ,Comparison ofboth,Protocolsand Standards
2.	**May.2021**	Network Models - Design issues of the layer, Protocol Hierarchy ,ISO-OSI Reference Model - Layers in the OSI Model , Functions of each layer, Terminology, SAP , Connection Oriented services, connectionless services , Peer Entities
3.	**June.2021**	Internet Model (TCP/IP) , Comparison of ISO-OSI &TCP/IP Model , Addressing - Physical Addresses , Logical Addresses ,Port Addresses**Transmission Media** - Guided Media(Wired), Coaxial Cable, Twisted Pair,FiberOptics Cable , Unguided Media(Wireless

4.	**Jully.2021**	**Network Connectivity Devices** - Categories of ConnectivityDevices, Passive &Active Hubs, Repeaters, Bridges, Transparent Bridges(Loop Problem, Spanning Tree) , Source Routing Bridges, Switches Router, GatewaysNetwork Security Devices Firewalls, Packet-Filter firewall, Proxyfirewall

Teacher Name – Waghule Vilas Tukaram

Department- BCA

Class-T.Y BCA (SEM-V)

Paper – XXIX(Software Engineering)

Sr. No	Month	Topic/ Practical's to be Completed
1.	Oct. 2020	Overview of system analysis and design concept: types of information system, system development life cycle, role and skills of system analyst,models:1) waterfall model 2) prototyping 3)WIN-WIN SPIRAL 4)RAD 5) group based approach 6) object oriented methodology
2.	**Nov.2020**	A) Current trends in software engineering : software engineering for projects and products 2.introduction to web engineering and agile process

		B) INFORMATION REQUIREMENT ANALYSIS:1)Desion analysis tool: decision tree, decisiontable, structured English 2) FDD 3) Process modeling with case studies on decision analysis tools,FDD's DFDS should be covered
3.	**DEC.2020**	Software analysis: requirement engineering feasibility study : economical,operational,social,technical;requirementelicitation;Requiement analysis; Requirement Validation andManagement,SizeEstimation,Cost Estimation Model;COCOMOCOCOMOII,Software risk management. Activities in requirement Determination: requirement anticipation b) requirement Investigation, requirement specification
4.	**JAN.2021**	Software requirement specification (SRS): Structure and contents of the requirement specification analysis modeling, types of requirement- functional non functional, quality criteria, requirement definition,SRSFORMAT,Fundamental problems In defining requirement structured and standerd followed for SRS. Charactristics of good SRS-Unambigious,complete,verifiable,constient,modifiable,traceable,usable during maintance
5.	**Feb.2022**	Maintance: Types of Maintance,MaintanceCost, ReverseEngineering, introduction to legacy system, Documentation-Types ,Role of documentation Mantaince

Teacher Name – Waghule Vilas Tukaram

Department- BCA

Class-T.Y BCA (SEM-VI)

Paper – XXXII(ANDROID 9)

Sr. No	Month	Topic/ Practical's to be Completed
1.	April.2021	Environment Setup: Developing for android installing android SDK,installing updates of android SDK, android development tool(ADT) plugin, developing with elipse, create android application, create android virtual device and architecture: Linux kernel, libriries,android runtime, android framework.
2.	**May.2021**	Application Components: Application components activities, services broad cast receiver, content providers, anatomy of android application, the Main activity file, the manifest file , the string file, the R file, the layout file , Running the application. Types of Android Application:Fore ground application, background application. Intermittent application.
3.	**June.2021**	Resources organizing and accessing : alternative resources , accessing resources, the Dalvik Debug Monitor Services, the android debug bridge. UI Layouts: Android Layout Types, Relative layout attributes, grid view attributes , sub activates, layout attributes ,view identification, UI controls ,Android UI controls ,text view attributes, button attributes , image button attributes, check box attributes, toggle button attributes, radio button attributes, radio group attributes.
4.	**Jully.2021**	Intents and filters: intent object, action android

		intent standard, action, category, data, Extras, Flags Component name , types of intent, explicit intent implicit intent, Externalizing Resources, android application life cycle. Fragments: creating new fragments , fragment life cycle, fragment states, Adding fragments activities. Event handling: event listener , event handler, event listeners registration, styles and themes, defining styles, using styles inheritance, android themes, default styles and themes, custom components, creating a simple custom components.

Teacher Name – Waghule Vilas Tukaram

Department- BCA

Class-T.Y BCA (SEM-VI)

Paper – XXXV(SOFTWARE TESTING)

Sr. No	Month	Topic/ Practical's to be Completed
1.	April.2021	Fundamentals of testing: what is testing, typical objectives of testing, testing and debugging, why is testing necessary? , testing contribution to success, quality assurance and testing, Errors defects and failures, defects root causes and effects, seven testing principles, test process and context test activities and task, test work products, traceability between test basis and test work products, the psychology of testing ,human phycology and testing, tester and developer mind set.
2.	**May.2021**	Testing throughout software development life cycle: software development life cycle model, software development and

		software testing, software development life cycle context, test levels , component testing, integration testing , system testing, acceptance testing , test types, functional testing ,non-functional testing, white box testing change related testing, test types test levels, maintenance testing, triggers for maintenance , impact analysis for maintenance.
3.	**June.2021**	Static testing, static testing basics, work products that can be examined static testing, benefits of statics testing, difference between static and dynamic testing , review process, work product review process, roles and responsibility in formal review, review types, applying review techniques, success factors for review, test techniques, categories of testing techniques, choosing testing, categories of testing techniques and their categories, black –box test techniques, equivalence partitioning ,boundary value analysis, decision table testing, state transition testing ,use case testing, white box test techniques, statement testing and coverage , decision testing and coverage, the value of statement and decision testing,
4.	**Jully.2021**	Experienced based test testing: error guessing, expletory testing , check based testing, test case: what is test case, how to write effect test case, features of good test case, format for manual test case writing, case studies should be covered for manual test case writing.

Shri Amolak Jain Vidya Prasarak Mandal's
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Monthly Teaching Plan 2019-2020

Important Days to be Remembered

10th Jan	-	World Laughter Day
11th Jan	-	Lal Bahadur Shastri Smriti Din
12th Jan	-	Swami Vivekanand Jayanti / National Youth Day
14th Jan	-	**Dr. B. A. M. U. Aurangabad Nam Vistar Din / Geography Day**
23rd Jan	-	Netaji Subhashchandra Bose Jayanti
26th Jan	-	**Republic Day of India**
28th Jan	-	Lala Lajpatrai Jayanti
30th Jan	-	**Hutatma Din - Mahatma Gandhi Smriti Din**
19th Feb	-	**Chhatrapati Shivaji Maharaj Jayanti** (As per Govt. Gazett.)
23rd Feb	-	Saint Gadge Maharaj Jayanti
27th Feb	-	Marathi Rajbhasha Day
28th Feb	-	National Science Day / Dr. Rajendra Prasad Smriti Din
1st March	-	World Civil Defence Day
8th March	-	World Women's Day
10th March	-	Savitribai Phule Smriti Din
15th March	-	World Customer Day
16th March	-	World Handicaped Day
21st March	-	World forestry Day
22nd March	-	World Water Day
28th March	-	Anand Rishiji Smriti Din
7th April	-	World Health Day
11th April	-	Mahatma Jotiba Phule Jayanti
14th April	-	**Dr. Babasaheb Ambedkar Jayanti**
16th April	-	Chhatrapati Shivaji Maharaj Punyatithi
22nd April	-	World Vasundhara Day
1st May	-	**Maharashtra Day / Kamgar Din**
8th May	-	Ravindranath Tagore Jayanti / World Red - Cross Day
11th May	-	National Technology Day
17th May	-	World Door Sanchar Day
21st May	-	World Terrorism and Violence Irradication Day
27th May	-	Pandit Jawaharlal Nehru Smriti Din
31st May	-	World Anti Tobacco Day

PERSONAL TIME TABLE 2019-2020

Period No.	Time	Class	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	9.20 to 10.10	BA III	His-IX	His-IX	His-IX			
2	10.10 11.00	BA II				His-V	His-V	His-V
3	11.00 11.50	BA I A+B	His-I	His-I	His-I			
4	11.50 12.40							
5	12.40 1.30	BA III BA II					His-IX	His-V
6	1.30 2.20	BA I BA III	His-I		His-SP-XI	His-SP-XI		
7	2.30 3.10	BA II	His-SP-XI	His-SP-XI				
8								
9								
10								

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Sem I

Class BA I ..... Paper (I) Shivaji and his Times - 1630 to 1707

Sr. No.	Month	Topics / Practicals to be Completed
1	July - 2019	I मराठी सत्तेचा उदय - महाराष्ट्राची भौ. परिस्थिती सामाजिक व आर्थिक स्थिती, संतांचे कार्य II शिवाजीचा प्रारंभिक मोहिमा - स्वराज्याचा संकल्प, तोरणा सिंकला, बफातलखान प्रकरण सरदेसाई, शिवाजी सावंत, पन्हाळा वेढ्यातून सिंकला.
2	August - 2019	III शिवाजी मुघल संबंध - शाहिस्तेखानची स्वारी, डायसिंगाची शिवाजी विजयवृत्तांतेतील पुरंदरचा तह, शिवाजीची आग्रा भेट, आग्रा येथून शिवाजीची सुटका IV शिवाजीचा राज्याभिषेक आणि दक्षिण मोहिम राज्याभिषेकाचा अर्थ, कर्नाटक मोहिम, मोगलांशी पुनर्युद्ध बहना, कर्नाटक विजयाचे परिणाम
3	Sept - 2019	V. छत्रपती संभाजी - दक्षिण मोहिम, कर्नाटक संघर्ष, संभाजीचा वध VI मराठ्यांचे स्वातंत्र्ययुद्ध - स्वातंत्र्य युद्धाचे महत्व, संभाजी औरंगजेब संघर्ष
4	Oct - 2019	VII शिवकालीन प्रशासन - केंद्रीय व्यवस्था, सभासद बखर, लष्करी प्रशासनातिकांचे महत्व

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Sem III

Class BA II ..... Paper (V) History of Early India (BC 300 upto)

r. No.	Month	Topics / Practicals to be Completed
1	June - 2019	I साधने - अ) धार्मिक व निधर्मी साहित्य परकिय साधने ब) पुरातत्वीय व लोककलात्मक साधने.
2	July - 2019	II अ) ऋग्वैदिन संस्कृती - ऋग्वैदिन संस्कृती, ब) उत्तर वैदिन संस्कृती - मूल्य केंद्र स्वरूपाचा सामाजिक व आर्थिक, आर्थिक जीवन.
3	August - 2019	III नैतिक संस्कृती - बौद्धिक धार्मिक पूर्ववैदिक कालखंड, सामाजीवन, अर्थव्यवस्था धार्मिक जीवन, उत्तर वैदिक कालखंड, राजकीय सामाजिक जीवन, आर्थिक व धार्मिक जीवन.
4	Sept - 2019	IV धार्मिक चळवळ (अ) पार्श्वभूमी, जैनधर्म बौद्धधर्म, (ब) तत्वज्ञान - उपनिषदे, षड्दर्शन, लोकायत चार्वाक V - (अ) ईतपद व महाकाव्ये - महाभारताचा उदय.
5	Oct - 2019	V (ब) मौर्य कालखंड - चंद्रगुप्त मौर्य, अशोक, मौर्यकालीन अर्थव्यवस्था, प्रशासकीय व्यवस्था, कला स्थापत्य

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Sem-V

Class BA III Paper (IX) Historiography

Sr. No.	Month	Topics / Practicals to be Completed
1	June - 2019	I इतिहास - व्याख्या, स्वरूप, त्याची उद्दिष्टे प्रकार. इतिहास एक शास्त्र, इतिहास एक कला.
2	July - 2019	II इतिहास व इतर ज्ञानाच्या इतर शाखा - इतिहास व पुरातत्वशास्त्र, मानववंशशास्त्र, भूगोल, समाजशास्त्र राज्यशास्त्र, अर्थशास्त्र, व इतर सामाजिकी शास्त्रांशी संबंध.
3	August 2019	III इतिहासाची साधने - साधनांचे वर्गीकरण साधनांचे मूल्यमापन, साधनांची विश्वासार्हता IV इतिहासातील आधुनिक तत्वचिंतक — रँके, हेगेल, कार्ल मार्क्स टॉयंबी.
4	Sept 2019	V - भारतीय इतिहासातील प्रमुख प्रवाह- वसाहतवादी, राष्ट्रवादी, मार्क्सवादी, सबाल्टर्न. VI इतिहासाचे सदुपयोग.
5	Oct - 2019	VII इतिहास संशोधनाच्या विविध पद्धती.

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Sem-V

Class BA III Paper (XI) History of India (AD 1757-1885)

r. No.	Month	Topics / Practicals to be Completed
1	June - 2019	I, १८व्या शतकातील भारतातील राजकीय, आर्थिक व सामाजिक स्थिती, भारतात पसरत्या इंग्रांचे उदय; पोर्तुगीज, डच, फ्रेंच, आंग्ल-फ्रेंच संघर्ष
2	JULY - 2019	II भारतात ब्रिटिश सत्तेचा चौफेर विस्तार — बंगाल, पंजाब, अवध, म्हैसूर, मराठा-ब्रिटिश संघर्ष.
		III ब्रिटिशांची भारतातील प्रशासन-रचना व्यवस्थापन व्यवस्था, सैन्यविषयक धोरण, पोलीस, आणि ब्रिटिश शिक्षणविषयक कार्य
3	August - 2019	IV ब्रिटिश काळातील भारतीय कृषी विषयक, ग्रामीण अर्थव्यवस्था, कायमधारा पद्धती. रयतवारी, महालवारी पद्धत (ii) हस्तव्यवसाय व कुटीर उद्योग पतन (iii) रेल्वे, पक्के इतिहास सुधारणा (iv) मोठे उद्योग, कापूस, लोखंड वर्गीकरण व्यापार व्यवस्था)
4	Sept -2019	V सामाजिक आणि धार्मिक सुधारणा चळवळ — ब्राह्मोसमाज, सत्यशोधक समाज, आर्यसमाज प्रार्थना समाज,
		VI ब्रिटिशांचा भारतातील वसाहतवाद — पार्श्वभूमी - स्वरूप - वसाहतवादाचे उदय. (i) 1857 चा उठावाचे स्वरूप - कारणे परिणाम, व्याख्येत गट, पराभवाची कारणे
5	Sept - 2019	VII भारतीय राष्ट्रीय काँग्रेस सत्ता स्थापने आधीची पार्श्वभूमी, राजकीय वर्तुळात भारतीय राष्ट्रीय काँग्रेसची स्थापना, अधिवेशन व वाटचाल

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN Sem II

Class BA I Paper (III) History of Marathas - 1707 - 1818

Sr. No.	Month	Topics / Practicals to be Completed
1	Nov - 2019.	I छत्रपतीकडून पेशव्यांकडे सत्तेचे हस्तांतरण- कारणे, छत्रपती शाहू, बाळाजी विश्वनाथ
2	Dece - 2019	II पेशवा बाजीराव पहिला व मराठा सत्तेचा विस्तार-
		III पानिपतचे तिसरे युद्ध - पार्श्वभूमी कारणे, परिणाम, पानिपत युद्धाच्या अपयशाची कारणे.
3	Jan - 2020	IV. मराठा सत्तेचे पुनरुज्जीवन - पेशवा माधवराव, महत्व.
		V - इंग्रज मराठा संबंध - इंग्रजांचा साम्राज्य विस्तार - दुसरे इंग्रज मराठा युद्ध - इंग्रज पोसले, होळकर व शिंदे संबंध.
4	Feb - 2020	VI मराठा सत्तेचा अस्त - कारणे, परिणाम, मूल्यमापन.
		VII पेशवेकालीन प्रशासन - प्रांत. शिस्त आणि न्यायव्यवस्था.
5	March - 2020	VIII पेशवेकालीन व्यापारव्यवस्था व सीमा व्यवस्था.

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MONTH WISE TEACHING PLAN Sem - IV

Class BA II Paper (VIII) History of India - B.C. 300 - AD 650

Sr. No.	Month	Topics / Practicals to be Completed
1	NOV - 2019	I साधने - वाङ्मयीन आणि पुरातत्वीय साधने
2	Dec - 2019	II राजकीय घडामोडींचा संक्षिप्त आढावा - शुंग व कण्व, सातवाहन, पश्चिमी क्षत्रप, संगम कालखंड, गुप्त कालखंड, वाकाटक राजवंश, हर्षवर्धन.
3	Jan - 2020	III सामाजिक आर्थिक जीवन - समाजरचना सामाजिक परंपरा, शिक्षण, स्त्रियांचा दर्जा. आर्थिक स्थिती व नागरीकरण.
		IV - धार्मिक जीवन - जैनधर्म, बौद्धधर्म शैव पंथ, व वैष्णव पंथ.
4	feb - 2020	V कला व स्थापत्य विकास - मंदिरस्थापत्य, विविध प्रादेशिक स्थापत्यांचा विकास.
5	march - 2020	VI भाषा व साहित्य - संस्कृत संगम.

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MONTH WISE TEACHING PLAN sem - VI

Class BA III Paper (XIII) Fields of History (Archaeology, museology and Tourism)

Sr. No.	Month	Topics / Practicals to be Completed
1	Nov - 2019	I पुरातत्व विद्या - पुरातत्व विद्येचा विकास, व्याख्या, अभ्यासाचे कालखंड, पुरातत्व विद्येची उद्दिष्टये, इतर शास्त्रांशी संबंध, भारतीय पुरातत्व शास्त्रांचा विकास
2	Dec - 2019	II पुरातत्व विश्लेषण प्रक्रिया - पुरातत्वीय स्थळांचा शोध, पुरावशेषांचे संकलन, वर्गीकरण,
3	Jan - 2020	III वस्तुसंग्रहालय - वस्तुसंग्रहालयाची व्याख्या, स्वरूप, भारतीय वस्तू संग्रहालये, खाजगी वस्तू संग्रहालये, सेवक वर्ग, छायाचित्रे वस्तूंची सुची, नकलीकरण, स्वरूप आणि प्रकार
4	feb - 2020	IV पर्यटन - पर्यटनाची उद्दिष्टये, व्याप्ती, पर्यटन विकासाचा इतिहास, महत्व, सद्यस्थिती ऐतिहासिक पार्श्वभूमी
5	March - 2020	V पर्यटनाचे स्वरूप आणि प्रकार - स्वदेशी पर्यटन, प्रादेशिक पर्यटन, राष्ट्रीय व आंतरराष्ट्रीय पर्यटन, तीर्थ पर्यटन,

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MONTH WISE TEACHING PLAN sem - VI

lass BA III Paper (XV) Glimpses of the history of Marathwada

r. No.	Month	Topics / Practicals to be Completed
1	NOV - 2019	I. मराठवाड्याचा राजकीय इतिहास - मराठवाड्याचा इतिहासाची साधने, भौ. परिस्थिती, मराठवाड्याच्या प्रमुख इतिहासाचा आढावा सांस्कृतिक वैभव -
2	Dec - 2019	II - मराठवाड्यातील धार्मिक चळवळी - कामलवाद - बौद्धधर्म, जैनधर्म, महानुभवपंथ, वीरशैव, भक्तीचळवळ, संतांचे कार्य,
3	Jane - 2020	III मराठवाड्यातील कला आणि स्थापत्य - लेणी, मंदिरे व शिल्पे. (नमुना अभ्यास)
4	feb - 2020	IV Nature of the Rule of Nizam of Hyderabad and early struggles against Nizam.
5	March - 2020	V हैदराबाद मुक्ती संग्राम - 1937 to 1948, स्टेट कॉंग्रेस, आर्यसमाज चळवळ, वंदेमातरम्, रझाकार संघटना, स्वामीरामानंद तिर्थ आणि ओरसाग, सरदार वल्लभभाई पटेल - पोलीस ऐक्शन, संग्रामातील विविध घटना व त्यांचा कार्य

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Smt. S. K.

MONTH WISE TEACHING PLAN 2019/2020

Class F.Y. B.A. Paper (I, II, III) कादंबरी साहित्य आणि कथा साहित्य

Class S.Y.

Sr. No.	Month	Topics / Practicals to be Completed
1	जुलै	केशवसुत यांच्या निवडक कविता
2	ऑगस्ट	कुसुमाग्रज यांच्या कविता.
3	सप्टेंबर	नारायण सुर्वे यांच्या कविता
4	ऑक्टोबर	नामदेव ढसाळ यांच्या निवडक कविता
5	नोव्हेंबर	सत्या पावसाळ्यातील एक रात्र.
6	डिसेंबर	भोमका, अंतऋणाचे रत्नदीप, नदीकाठचा प्रकार.
7	जानेवारी	आपण मागसात जमा नाही, चोखी आम्ही.
8	फेब्रुवारी	गांधीजी 2001, देवी.
9	मार्च	तीन पावले दान.

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MONTH WISE TEACHING PLAN 2019/2020

Class F.Y.B.Com Paper (SL) ललित - पद्य व उपयोजित मराठी

Sr. No.	Month	Topics / Practicals to be Completed
①	जुलै	समीक्षा स्वरूप, अर्जदास, थुकी आतील रत्न, आनंद ओघिया, राजाची कर्तव्य
②	ऑगष्ट	डिजाऊ आमची सून जाली, पूर्वभाग्यदिशा तुझी सदाचरणाने बागा, पाऊसदेवा.
③	सप्टेंबर	ऐसे कैसेया गोपाळे, कुकर्म शुभ्रमी मुक्त नाही रे, कुरुचळ भूमीवरी उगवली तुलसी मन करा रे प्रसन्न
④	ऑक्टोबर	लेखन विषयक नियम, विराम चिन्हे, तुरुचा पुतीचे सत्यागृही व्यसव.
⑤	नोव्हेंबर	भाषांतर
⑥	डिसेंबर	निर्सिरास, नवमहाराष्ट्र गीत, देशाचे अर्थतत्व कुलकीन, शेवटचे किर्तन
⑦	जानेवारी	लोकमाता हिच शानभाला, कोवळे मरण गिरोणा, आई, भूक, व्याप:.
⑧	फेब्रुवारी	मल्लीकुटा लुटीचा सिंग लघालपुरा संवादलेखन, उगवत्तेचे निकष, बीरसा मुंडा, घोकवाक्य, जाहिरात.
⑨	मार्च	काम असत तेम ग्लोबल मेंढरी नसती ढिगी अत्वाल लेखन

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विषयाचे नाव - ① मराठी भाषा आणि वाणिज्य
② व्यवसायीक मराठी आणि

S.K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kad

MONTH WISE TEACHING PLAN 2019 | 2020

Class F.Y. B.COM. Paper (52) ~~सत्र~~ वर्ष ~~& उपस्थिति~~

Sr. No.	Month	Topics / Practicals to be Completed
①	जुन	भाषा आणि भाषा शिक्षण
②	जुलै	व्यापार व्यवहारातील वाचन संस्कृती
③	ऑगस्ट	पत्रलेखन तंत्र स्वरूप व महत्व
④	सप्टेंबर	जागतीकीकरणात मराठी भाषेचे महत्व
⑤	ऑक्टोबर	निबंधलेखन
⑥	नोव्हेंबर	निबंधलेखन
⑦	डिसेंबर	कार्यालयीन लेखन तंत्र अनुवाद तंत्र, स्वरूप आणि उपयोजन
⑧	जानेवारी	वाणिज्य व्यवसाय व माध्यम
⑨	फेब्रुवारी	वाणिज्य व्यापाराची सहाय्यभूत साधने
⑩	मार्च	व्यापाराला मदत करणारी साधने

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MONTH WISE TEACHING PLAN 2019/2020

Class S.Y.B.A. Paper (प्र, द्वि.) आधुनिक मराठी वाङ्मयाचा इतिहास

Sr. No.	Month	Topics / Practicals to be Completed
①	जुन	इ.स. 1800 ते इ.स. 1874 या कालखंडातील सामाजिक व सांस्कृतीक पार्श्वभूमी.
②	जुलै	निबंध स्वरूप विशेष
③	ऑगष्ट	कथा वाङ्मयाचे स्वरूप विशेष.
④	सप्टेंबर	कांदबरी वाङ्मय.
⑤	ऑक्टोबर	कादंबरी वाङ्मय विशेष
⑥	नोव्हेंबर	नाट्य वाङ्मयाचे स्वरूप विशेष
⑦	डिसेंबर	काव्य वाङ्मयाचे स्वरूप विशेष
⑧	जानेवारी	काव्य वाङ्मयाचे स्वरूप विशेष
⑨	फेब्रुवारी	चरित्र वाङ्मयाचे स्वरूप विशेष
⑩	मार्च.	आत्मचरित्र वाङ्मयाचे स्वरूप विशेष

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MONTH WISE TEACHING PLAN 2019/2020

Class T.Y.B.A. Paper (~~CP~~ XI, XII) मध्ययुगीन मराठी वाङ्मयाचा इतिहास

Class ....

Sr. No.	Month	Topics / Practicals to be Completed
(1)	जुन	मराठी आरंभकाळ व मुकुंदराज
(2)	जुलै	महानुभव पंथ व त्यांचे वाङ्मयीन कार्य
(3)	ऑगस्ट	वारकरी संप्रदाय व त्यांचे वाङ्मयीन कार्य.
(4)	सप्टेंबर	ब्राह्मणेतरकालीन मराठी साहित्य.
5)	ऑक्टोबर	संत तुकाराम आणि संत रामदास
(6)	नोव्हेंबर	पंडिती साहित्याची ओळख करून देणे.
(7)	डिसेंबर	पंडिती साहित्य प्रेरणा स्वरूप व वैशिष्ट्ये

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MONTH WISE TEACHING PLAN 2019/2020

Class T.Y.B.A. Paper (~~XI~~ OP ~~XV~~) मध्ययुगीन मराठी वाङ्मयाचा इतिहास

Sr. No.	Month	Topics / Practicals to be Completed
(8)	जानेवारी	शाहिरी वाङ्मय प्रेरणा व स्वरूप, वैशिष्ट्ये.
(9)	फेब्रुवारी	बखर वाङ्मय प्रेरणा व स्वरूप वैशिष्ट्ये.
(10)	मार्च	पेशवेकालीन बखरीचा परिचय कमल देवी.

2019 - 2020

S.K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

पदवी वर्ग — नाट्यशास्त्र साहित्य

Class T.Y.B.A. Paper (II)

Sr. No.	Month	Topics / Practicals to be Completed
	जुलै	लेखक → शंकर गोविंद दिवाकर ① झालेला पतंग - पार्श्वभूमी प्रास्ताविक नाट्यशास्त्र साहित्याचे स्वरूप - नाट्यशास्त्र साहित्याचे सौंदर्य नाटकातील पात्र परिचय - पार्श्वभूमी आशयसौंदर्य - नाटकातील रूपरेषा
	ऑगस्ट	चिंगी माझ्याची झाली माती तोच लेखक - शंकर दिवाकर प्रस्ताविक, पार्श्वभूमी, स्वरूप नाट्यसौंदर्य, पात्रपरिचय - पार्श्वभूमी
	सप्टेंबर	ऊपरे → रा. रं. बोराडे नाटकातील पार्श्वभूमी, स्वरूप, नाट्यसौंदर्य, पात्रपरिचय नाटकातील रूपरेषा
	ऑक्टोबर	मुलगी झाली हो → ज्योती म्हापसेकर पार्श्वभूमी, प्रास्ताविक स्वरूप पात्रपरिचय, नाटकाची रूपरेषा
	नोव्हेंबर	यातना उत्सव (बापू घोले) ~~पार्श्वभूमी~~ पार्श्वभूमी स्वरूप नाट्यसौंदर्य, पात्रपरिचय रूपरेषा.

2019-2020

S.K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

दुरेरसत्र **MONTH WISE TEACHING PLAN** मुद्रीत माध्यमासाठी लेखन कौशल्ये (IV)

Class: F.Y.B.A. Paper: ~~I~~ II ~~IV~~

Sr. No.	Month	Topics / Practicals to be Completed
	डिसेंबर	वृत्तपत्राचे स्वरूप महत्व संपादकीय लेखन,
	जानेवारी	बातमी - तंत्र, महत्व व घटक लेखन बातमी लेखन, व्यक्ती लेखन, विषय - तंत्र, मुलाखत लेखन
	फेब्रुवारी	बातमीचे प्रकार व सामाजिक शैक्षणिक सांस्कृतिक राजकीय वैज्ञानिक बातमी संवाद लेखन - जाहिरात लेखन अग्रलेख वाचकांची पत्रे, निविदा तयार करणे
	मार्च	वाचकांची पत्रे. वाचक व वर्तमानपत्र - नातेसंबंध

पहिले सत्र (2019-2020)

S.K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN (सुनियोजित)

Class SY.BA ..... Paper (इ८) ...मराठी व पद्य व उपयोजित मराठी

Sr. No.	Month	Topics / Practicals to be Completed
	जून	छ. शिवाजी महाराजांच्या कार्याचे स्वरूप निकर्ष - सुनीती इर्लेकर
	जुलै	लोक संस्कृती व जागतिकीकरण - ह. ता. थोरात परिभाषा - तंत्र व स्वरूप आकाशवाणी - सदानंद शिंगणारे
	ऑगस्ट	① सारथा घरालाच लागली वाळवी ② मरणान डाव साधला - सौ. सिंधुताई सपकाळ ③ आकाशवाणी - प्रसार माध्यम लेखन तंत्र व उपयोजन
	सप्टेंबर	कुणबी पाऊस - अनिल गव्हाणे लोकराजे मा. रयाक्षदार पवार साहेब प्रा. लक्ष्मण दोबक पुस्तक - परिचय - तंत्र व परिचय
	ऑक्टोबर	वही - सुरेश पाटील अरबी द्वारा इन जाहेर पडताना - संजीवनी तडेगावकर जाहिरात - तंत्र व स्वरूप
	नोव्हेंबर	जाहिरात - तंत्र व स्वरूप नियोजन

दुसरे वर्ष (2019 - 2020)

S.K.Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN (साहित्यधारा)

Class S.Y.BA Paper (54) ग्राहक पेठ व जाहिरात

Sr. No.	Month	Topics / Practicals to be Completed
	डिसेंबर	- मिरगीचेर - विजय गावकर - संगणक क्षेत्रातील संकल्पना वारीस
	जानेवारी	- मराठी संगणकावरील उपयोग ~~संगणकावरील~~ संगणकाचा ~~संगणकावरील~~ चा प्रभाव - काहूर -> अंगली धानोरकर - गायरान -> एकनाथ शिंदे - भूक -> उमेश मोहिते
	फेब्रुवारी	- इंटरनेट - स्वरूप - कार्यप्रणाली - गर्भाशयात आसलाना - म.मो. जोशी - आवा -> शिवाजी पाटील - पाचटाचा मुलरवाल - कल्पना कुलकर्णी
	मार्च	- जागल - शिवाजी सरगर - कळकुची बाहुली - आरती रेवडकर - हिशोब चुकता करा - वि.स. खरात

2019-2020

S.K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

પહેલે સત્ર

Class T.Y.B.A Paper (17) ભારતીય સાહિત્યવિચાર

Sr. No.	Month	Topics / Practicals to be Completed
	જૂન → (1)	સાહિત્ય-વ્યાખ્યા આત્મા → આત્મા ની સંપૂર્ણ વ્યાપ્ત રસ ના અંગો રસ → નિષ્પત્તિ ના વિવિધ મતો ઔચિત્ય ની રસ
	જુલે -	સાહિત્યની પ્રયોજનો → આત્મા ની અનુભૂતિ સામાન્યના પ્રયોજનવિચાર પ્રયોજન → ગ્રંથની અર્થપ્રાપ્તિ અને વ્યવહારજ્ઞાન અર્થપ્રાપ્તિ ની સાંપ્રદાયિક ઉપદેશ
	ઑગસ્ટ →	સાહિત્યની નિર્માણ પ્રક્રિયા પ્રતિભા, વ્યુત્પત્તિ અભ્યાસ
	સપ્ટેમ્બર	રસવિચાર - ભરતનો રસસૂત્ર શ્રીશંકુક અનુમાન, આભિનવ ગુપ્ત રસનિષ્પત્તિ, રસનિષ્પત્તિ
	ઑક્ટોબર →	ધ્વનિ ની અર્થવિચાર સાહિત્ય સંસ્કૃતિ - પરસ્પરસંબંધ

2019 - 2020

S.K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class T.Y.B.A ..... Paper (XIII) પાશ્ચાત્ય સાહિત્યવિચાર

Sr. No.	Month	Topics / Practicals to be Completed
	નોવેમ્બર	સાહિત્યાचे स्वरूप व्याख्या - डेफिनिट स्किल्स कोलरिज, कोहेरेंट वर्डस्वर्थ कॉर्ट मॅथ्यू लक्षणे -> कल्पना, भावना, बुद्धी, उपयुक्तता, शैली
	डिसेंबर ->	साहित्याची प्रयोजने प्रयोजने -> पलायनवाद, स्वानंद, इतिहासापूर्वी आत्माविष्कार, उदबोधन विरेचन (ॲरिॲस्टॉटल) प्रकार
	जानेवारी -	साहित्याची निर्मिती प्रक्रिया सिग्मंड फ्राईड कार्ल युस्टाव्ह युंग प्रिस्कॉट कोलरिज डाबिन्ट मरे काव्यकार चांगी मते
	फेब्रुवारी	मार्क्सवादी साहित्यविचार कार्ल मार्क्सचा साहित्यविषयक दृष्टिकोण समाजवादी वास्तववाद प्रबोधनाची संकल्पना बांधिलकेची संकल्पना
	मार्च	साहित्य - समीक्षेचा पुरस्कृती मानवशास्त्रीय / समाजशास्त्रीय चरित्रात्मक / ऐतिहासिक मार्क्सवादी (चांगी उदाहरणे)

Days to be Remembered

- World Laughter Day
- Lal Bahadur Shashri Smriti Din
- Swami Vivekanand Jayanti / National Youth Day
- **Dr. B. A. M. U. A'bad. Nam Vistar Din** / Geography Day
- Netaji Subhashchandra Bose Jayanti
- **Republic Day of India**
- Lala Lajpatrai Jayanti
- **Hutatma Din - Mahatma Gandhi Smriti Din**
- **Chhatrapati Shivaji Maharaj Jayanti**
- (As per Govt. Gazett.)
- Saint Gadge Maharaj Jayanti
- Marathi Rajbhasha Day
- Nantional Science Day / Dr. Rajendra Prasad Smriti Din
- World Civil Defence Day
- World Women's Day
- Savitribai Phule Smriti Din
- World Customer Day
- World Handicaped Day
- World forestry Day
- World Water Day
- Anand Rishiji Smriti Din
- World Health Day
- Mahatma Jotiba Phule Jayanti
- **Dr. Babasaheb Ambedkar Jayanti**
- Chhatrapati Shivaji Maharaj Punyatithi
- World Vasundhara Day
- **Maharashtra Day / Kamgar Din**
- Ravindranath Tagore Jayanti /
- World Red - Cross Day
- National Technology Day
- World Door Sanchar Day
- World Terrorism and Violence Irradication Day
- Pandit Jawaharlal Nehru Smriti Din

PERSONAL TIME TABLE 2019, 2020

Period No.	Time		Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	9·20 - 10·10	B.A.I	S.L.	S.L.	S.L.	S.L.	—	—
2	10·10 - 11·00	B.A.I	OPt-II	OPt-II	OPt-II	OPt-II	—	—
3	11·00 - 11·50	B.A.III	—	—	—	OPt-XI, XV	OPt- XI, XV	OPt- XI, XV
4	11·50 - 12·40	B.A.II	—	—	—	—	OPt-VI VIII	OPt, VI VIII
5	12·40 - 1·30	B.A.III	—	OPt-XI, XV	—	—	—	—
6	1·30 - 2·20	B.A.II	—	—	OPt-VI, VIII	OPt-VI, VIII	—	—
7	2·20 - 3·10	B.A.III	S.P. IX, XIII	S.P. IX, XIII	S.P. IX, XIII	S.P IX, XIII	—	—
8								
9								
10								

2019 - 2020

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

सेम - I

Class B.A.I Paper (S.L.) सामान्य हिंदी - I

Sr. No.	Month	Topics / Practicals to be Completed
1	July	कथा संसार
2	August	कथा संसार
3	Sept.	कथा संसार
4	Oct.	हिंदी भाषा

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MONTH WISE TEACHING PLAN

सेम - II

Class B.A.I Paper (S.L.) सामान्य हिंदी - II

Sr. No.	Month	Topics / Practicals to be Completed
1	November	कथा संसार
2	December	कथा संसार
3	January	कथा संसार
4	Feburay	व्यावहारिक हिंदी
5	March.	व्यावहारिक हिंदी.

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MONTH WISE TEACHING PLAN

समी - 1

Class B.A. I ..... Paper (II) ..... नाटक साहित्य .....

Sr. No.	Month	Topics / Practicals to be Completed
1)	July	विजयपर्व (नाटक)
2)	August	विजयपर्व (नाटक)
3)	sept.	होरी (नाटक)
4)	Oct.	अलख आजादी की (नाटक)

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MONTH WISE TEACHING PLAN

समी - 3

Class B.A. II ..... Paper (VI) ..... प्रयोजनमूलक हिंदी - 1 .....

Sr. No.	Month	Topics / Practicals to be Completed
1)	June	हिंदी भाषा के विविध रूपों का परिचय हिंदी भाषा : स्वरूप एवं विकास
2)	July	हिंदी भाषा का मानकीकरण मानक हिंदी की विकास यात्रा
3)	August	देवनागरी लिपि : उद्भव और विकास
4)	Sept.	भाषा और लिपि प्रयोजनमूलक हिंदी स्वरूप एवं विशेषताएँ
5	Oct.	इलेक्ट्रॉनिक माध्यम और देवनागरी लिपि

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सेमी - 4

MONTH WISE TEACHING PLAN

Class B.A. II Paper (VIII) प्रयोजनमूलक हिंदी - II

Sr. No.	Month	Topics / Practicals to be Completed
1	Nove.	हिंदी भाषा के विविध रूपों का परिचय
2	December	पारिभाषिक शब्दावली राजभाषा हिंदी
3	January	राजभाषा के विभिन्न पहलुओं का परिचय
4	Febuary	प्रयोजनमूलक भाषा की भूमिका तथा परिचय. प्रयोजनमूलक हिंदी - लेखन पक्ष
5)	March	प्रयोजनमूलक अनुवाद की भूमिका तथा स्वरूप एवं समस्याएं. प्रयोजनमूलक अनुवाद

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सेमी - 5

MONTH WISE TEACHING PLAN

Class B.A. III Paper (XI) साहित्यशास्त्र भाग - 1

r. No.	Month	Topics / Practicals to be Completed
1)	June	साहित्य चिंतन का अध्ययन
2)	July	साहित्य का स्वरूप साहित्य के तत्व
3)	August.	साहित्यालोचन क्षमता का परिचय साहित्यसृजन के संस्कार
4)	Sept.	साहित्य प्रयोजन, साहित्य हेतु शब्दशक्ति विचार
5)	Oct.	रस विचार

MONTH WISE TEACHING PLAN

Class B.A. III Paper (XV) साहित्यशास्त्र भाग - II

No.	Month	Topics / Practicals to be Completed
	Novembar	अलंकार विचार
2	December	छंद विचार
3	January	विद्यार्थ्यांचे विवेचन
4	Febury	दृश्यकाव्य, श्रव्यकाव्य
	march	आलोचना तथा भेद

Dr. Gavhane V.B

MONTH WISE TEACHING PLAN

Class B.A. III Paper (IX) प्रादेशिक साहित्य

Sr. No.	Month	Topics / Practicals to be Completed
1	June	प्रादेशिक साहित्य का ज्ञान मराठी का कहानी साहित्य : सामान्य परिचय
2	July	प्रतिनिधि कहानियाँ : मराठी के संपा - प्रो माधव सोनटक्के
3	August	प्रतिनिधि कहानियाँ : मराठी
4	sept.	पराया - लक्ष्मण माने अनुवादक - दामोदर खडसे
5	Oct.	पराया का शिल्प विधान

Dr. Gavhane V.B

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College

MONTH WISE TEACHING PLAN

Class ...B.A.III... Paper (XIII) .....मध्यकालीन काव्य.....

Sr. No.	Month	Topics / Practicals to be Completed
1	Novembar	भक्तिकालीन काव्य : सामान्य परिचय मध्यकालीन काव्य - सूफी काव्य
2	December	भक्तिकालीन कविता : संवेदना
3	January	भक्तिकालीन कविता : शिल्पविधि
4	Febury	रीतिकालीन कविता : संवेदना
5	March	रीतिकालीन कविता : शिल्पविधि

VB

सत्र - 2019-20

Dr. Korade A.M.

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MONTH WISE TEACHING PLAN

Class F.Y.B.A. Paper (I, III) Micro Economics & Price Theory

Sr. No.	Month	Topics / Practicals to be Completed
1)	June Sem I	Introduction of micro Economics
2)	July	The law of Demand
3)	August	The Law of supply Behavior
4)	September	Theory of consumer Behavior
5)	october	Analysis of market Equilibrium
6)	November II sem	Theory of price Introduction
7)	December	Theory of production
8)	January	production cost & Analysis of Income
9)	February	Type of markets
10)	March	Distribution of production Events
	—	Extra Lecture In Economics

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MONTH WISE TEACHING PLAN

Class S.Y.B.A. Paper (V, VII) Macro Economics & public Econom

r. No.	Month	Topics / Practicals to be Completed
1)	June	macro Economics Introduction
2)	July	National Income
3)	August	Theory of money
4)	September	Employment and Income
5)	october	Theory of trade cycle
6)	November	Introducation of public finance
7)	December	public Revenue
8)	January	public Revenue & public fmce
9)	February	public debts
10)	March	Union Budget
11)		Extra Electars Economics

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MONTH WISE TEACHING PLAN

Class : TYBA Paper (IX, XIII) : International Economics & Research Methodology

Sr. No.	Month	Topics / Practicals to be Completed
1)	June	International Economics
2)	July	Importance of Trade and Trade Theories
3)	August	Gains from Trade
4)	September	Tariffs and Quatas
5)	October	Balance of payments
6)	November	Research methodology Introduction
7)	December	Research methodology Introduction
8)	January	Research Design
9)	February	Data collection
10)	March	Data presentation & Analysis
		Extra Lecters Ecromics

dr. Korade A. M.

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MONTH WISE TEACHING PLAN

Class : T.Y.BA Paper (XI XII) : Labour Economics & Economics of maharashtra

r. No.	Month	Topics / Practicals to be Completed
1)	June	Introduction of Lobour Economics
2)	July	Lobour market
3)	August	Employment
4)	September	Wage Distribution
5)	October	State and Labour
6)	November	Economy of maharashtra
7)	December	futures of Economy of maharashtra
8)	January	The problems of Agricultural in maharashtra
9)	February	cooperative movement in maharashtra
10)	March	Infrastructure and Industrial Development in maharashtra,
-	-	Extra Leaters Economics

Important Days to be Remembered

10th Jan	-	World Laughter Day
11th Jan	-	Lal Bahadur Shashri Smriti Din
12th Jan	-	Swami Vivekanand Jayanti / National Youth Day
14th Jan	-	**Dr. B. A. M. U. A'bad. Nam Vistar Din / Geography Day**
23rd Jan	-	Netaji Subhashchandra Bose Jayanti
26th Jan	-	**Republic Day of India**
28th Jan	-	Lala Lajpatrai Jayanti
30th Jan	-	**Hutatma Din - Mahatma Gandhi Smriti Din**
19th Feb	-	**Chhatrapati Shivaji Maharaj Jayanti**
		(As per Govt. Gazett.)
23rd Feb	-	Saint Gadge Maharaj Jayanti
27th Feb	-	Marathi Rajbhasha Day
28th Feb	-	Nantional Science Day / Dr. Rajendra Prasad Smriti Din
1st March	-	World Civil Defence Day
8th March	-	World Women's Day
10th March	-	Savitribai Phule Smriti Din
15th March	-	World Customer Day
16th March	-	World Handicaped Day
21st March	-	World forestry Day
22nd March	-	World Water Day
28th March	-	Anand Rishiji Smriti Din
7th April	-	World Health Day
11th April	-	Mahatma Jotiba Phule Jayanti
14th April	-	**Dr. Babasaheb Ambedkar Jayanti**
16th April	-	Chhatrapati Shivaji Maharaj Punyatithi
22nd April	-	World Vasundhara Day
1st May	-	**Maharashtra Day / Kamgar Din**
8th May	-	Ravindranath Tagore Jayanti /
		World Red - Cross Day
11th May	-	National Technology Day
17th May	-	World Door Sanchar Day
21st May	-	World Terrorism and Violence Irradication Day
27th May	-	Pandit Jawaharlal Nehru Smriti Din
31st May	-	World Anti Tobacco Day

Dr. Magar S.R.

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PERSONAL TIME TABLE 2019-2020

Period No.	Time	Class	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	10.10 - 11.00	B.A. III	IX	IX	IX	IX	IX	IX
2	11.00 - 11.50	B.A. II	X	X	X	X	X	X
3	11.50 - 12.40	B.A. I	I	I	I	I	I	II
4	12.40 - 1.30	B.A. I	II	II				
5	12.40 - 1.30	B.A. III			VIII	VIII		
6	1.30 - 2.10	B.A. II	VII	VII				
7								
8								
9								
10								

MONTH WISE TEACHING PLAN

Class B.A.S.Y. Paper (V) ...કર્મચારી પ્રશાસન...

Sr. No.	Month	Topics / Practicals to be Completed
1.	જુન	કર્મચારી પ્રશાસન
2.	જુલૈ	ભારતીય નાગરી સેવા, પ્રશિક્ષણ
3.	ઓગસ્ટ	પ્રશિક્ષણ સંસ્થા, ઉદ્દેશ, ભારતીય તકાર નિવારણ યંત્રણા.
4.	સપ્ટેંબર	કર્મચારી પ્રશાસનની સમસ્યા. પ્રશાસકિય ન્યાયાધિકરણ.
5.	ઑક્ટોબર	સેવાનિવૃત્તી
Class	B.A.S.Y.	Paper (VII) વિત્તીય પ્રશાસન
1.	નોવેંબર	વિત્તીય પ્રશાસન
2.	ડિસેંબર	વિત્ત મંત્રાલય, અંદાજપત્રક
3.	જાનેવારી	અંદાજપત્રક, લેખા ૧ લેખાપરિક્ષણ.
4.	ફેબ્રુવારી	સંસદિય નિયંત્રણ
5.	માર્ચ	નવિન આર્થિક સોરણ.

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class B.A.S.Y. Paper (VI) ...પંચાયતરાજ અને ગ્રામીણ વિકાસ...

r. No.	Month	Topics / Practicals to be Completed
1	જુન	ભારતીય પંચાયતરાજની ઉત્ક્રાંતી
2	જુલૈ	મહારાષ્ટ્રનીલ પંચાયતરાજ વ્યવસ્થા.
3	ઑગસ્ટ	ગ્રામીણ વિકાસ - સંકલ્પના અને કાર્યક્રમ, રાજ્ય ગ્રામીણ વિકાસ મંત્રાલય રચના અને કાર્યો
4	સપ્ટેંબર	ગ્રામીણ વિકાસ સંસ્થા
5	ઑક્ટોબર	પંચાયતરાજ વ્યવસ્થેની આર્થિક સ્રોત
Class	B.A.S.Y.	Paper (VIII) શહેરી સ્થાનિક સ્વરાજ્ય સંસ્થા અને શહેર વિકાસ
1	નોવેંબર	નાગરિકરણ - અર્થ, કારણો અને પરિણામ
2	ડિસેંબર	મહારાષ્ટ્રનીલ શહેરી સ્થાનિક સ્વરાજ્ય સંસ્થા
3	જાનેવારી	શહેર વિકાસ મંત્રાલય - રચના અને કાર્યો, નગર વિકાસ સંસ્થા
4	ફેબ્રુવારી	નાગરિકરણની સમસ્યા
5	માર્ચ	પ્રમુખ નગરવિકાસ કાર્યક્રમ

MONTH WISE TEACHING PLAN

Class B.A.F.Y..... Paper (I) ...લોકપ્રશાસનાચી તત્વે આણિ સંકલ્પના...

Sr. No.	Month	Topics / Practicals to be Completed
1.	જુલૈ	લોકપ્રશાસન
2.	ઑગસ્ટ	સંઘટના
3.	સપ્ટેંબર	સંઘટનેચી તત્વે, લોકપ્રશાસનાચી સંકલ્પના
4.	ઑક્ટોંબર	લોકપ્રશાસનાચી સંકલ્પના.
Class	B.A.F.Y.	Paper (III) મહારાષ્ટ્ર પ્રશાસન
1.	નોવ્હેંબર	મહારાષ્ટ્ર રાજ્ય
2.	ડિસેંબર	રાજ્ય કાર્યકારિણી
3.	જાનેવારી	રાજ્યાચે કાયદેમંડળ, રાજ્યાતીલ ન્યાયાલયીન વ્યવસ્થા.
4.	ફેબ્રુવારી	સંવિધાનિક આણિ વૈધાનિક સંસ્થા.
5.	માર્ચ.	વૈધાનિક સંસ્થા.

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class B.A.F.Y..... Paper (II) ...પ્રકરણાતીલ લોકપ્રશાસન...

Sr. No.	Month	Topics / Practicals to be Completed
1.	જુલૈ	ભારતીય પ્રશાસનાચી ઉત્ક્રાંતી
2.	ઑગસ્ટ	સંવિધાનાત્મક તરતુદા, કેંદ્રશાસન
3.	સપ્ટેંબર	કેંદ્રિય કાયદેમંડળ, વૈધાનિક આણિ અવૈધાનિકસંસ્થા.
4.	ઑક્ટોંબર	માહિતી અધિકાર 2004.
Class	B.A.F.Y.	Paper (IV) જિલ્હા પ્રશાસન
1.	નોવ્હેંબર	જિલ્હા પ્રશાસન
2.	ડિસેંબર	જિલ્હાધિકારી, કાયદા વ સુવ્યવસ્થા
3.	જાનેવારી	જિલ્હા પ્રશાસનાતીલ પ્રમુખ ઘટક
4.	ફેબ્રુવારી	જિલ્હા પોલિસ પ્રશાસન
5.	માર્ચ.	જિલ્હા પોલિસ પ્રશાસન.

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class B.A.T.Y. Paper (IX) ...માનવી સંસાધનનો વિકાસ...

Sr. No.	Month	Topics / Practicals to be Completed
1.	જુન	માનવી સંસાધનનો વિકાસ.
2.	જુલૈ	માનવ સંસાધન વિકાસમાંની સંસ્થાની ભૂમિકા.
3.	ઑગસ્ટ	માનવ સંસાધન વિકાસની સાધનો
4.	સપ્ટેંબર	માનવી સંસાધન વ્યવસ્થાપણ.
5.	ઑક્ટોબર	માનવી સંસાધન નિયોજન.
Class	B. A. T. Y.	Paper (XIII) સાર્વજનિક શોરણ અને વિકાસ.
1.	નોવ્હેંબર	સાર્વજનિક શોરણ.
2.	ડિસેંબર	સાર્વજનિક શોરણ નિર્મિતી, સાર્વજનિક શોરણની મંજુરીની પ્રક્રિયા
3.	જાનેવારી	ભારતમાંનિ સાર્વજનિક શોરણ.
4.	ફેબ્રુવારી	વિકાસ: અર્થ અને સંકુલતા, વિકાસમાંનિ અવરોધો
5.	માર્ચ.	વિકાસમાંનિ અવરોધો

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class B.A.T.Y. Paper (X) ...ભારતમાંનિ શૈક્ષણિક પ્રશાસન...

r. No.	Month	Topics / Practicals to be Completed
1.	જુન	શિક્ષણનો અર્થ, ક્ષેત્રો અને મહત્વ.
2.	જુલૈ	શિક્ષણની ઐતિહાસિક પાર્શ્વભૂમિ
3.	ઑગસ્ટ	ઉચ્ચ શિક્ષણ સંસ્થા, ઉચ્ચ શિક્ષણમાંનિ યુનોસ્કો નિયંત્રણ સંસ્થા.
4.	સપ્ટેંબર	ભારતમાંનિ ઉચ્ચ શિક્ષણસમોરિનિ આહ્વાનો.
5.	ઑક્ટોબર	ગ્લોબલિકરણ અને ઉચ્ચ શિક્ષણ: પ્રભાવ અને પરિણામ.
lass	B. A. T. Y.	Paper (XN) ભારતમાંનિ આરોગ્ય પ્રશાસન.
1.	નોવ્હેંબર	ભારતમાંનિ આરોગ્ય વ્યવસ્થા.
2.	ડિસેંબર	આરોગ્ય અને કુટુંબ કલ્યાણ મંત્રાલય
3.	જાનેવારી	રાષ્ટ્રીય ગ્રામીણ આરોગ્ય મિશન
4.	ફેબ્રુવારી	આરોગ્ય નિર્ધારણ
5.	માર્ચ	ભારતમાંનિ આરોગ્ય વ્યવસ્થેસમોરિનિ આહ્વાનો

Important Days to be Remembered

- World Laughter Day
- Lal Bahadur Shashri Smriti Din
- Swami Vivekanand Jayanti / National Youth Day
- **Dr. B. A. M. U. A'bad. Nam Vistar Din / Geography Day**
- Netaji Subhashchandra Bose Jayanti
- **Republic Day of India**
- Lala Lajpatrai Jayanti
- **Hutatma Din - Mahatma Gandhi Smriti Din**
- **Chhatrapati Shivaji Maharaj Jayanti**
  (As per Govt. Gazett.)
- Saint Gadge Maharaj Jayanti
- Marathi Rajbhasha Day
- Nantional Science Day / Dr. Rajendra Prasad Smriti Din
- World Civil Defence Day
- World Women's Day
- Savitribai Phule Smriti Din
- World Customer Day
- World Handicaped Day
- World forestry Day
- World Water Day
- Anand Rishiji Smriti Din
- World Health Day
- Mahatma Jotiba Phule Jayanti
- **Dr. Babasaheb Ambedkar Jayanti**
- Chhatrapati Shivaji Maharaj Punyatithi
- World Vasundhara Day
- **Maharashtra Day / Kamgar Din**
- Ravindranath Tagore Jayanti /
  World Red - Cross Day
- National Technology Day
- World Door Sanchar Day

Bhosale S.E.

PERSONAL TIME TABLE 2019 - 2020

Time	class	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
20 - 10	B.A. III	Soci- IX, XIII	soci- IX, XIII	Soci- IX, XIII	Soci- IX, XIII	Soci- X, XIV	Soci- X, XIV
10 - 2.00	B.A II	Soci - V, VII	Soci - V, VII	Soci - V, VII	Soci - V, VII		
00 - 50	B.A I	Soci-I III	Soci-I III	Soci-I III	Soci-I, III	Soci-II IV	Soci-II IV
50 - 40	B.A I	Soci-II IV	Soci-II IV				
	B.A III			Soci- X, XIV	Soci- X, XIV		
0 - 30	B.A III			Soci- XII, XVI	Soci- XII, XVI	Soci- XII, XVI	Soci- XII, XVI

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class B.A.S.Y. Paper (V VII) Problems of Rural India Population in India.

Sr. No.	Month	Topics / Practicals to be Completed
1	जुन	संशोधनात्मक प्रश्न
2	जुलै	संशोधनात्मक प्रश्न.
3	ऑगस्ट	शिक्षण आणि आरोग्य.
4	सप्टेंबर	ग्रामीण अर्थव्यवस्था ग्रामीण विकासातील अडथळे
5	ऑक्टोबर	ग्रामीण विकासातील अडथळे.
6	नोव्हेंबर	लोकसंख्या - मुलभूत संकल्पना
7	डिसेंबर	लोकसंख्या - मुलभूत संकल्पना.
8	जानेवारी	गतिमान मानवी लोकसंख्या.
9	फेब्रुवारी	लोकसंख्या संक्रमण. लोकसंख्या होरपळ.
10	मार्च	लोकसंख्या होरपळ.

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class B.A.Y. Paper (V XIII) Sociological Traditions Sociological Theories

Sr. No.	Month	Topics / Practicals to be Completed
1	जुन	समाजशास्त्रीय विचारांचा विकास.
2	जुलै	समाजशास्त्रीय विचारांचा विकास.
3	ऑगस्ट	आदर्श विचारवंत
4	सप्टेंबर	अभिजात परंपरा
5	ऑक्टोबर	अभिजात परंपरा.
6	नोव्हेंबर	प्रकार्यवाद.
7	डिसेंबर	प्रकार्यवाद.
8	जानेवारी	संघर्ष सिद्धांत
9	फेब्रुवारी	संघर्ष सिद्धांत. प्रतिकात्मक आंतरक्रिया:
10	मार्च.	प्रतिकात्मक आंतरक्रिया.

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class B.A.T.Y. Paper (X XIV) Introduction to Research methods, Social Research methods

Sr. No.	Month	Topics / Practicals to be Completed
1	જુન	મુળભૂત સંકલ્પના
2	જુલૈ	મુળભૂત સંકલ્પના.
3	ઑગસ્ટ	સંશોધન પ્રકાર
4	સપ્ટેમ્બર	સંશોધન પ્રકાર સંશોધન પ્રક્રિયા.
5	ઑક્ટોબર	સંશોધન પ્રક્રિયા.
6	નોવેંબર	માહિતી સંકલનાચ્યા પદ્ધતી
7	ડિસેંબર	માહિતી સંકલનાચ્યા પદ્ધતી.
8	જાનેવારી	સંગણકાચા ઉપયોગ આણિ સોશિયલ
9	ફેબ્રુવારી	સંગણકાચા ઉપયોગ આણિ સોશિયલ સામાજિક સંશોધનાચી ઉપયુક્તતા
10	માર્ચ	સામાજિક સંશોધનાચી ઉપયુક્તતા.

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class B.A III Paper (XII & XVI) Project work

Sr. No.	Month	Topics / Practicals to be Completed
1	જુલૈ	વિષયાચી નિવડ
2	ઑગસ્ટ	પ્રારંભવા
3	સપ્ટેંબર	ઉદ્દેશ
4	ઑક્ટોબર	વિષયાચે ક્ષેત્રે
5	નોવ્હેંબર	વિશ્લેષણ
6	ડિસેંબર	સવિસ્તર ચર્ચા
7	જાનેવારી	વિષયાચે નિષ્કર્ષ
8	ફેબ્રુવારી	સારંશિકરણ
9		

MONTH WISE TEACHING PLAN

Class B.A. SY. Paper (V VII) Problems of Rural India Population in India

Sr. No.	Month	Topics / Practicals to be Completed
1	जुन	सैद्धांतात्मक प्रश्न
2	जुलै	सैद्धांतात्मक प्रश्न.
3	ऑगस्ट	शिक्षण आणि आरोग्य.
4	सप्टेंबर	ग्रामीण अर्थव्यवस्था ग्रामीण विकासातील अडथळे
5	ऑक्टोबर	ग्रामीण विकासातील अडथळे.
6	नोव्हेंबर	लोकसंख्या - मुलभूत संकल्पना
7	डिसेंबर	लोकसंख्या - मुलभूत संकल्पना.
8	जानेवारी	वनिमाल मानवी लोकसंख्या.
9	फेब्रुवारी	लोकसंख्या संक्रमण. लोकसंख्या धोरण.
10	मार्च	लोकसंख्या धोरण.

MONTH WISE TEACHING PLAN

Class B.A. SY. Paper (IX XIII) Sociological Traditions Sociological Theories

Sr. No.	Month	Topics / Practicals to be Completed
1	जुन	समाजशास्त्रीय विचारांचा विकास.
2	जुलै	समाजशास्त्रीय विचारांचा विकास.
3	ऑगस्ट	आदर्श विचारवंत
4	सप्टेंबर	अभिजात परंपरा
5	ऑक्टोबर	अभिजात परंपरा.
6	नोव्हेंबर	प्रकार्यवाद.
7	डिसेंबर	प्रकार्यवाद.
8	जानेवारी	संघर्ष सिद्धांत
9	फेब्रुवारी	संघर्ष सिद्धांत. प्रतिकात्मक आंतरक्रिया:
10	मार्च	प्रतिकात्मक आंतरक्रिया.

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MONTH WISE TEACHING PLAN

Class B.A.F.Y..... Paper (I & III) Introduction to Sociology & Introduction to subfields of Sociology

Sr. No.	Month	Topics / Practicals to be Completed
1	जुन	समाजशास्त्राचा परिचय.
2	जुलै	समाजशास्त्राचा परिचय मुलभूत संकल्पना
3	ऑगस्ट	मुलभूत संकल्पना समाजशास्त्राची प्रमाणता
4	सप्टेंबर	समाजशास्त्राची प्रमाणता.
5	ऑक्टोबर	समाजशास्त्राची उपयुक्तता.
6	नोव्हेंबर	समाजशास्त्र आणि समाज.
7	डिसेंबर	समाजशास्त्र आणि समाज.
8	जानेवारी	समाजशास्त्र आणि आंतरक्रिया.
9	फेब्रुवारी	समाजशास्त्र आणि संस्कृती.
10	मार्च	समाजशास्त्राचे उपयोजित स्वरूप.

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kuda

MONTH WISE TEACHING PLAN

Class B.A.F.Y..... Paper (II & IV) Individual and Society, Indian Social Composition.

Sr. No.	Month	Topics / Practicals to be Completed
1	जुन	व्यक्ति आणि समाज.
2	जुलै	व्यक्ती आणि समाज. सामाजिक संरचना
3	ऑगस्ट	सामाजिक संरचना सामाजिक स्तरीकरण.
4	सप्टेंबर	सामाजिक परिवर्तन. सामाजिक नियंत्रण.
5	ऑक्टोबर	सामाजिक नियंत्रण.
6	नोव्हेंबर	भारतीय समाजाची लक्षणे.
7	डिसेंबर	भारतीय समाजाची लक्षणे. भारतीय लोकसंख्या.
8	जानेवारी	भारतीय लोकसंख्या. लोकशाही आणि धर्मनिरपेक्षता.
9	फेब्रुवारी	लोकशाही आणि धर्मनिरपेक्षता ग्रामीण आणि शहरी रचना.
10	मार्च	ग्रामीण आणि शहरी रचना.

Dr. Talekar C.K.

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MONTH WISE TEACHING PLAN

Class B.A-I Paper(I) Basic concept of Political Sci.

Sr. No.	Month	Topics / Practicals to be Completed
		SEMISTER - I 2019-20
1.	June	—
2.	July	1) State ?— 1.1) Meaning & Nature 1.2) element of state 1.3) Theories of origin of state Division Theory social contant Theory. evalutinary Theory
3.	August	2) goverment ?— 2.1) Meaning & defination 2.2) organ of goverment : Legislature exective, Judiciary 2.3) Type of goverment : unitary fedreal, Polimentary
4.	september	3) sovereignty ?— 3.1) Meaning, & defination 3.2) Austins theory of soverginity 3.3) Pluralistic theory. 4] citizenship & rights
5.	octomber	4.1) citizenship : Meaning and type 4.2) Meaning, defination on Type of Right and duties

period allotted -60

political science

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MONTH WISE TEACHING PLAN

Class B.A II Paper(I) Basic concept of Political science

Sr. No.	Month	Topics / Practicals to be Completed
		SEMISTER - II 2019-20
6.	November	1) Liberty, equality, Justice 1.1) Meaning & definatiop
7.	December	1.2) Type of Liberty Equility 1.3) ideal of social Justice 2) Right 2.1) Meaning and Nature
8.	January	2.2) Type of Right 3.) Democrasy 3.1) Meaning & defination
9.	febuary	3.2) Directed & indirected demo. 3.3) Merits & demerits of demo 4) welfare state 4.1) Meaning & features.
10	March	4.2) Function of welfare state

period allocated -6(

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Dr. Talekar C.K.

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MONTH WISE TEACHING PLAN

Class B.A.II Paper (IV) Indian goverment & Politiy

Sr. No.	Month	Topics / Practicals to be Completed
		SEMISTER-I -2019-20
1)	June	1) Indian constitution 1.1) source 1.2) preambel 1.3) feature
2)	July	2) constitutinal provision 2.1) fundamental & right 2.2) Direct Principal of state Polity
3)	August	3.) Union goverment 3.1) President 3.2) Parliment 3.3) Prim minister
4)	September	4) Budgetary process & Parlimentary committee 4.1) Budgetary process 4.2) Public account committe 4.3) estimate committes 5) constitutinal instrution 5.1) Attorney genral
5)	october	5.2) comptroller & allditary genral

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MONTH WISE TEACHING PLAN

Class B.A.II Paper (XII) Indian goverment & politiy

Sr. No.	Month	Topics / Practicals to be Completed
		SEMISTER-II -2019-20
6)	November	1) Supreme court 1.1) Structure Power & funtions 1.2) Power of Judicial Review
7)	December	2) central -state Relations 2.1) Ligislative 2.2) Administrative 2.3) Financial
8)	January	3) ideology & power of political Partisuation india 3.1) Feature of party system 3.2) All indian national congress 3.3) Bhartiya janta party 3.4) Community party
9)	Febuary	4) Election commission & eletrol 4.1) composition, power, function 4.2) electral Reform in india 5) challenges Before indian democracy 5.1) corruption 5.2) rostism
10	March	5.3) communisum 5.4) Regionalism

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MONTH WISE TEACHING PLAN

Class B.A. III Paper (VI) Western political thinker

Sr. No.	Month	Topics / Practicals to be Completed
		SEMISTER-II- 2019-20
1)	June	1) plato view on-Justies, communisum educatin, ideal state
2)	July	2) Aristotle view on:- state, citizenship Revolution
3)	August	3) Niccolo Marchiavelli Human Nature, Advice to Prince, view on Religion and Morality
4)	September	4) Thomas Hobbs Human Nature, social contract Theory and concept of the Sovereigity 5) John Locke Human Nature- social Theory
5)	October	5) John Locke Idea and Rights.

Period allotted-60

political science

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MONTH WISE TEACHING PLAN

Class B.A. III Paper (XIV) Western political Thinker

Sr. No.	Month	Topics / Practicals to be Completed
		SEMISTER-II - 2019-20
6)	November	1) Jean Jaques Rousseau 1.1) Human Nature
7)	December	1.2) social contract Theory 1.3) Idea of genral will 2) John stuart Mill 2.1) utilitarianisum
8)	January	2.2) idea of Liberty 2.3) Representative goverment 3) Jermy Bentham 3.1) Idea state 3.2) Idea of goverment 3.3) Low of Right 3.4) Idea of punchiment 3.6) utilitarianisum.
9)	Febuary	4) Karl Marx 4.1) Dialectical mathematism 4.2) Mathematisuminterpretation 4.3) Theory of class struggle 4.4) Theory of surplus valuu 4.5) View of state of the Revolution
10)	March	5) Haroid Laski 5.1) Pluralitic Theory of Soverignty 5.2) view on liberty

Period allolled-60

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MONTH WISE TEACHING PLAN

Class B.A.III Paper (VII) Political ideology

Sr. No.	Month	Topics / Practicals to be Completed
		SEMISTER - I - 2019-20
1)	June	1) Nationalisum
2)	July	2) Liberalisum
3)	August	3) Democracy
4)	September	4) impeialisum
5)	October	5) Ferminism

Period allotted - 60

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MONTH WISE TEACHING PLAN

Class B.A.III Paper (~~VII~~) Political ideology

Sr. No.	Month	Topics / Practicals to be Completed
		SEMISTER - II - 2019-20
6)	November	1) socialisum
7)	December	2) socialisum
8)	January	2) communisum
9)	Febuary	3) Fascism 4) Anarchism
10)	March	5) enviornmentalism

Period allotted -

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Shri Amolak Jain Vidya Prasarak Mandal's

SMT. SHANTABAI KANTILAL GANDHI ARTS, AMOLAK SCIENCE & PANALAL HIRALAL GANDHI COMMERCE COLLEGE

At,/Po.- Kada, Tal - Ashti, Dist - Beed 414202

Affiliated to Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

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Year: 2019-2020

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Sem: III

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class S.Y.B.Sc. Paper (VII & IX) Theory - Organic chemistry
Practicals: Lab course III

Sr. No.	Month	Topics / Practicals to be Completed
1.	June: 2019	S.Y.B.Sc: Sem: III *Theory: P.No. VII: Organic chemistry: *Chap:1: Alcohols Definition: monohydric alcohols, methods of formation by reduction of aldehydes, ketones.
2.	July: 2019	S.Y.B.Sc.: P.No. VII methods of formation by reduction of carboxilic acids and esters (one eg each) acidic nature Reactions of alcohols, *Dihydric alcohols: methods of formation of glycol- industrial method and from alkenes using OsO_4, chemical reactions of Ethylene glycol - nitration, acylation oxidation (using $Pb(OAc)_4$) without mechanism Pinacol-Pinacolone rearrangement. Trihydric Alcohols - Preparation of Glycerol from propane, Reactions of glycerol. * S.Y.B.Sc. (Practicals): P.No. IX (Section: B) 1) Estimation of Zinc gravimetrically as Zinc ammonium phosphate ($Zn NH_4PO_4$) 2) Estimation of Nickel gravimetrically as: Ni-DMG.

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MONTH WISE TEACHING PLAN

Class ..... Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed
		iii) Estimation of Barium gravimetrically as Ba-chromate ($BaCrO_4$)
		S.Y.B.Sc. : P.No. VII * Chap. : II : Phenols Preparation of Phenol from chloro-benzene, cumene and Benzene sulphonic acid, Physical properties, Acidic nature of phenol, Resonance stabilization of Phenoxide ion, Reactions of Phenols : electrophilic aromatic substitution, acylation, carboxylation (without mechanism), Reactions with mechanism - Intermolecular Fries rearrangement, Claisen rearrangement, Gattermann synthesis and Reimer Tiemann Reaction.
		* Chap. : III : Aldehydes and Ketones Aldehydes : - Preparation of Aldehydes from acid chlorides, Gattermann-Koch synthesis. Ketones : - Preparation from Nitriles and from Carboxylic acid, Physical properties of Aldehydes and Ketones, mechanism of Nucleophilic additions to carbonyl group with particular emphasis on Benzoin, Aldol Knoevenagel condensation, Mannich Reaction, Use of Acetals as protecting Group.

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MONTH WISE TEACHING PLAN

Class S.Y.B.Sc. Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed
		oxidation of Aldehydes using diammium trioxide, Baeyer-Villiger oxidation of Ketones.
3.	Aug: 2019	* Chap: IV Carboxylic Acids Acidity of carboxylic acids, effects of substitution on acid strength, Preparation of Acetic acid from Cl from Nitrites, from acid chloride, Anhydride, ester and Amide, Physical properties and reactions of carboxylic acids, Synthesis of Acid chloride, Ester and Amide, Hell-Volhard Zelinsky reaction, Reduction using LiAlH4, mechanism of Decarboxylation, hydroxyl acids - Malic, Tartaric acid and citric acid, Method of formation and chemical reactions of Acrylic acid.
		* Chap: V: Organic compound of Nitrogen: Preparation of Nitroalkanes, Nitration of Benzene and their reduction in acidic, Neutral and basic media.
		* S.Y. B.Sc. (Practicals) P.No. IX iv) Estimation of Zinc by EDTA solution using EBT indicator.

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MONTH WISE TEACHING PLAN

Class S.Y.B.Sc. **: Paper (** **)** .....

Sr. No.	Month	Topics / Practicals to be Completed
		v) estimation of Nickel by EDTA using Murexide indicator.
4.	Sep: 2019:	* chap: V - continued - - - Amines : Basicity of amines, Amines salt as PTC, Preparation of Alkyl and Aryl Amines (Reduction of Nitro compounds, nitriles) Reductive amination, Hoffmann Bromide reaction.
5.	Oct - 2019 :	* chap-V: continuete - - - . Reactions of Amins - Electrophillic Aromatic substitution in Aryl amines Reactions of Amines with Nitrous acid.

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Sem.: IV

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class S.Y.B.Sc. Paper (X & XII) Theory: Inorganic chemistry
Practical: Lab course: IV (Sem. B)

Sr. No.	Month	Topics / Practicals to be Completed
1.	Nov. 2019	* S.Y.B.Sc. (Theory): P.No. X Inorganic chemistry: * Chap. I: Chemistry of Elements of First Transition Series: general characteristics of features of d-block elements, Properties of the elements of the transition series: Ionic size, Atomic size, Metallic properties.
		* S.Y.B.Sc. (Practicals): P.No. XII (Section: B Organic chemistry) i.) Acetyl Derivative: a) Aniline.
2.	Dec. 2019	* S.Y.B.Sc. (Theory): * Chap. I: continued--- Ionisation potential, magnetic properties, Oxidation states.
		* Chap. II: Co-ordination compounds Werner's co-ordination theory and its experimental verification, Effective atomic number concept, chelates, Nomenclature of co-ordination compounds, Isomerism in co-ordination compounds. Valence bond theory of transition metal complexes.

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MONTH WISE TEACHING PLAN

Class S.Y.B.Sc. : Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed
	*	S.Y.B.Sc. (Practicals): ii) Benzoyl Derivatives of: a) Aniline b) β-napthol. iii) Bromo Derivatives of: a) Phenol b) cinnamic acid.
3.	Jan-2020: *	S.Y.B.Sc. (Theory) * Chap. III: Chemistry of Lanthanide Elements: Occurence and Isolation of Lanthanides, electronic configuration, Oxidation states, ionic radii, Lanthanide contraction and its consequences.
		* Chap. IV: Chemistry of Actinides: Occurance, Position in the periodic table, electronic configuration, oxidation states, chemistry of separation, of Np, Pu and Am from U.
	*	S.Y.B.Sc. (Practicals): (Organic estimation) i) Estimation of Glucose. ii) Estimation of ester by hydrolysis. iii) Estimation of amides by hydrolysis.
	*	S.Y.B.Sc. (Theory): Chap. V. Acids & Bases: Arrhenius, Bronsted-Lowry theory, the Lux-Flood, solvent system.

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MONTH WISE TEACHING PLAN

Class S.Y.B.Sc. Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed
4.	Feb. 2020 :	S.Y.B.Sc. (Theory) : * Chap. V : continued.... Lewis concept of Acids and Bases : * Chap. VI : Non-Aqueous solvents Physical properties of a solvent Types of solvents and their gene characteristics, Reaction in non-aqueous solvents with refere to liquid NH_3 and liquid SO_2.

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PERSONAL TIME TABLE 2019 - 2020

Period No.	Time	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	11.00 to 11.50				T4 BSc XIV & XVII	T4 BSc XIV & XVII	T4 BSc XIV & XVIII
2	8.30 to 11.00	T1	T5	T2	T4+7+10	T3+8+9	T6
3							
4							
5							
6							
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9							
10							

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Kada

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MONTH WISE TEACHING PLAN

Class T-YBSc Paper (~~XVIII~~) Organic Chemistry.

Sr. No.	Month	Topics / Practicals to be Completed
5	November	Organic Estimation. ① Estimation of Carbonyl group by hydrazone formation method. ② Estimation of vitamin C in commercial soft drink / Glucon D.
6	December	③ Estimation of ascorbic Acid ④ Estimation of Saponification value of oil. Organic Preparation & its Purity by TLC: 1) Preparation of Hydrazobenzene from Azobenzene
7	January	2) Preparation of phthalic anhydride from phthalic Acid. 3) Prepn of 2,4. dinitrophenyl hydrazone of acetone 4) To prepare picrate of Naphthalene

MONTH WISE TEACHING PLAN

Class T.Y.B.Sc. Paper (XIV) Organic chemistry

Sr. No.	Month	Topics / Practicals to be Completed
3	August	Organic Synthesis Via Enolates:- Defn - Active methylene compounds. Prep & Aceto acetic ester, Acidity of α-hydrogen, properties & reaⁿ involving formation of mono, di & unsaturated carboxylic Acids. Synthesis of ketones, diketones, 4 methyl Uracil, from aceto acetic ester, keto enol tautomerism. Prep of diethyl malonate, properties & reaⁿ involved in alkylation forming of mono, di, & unsaturated carboxylic acids, syn of amino acids. barbituric acids from diethyl malonate
1	September	Fats, oils & Detergents:- Natural fats edible & industrial oil of vegetable origin, manufacture of soyabean oil by solvent extraction method & isolation and uses of essential oils. Types of animal fats & oil Defⁿ of saponification value, iodine value, acid value, Detergents' Introduction, Prepⁿ of sodium alkyl sulphonate alkyl benzene sulphonates & amide sulphonate, cleaning action of detergents
5	October	

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MONTH WISE TEACHING PLAN

Class T.Y.B.Sc. Paper (XVII) Organic chemistry.

Sr. No.	Month	Topics / Practicals to be Completed
		Synthetic Drugs - Defination, Introduction, classification of drugs. Properties of ideal drugs. synthesis of chloromycetin. Paracetamol. phenacetin. Sulphaguanidine.

MONTH WISE TEACHING PLAN

Class T.Y.B.Sc. Paper (XV) ..... Organic chemistry

Sr. No.	Month	Topics / Practicals to be Completed
		Separation & Identification of both components
1	July	i) Benzoic Acid + β-naphthol
		ii) Salicylic Acid + P-nitro aniline
2	August	iii) β naphthol + Acetanilide
		iv) m-nitroaniline + Naphthalene
		v) α-naphthol + o-nitroaniline
		vi) Cinnamic Acid + Naphthalene
3	September	vii) Salicylic Acid + Naphthalene
		viii) β naphthol + m-dinitro benzene
		ix) Cinnamic Acid + P-nitroaniline
4	October	x) Salicylic Acid + β-naphthol.

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Month Wise Teaching Plan 2019-2020

Teacher Name – Mr. Ashishumar Prakash Katariya

Department - Chemistry

Class - F. Y. B. Sc.

Paper – II (Organic Chemistry) & IV (Physical Chemistry)

Paper III + VI (Lab Course I & II)

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2019	**Structure and Bonding:** Localized and delocalized chemical bond; charge transfer complexes, resonance, hyper conjugation, inductive effect, hydrogen bonding, conjugative effect, steric effect. **Mechanism of Organic Reactions:** Homolytic and heterolytic bond breaking, Types of reagents electrophiles and nucleophiles, Types of organic reactions. **Volumetric Analysis:** • Preparation of 0.1N. NaOH solution and its standardization by given oxalic acid solution. • Preparation of 0.1 N oxalic acid solution and its standardization by given $KMNO_4$ solution.
2	Nov. 2019	**Mechanism of Organic Reactions:** Energy considerations, Reactive intermediates - carbocations, carbanions, free radicals **Stereochemistry of Organic Compounds** Concept of Isomerism - Types of isomerism Optical Isomerism - elements of symmetry, molecular chirality, enantiomers, stereogenic center, optical activity, properties of enantiomers, chiral and achiral molecules with two stereogenic centers, diastereomers, threo and erythro diastereomers, meso compounds.

		Inorganic Qualitative Analysis: Identification of two acid and two basic radicals from the given binary mixture.
3	Dec. 2019	**Stereochemistry of Organic Compounds** Relative and absolute configuration, sequence rules, D and L and R and S systems of nomenclature. Geometric Isomerism - Determination of configuration of geometric isomers. E and Z system of nomenclature, geometric isomerism in oximes and alicylic compounds. **Alkanes:** Methods of formation (Koble reaction, Corey - House reaction and decarboxylation of carboxylic acids) Physical properties and Chemical reactions of alkanes Chlorination, Nitration, Sulphonation, Catalytic oxidation. **Physical Chemistry Practical** • Eudiometer: Determination of Equivalent • Viscometer: To Determine Viscosity of given liquid (Water / Ethanol) by viscometer. • Staglanometer: To determine surface tension of given liquid.
4	Jan. 2020	**Alkenes:** Nomenclature of alkenes, methods of formation, mechanisms of dehydration of alcohols and dehydrohalogenation of alkyl halides. The Saytzeff rule, Hofmann elimination, physical properties and relative stabilities of alkenes. Chemical reactions of alkenes - mechanisms involved in hydrogenation, electrophilic and free radical additions, Markownikoff's rule, hydroboration, and oxidation with $KMnO_4$. Polymerization of alkenes. **Arenes and Aromaticity:** Nomenclature of benzene derivatives. The aryl group. Aromatic nucleus and side chain structure of benzene: molecular formula and Kekule structure. Resonance Structure, MO Picture, Aromaticity: The Huckel rule, aromatic ions, Aromatic electrophilic substitution: Nitration, halogenations and Sulphonation and Friedel Crafts reaction.

		Physical Chemistry Practical • Chemical Kinetics • Colorimeter
5	Feb. 2020	**Alkyl and Aryl halides:** Polyhalogen Compounds: Chloroform, Carbon tetrachloride. Methods - Formation of aryl halides, nuclear and side chain reaction.
6	April 2020	**Mathematical Concepts:** Logarithmic relations, curve sketching, linear graphs and calculation of slopes, differentiation of functions like k^x, e^x, x^n, sin x, log x; maxima and minima, partial differentiation. **Gaseous States:** Postulates of the kinetic theory of gases, kinetic gas equation, Deduction of Gas Laws: Boyles Law, Charles Law, Grahams Law of diffusion, Avogadro's hypothesis, deviation from ideal behavior, van der Waals equation of state. Critical Phenomena: PV isotherms of real gases. **Organic Qualitative Analysis:** Nature, Functional group, Element, Derivative, Physical constant.
7	May 2020	**Chemicals Kinetics and Catalysis:** Chemical Kinetics and its scope, rate of reaction, factors influencing the rate of reaction - concentration, temperature, pressure, solvent, light, catalyst concentration dependence of rates. Derivation of rate law and characteristics of simple chemical reactions - zero order, first order, second order, Pseudo order, half-life. Effect of temperature on rate of reaction. Arrhenius equation, concept of activation energy. **Catalysis:** Definition, types, and characteristics of catalysis, homogeneous, heterogeneous catalysis - Enzyme catalysis and its application. **Organic Qualitative Analysis:** Nature, Functional group, Element, Derivative, Physical constant
8	June 2020	**Liquid State:** Intermolecular forces, structure of liquids (a qualitative description). Differnce between solids, liquids and gases, Liquid Crystals:

		Classification, structure of nematic and cholestric phases. **Solid State:** Types of solids, Amorphous, crystalline and difference between them, Miller Indices, Laws of crystallography - (i) Law of constancy of interfacial angels (ii) Law of rationality of indices (iii) Law of symmetry. Symmetry elements in crystals. X-ray diffraction by crystals. Derivation of Bragg equation. **Organic Estimation:** • Phenol by Bromination • Estimation of basicity, molecular weight of organic acid
9	July 2020	**Colloidal State:** Definition of colloids, classification of colloids, Solids in liquids (sols) : properties - kinetic, optical and electrical; stability of colloids, protective action. Hardy - Schulze Law, Liquids in liquids (emulsions): types of emulsions, preparation, Liquids in Solids (gels) : classification, preparation and properties, general applications of colloids.

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2019-2020

Teacher Name – Mr. Ashishumar Prakash Katariya

Department - Chemistry

Class - M. Sc.

Paper – CHEO-314 (Organic Synthesis)

CHEO-417 (Retrosynthesis Approach)

Sr. No.	Month	Topic/ Practical's to be Completed
1	Oct. 2019	**Oxidation** • Oxidation of alcohol to aldehyde, ketone or acid: Jones reagent, Swern oxidation, Collins reagent, Fetizones reagent, PCC, PDC, PFC, IBX, Activated MnO2, Chromyl chloride (Etard reaction), TEMPO, CAN, NMO, Moffatt oxidation • Oxidative cleavage of Carbon-Carbon double bonds: KMnO4, Ozonolysis. • Allylic Oxidation: SeO_2, PhSeBr. (d) Selective cleavages at functional groups: Cleavage of glycols, $Pb(OAc)_4$. **Research Guidance to students for their Project Work**
2	Nov. 2019	**Reductions** • Catalytic Hydrogenation. • Reduction of nitriles, oximes, and nitro compounds. • Reduction of acids and Esters. • Reduction with metal hydride- Sodium cyanoborohydride, Diborane, LiBH4, DIBAL-H. • Reduction by dissolving metals- Sodium-alcohol, Sodium-Liq. Ammonia, Mg, Zinc-HCl or Acetic acid, Sn/Fe-HCl. • Reduction of aldehyde and ketones- Platinum, Raney nickel, NaBH4, $LiBH_4$. • Birch reduction and related reactions, Luche reagent, Wolf-Kishner reduction, Clemmenson reduction, Wilkinson catalyst,

		TBTH. **Research Guidance to students for their Project Work**
3	Dec. 2019	**Organic Reagents** Gilbert, DCC, EDC, DDQ, 1,3 Dithiane, LDA, DMDO, OSO_4, RuO_4, SmI_2, Dess-Martin, Periodinane, Borane Complexes, Diazomethane, Lawesson's reagent. **Research Guidance to students for their Project Work**
4	Jan. 2020	**Reaction Intermediates** • Ylides: Preparation and their synthetic applications along with their stereochemical aspects of Phosphorous, Sulphur and Nitrogen ylides. • Enamines: Generation & application in organic synthesis with mechanistic pathways, stork enamine reaction. • Enolates: Generation & reaction of enolates with aldehydes and ketones, Robinson annulations, Reformatsky reaction. **Research Guidance to students for their Project Work**
5	Feb. 2020	**Formation of Carbon-Carbon bonds via organometallic reagents Synthesis and its applications** Organo Lithium, Magnesium, Titanium, Cerium, Copper, Chromium, Zinc, Boron, Silicon, Cadmium, Rhodium.
6	April 2020	**Disconnection Approach** Introduction to: • Grounding of organic chemistry for understanding retrosynthesis. • Retrosynthetic analysis and designing of the synthesis. **Research Guidance to students for their Project Work**
7	May 2020	**Disconnection Approach** • Disconnection approach: An introduction to synthons, synthetic equivalents, disconnection approach, functional group interconversions, importance of order of events in organic synthesis, one and two group C-X disconnections, selective organic transformations: chemo selectivity, regioselectivity, stereoselectivity, enantioselectivity, Reversal of polarity,

		cyclization reactions, amine synthesis. **Protecting Groups** • Protection and deprotection of hydroxyl, carbonyls in aldehydes and ketones, amines, carboxylic acids, alkenes and alkynes. **Research Guidance to students for their Project Work**
8	June 2020	**C-C Disconnections** • One group C-C Disconnections. • Two group C-C Disconnections. • Ring Synthesis. **Research Guidance to students for their Project Work**
9	July 2020	**Complex molecules** Synthetic routes based on retrosynthetic analysis for following molecules: Longifoline, Reserpine, Juvabione, Amphidicoline, Taxol.

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2019-2020

Teacher Name - Dr. S. S. Patale **Department - Botany**

Class - B.Sc. T.Y. Theory & Practical

Paper - XVI (C) Plant Pathology & Paper XX(C) Microbiology and Disease Management

Sr. No.	Month	Topic/ Practical's to be Completed
1	June 2019	**Unit-1 Credit-1** **Fundamentals of plant pathology**: 1. Plant pathology – history, scope, losses due to pathogens, importance and need to study plant pathology 2. Classification of plant diseases on the basis of symptoms and causal organisms – animate and inanimate **Practical's: Unit-1 Credits-1.5** 1.Study of Koch's postulates – isolation, inoculation and disease development 2.Study of the following diseases with respect to symptoms, causal organism, disease cycle and disease management
2	July 2019	3. Plant pathological institutes – IARI (Indian Agricultural Research Institute), ICRISAT(International Crop Research Institute for Semi Arid Tropics) 4. Seed pathology – concept and importance of seed pathology, seed borne pathogens, methods to study seed borne pathogens 5. Study of air borne pathogens: methods and applications 6. Field and laboratory diagnosis of plant disease - Koch's postulates **Practical's:** 1) **Cereals:** a. Black stem rust of wheat b. Grain smut of jowar c. Ergot of bajra 2) **Pulses:** a. Wilt of pigeon pea b. Yellow vein mosaic of bean
3	August 2019	**Unit-2 Credit-2** **Plant diseases**: Study of the following diseases with respect to symptoms, causal organism, disease cycle and disease management: **1) Cereals:** a. Black stem rust of wheat

		b. Grain smut of jowar c. Ergot of bajra **2) Pulses**: a. Wilt of pigeon pea b. Yellow vein mosaic of bean **Practical's:** 3**) Vegetables:** a. Late blight of potato b. Little leaf of brinjal c. Black rot of onion (*Aspergillus*) 4) **Oil seeds:** a. Tikka disease of groundnut b. Damping off of mustard
4	Septem ber 2019	**3) Vegetables:** a. Late blight of potato b. Little leaf of brinjal c. Black rot of onion (*Aspergillus*) **4) Oil seeds:** a. Tikka disease of groundnut b. Damping off of mustard **5) Cash crops:** a. Grassy shoot of sugarcane **Practical's:** 5) **Cash crops:** a. Grassy shoot of sugarcane b. Downy mildew of grapes c. Angular leaf spot of cotton d. Citrus canker
5	October 2019	b. Downy mildew of grapes c. Angular leaf spot of cotton d. Citrus canker **6) Ornamentals:** a. Powdery mildew of rose **7) Weeds:** a. Rust of Euphorbia **8) Trees:** a. *Cercospora* on *Albizzia* fruits **Practical's:** 6) **Ornamentals:** Powdery mildew of rose 7) **Weeds:** Rust of Euphorbia 8) **Trees:** *Cercospora* on *Albizzia* fruits
6	Novem ber 2019	Unit-1 Credit-1 **1. Microbiology** Microorganisms in biological world, their classification and features of different groups (03) 2. **Microbial techniques**: a. Microscopy – simple, compound and electron microscope b. Micrometry – Principle, working and uses c. Staining – common stains used in pathology,their preparation and significance, (cotton blue and Gram's Stain)

		d. Sterilization of glasswares and media **Practical's:** 1. Study of fungicides as per theory syllabus 2. Preparation of Bordeaux mixture, burgundy mixture and Bordeaux paste 3. Study of insecticides with respect to active ingredient, colour code, formulation, mode of action, antidote and uses 4. Study of *Trichoderma* culture
7	December 2019	**3. Culture media for isolating plant pathogen** Industrial application of microorganisms - organic acids, alcohol,milk products, antibiotics and biopesticides **Unit-2 Credit-2** **Disease management**: **1**. Preventive methods: field sanitation, use of clean planting material, crop rotation, trap crops, time of sowing, planting distance and tillage **2. Control methods –** a. Seed treatment: concept, objective, traditional and modern methods of seed treatment b. Soil sterilization: concept, objectives and methods c. Fungicides: Definition, classification and ideal characteristics of fungicides, study of fungicides with respect to active ingredients, formulations, methods of application, mode of action and uses **Practical's:** 5. Study of plant protection equipments –pneumatic air pump, knapsack sprayer, mist blower cum duster 6. Principle and working of autoclave, laminar air flow, Tilak air sampler 7. Use of aerobiological techniques to study fungal spora (gravity slide method, Tilak air sampler) 8. Calibration of microscope and measurement of fungal spores
8	January 2020	i. Sulphur fungicides – Inorganic – Wettable sulphur, Organic – Thirum ii. Copper fungicides iii. Mercuric chloride – Agrosan – GN iv. Heterocyclic nitrogenous compounds – Captan v. Benzene compounds – Dexon vi. Antibiotics – Streptomycin and Aureofungin vii. Systemic – Bavistin and Vitavax d. Pesticides:Nicotin,Neem and pyrethrum e. Rhodenticides – Zinc phosphoid f. Nematicides- Nemagon, Propoxar g Weedicides- 2,4-D h. Biological control- definition, need, examples and role Plant quarantine **Practical's:** 9. Sketching of fungal spore by camera lucida technique 10. Detection of organic acids from healthy and infected leaves by circular paper chromatography 11. Detection of Amino acids from healthy and infected leaves by circular paper chromatography

		12. Study of pathogens in fruits from local market
9	February 2020	**3.** Control measures and environment: pollution due to chemicals, residual effects, toxicity, safe measures, colour code, antidote, symptoms of poisoning, precautions in using pesticides **4.** Pesticide application equipments: principle and working –pneumatic air pump knapsack sprayer, mist blower and duster, types of nozzles **5.** Plant clinic: Concept, objective and need **6.** Recent techniques in plant pathology: Genetically modified organisms (GMO's), B.T.Cotton, Pheromones **Practical's:** 13. Study of fungi from locally available seed samples 14. Preparation of sterile media - nutrient agar, potato dextrose agar 15. Preparation of stains and mounting media - cotton blue, lacto phenol and gram stain

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Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2019-2020

Teacher Name - Dr. S. S. Patale **Department - Botany**

Class - B.Sc. S.Y. Practical
Paper - IX(Taxonomy of Angiosperms) & Paper XV (Gymnosperms and Utilization of plants)

Sr. No.	Month	Topic/ Practical's to be Completed
1	June 2019	**Angiosperms:** Study of locally available plants of the following families : 1. Annonaceae 2. Malvaceae 3. Leguminosae
2	July 2019	a) Fabaceae (Papilionaceae) b) Caesalpiniaceae c) Mimosaceae
3	August 2019	4. Apocynaceae 5. Solanaceae 6. Acanthaceae
4	September 2019	7. Lamiaceae (Labiatae) 8. Nyctaginaceae
5	October 2019	9. Liliaceae 10. Poaceae (Gramineae)
6	November 2019	**Gymnosperms:** ***a) Cycas*** i. Habit, young leaf, bulbils, male cone, microsporophyll, megasporophyll, pollen grains, mature seed. ii. Study through permanent slides-Normal root (T.S.). Stem (T.S.), Ovule (L.S.) iii. Study through hand section-Coralloid root (T.S.), Rachis (T.S.), Leaflet (T.S.)
7	December 2019	***b) Pinus*** i. Habit, long and dwarf shoot, scale leaves, foliage leaves, male cone, female cone, pollengrains (W.M.), winged seed. ii. Study through hand sections and permanent slides Root (T.S.), Stem (T.S.),

		Needle (T.S.) iii. Study through permanent slide - T.L.S. & R.L.S. of stem, L.S. of male cone, L.S. of female cone
8	January 2020	**Palaeobotany:** a) Types of fossils (Specimens) b) *Lygynopteris* (Specimen / Permanent slide) **Utilization of plants :** a) Food plants – Study of the morphology, structure,and histochemical tests of food storing tissue in Jowar & Wheat b) Histochemical test of lignin and cellulose
9	Februar y 2020	c) Vegetable oils – hand section of Groundnut & Sunflower Seed and staining of oil droplets by Sudan III d) Study of the sources of Timber, Gum, Medicinal plants, Cosmotics and Perfumes e) Study of Black pepper, Clove, Cinnamon, Cumin, Coriander f) Field notebook, specimen collection, and tour report.

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DEPARTMENT OF ZOOLOGY

TEACHING PLAN 2019-2020

NAME OF THE FACULTY: DR. ABDAR R.N. **CLASS: B.Sc. III &IV Semester**

Months	Topic Taught	Periods
	Paper No. IX III - Semester	
July	Agnatha: - Out line classification and general characters of cyclostomata. Pisces: - Out line classification and general characters. Scoliodon: - External characters, Digestive system, Respiratory system, Blood Vascular System and Nervous System.	09
August	Amphibia: - Out line classification and general characters. Development of frog: - Fertilization Cleavage Blastula Gastulation and formation of germinal layers. Neotony Parental care in amphibia. Reptilia: - Out line classification and general characters. Calotes:-External features, Respiratory system and Blood vascular system. Poisonous and non- poisonous snakes.	12
September	Aves: - Out line classification and general characters. Columba livia: - External features, Respiratory system, Embryology of chick.-Cleavage Blastula Gastulation and formation of germinal layers and extra embryonic membranes. Flight adaptation in birds. Migration in Birds.	12
October	Mammalia: - Out line classification and general characters. Ratus ratus: - External features, Blood Vascular System, Urino-genital System and Adaptive radiation in mammals. Placentation in Mammals.	12
	Paper No. XIII IV - Semester	
December	Digestion: - Brief Introduction to digestive system. Buccal digestion - salivary secretion and digestion. Gastric digestion - gastric secretion and digestion. Intestinal digestion - Pancreatic secretion, bile juices and digestion in Small intestine, Digestion and absorption in large intestine. Respiration: - Respiratory organs. Breathing mechanism. Respiratory pigments: - Properties and function of respiratory pigments.	12
January	External respiration. Internal respiration. Transport of gases. Circulation: - Working of mammalian heart. Blood and its composition. Mechanism of blood clotting. Excretion:-Structure of kidney. Structure of uriniferous tubules.Urine formation: - Ultra filtration selective, re-absorption and tubular secretion. Counter current multiplier system.	09
February	Nerve Physiology: - Structure of nerve cells and neuron. Neuro transmitters. Synapses: - Ultra structure and function.Muscles Physiology: - Ultra structure of smooth muscle, striated muscles, and cardiac muscles. Muscle contraction. Simple twitch and fatigue	18
March	Reproduction: - Structure of gonads, Gametogenesis. Role of sex hormones in Reproduction. Reproductive cycles – estrous and menstrual cycle	06

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DEPARTMENT OF ZOOLOGY

TEACHING PLAN 2019-2020

NAME OF THE FACULTY: DR. ABDAR R.N. **CLASS: B.Sc. I &II Semester**

Months	Topic Taught	Periods
	Paper No. I **I - Semester**	
July	Introduction to animal kingdom, Definition of Zoology, Outline classification Protozoa, Parazoa, Metazoa and Major Phyla.Protozoa : - General characters Plasmodium vivax: - Structure of sporozoite, Life cycle; pathogenecity, Control, Prevention and Treatment of Malaria. Entamoeba histolytica: Structure, Life cycle and Control. Euglena: Morphology and Reproductive system.	12
August	Porifera : - General characters Sycon (Scypha): - Morphology, Different types of cells in sycon, canal system in Porifera. Coelenterata: - General characters Obelia: - Morphology of Obelia colony, Development of Hydra, Polymorphism in coelenterates.	10
September	Helminths : - General characters Fasciola hepatica: - Structure, Life cycle, Pathogenecity & Control Measures Taenia solium: - Structure of scolex, Mature and gravid proglottids, Life cycle, pathogenecity, and control measures.	12
October	Ascaris lumbricoides: - Structure of male & female, Life cycle, Pathogenecity & control measures. 6. Annelida: - General characters Leech: - Morphology, Digestive, Excretory & Reproductive systems.	11
	Paper No. V **II - Semester**	
December	Arthropoda: - General characters Prawn: - Structure, Digestive, Nervous, & Reproductive systems. Cockroach: External Characters, Digestive, Respiratory and Reproductive systems.	12
January	Mollusca: - General characters Pila: - External Characters, Respiratory, Circulatory, Nervous and Reproductive systems 3. Echinodermata : - General characters	10
February	Asterias (Sea Star): - Morphology of oral & aboral view, Water vascular system, Reproductive system including development. General characters and Classification of Protochordata .Amphioxus: - External features, Digestive, Circulatory, Reproductive systems including development.	18
March	Hemichordata: - General characters and affinities Herdmania: - General characters and morphology	05

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TEACHING PLAN 2019-20

NAME OF THE FACULTY: DR. JADHAV S.S. **CLASS: B.Sc. I &II Semester**

Months	Topic Taught	Periods
	Paper No. II I - Semester	
July	Structure of Prokaryotic Cell, Structure of Eukaryotic Cell, Cell Cycle, Mitosis, Meiosis.	12
August	Structure and function: Endoplasmic Reticulum, Golgi Bodies, Nucleus, Lysosome, Ribosome.	10
September	Mitochondria: Morphology{Ultra Structure and Biogenesis} DNA Structure, Types of RNA, Cytology of Cancer and Types.	10
October	Light Microscope, Phase Contrast Microscope, Electron Microscope, Micro technique, Fixation, Staining	13
	Paper No. VI II - Semester	
December	Definition of Genetics and Variation, Mendel's Law of Heredity, Epitasis, Supplementary gene, Complementary gene. Spontaneous and Induced mutation Coat Colour in Rabbit, ABO Blood group in man, Rh factors	14
January	Definition of Maternal Effect, coiling shell in Snail, Male sterility. Chromosomal aberration {Structure and numerical}, Spontaneous and Induced mutation Co2 sensitivity in Drosophila, Kappa Particles in paramecia Chromosomal theory in sex determination	12
February	Gene balance theory of sex determination. Triploid intersexes and Gynandromorphs in Drosophila, Mutation, Gene Mutation:	14
March	Gene Mutation: Definition and Classification, Chromosomal aberration {structure and numerical}.	05

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TEACHING PLAN 2019-20

NAME OF THE FACULTY: DR. JADHAV S.S. CLASS: B.Sc. III & IV Semester

Months	Topic Taught	Periods
	Paper No. X **III Semester**	
July	Definition, concept and function of gene, Transcription of gene: - Initiation, elongation and termination. Genetic code: - Concept of codon, properties of genetic code, Translation of gene: - Initiation, elongation and termination.	09
August	Gene Pool., Gene Frequency, Herdy-weinberg's Law, Application of Herdy-weinberg's Law, Human chromosomes, Sex linked inheritance- X and Y Linked, Dizygotic and monozygotic twins, Inborn errors in metabolism: - PKU, Albinism.	12
September	Genetic disorders: - Down's syndrome, Turners' syndrome Klinefelter's syndrome, Use of human genetics in medical science: - Disease diagnosis Gene therapy and DNA finger printing, Microbial Genetics: - Transformation, Conjugation, Transduction.	12
October	Genetic Engineering: - Introduction: - Definition, Concept and significance. Restriction enzymes: - Concept and types. Cloning vectors: - Plasmid, Cosmid, phase. Construction of r-DNA. Application of r-DNA technology	12
	Paper No. XIV **IV Semester**	
December	Definition, concept and nomenclature, Properties, classification, Mechanism of enzyme action, Factors affecting enzyme action (Temperature, pH, Substrates & Co-enzyme.) Adrenal gland: - Morphology & histological structure, Hormones and their function. Pancreas: - Islets of langarhance- Histological structure Hormones and their function. Carbohydrates: - Definition Classification monosaccharide, disaccharides, oligosaccharides and polysaccharides.	14
January	Metabolism: - Glucogenesis, Gluconeogenesis, Glycolysis, TCA. & oxidative phosphoration. Proteins :- Definition , classification -simple , conjugated and derived proteins, Structure of proteins: - Primary, secondary, tertiary and quartery. Metabolism: - Deamination and transamination Definition, classification, simple, compound and derived lipids. Metabolism: - β oxidation and cholesterol biosynthesis	16
February	Vitamins: - Sources and deficiency. Endocrine system of vertebrates: - Introduction: - Definition of endocrine, Paracrine and Autocrine system. Significance of endocrine and neuro - endocrine system.	10
March	Pituitary gland: - Morphology & histological structure, Hormones and their function. Thyroid gland: - Morphology & histological structure	05

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DEPARTMENT OF ZOOLOGY

TEACHING PLAN 2019-2020

NAME OF THE FACULTY: DR. VAIDYA V.V. **CLASS: B.Sc. V Semester**

Months	Topic Taught	Periods
	Paper No. XVII V Semester	
July	Definition, basic concept, terminology used in ecology. Abiotic environmental factors: Temperature; Concept, temperature fluctuation in different environment. Range of temperature tolerance, effect of temperature on animals, Thermal adaptation. Light-Concept, Light variation in different environment, effect of light on animals. Adaptation to salinity and moisture	10
August	Biotic environmental factors: - Composition: - Definition, types, intraspecific and interspecific composition. Predation: - Definition, characteristics of predation. Commensalisms: - Definition and types with examples. Mutualism: - Definition and example. Parasitism: - Definition and types with examples.	08
September	Population: - Definition and basic concepts, Characteristics of population; Density, Natality, Mortality, Dispersion and Age distribution. Population growth. Population regulation. Community: - Definition, basic concept and types. Structure of community; producer, consumers and decomposers. Characters; ecological niche, diversity, abundance, dominance, ecotone, edge effect. Community succession; example of succession and climax	12
October	Ecosystem: - Definition, concept and types. Components of ecosystem, Dynamics of ecosystem: - primary production, secondary production, food chain, food web, tropic level, energy of flow, ecological pyramids. Brief introduction to major ecosystems: - Marine ecosystem, Pond ecosystem, Forest ecosystem and Desert ecosystem	15
	Paper No. XVII C V Semester	
December	Introduction to Economic entamology. Methods of collection and preservation of insect. Type study of grasshopper- systematic position, external morphology, digestive, nervous, reproductive system including development.	12
January	Insect –orders (general characters) Thysanura Collembella Lepidoptera Diptera Coeloptera Hymenoptera	12
February	House hold and Human insect pest:- Bed bugs, Mosquito, Rat Flea, and House fly, Cockroach, Pediculus. Metamorphosis in insect, types of metamorphosis with example	12
March	Insect Culture (gross study) Apiculture, Sericulture and lac culture	08

Vaidya V.V.

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DEPARTMENT OF ZOOLOGY

TEACHING PLAN 2019-2020

NAME OF THE FACULTY: DR. VAIDYA V.V. **CLASS: B.Sc. VI Semester**

Months	Topic Taught	Periods
	Paper No. XXI **VI Semester**	
July	Concept of organic evolution: - Definition and concept. Theories of organic evolution in brief; Preformation theory, Bear's Law, Biogenetic law, catastrophism, Lamarckism, Darwinism and Germplasm theory. Origin of Life: - Definition, Abiogenesis, Biogenesis. Chemical evolution of life. Evidences of Organic Evolution: - Anatomical evidences. ¾ Embryological evidences.	12
August	Darwinism: - Introduction: - Natural selection theory, Artificial selection theory and sexual selection theory. Elemental forces of evolution: - Mutation: - Concept and role in evolution. Recombination: - Concept and role in evolution. ¾ Natural selection: - Concept and role in evolution. Isolation: - Concept and role in evolution. Genetic Drift. : - Concept and role in evolution	12
September	Basic patterns of evolution: - Sequential and divergent evolution. Microevolution: - Concept, silent features and mechanism with example. Macro evolution: - Concept, silent features and mechanism with example. Mega evolution: - Concept, silent features and mechanism with example.	12
October	Species and speciation: - Species: - Morphological concept, Genetical concept, biological concept of species, Speciation: - Definition, concept, mechanism of speciation. Allopatric, Sympatric and Parapatric speciation. Fossils: - Definition, fossil formation, Types of fossils.	10
	Paper No. XXII C **VI Semester**	
December	Pest Management pest –Definition, types of pest, agricultural, veterinary and medical pest. Study of major crop pest: - Classification, Characters. Jawar-Stem borer, Midge flies	12
January	Cotton- Red cotton bug, pink bollworm Groundnut-White grub, pod sucking bug Sugarcane- Pyrilla, Stem borer. III Study of Stored grain pests: 08 Rice weevil, pulse bettle	12
February	Control measures of insect pest. Methods of control measures-Chemical, Biological, integrated pest management. V migration of insect.	11
March	Insecticides and plant protection appliances like Hand compression spray, Hand rotating duster, bucket pump	10

Vaidya V.V.

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Dr. Y.B. Kasal

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class F.Y.B.Sc. Paper (I) Mechanics, Properties of Matter and Sound

Sr. No.	Month	Topics / Practicals to be Completed
1	June 19	C-1 Mechanics, Compound Pendulum. expression.
2	July 19	Interchangeability of centre of suspension and oscillation Kater's pendulum, Newton's law of Gravitation, Gravitation field, Gravitational potential, Gravitational potential of mass, Gravitational Potential and field due to spherical shell and solid sphere at a point, outside, inside and on the surface.
3	Aug. 19	Elasticity:- Introduction, Moduli of Elasticity, Twisting couple on a cylinder, Bending of beam, Bending moment, cantilever loaded at free end, (a) when weight of beam is ineffective. (b) when weight of beam is effective, Depression of Beam loaded at centre. P III - Expt: 1 to 8

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class F.Y.B.Sc. Paper (I) Mechanics properties of Matter and Sound

Sr. No.	Month	Topics / Practicals to be Completed
4	Sept. 19	Viscosity and surface Tension Introduction, energy of liquid in motion, Bernoulli's Theorem, Practical applications (i) law of hydrostatic pressure (ii) Filter Pump, Poiseuille's formula. S.T. Intro of pressure across a curved surface, Determination of S.T. by Jaeger's method. PIII - Expt 1 to 8
5	Oct. 19	Ultrasonic and Acoustics - Piezoelectric effect, Piezoelectric generator, Magnetostriction effect Magnetostriction oscillator, Applications of Ultrasonic - Depth of sea, Chemical effects, Medical Applications Acoustics - Reverberation, Acoustical depends of an Auditorium, Sabine's Law, Derivation of Reverberation time, condition of good acoustical designs of room. P-III Expt. No 1 to 8

Dr. Y. B. Rasal

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MONTH WISE TEACHING PLAN

Class F.Y.B.Sc Paper (IV Geometrical and physical optics

Sr. No.	Month	Topics / Practicals to be Completed
6	NOV 19	C-I Cardinal points of optical system - Focal points, Principal points, Nodal points and
7	DEC 19	Corresponding planes, Coaxial lens system - equivalent focal lengths and Cardinal points Huygen's Eyepiece, Ramsden's eyepiece and their cardinal points. P-VI - Expt. 1 to 8 C-II Interference in thin film due to reflected and transmitted light, wedge shaped thin film, Newton's rings by reflected light, determination of wavelength, Michelson's
8	Jan 20	interferometer, type of fringes, determination of wavelength and difference in wavelength.

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MONTH WISE TEACHING PLAN

Class F.Y.B.Sc. Paper (IV) Geometrical & physical optics

Sr. No.	Month	Topics / Practicals to be Completed
		C-III Diffraction - Introduction, Diffraction at a thin wire, Fraunhofer diffraction at double slit, plane transmission grating Determination of wavelength, Resolving power of optical instruments, R.P. of prism and gratings. P-VI Expt. 1 to 8
9	Feb 20	C-IV Polarization - Introduction Malus law, Double refraction, Huygen's theory of double refraction in uniaxial crystal, Nicol prism, optical activity, Fresnel's theory of optical rotation, Laurentz's half shade polarimeter, Determination of specific rotation of sugar solution. P-VI Experiment no 1 to 8.

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MONTH WISE TEACHING PLAN

Class S.Y.B.Sc Paper (VIII) Modern and Nuclear Physics

Sr. No.	Month	Topics / Practicals to be Completed
1	June 19	C-1 Photoelectric Effect - Ind^n, Lenard's method to deter mine e/m for photoelectrons,
2	July 19	Richardson and Compton expt Relation between Photoelectric Current and retarding potential Relation between velocity of photoelectrons and frequency of light, photoelectric cells (1) photoemissive cell (2) Photo voltaic cell (3) photoconductive cell, Applications of photoelectric cells. P-IX+XIII & X+XIV -Expt 1 to 8
3	Aug. 19	X-rays, Introduction, The absorption of x-rays, Laue's experiment, Bragg's Law, The Bragg's X-ray spectrometer, Powder crystal method, The Laue method, X-ray spectra, Main features of continous X-ray Spectrum, Characteristic X-ray
4.	Sept. 19	spectrum, P-IX+XIII & X+XIV Expt 1 to 8 C-III, Introduction, B.E., Nuclear stability, Nuclear forces, Meson theory of nuclear forces, Liquid drop model, Shell model, Energy

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MONTH WISE TEACHING PLAN

Class S.Y.B.Sc Paper (XII) Solid state physics

Sr. No.	Month	Topics / Practicals to be Completed
		released in Fission, chain reaction Atom bomb, Nuclear reactors, Nuclear fusion, source of stellar energy P-IX+XIII & X+XIV Expt 1 to 8
5	Oct. 19	Particle Accelerators & Detectors Linear accelerator, Cyclotron, Synchrocyclotron, Betatron, Ionisation chamber, Proportional counter, G-M. Counter.
6	Nov 19	C-1 introduction, crystal lattice plane lattice, space lattice, translation Vectors, Unit cell, Basis, symmetry operations,
7	Dec 19	point groups and space groups, types of lattices, lattice directions and planes, Miller Indices, inter planer spacing, Simple crystal structure. C-2 introduction, concept of interatomic forces, cohesive energy, types of bonding, Primary bonds, secondary bonds The Krönig-Penney model, P-XIII & XIV Expt 1 to 8

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MONTH WISE TEACHING PLAN

Class S.Y.B.Sc. Paper (XII) SSP

Sr. No.	Month	Topics / Practicals to be Completed
8	Jan 20	E. Vs. K relationship, different representations of Brillouin model. C-3 Classical theory of lattice heat capacity, Einsteins theory of lattice heat Capacity Debye's model of lattice heat capacity, density of modes limitations of Debye's model. P- XIII & XIV - Expt. 1 to 8
9	Feb. 20.	C-4. Drude- Lorentz's Classical theory, electrical conductivity, thermal conductivity, Wiedemann Franz law Significance of Fermi energy level, Hall effect, Hall voltage and Hall coefficient experimental determination of Hall coefficient, Importance of Hall effect. P- XIII & XIV - Expt. 1 to 8

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MONTH WISE TEACHING PLAN

Class T.Y.B.Sc. Paper (XV) Classical and Quantum Mechanics

Sr. No.	Month	Topics / Practicals to be Completed
1	June 19	Classical Mechanics- Mechanics of Particle, Mechanics of system of Particles, constraints, classification of constraints, Virtual work.
2	July 19	D'Alembert's principle, Lagrange's equation, Simple application of Lagrangian formulation- Simple pendulum, Particle in space, Linear Harmonic oscillator, Atwood's machine. P- XVII & P-XVIII 1 to 8 C-2 origin of Quantum Theory - Intro, Failure of classical mechanics, Black body Radiation, Planck's quantum theory - Plank's quantum postulates, Linear momentum of photon in terms of wave vector.
3	Aug 19	Plank's Radiation law - Wein's law and Rayleigh's law, Einstein's Equation: Quantum theory of photoelectric effect, quantum effect C-3 Wave Particle duality - Introd de-Broglie's hypothesis for matter waves, de-Broglie's wavelength in terms of energy and temperature P- XVII & XVIII - Expt. 1 to 8

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MONTH WISE TEACHING PLAN

Class T.Y.B.Sc Paper (XV) Classical and quantum Mechanics

Sr. No.	Month	Topics / Practicals to be Completed
4	Sept-19	de-Broglie phase velocity and Particle velocity. Group velocity, Relation between group velocity and Phase velocity, Davission-Germer Experiment, Heisenberg uncertainty principle, Applications of Heisenberg uncertainty Principle (1) Non existence of electrons in nucleus (2) Binding Energy of an electron in an atom. C-4 The Schequ and applⁿ- Wave function (ψ) of a moving Particle, P-XVII & XVIII - 1 to 8
5	Oct-19	Time dependent schrodinger wave equation, Expectation value, operators Time - independent schrodinger equation, particle in 1D box, quantisation of energy and momentum.

P-XVII & XVIII - Expt. 1 to 8

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MONTH WISE TEACHING PLAN

Class T.Y.B.Sc. Paper (XIX) Atomic and Molecular Physics and Lasers

Sr. No.	Month	Topics / Practicals to be Completed
6	NOV 19	C-1 Introduction, Thomson atom model, the Rutherford nuclear atom model, drawbacks of Rutherford atomic model, the Bohr's atom model, Bohr theory of origin of spectral lines, diagrammatic representation of the series spectrum of the H atom in the light of Bohr theory. C-2 Introduction Vector atom model, Quantum numbers associated with the vector atom model, L-S coupling, J-J coupling, the Pauli exclusion principle, Selection rules, Intensity Rules,
7	Dec 19	Interval rule, Normal Zeeman effect, Anomalous Zeeman effect, Stark effect and its experimental effect.
8	Jan 20	

P-XXI & P-XXII Expt. 1 to 4

P-XXI & XXII Expt 1 to 8

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MONTH WISE TEACHING PLAN

Class T. Y. Paper (XIX) Ato. & Mole. phy. & Lasers

Sr. No.	Month	Topics / Practicals to be Completed
9	Feb. 20	C-3 Introduction, origin of Pure Rotational spectrum of a molecule, origin of Vibration - Rotation, spectrum of a molecule, Rayleigh's law of Scattering, Raman effect discovery, experimental study, Application of Raman effect- Molecular structure, Nature of liquids, crystal physics, Nuclear physics, chemical effect C4 Introduction, induced absorption, Spontaneous emission, stimulated emiss, Population Inversion, Proper of Laser beam, Laser pumping Types of Laser- Ruby Laser, He-Ne Laser, Carbon dioxide laser, Applications of Lasers Biological, Medical and Industrial.

P- XXI & XXII - Expt. 1 to 8

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Month Wise Teaching Plan 2019-2020

Teacher Name – Dr. Aruna M. Kulkarni
Department-Mathematics

Class - B.Sc.-III **Paper – Algebra**

Sr. No.	Month	Topic/ Practical's to be Completed
1	June 2019	SEM-V Definition of Group, Examples of Groups, Preliminary lemmas, Subgroups.
2	July 2019	A counting Principal, Normal Subgroups, Quotient Groups.
3	August 2019	Homomorphism, Automorphism.
4	September 2019	Definition and examples of Ring, Some special classes of Ring Ideals and Quotient Rings, More Ideals and Quotient Rings,
5	October 2019	Polynomial Rings, Examinations
6	Nov. 2019	Examinations
7	December 2019	SEM-VI Vector Spaces, Elementary Basic Concepts, Examples of Vector Spaces. Linear Independence and Bases.
8	Jan. 2020	Dual Spaces
9	Feb. 2020	Inner Product Spaces, Modules.
10	March 2020	Examinations

Dr. Aruna M. Kulkarni.

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2019-2020

Teacher Name – Dr. Aruna M. Kulkarni
Department-Mathematics

Class - B.Sc.-III **Paper – Ordinary Differential Equations**

Sr. No.	Month	Topic/ Practical's to be Completed
1	June 2019	SEM-V Complex Numbers, Functions, Polynomials, Complex Series and exponential function, Determinants.
2	July 2019	Linear Equations of First Order Differential Equations, Linear equations of First Order. The equation y`+ay = 0, The equation y`+ay= b(x).
3	August 2019	The equation y`+ay = 0, The equation y`+ay= b(x), The general equation of the first order.
4	September 2019	Linear Equations with Constant Coefficients. Introduction, The Second order homogeneous equation, Initial value problems for Second order equations.
5	Oct.2019	The non-homogeneous equation of order two. Examinations
6	Nov. 2019	Examinations. SEM-VI Linear equations with variable coefficients.
7	Dec.2019	Initial value problems for the homogeneous equation, solution of the homogeneous equation. The Wronskian and Linear Independence.
8	Jan. 2020	Reduction of the order of Homogeneous equation, the non homogeneous equation , Homogeneous Equation with analytic coefficient. The Legendre equation.
9	Feb. 2020	The Euler equation, Second Order equation with regular singular points.
10	March 2020	The Bessel's Equations. Examinations.

Dr. Aruna M. Kulkarni.

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2019-2020

Teacher Name – Dr. Aruna M. Kulkarni
Department-Mathematics

Class - B.Sc.-I **Paper – Calculus**

Sr. No.	Month	Topic/ Practical's to be Completed
1	June 2019	SEM-I Ch-1 Prerequisite and Differentiation
2	July 2019	Ch-2 Successive Differentiation
3	August 2019	Ch-3 Mean Value Theorems
4	September 2019	Ch-4 Partial Differentiation.
5	Oct.2019	.Differential Operators. Examinations
6	Nov. 2019	Examinations. SEM-II
7	Dec.2019	Integral Transforms. Methods of Integration. Integration of Algebraic Rational Functions.
8	Jan. 2020	Integration of Trigonometric functions. Areas of plane Regions.
9	Feb. 2020	Rectification, Length of Plane Curve
10	March 2020	. Volumes and Surfaces of Revolution. Examinations.

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Shri Amolak Jain Vidya Prasarak Mandal's

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Month Wise Teaching Plan 2019-2020

Teacher Name – Dr. Aruna M. Kulkarni
Department-Mathematics

Class - B.Sc.-II **Paper – Mechanics**

Sr. No.	Month	Topic/ Practical's to be Completed
1	June 2019	SEM-III Ch-1 Forces Acting on a Particle.
2	July 2019	Ch-2 Equilibrium of Forces Acting on a Particle.
3	August 2019	Equilibrium of Forces Acting on a Particle.
4	September 2019	Ch-3 Forces Acting on Rigid Body.
5	Oct.2019	Ch-4 Centre of Gravity .Examinations.
6	Nov. 2019	Examinations. SEM-IV
7	Dec.2019	Kinematics and Dynamics of a Particle in two Dimensions
8	Jan. 2020	Kinetics of a Particle. Motion of a Projectile and Motion in Resisting Medium.
9	Feb. 2020	Central Orbits.
10	March 2020	Examinations.

Dr. Aruna M. Kulkarni.

Sem I (2019-2

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class F.Y. **Paper** (102) ODE

Sr. No.	Month	Topics / Practicals to be Completed
1.	June	Admissions Going
2.	July	Pre-requisites, Intro to ODE, Eq of first order & degree
3.	August	Linear eq with constant & variable coefficient
4.	September	All methods of finding PI & Derivation of PDE
5.	October	Examples Solving, Revision

Sem I (2019-20)

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class S.y. Paper (30) Number Theory

Sr. No.	Month	Topics / Practicals to be Completed
1.	June	Introduction, Division Algorithm & theory
2.	July	GCD, Euclidean Algo
3.	August	Diphontine eq^n $ax+by=c$, Theory of Congruences
4.	September	Fermat's thm, Euler's thm, Wilson's thm, Examples on it
5.	October	Inversion formula, Mobius function thm & examples on it.

Sem I (2019-20)

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class S.Y. Paper (302) Integral Transforms

Sr. No.	Month	Topics / Practicals to be Completed
1.	June	Introduction to β & Γ functions, Elementary Properties & Relation betn β & Γ function
2.	July	Laplace Transform, Examples on it
3.	August	Convolution thm with proof & Examples on it
4.	September	Inverse L.T., Application of DE.
5.	October	Fourier Transform, Examples Solving, Revision

Sem I (2019-20)

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class ..TY..... Paper (501) .....Real Analysis.....

Sr. No.	Month	Topics / Practicals to be Completed
1.	June	Introduction to set theory, Operations on set
2.	July	Functions
3.	August	Sequence of real no thm, Example.
4.	September	Series of real no. thm, Exercise
5.	October	Jacobians, Revision

Sem II (201

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MONTH WISE TEACHING PLAN

Class ....F.y..... Paper (202) .....Geometry.....

Sr. No.	Month	Topics / Practicals to be Completed
1.	November	Pre-requisites, Introduction.
2.	December	Right Line, Eq^, Examples on it
3.	January	Sphere, Cone Thms Exercise
4.	February	Central Conicoids Ex
5.	March	Exercise, Examples Revision

Sem II (2019-20)

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MONTH WISE TEACHING PLAN

Class ..Sy..... Paper (401) ....Numerical Methods.....

Sr. No.	Month	Topics / Practicals to be Completed
1.	November	Introduction, Solution of Algebraic & Transcend-ental equation.
2.	December	Interpolation, Examples
3.	January	Curve fitting & Approximations, Solution of Linear system of eq^
4.	February	Numerical sol^ to ODE, Examples
5.	March	Doubt Solving, Ex., Revision

Sem II (2019-20)

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class S.y. **Paper** (402) PDE

Sr. No.	Month	Topics / Practicals to be Completed
1.	November	Pre-requisites of PDE, Introduction to PDE
2.	December	PDE of linear eq of order 1
3.	January	Non-linear PDE of order 1, Examples on it
4.	February	Linear PDE non-homogeneous with constant coefficient, variable coeff
5.	March	Examples Solving

Sem II (2019-20)

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class ..T.y..... **Paper** (601) .....Real Analysis - II.....

Sr. No.	Month	Topics / Practicals to be Completed
1.	November	Metric Spaces, Examples
2.	December	Limits in Metric Spaces, Examples
3.	January	Continuous function on metric spaces, Connected
4.	February	Completness, Compactness thm, Ex, Fourier Series
5.	March	Revision, Examples solving

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2019-2020

Teacher Name – Asst. Prof. Hase S. R. **Department – Computer Science**

Class - FYBSc **Paper – CSO1 & CSO4**

Sr. No.	Month	Topic/ Practical's to be Completed
1	June 2019	**Fundamentals of Computer System** • Introduction • Characteristics & features of Computers. • Components of Computers. • Organization of Computer
2	July 2019	**Algorithm and Flowcharts** • Algorithm • Definition • Characteristics • Advantages and disadvantages • Examples **Flowchart** • Definition • Define symbols of flowchart • Advantages and disadvantages o Examples
3	August 2019	**Computer Generation & Classification** • Generation of Computers: First to Fifth • Classification of Computers • Distributed & Parallel computers **Computer Languages** • Types of Programming Languages • Machine Languages • Assembly Languages • High Level Languages • Assembler, Linker, Loader, Interpreter & Compiler. **Computer Memory** Memory Cell & Organization 2/4 Types of Memory (Primary And Secondary) RAM ROM PROM EPROM Secondary Storage Devices (FD, CD, HD, Pen drive, DVD, Tape Drive, DAT) **I/O Devices** Input Devices • Touch screen, OMR, OBR, OCR, Light pen Output Devices • Scanners, Digitizers, Plotters, LCD • Plasma Display, Printers

4	September 2019	**Processor** • Structure of Instruction • Description of Processor • Processor Features • RISC & CISC 2/5 **Operating system Concepts** • Why Operating System • Functions of Operating System • Types of Operating System • Batch O.S. • Multiprogramming O.S. • Time Sharing O.S • Personal Computers O.S. • Network O.S.
6	November 2020	**Introduction to Software** Software: Definition classification and components of software operating system as the main component of system software;
7	December 2020	**Operating System Fundamental** • Operating Systems: OS as a resource manager, Structure of OS, OS functions, Characteristics of modern OS. • Types of O.S.: Early systems, simple batch systems, multiprogrammed batch systems, Time sharing system, Personal Computer systems, Parallel systems, Distributed systems, Real time systems • OS Structures: Components of OS: Process management, Memory management, Storage management, File management, I/O management.
8	January 2020	**Process Management** • Concept of Process: Process State, Operation on Processes, thread. • CPU Scheduling: Types of Schedulers, Criteria for scheduling, Scheduling Algorithms. Process Synchronization: Need for synchronization, Critical Section, Hardware Synchronization, Semaphores, Monitors, Problem of synchronization. • Deadlocks: Concept of Deadlock, Deadlock Modeling, Methods for Handling Deadlock
9	February 2020	**Storage Management** • Memory Management: Address Binding, Logical vs. Physical Address space, Memory Allocation, Paging, Segmentation, Segmentation and paging of Intel Pentium. • Virtual Memory: Demand Paging, Page replacement Algorithms (FIFO, Optimal, LRU), Virtual Memory in windows Xp. • File System Interface: Files, File Access, Directory Structure, Protection • Implementation of File System: Allocation Methods, Free space Management **I/O System** • I/O System Components : I/O Devices , I/O Hardware , Application I/O interface • Secondary Storage Structure : Disk fundamental, Disk Scheduling , Disk Management

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2019-2020

Teacher Name – Asst. Prof. Hase S. R. **Department – Computer Science**

Class - FYBSc **Paper – CSO2 & CSO5**

Sr. No.	Month	Topic/ Practical's to be Completed
1	June 2019	**Number Systems and Arithmetic** Decimal Number System & Binary Number System Decimal to Binary conversion(Double-dabble method only) Binary to Decimal Conversion Binary Arithmetic : Binary addition, subtraction, multiplication & division Hexadecimal number system , Hexadecimal to binary, binary to Hexadecimal, Hexadecimal to decimal conversion Hexadecimal arithmetic: Addition, subtraction, multiplication & division Binary subtraction using 1' complement, 2's complement method
2	July 2019	**Boolean Algebra and Logic Gates** Postulates of Boolean Algebra Theorems of Boolean Algebra: Complementation , commutative, AND, OR, Associative, Distributive, Absorption laws , De morgan's theorems Reducing Boolean expressions 1 Logic Gates : AND, OR, NOT, Ex-OR, Ex-NOR NAND as Universal building block Logic diagrams of Boolean expressions Boolean expressions for logic diagram
3	August 2019	**Minimization Techniques** Introduction , Minterms and Maxterms 1 K-Map, K-map for 2 variables K-map for 3 variables K-map for 4 variables Combinational and Arithmetic Logic Circuits Half Adder & Full Adder Binary parallel Adder Half Subtractor, Full Subtractor Adder/Subtractor in 2's complement system BCD to Decimal decoder 2 : 4 demultiplexer 4 line to 1 line multiplexer
4	September 2019	**Flip Flops** Introduction : RS FF Clocked RS FF, D FF Triggering, preset and clear JK FF , T FF , Race around condition Master slave FF **Counters** Introduction : Asynchronous/ ripple counter Modulus Counter , MOD-12 counter Synchronous counter : Synchronous serial & synch parallel counter BCD counter Ring counter Johnson counter **Shift Registers** Introduction, Buffer register 1 Serial- in serial –out, Serial-in parallel-out 1 Parallel-in serial-out, parallel-in parallel-out

5	November 2020	**Introduction** • An Overview of C , History of C language, • C as a Structured Language, Features of C. Basic Elements & Operators • Character set, C Token, Identifier & Keywords, Variables • Constant and its types. Integer constant, floating point constant, character constant, string constants. • Operators: Arithmetic, Relational, Logical, Unary operators: Increment & decrement Assignment and Conditional operator. • Precedence & Associatively of Operators
6	December 2020	**Data Types** • Data Types: int, char, float, double. Declaration & Initialization. • Type modifiers: long, short, signed and unsigned C Program & I/O statements • Structure of C Program, Compilation & Execution of C program I/O: Introduction, Formatted Input/Output function: scanf & printf, Escape sequence characters. • Library functions: General used & Mathematical.
7	January 2020	**Control and Iterative Statements:** • Simple if, nested if, if-else, else if ladder • Switch-case statement • The conditional expression (? : operator) • while and do-while loop, and for loop • break & continue statement, goto statement
8	February 2020	**Arrays:** • Introduction, Declaration and initialization Accessing array elements, Memory representation of array. • One dimension and multidimensional arrays, character array, Introduction to string Functions Introduction, types of functions. Defining functions, Arguments, Function prototype, actual parameters and formal parameters, Calling function, Returning function results, Call by value, Recursion.

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Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2019-2020

Teacher Name – Asst. Prof. Hase S. R. **Department – Computer Science**

Class - SYBSc **Paper – CS07& CS11**

Sr. No.	Month	Topic/ Practical's to be Completed
1	June 2019	**Functions** Introduction, types of functions, Defining functions, Arguments, functions prototypes ,actual parameters and formal parameters, calling functions, returning function result, Call by Value, Recursion
2	July 2019	**Structures and Unions** Structure: introductions, declarations and initializing structure, accessing structure members, nested structure, array of structure, typedef statement Union declaration, difference between structures and union **Pointer** Introductions, memory organization. declarations initializations of pointer. The pointer operator * and & De-referencing, pointer expression pointer arithmetic pointer to pointer.
3	August 2019	**Storage Class Library Functions:** Storage classes, scope, visibility at the lifetime of variable, block and file scope auto, extern, static and register storage classes String handling function strcpy(), strcmp(), strcat(), strlen(), strupr(), strlwr(), gets(),puts() **Data conversion function from stdlib.h** atoi(), atol(), atof(),itoa(),Itoa(),random(),calloc(), malloc(),exit,abs(),toupper(),tolower()
4	September 2019	**Preprocessor directive** file inclusion and conditional compiler directives, macro substitutions define #define, #if, #ifdef, #else, #elif, #endif **File handling** Introduction, opening and closing, file input output operations on file, text and binary file, getc(), putc() function. File copy program, fprintf() and fscanf(). fread() and fwrite() function . Writing and reading records from binary Files, appending, modifying and deleting record from file. Random Access function fseek(), rewind() flushall(), remove(), rename(). **Command line arguments:** use of argc and argv **Graphics in C:** Introduction : initgraph() and detectgraph() function , drawing object in C , Line Circle, rectangle, Ellipse, Changing foreground & background colors filling object by color , outttextlx() function
5	November 2020	**Introduction of OOPS** Procedural Vs object oriented programming, Basic concepts of object oriented programming, class ,object, Data Abstraction, Encapsulation , Inheritance, Polymorphism, Dynamic Binding , Message passing, benefits and application of OOP, History and overview of C++, C++ program structure , reference

		variable , scope resolution operator , Member de-referencing operator, new and delete, cin and cout , The endl and setw manipulator
6	December 2020	**Function in C++** Function prototype , call by reference (using reference variable) return by reference, inline function, default arguments, const arguments.
7	January 2020	**Object and classes:** Specifying a class, private and public, define member function, nesting of member function, Object as data types, Memory allocation for objects, static data member and member function . array of objects as function arguments returning object, friend function and its characteristics.
8	February 2020	**Constructor and Destructor** Introduction, default and parameterized constructor, multiple constructor in a class, copy constructor , destructor Operator overloading Overloading unary operator, rules for operator overloading, overloading without friend function and using friend function, overloading binary operators such as arithmetic and relational operators, concatenating string, comparison operators.

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Month Wise Teaching Plan 2019-2020

Teacher Name – Asst. Prof. Hase S. R. **Department – Computer Science**

Class - SYBSc **Paper – CS08& CS12**

Sr. No.	Month	Topic/ Practical's to be Completed
1	June 2019	**Introductions to Data Structures:** Introduction, Basic Terminology : Data item, Fields, Record, Files, Entity, Attributes Data organization and data structure
2	July 2019	**Array** Representations of Linear array, Traversing, Insertion and Deletion, Sorting and Searching Algorithms, Multidimensional array 2D & M-D Concepts, Record: Record Structure, Representation in memory
3	August 2019	**Linked list** Concept of Linked list, Representations of linked list in memory, Traversing a link list, Searching linked list: sorted and unsorted, Insertion & Deletion in Linked List Header linked list Two way list **Stack Queues, Recursion** Stack operation, Array Representation of stack, linked representation of stack, Arithmetic Expression, POLISH & POSTFIX, Application of stacks:
4	September 2019	Quicksort, Recursion Queue: Representation of queue and link, type of queue: Deques &Priority Queue Priority Queue
5	November 2020	**Basic concept** Data Definitions, Types of Data, Records and Files File based systems and Processing Database System Applications, Purpose of Database systems Abstractions and data Integration Three level architectures proposal for DBMS. Component of DBMS users, Facilities and structure. Advantages and Disadvantages of DBMS.
6	December 2020	**Data Modelling and Design** Data associations entities, Attributes & Associations, Relationships among Entities, Representations Mapping Cardinality, Enitty-Relationship : Binary & Ternary, Representation Mapping Cardinality, Entity – Relationships Design Issues
7	January 2020	**Relational Data Model** Basic structure of Relational Data model, Database Schema Constraints : Integrity Rule 1 & 2 Normal form : Anomalies, Functional dependency, Dependency diagram, first normal form, second normal form , third normal form conversion from universal to 1NF, 1NF to 2NF and 2NF to 3NF.
8	February 2020	**Relational algebra** Basic operations- union, intersections, difference and Cartesian product advance operations- projection, selections, join (inner and outer) Division Example based on above Operation, Relation algebraic queries **Introduction to Oracle** Oracle software: Versions of Oracle, Product of Oracle, Tools of Oracle SQL:SQL logging to SQL/ iSQ, SQL plus worksheet

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2019-2020

Teacher Name – Asst. Prof. Hase S. R. **Department – Computer Science**

Class - TYBSc **Paper – CS15 & CS19**

Sr. No.	Month	Topic/ Practical's to be Completed
1	June 2019	**Software and Software Engineering** What is Software, Characteristics of software, categories of Software, attributes of WebApps, software Engineering, Software Process, Essence Software Engineering Practice, General Principles, Software Myths
2	July 2019	**Software Process and Process Models** Software process Model Process Flow, Process Models, Waterfall model, Incremental Process Model, Evolutionary Process Models, Concurrent Models, Specialized Process Models, The Unified Process, Personal and Team Process Models, Product and Process
3	August 2019	**Agile** Introduction to Agility, Agility and the Cost of Change, Agile Process, Agility Principles, Human Factors, Extreme Programming (XP), XP Values, XP Process, Industrial, Critics of XP
4	September 2019	**Principles That Guide Practice** Principles That Guide Process, Principles That Guide Practice, Communication Principles, Planning Principles, Modeling Principles, Construction Principles, Deployment Principles
5	November 2020	**Introduction Communication System** Components of communication system, Computer network Advantage and applications of computer n/w. point-to-point and multipoint line configuration, LAN, MAN and WAN. Analog and Digital signals, Data Transmission: Parallel and Serial, Synchronous and Asynchronous transmission, Transmission Mode: Simplex, half-duplex and full-duplex.
6	December 2020	**Network Topologies** Mesh, Star, Tree, Bus and Ring and Hybrid Topology (Advantages and disadvantages of each
7	January 2020	**Transmission media** Guided and unguided media, Twisted-pair, UTP and STP cable, coaxial cable, Optical Fiber cable, Radio waves, Microwaves, Satellite Communication (Transmission characteristics and advantages of each type) **Modulation & Multiplexing** Concept of modulation and demodulation, Digital-to-analog conversion, Amplitude Shift Keying (ASK)/AM, Frequency Shift Keying (FSK)/FM, Phase Shift keying (PSK)/PM
8	February 2020	**The Mobile Telephone System** First Generation(1G), Second Generation(2G), Third Generation(3G), Internet over cable, Spectrum Allocation, cable Modem, ADSL Versus Cable

Shri Amolak Jain Vidya Prasarak Mandal's

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada, Tal. Ashti, Dist. Beed

Month Wise Teaching Plan 2019-2020

Teacher Name – Asst. Prof. Hase S. R. **Department – Computer Science**

Class - TYBSc **Paper – CS16 & CS20**

Sr. No.	Month	Topic/ Practical's to be Completed
1	June 2019	**Introducing HTML5** Understanding HTML, XHTML, and HTML5, Introducing semantic markup, Syntax, Attributes, Working with elements, Creating an HTML document Embedding content, Embedding HTML by using inline frames, Working with hyperlinks, Adding images to your HTML document, Embedding plug-in content.
2	July 2019	**Advances of HTML5** HTML5 Layout container Format using element Working with Tables: creating regular and irregular tables, heading, columns and rows, captions, header, footer. **Introducing JavaScript** Basic of JavaScript JavaScript Variables, Operators & Its Precedence, Special Values, Predefined Built-Infunctions, Functions Declaration & Call String Functions Conditions and looping structure, Inline JavaScript & External JavaScript
3	August 2019	**Advances in JavaScript** Object in JavaScript, Concept of array, how to use it in JavaScript, types of an array, array methods DOM Concept in JavaScript, DOM Objects, DOM Search Methods Event handling in JavaScript: Capturing & Bubbling, Subscribing, Unsubscribing and Cancelling Event, Windows Event, Keyboard and Mouse Events.
4	September 2019	**Cascading Style Sheet** Introduction to CSS3 Defining and Applying a Style, Inline, Embedded and External Style Sheet. Selectors: element, id and class selector, grouping selector, attribute, Specificity and cascading CSS properties: Color, box Model, border, padding, margin, float, clear
5	November 2020	Basic Concepts of Technology and Law, Understanding the Technology of Internet, Scope of Cyber Laws, Cyber Jurisprudence. Law of Digital Contracts The Essence of Digital Contracts.
6	December 2020	The System of Digital Signatures. The Role and Function of Certifying Authorities. The Science of Cryptography, E-Governance, Cyber Crimes and Cyber Laws. Introduction to Intellectual Property
7	January 2020	Information Technology Act 2000 Cyber Law Issues in E-Business Management. Major issues in Cyber Evidence Management,
8	February 2020	Cyber Law Compliancy Audit, The Ethics of Computer Security. Relevant Rules Notifications, Information Technology (Amendment) Act, 2008.

Head of Department

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P.H. Gand... Commerce Colle... Kada.

Shri. Amolak Jain Vidya Prasarak Mandal Kada's

Smt. S.K. Gandhi Art's, Amolak Sci. & P.H. Gandhi Comm. College Kada

Tq. Ashti Dist. Beed

Department of Geography

Name of Teacher: Dr. Udhav Chavan **Designation:** Assistant professor

Paper: V Practical (Annual) **Marks: 80**

F.Y.B.A Academic Teaching Plan 2019-2020

Month	**Name of the topic / Practical taught**
June 2019	Admission
July 2019	Nature and Scope of cartography, Scale – Meaning methods of Representing Scale: Verbal Scale, Numerical Scale and Linear Scale. Types of Linear Scale: Simple Line Scale. Comparative Scale. Diagonal scale,
August 2019	Time and distance scale, Pace scale. Definition of maps brief history of maps Classification of maps. Enlargement and Reduction of Maps by square method.
September 2019	Methods of Showing relief: Hachure's, Shading, Layer tint and contours.
October 2019	Representation of Landforms by contours. Representation of slopes by contours, Even slope, Un- even slope.
November 2019	Gentle Slope, Steep Slope Concave slope, Convex Slope & Terraced slope
December 2019	Representation of slopes by contours : Even slope, Uneven slope,
January 2020	Representation of landforms by cross section method, conical hill, ridge, plateau, cliff, waterfall, U and V shaped valley, pass, and spur.
February 2020	Conventional Signs and Symbols of SOI Maps.
March 2020	Study of Indian Topographical (SOI) Maps. I) Relief ii) Human Settlement iii) Drainage iv) Transportation. **Exam-II IV VI Semester**
April 2020	**Exam-II IV VI Semester**

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Tq. Ashti Dist. Beed

Department of Geography

Name of Teacher: Dr. Udhav Chavan **Designation:** Assistant professor

Paper: II Human Geography IV Regional Geography of Maharashtra

Mark: 30+30=60

F.Y.B.A Academic Teaching Plan 2019-2020

Month	**Name of the topic / Practical taught**
June 2019	**Admission**
July 2019	Definition, Nature and Scope of Human Geography, Ranches of Human Geography.
August 2019	Man and Environment Relationship, Types of Environment, Concept of Determinism and Possibilism, Stop and Go Deterministic Approach,
September 2019	Physical and social Profile of Racial Groups, Ethnic Groups, Triable Groups In World and India, Eskimo, Busmen, Masai, Gond and Gujjars. Settlement Types, Forms and Pattern.
October 2019	Functional Classification of Settlement. **Exam- I III V Semester**
November 2019	**Exam- I III V Semester**
December 2019	Position and Personality: Location, Size and Shape, Relief and Physical Division of Maharashtra. Climate, Drainage and Soil.
January 2020	Natural Vegetation of Maharashtra, Cropping Pattern, Major Crops: Jowar, Wheat, Rice, Cotton, Sugarcane, Oil Seeds, and Pulses.
February 2020	Production and Distribution of crops. Cotton and Textile Industries, Sugar Industries,
March 2020	Transportation: Road, Air and Rail Transport. **Exam-II IV VI Semester**
April 2020	**Exam-II IV VI Semester**

Shri. Amolak Jain Vidya Prasarak Mandal Kada's

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Department of Geography

Name of Teacher: Dr. Udhav Chavan **Designation:** Assistant professor

Paper: VI Climatology, VIII Oceanography Mark: 30+30=60

S.Y.B.A Academic Teaching Plan 2019-2020

Month	Name of the topic / Practical taught
June 2019	**Admission**
July 2019	Weather and climate: definition, Nature and scope of Climatology. Significance of climatology, Elements of weather and climate, composition and structure of the atmosphere. Insolation and Temperature: Definition of Insolation and temperature.
August 2019	Heat budget of the earth, Factors affecting the distribution of solar energy, distribution of temperature, vertical, horizontal, and seasonal. Rang of temperature, Atmospheric pressure and wind: Evaporation and condensation, Hydrological cycle, types of precipitation,
September 2019	World pattern of rainfall: regional and seasonal distribution. Air masses and fronts: concept, classification and properties. Atmospheric disturbances, tropical and temperate cyclones, thunder storms and tornadoes.
October 2019	Role of climate in human life, Atmospheric pollution, and global warming, general causes, consequences, and measures of control. **Exam- III semester**
November 2019	**Exam- III semester**
December 2019	Introduction of Oceanography: Definition, Nature and scope, Surface Configuration of Ocean floors, General Idea of submarine relief, continental self, continental slope,
January 2020	Abyssal plains, oceanic trenches, and deeps, hypsographic curve, Relief of Atlantic ocean, Pacific ocean and Indian Ocean. Salinity of ocean water, its meaning, causes of salinity,
February 2020	Factors affecting on Salinity of Ocean Water, Distribution of Salinity in the World, Factors affecting the Temperature of Ocean water, Distribution of Temperature in Ocean Water. Ocean deposits, Shallow Sea deposits, Deep Sea deposits, Types of Corals.
March 2020	Ocean as a store house of resources for the future. **Exam IV semester**
April 2020	**Exam IV**

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Department of Geography

Name of Teacher: Dr. Udhav Chavan **Designation:** Assistant professor

Paper: XII Geography of Environment Marks: 30+30=60

XV Geography of Natural Calamities

T.Y.B.A Academic Teaching Plan 2019-2020

Month	Name of the topic / Practical taught
June 2019	**Admission**
July 2019	Definition of Environment science, Nature and Scope of Environment, Types of Environment. Ecology, Abiotic or Physical factors, Temperature, Soil, Water, Atmosphere, Biotic or Nonphysical factors.
August 2019	Organism, Population and Biotic Community. Ecosystem, Cardinal Principal of Ecosystem. Structure of Ecosystem, (Producer, Consumer, Decomposer) Nutrient Cycling (Carbon Cycle, Oxygen Cycle, Nitrogen Cycle).
September 2019	Function of Ecosystem, Energy flow, food chain, food web, Ecological Pyramid, Types of Ecosystem, (Natural Ecosystem, and Cultural Ecosystem). Problems of Ecosystems. Environmental Global Warming,
October 2019	Food Security, Deforestation, Plastic Bags, Acid Rainfall**. Exam V Semester Begins….**
November 2019	**Exam V Semester**
December 2019	Definition Nature and scope of natural calamities Earthquake, and Volcano, causes and effects of Earthquake and Volcano, World distribution of earthquake and volcano.
January 2020	Drought and Floods, Metrological drought, Hydrological drought, agricultural Drought, causes and effects of drought, drought prone area.
February 2020	Flood causes and effects. Biological Hazards, Global Warming, Green house effects. Ozone Deflation.
March 2020	Pollution Types: Air, Water and Soil. **Exam VI Semester Begins.**
April 2020	**Exam VI Semester Begins.**

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Department of Geography

Name of Teacher: Dr. Udhav Chavan **Designation:** Assistant professor

Practical Geography Paper- XVIII (Main, Annual) Marks: 40

T.Y.B.A Academic Teaching Plan 2019-2020

Month	Name of the topic / Practical taught
June 2019	Admission
July 2019	**Unit 1- A) Introduction of Instrumental Survey.** (उपकरणीय रेखांकन सर्वेक्षण ओळख) 1) Chain and Tape Survey. (साखळी व टेप रेखांकन सर्वेक्षण)
August 2019	2) Plane Table Survey. (समतलपाट रेखांकन सर्वेक्षण) 3) Prismatic Compass Survey (लोलकीय होकायंत्र रेखांकन सर्वेक्षण)
September 2019	B) Field Survey using Plane table (समतलपाट साहाय्याने क्षेत्र रेखांकन सर्वेक्षण) i) Open Traverse Method (विवृत रेखांकन पद्धती)
October 2019	B) Field Survey using prismatic compass (लोलकीय होकायंत्र साहाय्याने क्षेत्र रेखांकन सर्वेक्षण) ii) Close Traverse Method (संवृत रेखांकन पद्धती)
November 2019	Unit -2 A) Systems of Expressing Bearing. (दिगंश/ दिक् कोन व्यक्त करण्याच्या पद्धती) 1. Whole Circle Bearing. (पुर्णवर्तुळ दिगंश पद्धती) 2. Reduced Bearing. (वृत्तपाद/योजित दिगंश पद्धती)
December 2019	3. FB, BB of WCB. (अग्र, पश्च दिगंशाचे पुर्णवर्तुळ दिगंशात रूपांतर) 4. FB, BB of RB. (अग्र, पश्च दिगंशाचे वृत्तपाद/योजित दिगंशात रूपांतर)
January 2020	3. Conversion of Bearing. a) WCB into RB. (पुर्णवर्तुळ दिगंशाचे वृत्तपाद/योजित दिगंशात रूपांतर)
February 2020	4. Conversion of Bearing. b) RB into WCB. (वृत्तपाद/योजित दिगंशाचे पुर्णवर्तुळ दिगंशात रूपांतर)
March 2020	B) Correction of Bearing. (दिगंश दुरूस्ती) 1. Closing Error with Bowditch Method. (बाऊडविच नियम' ताळेबंधातील चुक दूरूस्ती) 2. Determination of the Height with the Help of Abny Level. (ॲबनी समतलित्राच्या सहाय्याने उंची निर्धारीत करने) **Exam-II IV VI Semester**
April 2020	**Exam-II IV VI Semester**

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Tq. Ashti Dist. Beed

Department of Geography

Name of Teacher: Dr. Udhav Chavan **Designation:** Assistant professor

Project Report Paper- XIX (Main, Annual) Marks: 100

T.Y.B.A Academic Teaching Plan 2019-2020

Month	**Name of the topic / Practical taught**
June 2019	Admission
July 2019	Writing research proposal (Topic and Area)
August 2019	Literature review-Reading and writing
September 2019	Planning methods and write methods chapter
October 2019	Fieldwork, Data collection, Data analysis.
November 2019	Write results chapters. Write analysis chapter and refine methods chapter.
December 2019	Write discussion chapter. Write introduction and conclusion.
January 2020	Write discussion chapter. Write introduction and conclusion. Major editing Final proof reading.
February 2020	Submit final Synopsys.
March 2020	Final draft Binding.
April 2020	Submission and Result.

PERSONAL TIME TABLE 2019 - 2020

Period No.	Time	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	09.20 am to 10.10 am	T.Y.B.A.	T.Y.B.A.	T.Y.B.A.	–	S.K.Gandhi Arts Amolak Science P.H.Gandhi Commerce College Kada, Tal.Ashti, Dist.Beed	
2	10.10 am to 11.00 am	–	–	–	S.Y.B.A.	S.Y.B.A.	S.Y.B.A.
3	11.00 am to 11.50 am	F.Y.B.A.	F.Y.B.A.	F.Y.B.A.	–	–	–
4	11.50 am to 12.40 pm	–	–	–	T.Y.B.A. Practical-A	T.Y.B.A. Practical-A	T.Y.B.A. Practical-A
5	12.40 pm to 01.30 pm	S.Y.B.A.	S.Y.B.A. Practical	S.Y.B.A. Practical	S.Y.B.A. Practical	S.Y.B.A. Practical	T.Y.B.A.
6	01.30 pm to 02.20 pm	T.Y.B.A. Practical-A	F.Y.B.A.	–	–	–	–
7							
8							
9							
10							

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Dept. of Geography
S.K.G.A.I.V.P.H.Kada

DEPT. OF GEOGRAPHY

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

I st Sem.

MONTH WISE TEACHING PLAN

Class F.Y.B.A. Paper (I) Elements of Phy. Geography

Sr. No.	Month	Topics / Practicals to be Completed
01	July	1. Introduction of Physical Geography i) Meaning ii) Nature & Scope iii) Elements iv) Branches of Physical Geography 2. Lithospheres i) Interior of the Earth ii) Wegner's continental Drift Theory
02	August	iii) Isotacy iv) Plate Tectonic Theories. 3. Earth Movements i) Vertical & Horizontol ii) Process of Folding iii) Causes & effect.
03	September	iv) Process of Faulting v) Causes & effect vi) Volcanoes vii) Earthquakes 4. Rocks i) classification of rocks on the basis of origin
04	October	ii) Properties of different rocks.

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III rd Sem

MONTH WISE TEACHING PLAN

Class S.Y.B.A. Paper (VII) Population Geography

Sr. No.	Month	Topics / Practicals to be Completed
01	June	1. Population Geography i) Defination ii) Nature iii) Scope & significance
02	July	iv) Sources of Population data 2. Distribution of Population i) Factors affecting on Population distribution. ii) Density. iii) Population distribution Patterns World & India.
03	August	iv) Densely, Mortality & Fertility Population regions of the World. 3. Composition of Population i) Age & sex composition. ii) Rural - Urban composition.
04	September	iii) Economic composition. iv) Determinates World regional Patterns. v) composition of population in India 4. Migration i) Meaning classification and their determinates.
05	October	ii) Consequences of Migration. iii) Migration in India.

III & IV Sem.

MONTH WISE TEACHING PLAN

Class S.Y.B.A. Paper (X) Practical Geography

Sr. No.	Month	Topics / Practicals to be Completed
01	June	1. Mechanism & Uses of Weather Instruments. i) Thermometer. ii) Maximum & Minimum Thermometer. iii) Dry & Wet Bulb Thermometer. iv) Aneriod Barometer.
02	July	v) Fortin's Barometer vi) Wind Vane vii) Cup Anemometer viii) Rain Guage ix) Hygrometer. 2. i) Conventional Signs & Symbols Used in IDWR.
03	August	ii) Interpretation of IDWR of a) Winter b) Summer c) Rainy Season.
04	September	3A) Cartographic Techniques. i) Definition ii) Nature & Scope iii) Importance of Cartography. B) Representation of clamatic Statistical Data by using following Cartographic Techniques. i) Climograph ii) Hythergraph iii) Star Diagram iv) Wind Rose

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MONTH WISE TEACHING PLAN

Class ..... Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed
		v) Ergograph vi) Isobars vii) Isotherms
05	November	viii) Isohyets 4. Representation of statistical Data by using Following Methods. i) Line & Bar Graph. ii) Polygraph. iii) Divided Circle.
06	December	iv) Rectangle Divided v) Dot Method vi) Choropleth Map vii) Proportional Circle (Located) viii) Proportional Square (Located) ix) Proportional Cube (Located) x) Proportional Sphere (Located)
07	January	5. A) Latitude, Longitude, Direction, Area & Great Circle. B) Map Projection i) Definition ii) Classification of Map Projection C) Construction Properties uses & choice of the Following Map Projection. i) Zenithal Polar Gnomonic Projection. ii) Zenithal Equal Area Projection.

IV th sem

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MONTH WISE TEACHING PLAN

Class S.Y.B.A. Paper (IX) Settlement Geography

Sr. No.	Month	Topics / Practicals to be Completed
01	November	1. Settlement Geography i) Nature ii) Scope and Content iii) Definition of Rural and Urban Settlements. iv) Merits.
02	December	v) Limitations 2. Settlements Site and Structure i) Internal Morphology ii) External Forms iii) Field Patterns
03	January	iv) Functions and House Types. 3. Spatial Organization i) Size ii) Spacing iii) Hierarchy of Settlements.
04	February	iv) Emergence & Characteristics of Urban Settlements. 4. Silent Features of Human Settlements in India.
05	March	4. Silent Features of Human Settlements in India.

VI th sem

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MONTH WISE TEACHING PLAN

Class T.Y.B.A. Paper (XV) Agricultural Geo. of India

Sr. No.	Month	Topics / Practicals to be Completed
01	November	1. i) Nature ii) Scope iii) Significance iv) Development of Agricultural Geography.
02	December	v) Origin and Dispersal of Agricultural in India 2. Agriculture in India i) Agricultural Landuse ii) Cropping Pattern.
03	January	iii) Regional Pattern of productivity in India iv) Agricultural Policy in India 3. Distribution & Production of Major crops in India i) Rice
04	February	ii) Wheat iii) Jowar iv) Cottan v) Sugarcane vi) Tea
05	March	4. Green Revolution in India.

MONTH WISE TEACHING PLAN

Class ..... Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed
08	February	iii) Simple Conical Projection. iv) Conical Projection with two standard Parallel v) Simple Cylindrical Projection. vi) Cylindrical Equal Area Projection.

MONTH WISE TEACHING PLAN

Class T.Y.B.A. Paper (V) Physical Geography of India

Sr. No.	Month	Topics / Practicals to be Completed
01	June	1. i) India in the context of south east and south Asia. ii) India : a land of diversities iii) Unity within diversities.
02	July	iv) Shape v) Size vi) Physical landscape of India 2 i) Drainage Systems of India
03	August	i) Drainage Systems of India their functional significance ii) Climate : Regional and seasonal variations of climate iii) Monsoons.
04	September	3 i) Soil Types of India ii) Their distribution and characteristics. 4 i) Natural Vegetation Forest Types ii) Their distribution in India
05	October	ii) Their distribution in India

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Monthly Teaching Plan 2018-2019

Department of Marathi (2018-2019)

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College,

MONTH WISE TEACHING PLAN 2018-20

Class ..T.Y.B.A. Paper (MAR X) ..... भाषाविज्ञान (X) सत्र - V .....

Sr. No.	Month	Topics / Practicals to be Completed
1	जून 2018-2019	घटक क्र.१ भाषेचे स्वरूप १.१ भाषेच्या विविध व्याख्या, लक्षणे, समाज - गैरसमज, भाषा : एक संकेतप्रणाली.
२.	जुलै	घटक क्र. २ स्वन व स्वनिमविचार स्वनविचार, स्वनांचे स्वरूप, स्वन-निर्मितीची प्रक्रिया, स्वनांचे वर्गीकरण.
३.	ऑगस्ट	घटक क्र. ३ स्वनिमविचार स्वनविचार, स्वनिम संकल्पना, स्वनिम निश्चितीची तत्वे, स्वनांचे प्रकार.
४	सप्टेंबर	घटक क्र. ४ रूपीम आणि परविचार
५	ऑक्टोबर	घटक क्र. ५ प्रमाणभाषा व बोलीभाषा
	अभ्यासपत्रिका XIV - सत्र - VI	व्याकरण व निबंध (सत्र - VI)
१.	डिसेंबर	घटक क्र. १ शब्दांच्या जाती व शब्दसंग्रह
२	जानेवारी	घटक क्र. २ संधीविचार व प्रकार
३	फेब्रुवारी	घटक क्र. ३ समास, अव्ययीभाव समास, तत्पुरुष समास, द्वंद्व समास, बहुव्रीही समास
४.	मार्च	घटक क्र. ४ अलंकार १) शब्दालंकार २) अर्थालंकार.
		घटक क्र. ५ निबंध १) वाङ्मयीन २) वैचारिक निबंध इ.

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MONTH WISE TEACHING PLAN

2018 - 2019

Class S.Y.B.A. Paper (MAR (OP)) दृक्श्राव्य माध्यमांसाठी लेखन कौशल्ये "

(Sem. III) - VIII

Sr. No.	Month	Topics / Practicals to be Completed
१	डिसेंबर	घटक क्र. १ साहित्य प्रकारांतराची संकल्पना व स्वरूप : १.१ साहित्य प्रकारांतर म्हणजे काय ? १.२ साहित्य प्रकारांतर : नवा रचनाबंधाची निर्मिती. १.३ वाङ्मय प्रकारांतराची लेखकाला आवश्यकता.
२.	जानेवारी	घटक क्र. २ माध्यम संकल्पना : प्रकार व वैशिष्ट्ये २.१ महत्त्वाची माध्यमे २.१.१ मुद्रित, श्राव्य व दृक्श्राव्य २.२ माध्यमे व साहित्य यांचा अनुबंध २.३ माध्यमांसाठी साहित्याची आवश्यकता २.४ माध्यम : अद्यतनिक काळाची गरज
३.	फेब्रुवारी	३. माध्यमांसाठी लेखन : ३.१ मुद्रित माध्यमांसाठी लेख— ३.२ ध— ३.३ दृ— ३.४ दृ—
४.	मार्च	४. साहि संदर्भ ४.१ म सा

MONTH WISE TEACHING PLAN

Class S.Y.B.A. Paper (MAR (OP)) दृकश्राव्य माध्यमांसाठी लेखन कौशल्ये
माध्यम पत्रिका VI (Sem. I)

Sr. No.	Month	Topics / Practicals to be Completed
1	जून 2018-2019	घटक क्र. १ नभोवाणी १.१ नभोवाणी स्वरूप आणि कार्य १.२ नभोवाणी संप्रेषण १.३ नभोवाणीचे श्रोता, श्रवण, सवय व मुल्यांकन
2	जुलै	१.४ नभोवाणीचे वैशिष्ट्ये १.५ रूपक, श्रुतिका, नभोनाट्य १.६ नभोवाणीच्या जाहिराती
३	ऑगस्ट	घटक क्र. २ दूरचित्रवाणी २.१ दूरचित्रवाणी स्वरूप, कार्य व विस्तार २.२ दूरचित्रवाणी लेखन व निर्मिती २.३ दूरचित्रवाणी कार्यक्रमांचे प्रकार २.४ दूरचित्रवाणीचे वैशिष्ट्ये
४.	सप्टेंबर	घटक क्र. ३ संकेतस्थळ ३.१ संकेतस्थळ संकल्पना आणि उपयोजन ३.२ संकेतस्थळांचा परिचय ३.३ संकेतस्थळावर साहित्यविषयक ३.४ ई- डिक्शनरी, विश्वकोश.

2018-2019

MONTH WISE TEACHING PLAN

ass ..... Paper (Marathi (SL)) ..... गद्य पद्य व उपयोजित मराठी (II Sem)

. No.	Month	Topics / Practicals to be Completed
		२. संगणकाची वैशिष्ट्ये (व्याकरण) : अचूकता, वेग, साठवण, सातत्य, माहितीचे संक्रमण, सादरीकरण, कामाची विविधता, स्वविचार क्षमता नाही.
३.	फेब्रुवारी	३. काहूर - अंजली अग्रवाल - खानोरकर, लेखिकेचा परिचय, प्रस्तुत लेख 'मनतरंग' या वैचारिक पुस्तकातील आहे. स्वतःचे अनुभव, मुलांच्या समस्या प्रस्तुत लेखामधे मांडल्या आहेत.
		४. गायरान - एकनाथ खिलारे
		४. जागल (कविता) - शिवाजी सरगीट
		५. कळसुत्री बाहुले - अपर्णा रेवडकर
		३. मराठी समाजावरील संगणकाचा प्रभाव.
		४. खगोलीय घटनांचे मार्गदर्शन, नैसर्गिक आपत्तीचे पूर्वकथन, लोकसंख्या व्यवस्थेचे मार्गदर्शन. निवडणूक व मतदान क्षेत्र, हवामानाचा अंदाज, वैज्ञानिक संशोधन, साहित्य क्षेत्रातील उपयोग, आंतरराष्ट्रीय संशोधनाचे विभाजन.
४.	मार्च	५. भूक - उमेश मोहिते
		६. हिशोब चुकता करा - वि. स. खांडेकर
		७. इंटरनेट : स्वरूप आणि कार्यप्रणाली इंटरनेटचा भारतीय समाजावरील परिणाम.

MONTH WISE TEACHING PLAN

Class S.Y.B.A. Paper (MAR (SL)) गद्य, पद्य व उपयोजित मराठी (सत्र दुसरे) II Sem.

Sr. No.	Month	Topics / Practicals to be Completed
1	डिसेंबर 2018 - 2019	१. चिपाड - शंकरराव केसर, ग्रामीण कथाकार म्हणून प्रतिष्ठित. प्रस्तुत कथा 'चिपाड' या कथासंग्रहातील आहे. या कथेत ऊस पिकविणाऱ्या शेतकऱ्यांची करुण कहाणी लेखकाने सांगितली आहे. कथेचा आशय, कथासूत्र, कथेचे वैशिष्ट्ये यावर चर्चा. १. गद्यशिवाय अस्तित्व - म. मो. जोशी १. संगणक क्षेत्रातील संकल्पना : टच्यूल परिचय, सॉफ्टवेअर, हार्डवेअर, विंडोज, फाईल, फोल्डर, डाटा, संगणकाची कोशल्ये, भारतीय समाजावरील संगणकाचा प्रभाव.
2	जानेवारी	२. मिरगी पेर - विजय जावडे, परिचय, मिरगीपेर, आरखणी, रितंगाव हे यांचे कथासंग्रह. शेतकऱ्याचे काळ्या आईसी असणारे अतूट नाते कसे घट्ट असते याचा परिचय या कथेतून केला आहे. २. आवा - शिवाजी पाटील ३. पाचरूच्या गुडुखखोड - कल्पना दुधाळ प्रस्तुत कवितेत ऊसतोड कामगारांचे जीवन, त्यांच्या वाट्याला आलेले दारिद्र्य आणि जीवघेणा संघर्ष, दैन्यावस्था यात्रा पाठ ही कविता आहे. कल्पना दुधाळ यांच्या काव्याचे स्वरूप व वैशिष्ट्ये चर्चा.

MONTH WISE TEACHING PLAN

Class S.Y.B.A. Paper (MAR (GE)) गद्य, पद्य व उपयोजित मराठी (सत्र दुसरे) II इत्यादी

Sr. No.	Month	Topics / Practicals to be Completed
1	डिसेंबर 2018 - 2019	१. चिपाट - अंबादास केदार, ग्रामीण कथाकार म्हणून प्रसिद्ध. प्रस्तुत कथा 'चिपाड' या कथासंग्रहातील आहे. या कथेत ऊस तोडणाऱ्या शेतकऱ्यांची करुण कहाणी लेखकाने सांगितली आहे. कथेचा आशय, कथासूत्र, कथेची वैशिष्ट्ये यावर चर्चा.
		१. गर्भशिशाचा अस्वस्थता - म. भा. जोशी
		१. संगणक क्षेत्रातील संकल्पना : स्थूल परिचय, सॉफ्टवेअर, हार्डवेअर, विंडोज, फाईल, फोल्डर, डाटा, संगणकाचे महत्त्व, भारतीय समाजावरील संगणकाचा प्रभाव.
2	जानेवारी	२. मिरगी पेर - विजय जावडे, परिचय, मिरगीपेर, पारखणी, रितंगव हे त्यांचे कथासंग्रह. शेतकऱ्याचे काळ्या आईशी असणारे अतूट नाते कसे घट्ट असते याचा परिचय या कथेतून केला आहे.
		२. आवा - शिवाजी पाटील
		३. पाचवीच्या मुलांच्या खोड - कल्पना दुधाळ प्रस्तुत कवितेत ऊसतोड कामगारांचे जीवन, त्यांच्या वाट्याला आलेले दारिद्र्य आणि जीवघेणा संघर्ष, दैनावस्था यांचा पट ही कविता वाचते. कल्पना दुधाळ यांच्या काव्याचे स्वरूप व वैशिष्ट्ये चर्चा.

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

2018 - 2019

MONTH WISE TEACHING PLAN

Class S.Y.B.A. Paper (MAR CSL) शब्द, पद व उपयोजित मराठी प्रथम सत्र (CBCS)

Sr. No.	Month	Topics / Practicals to be Completed
३.	ऑगस्ट 2018 - 2019	मरणानंतर डाव साधाला - नाशिकानं हात दिला - सौ. सिंधुताई सपकाळ. सिंधुताई सपकाळ यांचा परिचय, अनाथांची माय म्हणून त्या प्रसिद्ध आहेत. 'मी वनवासी', 'मी सिंधुताई सपकाळ' हे दोन चित्रपट त्यांच्या जीवनावर प्रसिद्ध आहेत. प्रस्तुत पाठ 'मी वनवासी' या त्यांच्या आत्मचरित्रातून घेतला आहे. त्यांना जीवनातील अनुभव व आदिवासींसाठी केलेले सामाजिक कार्य यांचा प्रस्तुत पाठात उल्लेख करून दिलेला आहे. ३. सान्या घराचा छान्तो वाचवी - प्रदीप पाथेत, प्रदीप पाथेत यांचा परिचय, त्यांच्या काव्याचे स्वरूप, वैशिष्ट्ये, आशय. 'आत्मसंवाद' 'अंतरीचा भेद' हे दोन काव्यसंग्रह प्रसिद्ध. प्रस्तुत कवितेत शेतकऱ्याची दयनीय व विदारक स्थितीचे चित्रण केले आहे. मर्मभेदक आहे. २. आकाशवाणी प्रसार माध्यम : लोकतंत्र, उपयोजन, स्वरूप, आकाशवाणीवरील विविध कार्यक्रम.
४	सप्टेंबर	४. लोकराजे - मा. श्री. पवारसाहेब, प्रा. हरिश्चंद्र दोलके. मा. पवारसाहेबांचे कार्य व कर्तृत्वावर चर्चा. ५. वही - सुरेखा पाटील ४ कुणबी बाप लहान. अनिल गव्हाणे, विरसायुधा, आबासाहेब मजावी, अरुंद दारातून बाहेर पडताना. संजीवनी तडेगावकर ३. पुस्तक परिचय ६ अनुवाद.
५	ऑक्टोबर	

MONTH WISE TEACHING PLAN 2018-2019

Class S.Y.B.A Paper (MAR (SL)) गद्य- पद्य व उपयोजित मराठी प्रथम सत्र (CBS)

Sr. No.	Month	Topics / Practicals to be Completed
1	जून 2018-2019	१. छत्रपती शिवाजी महाराजांच्या व्यक्तिचे स्वरूप. - प्र. न. देशपांडे. लेखकाचा परिचय, प्रास्ताविक, छत्रपती शिवाजी महाराजांचे विविध प्रकारचे कार्य व त्याचे स्वरूप. घटक क्र. ३ (व्याकरण) परिभाषा संज्ञा : स्वरूप व उपयोजन. परिभाषा स्वरूप व वैशिष्ट्ये, परिभाषेची आवश्यकता, शासन व्यवहारातील परिभाषा, विज्ञानाची परिभाषा, कार्यालयीन परिभाषा, वाङ्मयीन परिभाषा इ. घटकांचा परिचय व उपयोजन.
२.	जुलै	२. लोकसंस्कृतीचे आणि जागतिकीकरण- डॉ. द. ता. भोसले. ग्रामीण कवी, लेखक व साहित्यिक समीक्षक म्हणून परिचय. लोक-संस्कृती व समाज यांचे अतूट नाते, लोकजीवन व लोकसंस्कृती, लोकसंस्कृती व लोकपरंपरा, लोकरूढी, सण- उत्सव इ. घटकांवर चर्चा. जागतिकीकरण व लोकसंस्कृती. १. निष्कर्ष - डॉ. सुहासिनी इर्लेकर कवयित्रीचा परिचय, त्यांच्या काव्याची वैशिष्ट्ये २. आकाशाएवढा - संदानंद सिनगारे या कवितेतून संदानंद मोरे यांनी संत तुकारामांचे आकाशाएवढे महानत्व विशद केले आहे.

MONTH WISE TEACHING PLAN

Class F.Y.B.A. Paper (MAR (SL)) "गद्य पद्य व उपयोजित मराठी" (II Sem)

Sr. No.	Month	Topics / Practicals to be Completed
३.	फेब्रुवारी	दिणगी - रामराव चुंजारे भूक - महादेव गायकवाड रामराव चुंजारे यांचा परिचय, त्यांचे 'बोंबदवंडी' 'काळ्या मायेची कहाणी' हे दोन कथासंग्रह प्रसिद्ध. 'जलमवेरी' ही कादंबरी प्रसिद्ध. कथा वाङ्मयाचे स्वरूप व वैशिष्ट्ये. कथांचे वाङ्मयीन विशेष. या प्रस्तुत कथेत व्यक्तिरेखा होणाऱ्या अन्यायाचे चित्रण मोठे मर्मभेदक आहे. कथानक, आशय, कथेतील व्यक्तिरेखा, वाङ्मयमूल्ये इ. वरती चर्चा. • महादेव गायकवाड यांचा परिचय, 'निष्पर्णाय' हा काव्यसंग्रह प्रसिद्ध. 'हरवड' कथा-संग्रह तर 'तंगाई' हे आत्मकथन प्रसिद्ध. या उता-यात लेखकाच्या जीवनातील घटना-प्रसंग, आलेले अनुभव, बालपणातील आठवणी, वास्तव, परिवहन मंडळात वाहक पदावर काम करताना आलेले अनुभवांचे कथन. • गुणवत्तेचा निकष - संभाजी सावंतकर • ग्लोबल मंदीची नक्षो - अजीम राही • बाप - संजय आधाव
४	मार्च	काव्य प्रेम असतं - प्रतीक्षा गायकवाड त्यांचा परिचय, त्यांच्या काव्यलेखनाची वैशिष्ट्ये, समकालीन कवयित्रीमध्ये त्यांचे स्थान, प्रेमकवितेतील आशय, प्रतीके, प्रतिमा, भाषाशैली. भाषांतर (व्याकरण)

MONTH WISE TEACHING PLAN 2018-2019

Class F.Y.B.A. Paper (MAR (CL)) "गद्य पद्य व उपयोजित मराठी" द्वितीय सत्र (II सत्र)

Sr. No.	Month	Topics / Practicals to be Completed
1	डिसेंबर 2018-2019	रोकटचे कीर्तन - संत गाडगेबाबा देशाचे भवितव्य - डॉ. बाबासाहेब आंबेडकर संत गाडगेबाबा परिचय, समाजसुधारक, लोकशिक्षक, समाजातील अंधश्रद्धा, अनिष्ट रुढी यांचा विरोध. कीर्तनाच्या माध्यमातून प्रबोधन, मानवतावादाचा उपदेश, लोकजागृतीचे कार्य, स्वच्छतेचा मूलमंत्र देणारे महान संत. डॉ. बाबासाहेब आंबेडकरांचा जीवन परिचय, शोषित, दलित, वंचितांसाठी कार्य, भारतीय राज्यघटनेचे शिल्पकार, देशाचे भवितव्य याविषयी तळमळ. कुर्कविन - म. जोतिबा फुले (पद्य) निर्सरास - बालकवी. नवमहाराष्ट्र गीत - सुरेश भट आई - ग्रेस, विरामचिन्हे (व्याकरण)
2	जानेवारी	लोकभाषा हीच ज्ञानभाषा - यशवंतराव चव्हाण. कोवळे मरण - बालचंद्र नेमाडे, गिरोबा - वीरधवल परब मल्टीकल्चरलिझमची झिंग - अरुण काळे बिरसा मुंडा - भुजंग मेश्राम भाषांतर (व्याकरण)

MONTH WISE TEACHING PLAN

Class F.Y.B.A. Paper (MAR (SL)) "गद्य, पद्य व उपयोजित मराठी" प्रथम सत्र (I) "अक्षरसेप"

Sr. No.	Month	Topics / Practicals to be Completed
3.	सप्टेंबर	शिवाजी आमची सून जाली - दत्ताजी वाकेनवीस. लेखकाचा परिचय. • तुही सराचरणाने वाग - ताराबाई शिंदे ताराबाई शिंदे यांचा परिचय. स्त्रीवादी साहित्याचा प्रेरणास्त्रोत. परखड लेखन व भाषा शैली. पाऊसदेवा - संत दासोपंत (काव्य) संत दासोपंतांचे कार्य, जीवनप्रवास व साहित्याचा परिचय. ऐसे केलेया गोपाळे - संत शेख महंमद • विरामचिन्हे (व्याकरण) • मन करा रे प्रसन्न - संत तुकाराम विरामचिन्हांचे प्रकार : मुख्य दोन प्रकार १) अर्थबोधक २) विरामबोधक
3	ऑक्टोबर	परमेश्वराचे भविष्य - ग्रि. प्र. मारे तुझ्या प्रीतीचे - बेनाजीर बक्ष सत्याग्रही बसव - (अनु. वचने) जयदेवी शिंगाडे भाषांतर (व्याकरण)

MONTH WISE TEACHING PLAN 2018-2019

Class T.Y.B.A. Paper (MAR (SL)) गद्य पद्य व उपयोजित मराठी प्रथम सत्र (I)

Sr. No.	Month	Topics / Practicals to be Completed
1	जुलै 2018-2019	ससीम रक्षण - व्हाईट लेखक परिचय, प्रास्ताविक, व्हाईट जीवन-प्रवास, चक्रधर स्वामी परिचय व परामर्श. विविध दृष्टांत कथा. उपयोजित मराठी १. लेखनविषयक नियम (व्याकरण) १. धुंदी आतील रत्न - मुकुंदराज (पद्य) २. कुरुक्ष भूमीवरी उगवली तुळसी - संत नामदेव.
2	ऑगस्ट	अर्जविस्त - संत एकनाथ राजाची कर्तव्ये - रामचंद्रपंत अमात्य संत वाङ्मयाचा थोडक्यात परिचय संत एकनाथांची लोकशिक्षक भूमिका अर्जविस्त लेखनाचे स्वरूप, लेखनशैली, भाषाशैली, तत्कालीन परिस्थिती. अर्जविस्तचे वाङ्मयीन गुणविशेष. • रामचंद्रपंत अमात्य यांचा परिचय. • राजाची विविध कर्तव्ये यावर चर्चा. • पत्रलेखन (कौटुंबिक व कार्यालयीन) आजंदे वोवीया - संत निर्मळा (पद्य) जातीभेद मुक्तकर्म - रामानंद स्वामी संत निर्मळा व रामानंद स्वामी यांचा परिचय. संत निर्मळा यांच्या काव्याचे स्वरूप व वैशिष्ट्ये.

Dr. GARJE A. L. **PERSONAL TIME TABLE = 2018 - 2019**

Period No.	Time	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	8.30 to 9.20am B. A. I	–	–	–	–	Mar (SL)	Mar (SL)
2	8.30 to 9.20am B. A. III	Marathi (SP)	Marathi (SP)				
3	9.20 to 10.10am B. A. I	Marathi (SL)	Marathi (SL)	Marathi (SL)			
4	10.10 to 11.00am B. A. III	Marathi (OP)	Marathi (OP)	Marathi (OP)			
5	11.50 to 12.40 BSc II	Marathi (SL)	Marathi (SL)	Marathi (SL)	Mar (OP) B. A. III	Mar (OP) B. A. III	Mar (OP) B. A. III
6	12.40 to 1.30 BSc II	Mar (SL)	–	Mar (OP) B. A. III			
7	1.30 to 2.20 B. A. II	–	Marathi (OP)	–			
8							
9							
10							

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

2018-2019

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class T.Y.B.A. Paper (IX) भारतीय साहित्यविचार

Sr. No.	Month	Topics / Practicals to be Completed
	जून	साहित्याचे स्वरूप व्याख्या → आधुनिक रंडी हेमचंद्र वामन रुद्रट मम्मट विश्वनाथ व इतरसंस्कृत आचार्यांच्या मतांचा विचार लक्षणे → अलंकार वक्रोक्ती रीती औचित्य ध्वनी रस
	जुलै	साहित्याचे प्रयोजन - आधुनिक दृष्टी अलगुरु आणि पंडित, यांच्या प्रयोजनाचा विचार.
	ऑगस्ट →	साहित्याची निर्मितीप्रक्रिया प्रतिभा व्युत्पत्ती अभ्यास इतर पूरक कारण.
	सप्टेंबर →	रसविचार → भरताचे रससूत्र अद्भुतनिष्ट श्रीशंकुक अनुमापक व अभिनवगुप्त यांच्या मतांचा स्वीकार रससंख्या व रसविकल्प
	ऑक्टोबर →	शब्दशक्ती → अर्थविचार अभिधा लक्षणा व्यंजना तात्पर्य अर्थविचार साहित्य व संस्कृती - परस्परसंबंध.

2018-2019

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class S.Y.B.A. Paper (52) साहित्यप्रवाह

Sr. No.	Month	Topics / Practicals to be Completed
		तंत्र व स्वरूप - कथा कादंबरी, कविता, चरित्र व आत्म-चरित्र
	नोव्हेंबर ->	प्रायोगियोजन - नवे व्यक्तव्य प्रायोगियोजन महत्व व घटक, होतीचाही पिपासाही प्रायोगियोजन
	डिसेंबर ->	एकपात्री - अंबादास केदार पिरगीवेर - विषय सावळे, काजूर अंजली अपघात गायरान - दुःखनाथ खिलारे अंक - 3रे सोडिते, गर्दीराघात असताना -> म.पो.जोशी आवा -> शिवाजी पाटील, उत्तरार्ध मुलखावेगळे कल्पना दुधाळे, गायत्री -> शिवाजी सरगीक कळसूत्री बाहुली -> भारती रेवडकर
	फेब्रुवारी ->	दिशाभ्रमुक्तावरा - वि.वो. वराट संगणक सेवांतील संकल्पना - स्मृते परिचय, संगणकाची वैशिष्ट्ये
	फेब्रुवारी -	मराठी संस्थांतरीत संगणकाचा प्रभाव, साहित्य सेवांतील उपयोग अंतर्जाल संशोधनाचा प्रयोजन, लोकसत्ता व अन्य मार्गदर्शन
	मार्च -	इंटरनेट - स्वरूप व कार्यप्रणाली हेर, पारख, व्यवसायाचा अंतर्जाल सेवा, उद्योग सामाजिक परिवर्तन इंटरनेटचा भारतीय संस्थांवरील प्रभाव

2018-2019

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class S.Y.B.A. Paper (SL) ..... आंतरविद्याशाखा .....

Sr. No.	Month	Topics / Practicals to be Completed
	जून [2018-2019]	छ. शिवाजी महाराजांच्या कार्याचे महत्व - प्र. न. देशपांडे लोकसंस्कृती व जागतिकीकरण - डॉ. दे. ना. आसरे
	जुलै	निष्कर्ष -> रुहारिनी इंगळकर मराठवाडा साहित्य संमेलन व्यासपीठ स्वरूप दिशा - डॉ. सिंधुताई सपकाळ
	ऑगस्ट	आकाशवाणी - सदानंद रिंगणारे स्त्रिया घरातल्या जागती बाहेरची पुरुषी पारीत कुणबी मराठा - अनिल गायकवाड वही -> सुरेश पाटील
	सप्टेंबर ->	लोकराज्य मासिक पवार साहेब प्रोफेसर अनंद दारातून बाहेर पडताना - प्रो. [illegible] [संजीवनी तेंडुलकर व चंपक] चीरया -> बाबाराव मडावी परिभाषा - तंत्र - इतरत्र उपयोजन आकाशवाणी - प्रसारमाध्यम - वेरवनतंत्र व उपयोजन दूरदर्शन परिचय - तंत्र इतरत्र वाङ्मयीन प्रकारांचा परिचय कथा
	ऑक्टोबर -	आकाशवाणी प्रसारमाध्यम वेरवनतंत्र व उपयोजन, बातमी संवाद माध्यम, दूरदर्शन, दूरदर्शन-परिचय

2018-19

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class I-y B.A Paper (Op-II) मुद्रित माध्यमासाठी लेखन कौशल्ये

Sr. No.	Month	Topics / Practicals to be Completed
	नोव्हेंबर (2018-2019)	आतना उत्सव - दर्शित शीघ्रलेखन महत्व
	डिसेंबर →	गुलपनाचे स्वरूप व महत्व
	जानेवारी	बातमी - लेखन संकल्पना अर्थ व बातमीचे प्रकार बातमीतंत्र, महत्व
	फेब्रुवारी	मुलाखत - तंत्र लेखनाची दक्षता महत्व सर्वांगलेखन - तंत्र अग्रलेख - व्याख्यान - लेखन विशेषी उपहासात्मक, टीकात्मक
	मार्च →	वाचकांची पत्रे वाचक व वर्तमानपत्र - नातेसंबंध

2018 - 2019

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class F.Y.B.A. Paper (Op - II) नाट्यात्म साहित्य

Sr. No.	Month	Topics / Practicals to be Completed
	जुलै 17 [2018-2019] 27	फाटलेला पतंग चिंगी महिन्यानी वाही झाली तोच (शंकर दिवाकर) नाट्यात्म साहित्यप्रकार स्वरूप व संहिता लेखन
	ऑगस्ट	उत्सव - रा. रं. बोराडे वृद्धाश्रम - संकलनीय बालनाट्य
	सप्टेंबर	मुलगी झाली हो - इंदिरा संत रखवालदार रखवाडी झुंबिना - मल्हारी कदम आणाशपथ
	ऑक्टोबर	रावण उत्सव - व्यंकटेश माडगूळकर दलित दुःखांतिका - वसंत बापट मल्हारी कदम

2018-2019

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class F.Y.B.Sc. Paper (SL) अक्षरदीप

Sr. No.	Month	Topics / Practicals to be Completed
	डिसेंबर	शेवटचे किर्तन -> रांगा गाडगेबाबा देशाचे भवितव्य -> डॉ. बाबासाहेब आंबेडकर कुंचबीन -> म. फुले निर्धार -> बालकवी
	जानेवारी	आई - कवी - ग्रेस गिरीचा -> वीरधवल परब लोकभाषा बीच ज्ञानभाषा - यशवंतराव चव्हाण कोकळे मरण - आदिवासी जमाती - यशवंतराव शिंपी -> रामराव मुंजार मूक -> महादेव गायकवाड
	फेब्रुवारी	विरसा मुंडा - मुंडा - मेघश्याम गुणवत्तेचा निकष -> संभाजी रावकर ग्लोबल मेंदीची नक्षी -> अंजीव राठी नवमहाराष्ट्र गीत - ग्रेस मराठी तुझी तुतारीच किंवा सिंगापूरचा -> अरुण काळे
	मार्च मार्च	बाप -> रंगनाथ कुलाल, काय असतं प्रेम - पुतीसा गायकवाड, लोकपाल्य -> डा० राजकीय, पर्यावरण सांस्कृतिक अर्थशास्त्र लेखन गणितशास्त्र लेखन

2018 - 2019

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class F.Y.B.Sc. Paper (S.L) उत्तरकालीन आधुनिक

Sr. No.	Month	Topics / Practicals to be Completed
	जुलै [2018-2019]	रारंगिक - रहाण - महाभारत अर्गदत्त → संत तुकाराम धुकी आतील रत्न → मुकुंदराज
	ऑगस्ट	रामायणी कर्तव्य → रामचंद्रपंत अमात्य कुश्चळ भूमीवरी उगवली तुलसी - संत आनंद बोधीया - संत निर्मळा नामदेव रत्नाकरी बलव - ग्रंथदेवी तिलंगाडे
	सप्टेंबर	शिवाजी आपचि दून झाली - दलाजी तुझी सदा चलन वाणा → ताराबाई शिंदे आरसा बाँधुनिया मराठीया → पाडुरंगबाबा संतदासोपंत [फादर स्टीफन्स
	ऑक्टोबर	परमेश्वराच्या अनित्य → श्री. य माटे पूर्वसायंदिशा - संत ज्ञानेश्वर रात्रीमध्ये कुलकर्ण चुरमुरीमुळे मातीरे ओंच केलेया गोपाळकृष्ण [रामानंद स्वामी जोरदार पंख मन करा रे प्रसन्न - संत तुकाराम
	नोव्हेंबर	लेखन - विलास सिंपण पत्रलेखन → जिल्हाधिकारी कार्यालयीन विद्यापीठे →
		ऑक्टोबर

Dept of Marathi - Smt. Bombe S.D.

PERSONAL TIME TABLE (2018 - 2019)

Period No.	Time / Class	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	8.30 to 9.20 / FYBSc, SYBA	Mar-SL / FY B.Sc	Mar-SL / FY B.Sc	Mar-SL / FYB.Sc	Mar-SL / FY B.Sc	Mar-SL / SY BA	—
2	9.20 to 10.10 / SY BA	—	—	—	Mar-SL	Mar-SL	Mar-SL
3	10.10 to 11.00 / FYBA	Mar-OP IX-XII	Mar-OP IX-XII	Mar-OP IX-XII	—	—	—
4	11.00 to 11.50 / FYBA, FYBA	Mar-OP II-IV	Mar-OP II-IV	Mar-OP II-IV	—	—	—
5	12.40 to 1.30 / FYBA	—	Mar-OP II-IV	— —	— — —	— —	— — —
6	12.40 to 1.30 / FYBA	— —	— — —	Mar-OP IX-XII			
7							
8							
9							
10							

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

2018-2019

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class T.Y.B.A. Paper (XIII) पाश्चात्य साहित्यविचार

Sr. No.	Month	Topics / Practicals to be Completed
	नोव्हेंबर	साहित्याचे स्वरूप लक्षण -> रसकीन कोलरीज कोर्टहोप लार्साईल वर्डस्वर्थ मॅथ्यू लॉंर लक्षण -> कल्पना भावना बुद्धी तथ्यदर्शन शैली
	डिसेंबर ->	साहित्याचे प्रयोजन -> फलश्रुतीवाद स्वरंजन जिज्ञासापूर्ती आत्माविष्कार उद्बोधन विरेचन (कॅथार्सिस)
	जानेवारी	मार्क्सवादी साहित्यविचार कार्लमार्क्सचा साहित्यविषयक दृष्टिकोन समाजवादी वास्तववाद परात्मतची संकल्पना
	फेब्रुवारी ->	साहित्य निर्मितीची प्रक्रिया - रिचर्डस फाईड कार्ल युंगचा युंग पुस्तकी प्रिस्कॉट कोलरीज टी.एस. इलियट यांचे काव्यगर्भ निर्मिती प्रक्रियेसंदर्भातील मते.
	मार्च ->	समीक्षा पद्धती ऐतिहासिक समीक्षा पद्धती मार्क्सवादी समीक्षा पद्धती.

S.K.Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class T.Y. B.A. Paper ~~XI~~ XV मध्ययुगीन मराठी वाङ्मयाचा इतिहास (1600 ते 1818)

Sr. No.	Month	Topics / Practicals to be Completed
(1)	जून	मराठीचा प्रारंभकाळ व मुकुंदराज
(2)	जुलै	महानुभव पंथ आणि त्यांचे वाङ्मयीन कार्य
(3)	ऑगस्ट	वारकरी संप्रदाय आणि त्यांचे वाङ्मयीन कार्य
(4)	सप्टेंबर	बहामनी कालीन मराठी साहित्य
(5)	ऑक्टोबर	संत तुकाराम आणि संत एकनाथ
(6)	नोव्हेंबर	पंडिती आणि पंडितेतर साहित्यातील फरक
(7)	डिसेंबर	~~पंडिती~~ पंडिती साहित्य प्रेरणा स्वरूप व वैशिष्ट्ये
(8)	जानेवारी	शाहिरी वाङ्मय प्रेरणा व स्वरूप वैशिष्ट्ये
(9)	फेब्रुवारी	बखर वाङ्मय प्रेरणा व स्वरूप वैशिष्ट्ये
(10)	मार्च	पेशवेकालीन बखरी यांचा परिचय

S.K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class..... S.Y. B.A. Paper ~~XVI~~ VII आधुनिक मराठी वाङ्मयाचा इतिहास १८०० ते १९२०

Sr. No.	Month	Topics / Practicals to be Completed
①	जून	इ.स. १८०० ते इ.स. १८७४ या कालखंडाची सामाजिक व सांस्कृतिक पार्श्वभूमी.
②	जुलै	निबंध, स्वरूप, विशेष.
③	ऑगष्ट	कथा - वाङ्मयाचे स्वरूप, विशेष
४)	सप्टेंबर	कादंबरी वाङ्मयाचे स्वरूप, विशेष
५)	ऑक्टोबर	कोदबरी वाङ्मयाचे स्वरूप.
⑥	नोव्हेंबर	नाट्य वाङ्मयाचे स्वरूप, विशेष
⑦	डिसेंबर	नाट्य वाङ्मयाचे स्वरूप विशेष
८)	जानेवारी	काव्य वाङ्मयाचे स्वरूप विशेष
⑨	फेब्रुवारी	चरित्र, वाङ्मयाचे स्वरूप विशेष
⑩	मार्च	आत्मचरित्र वाङ्मयाचे स्वरूप विशेष.

विषयाचे नाव : यम ① मराठी भाषा आणि वाणिज्य व्यवहार
② व्यवसायीक मराठी आणि वाणिज्यव्यापार

S.K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class F.Y. BCOM Paper (सत्र) ~~सत्र पहिले व उपयोजित मराठी~~

Sr. No.	Month	Topics / Practicals to be Completed
①	जुन	भाषा आणि भाषा शिक्षण
②	जुलै	व्यापार व्यवहारातील वाचन संस्कृतीचे महत्व
③	ऑगस्ट	पत्रलेखन तंत्र स्वरूप व मायना
④	सप्टेंबर	जागतीकीकरणात मराठी भाषेचे महत्व
⑤	ऑक्टोबर	निबंधलेखन
⑥	नोव्हेंबर	निबंधलेखन
⑦	डिसेंबर	कार्यालयीन लेखन तंत्र अनुवाद तंत्र, स्वरूप आणि उपयोजन
⑧	जानेवारी	वाणिज्य व्यवसाय व माध्यम
⑨	फेब्रुवारी	वाणिज्य व्यापारासाठी सहाय्यभूत साधने
⑩	मार्च	व्यापाराला मदत करणारी साधने

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MONTH WISE TEACHING PLAN 2018-2019

Class. F.Y. BA (SEM II) Paper (I) काव्यात्म साहित्य आणि कथात्म साहित्य

Sr. No.	Month	Topics / Practicals to be Completed
1	जुलै	केशवसुत - कोणी ऋण कोणाचे, मूर्तीभंजन, तुतारी कविता आणि इंदिरा संत, बहिणाबाई चौधरी
2	ऑगस्ट	सुमित्रा सुमित्रा च्या निवडक कविता.
3	सप्टेंबर	नारायण सुर्वे च्या कविता अजून कोसरकर आत्ता कविता
4	ऑक्टोबर	नामदेव ढसाळ यांच्या काही निवडक कविता.
5	नोव्हेंबर	सरत्या पावसाळ्यातील एक रात्र.
6	डिसेंबर	श्रीमंत्या, अंतःकरणाचे रत्नदीप, नदीकाठच्या प्रकार, गोदीजी 2001,
7	जानेवारी	आपण माणसात जमा नाही. दिशोध चोकी, ~~अनंत~~,
8	फेब्रुवारी	चोकी, आग, कुशी.
9	मार्च	तीन पावले दान.

Prof. Harkar D.B. Depar- Marathi.

PERSONAL TIME TABLE 2018 - 2019

Period No.	Time		Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	8.30 to 9.20	B.Com I year	Mar (SL)	Mar (SL)	Mar (SL)	Mar (SL)	–	–
2	8.30 to 9.20	B.Com II year	–	–	–	–	Mar (SL)	Mar (SL)
3	10.10 to 11.00	BA III year	–	–	–	Mar (S.P) XI, XV	Mar (S.P) XI, XV	Mar (S.P) XI, XV
4	11.00 to 11.50	BA I year	–	–	–	Mar (OP) I, III	Mar (OP) I, III	Mar (OP) I, III
5	11.50 to 12.40	BA II year	Mar (OP) V, VII	Mar (OP) V, VII	Mar (OP) V, VII	–	–	–
6	12.40 to 1.30	BA I year	Mar (OP) I, III	–	–	–	–	–
7	12.40 to 1.30	B.Com II year	–	–	–	–	Mar (SL)	Mar (SL)
8	12.40 to 1.30	BA III year	–	–	Mar (S.P) XI, XV	–	–	–
9	1.30 to 2.20	BA II year	Mar (OP) V, VII	–	–	–	–	–
10	1.30 to 2.20	BA III year	–	–	Mar (S.P)	Mar (S.P)	Mar (S.P)	Mar (S.P)

S.K. Gandhi Arts, Amolak Science & P.H. Gandhi Commerce College, Kada

S.K.Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN 2018-2019

Class FY BCOM Paper (S2) गद्य-पद्य व उपयोजित मराठी

Sr. No.	Month	Topics / Practicals to be Completed
①	जुलै	ससीकु रक्षण, अर्जदस्त, राजाची अर्ज्य, धुकीआतील रंग, कुश्चळ मुलीवरी उगवली तुळशी, आनंदे ओवीया
②	ऑगस्ट	जिजाऊ आमची सून झाली, भाषा बोधिमय मराठी, पूर्वभाग्यदिशा, घाडसदेवा, अतिभेद कुलकर्म मुलगी मुक नाही रे
③	सप्टेंबर	तुम्ही सदासरणीने वागू, रोमे खेळिया गोपाळ मन करा रे प्रसन्न, घरमेश्वरसे भोवतव्य
④	ऑक्टोबर	तुरया पितीचे, सत्याग्रही बसव, लेखन विषयक नियम, पत्रलेखन,
⑤	नोव्हेंबर	विरामचिन्हे, भाषातेर.
⑥	डिसेंबर	शेवटचे, फर्नांन, कुलवीन, निर्झरास, नव महाराष्ट्र गीत, देशाचे भाषितव्य.
⑦	जानेवारी	लोकभाषा हिच ज्ञानभाषा, कोकणे मराठी आई, गिरोबा, मतीलुधनुटीचा सिंगलग्न लय
⑧	फेब्रुवारी	बीरसा मुंडा, मुक्तेचे निबंध ग्लोबल मेदिचीकडी डिमडी, भुक, बाप, घोषवाक्य, सेवा लेखन
⑨	मार्च	श्रम असतं प्रेम अहवाल लेखन, जाहिरात लेखन

Department of Hindi (2018-2019)

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class B.A. III. Paper (XI, XII) प्रयोजनमूलक हिन्दी I II

Sr. No.	Month	Topics / Practicals to be Completed
1.	June	हिन्दी भाषा : स्वरुप एवं विकास
2.	July	हिन्दीभाषा : स्वरुप एवं विकास
3.	August	हिन्दी भाषा तथा मानकीकरण
4.	September	देवनागरी लिपि : उद्भव और विकास
5.	October	प्रयोजनमूलक हिन्दी : स्वरुप एवं प्रयुक्तियाँ
6.	November	पारिभाषिक शब्दावली
7.	December	राजभाषा हिन्दी
8.	January	प्रयोजनमूलक हिन्दी : लेखन
9.	February	प्रयोजनमूलक अनुवाद
10	March	प्रयोजनमूलक अनुवाद

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class B.A. III. Paper (XI XII) साहित्यशास्त्र I II

Sr. No.	Month	Topics / Practicals to be Completed
1.	June	साहित्य का स्वरुप
2.	July	साहित्य के तत्व
3.	August	साहित्य प्रयोजन
4.	September	साहित्य हेतु
5.	October	शब्दशक्ति विचार
6.	November	रस विचार
7.	December	अलंकार विचार
8.	January	छंद विचार
9.	February	विधा स्वरुप : विवेचन
10.	March	आलोचना : स्वरुप तथा भेद

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MONTH WISE TEACHING PLAN

Class B.A.I Paper (I, II)

Sr. No.	Month	Topics / Practicals to be Completed
		नाटक तथा एकांकी साहित्य
1)	June	—
2)	July	विजय पर्व
3)	August	विजयपर्व
4)	September	होरी
5)	October	अलख आजादी की
6)	November	अलख आजादी की
7)	December	एकांकी नये पुराने
8)	January	एकांकी नये पुराने
9)	February	प्रतिनिधि महिला एकांकी
10)	March	प्रतिनिधि महिला एकांकी

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class B.A.II Paper (S.L.) सामान्य हिन्दी भाषा III, IV

Sr. No.	Month	Topics / Practicals to be Completed
1)	June	गद्य के विविध आयाम
2)	July	गद्य के विविध आयाम
3)	August	प्रयोजनमूलक हिन्दी, भाषा शिक्षण
4)	September	व्यावसायिक हिन्दी
5)	October	निबंध लेखन
6)	November	गद्य के विविध आयाम
7)	December	प्रयोजनमूलक हिन्दी
8)	January	वैज्ञानिक, तकनीकी हिन्दी
9)	February	अशुद्धि शोधन
10)	March	अनुवाद

Dept- Hindi, Dr. Gavhane V.B. **PERSONAL TIME TABLE** 2018-2019

Period No.	Time		Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	8.30-9.20	B.A.II B.A.III	– Opt+~~XI~~ XII	– Opt	– Opt.	– Opt.	S.L. –	– –
2	9.20-10.16	B.A.II	–	–	–	S.L	S.L	S.L.
3	11.00-11.50	B.A.I	Opt+ II IV	Opt	Opt+	Opt	–	–
4	11.50-12.40	B.A.II	–	–	–	–	Opt+ III, VIII	Opt.
5	1.30-2.20	B.A.II B.A.III	Opt+ VI VIII –	Opt –	– S.P.-~~XI~~	– S.P.	– S.P.	– S.P.
6								
7								
8								
9								
10								

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

lass...T.Y. Class...T.Y.B.A..... Paper (I) आदिकालीन मराठी साहित्य आणि इतिहास

r. No.	r. No.	Month	Topics / Practicals to be Completed
1	17	JUN.	आदिकाल आदिकालची सर्वसाधारण माहिती सामाजिक, राजकीय पार्श्वभूमी
2	2)	JUL.	आदिकाल आदिकालीन साहित्य, लोकभाषा जैन शिवकाव्य व नाथ साहित्य १. अमीर खुसरो विद्यापति नामदेव
3	3)	Aug	भक्तिकाल सामाजिक, सांस्कृतिक ऐतिहासिक पार्श्वभूमी निर्गुण साहित्य संत साहित्य सूफी
4	4	Sep	भक्तिकाल संतकवि ज्ञानेश्वर, नामदेव कबीर साहित्य कबीर जायसी तुलसीदास सूरदास
5	5	oct.	रीतिकाल सामान्य सांस्कृतिक ऐतिहासिक रीतिबद्ध रीतिसिद्ध, बिहारी केशव घनानंद देव

S.K.Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class...T.Y.B.A..... Paper (XII) ...भक्तिकालीन काव्य.....

Sr. No.	Month	Topics / Practicals to be Completed
6)	NOV	भक्तिकालीन काव्य : सामान्य परिचय
7)	Dec	1 भक्तिकालीन कविता : संवेदना 2) भक्तिकालीन कविता : शिल्प विधान
8)	Jan	रीतिकालीन काव्य : सामान्य परिचय
9	Feb	रीतिकालीन काव्य : सामान्य परिचय 1 रीतिकालीन कविता : संवेदना 2) रीतिकालीन कविता : शिल्पगत विधान
	Mar	भक्ति तथा रीतिकाल : पृष्ठभूमि एवं प्रवृत्तियाँ

S.K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

lass...T.Y. B.A..... Paper (IV) .....मराठी कादंबरी.....

r. No.	Month	Topics / Practicals to be Completed
1	Jun	प्रतिनिधिक कादंबरीचा अभ्यास डॉ. भालचंद्र नेमाडे
2	Jul.	प्रतिनिधिक कादंबरी : अभ्यास डॉ भालचंद्र नेमाडे
3	August	मराठी कादंबरीचे वैशिष्ट्यपूर्ण
4	Sep	घटकांचे : तौलनिक अभ्यास
5	Oct	घटकांचे तौलनिक अभ्यास

MONTH WISE TEACHING PLAN

Class... S.Y.B.A.... Paper (VII) ... आधुनिक हिंदी कविता ...

Sr. No.	Month	Topics / Practicals to be Completed
6	Nov.	1) चुनी हुई हिंदी कविताएँ तोलिंग पुस्तक
7	Dec	1) चुनी हुई हिंदी कविताएँ
8	Jan	चुनी हुई हिंदी कविताएँ
9	Feb	मुद्रितशा (रचनात्मक)
10	Mar.	मुद्रितशा. (रचनात्मक)

MONTH WISE TEACHING PLAN

Class ~~S.Y. B.A.~~ ..... Paper (opt) .....

Sr. No.	Month	Topics / Practicals to be Completed
1	Jun	1) गद्य पद्य. आलोचक अध्ययन
2	JUL.	2) गद्य पद्य आलोचक अध्ययन
3)	AUG	3) गद्य लेखन ई का अध्ययन
4	Sep	4 गद्य लेखन ई का अध्ययन
5	Oct.	देवनागरी लिपी उच्चारण अंक विचार पुनरावृत्ती लिपी	

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MONTH WISE TEACHING PLAN

.. Class F.Y.B.A.. Paper (०१) ..उपयोजित मराठी.....

Sr. No.	Month	Topics / Practicals to be Completed
	JUL.	अभिनय - स्वगत
	AUG.	अभिनय. संवाद
	Sep.	आपला कंठी लघु पटकथा
	oct.	आपला - कॉपी.
	Nov.	व्यक्ती चित्र विशेष अभिनय उपयोजित मराठी संवेदना
	Dec	हिंदी गद्य साहित्य.
	Jan	उरला भाग.] माध्यम सोबतचे
		उरला भाग.]
	Feb	आपला इतिहास] व्यक्तिमत्व परिचय
	March	आपला भविष्य]

MONTH WISE TEACHING PLAN

Class F.Y.B.A. Paper (S.L.2) ..... Functional Hindi .....

Sr. No.	Month	Topics / Practicals to be Completed
1	Dec.	हमारे त्यौहार घर की सजावट, कुर्सी का आकार
2	Jan.	पोस्टर, छुट्टी का दिन
3.	Feb.	व्यवहारिक हिंदी 1) अखबार लेखन : संपादक, पत्रकार 2) पत्राचार निजी व्यावसायिक आवेदन, अर्जियाँ
4)	Mar. 1 2	मुहावरे के लिंग व वचन अनुवाद सरल के गद्य

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MONTH WISE TEACHING PLAN

Class F.Y.B.A..... Paper (S.L.-I) ..... आधुनिक हिन्दी .....

Sr. No.	Month	Topics / Practicals to be Completed
1	JUL.	उषा अंसारी डॉ. मिश्र दिवाकर 1) सेठी और कुरुप, 2) हार की जीत.
2	AUG.	3) दो. बाँके 4) गोदी
3	Sep	5) सच कथ. 6) पंचलाईट
4	oct.	7. उपन्यास
	Nov.	हिन्दी भाषा. देवनागरी लिपि भाषा और बोली आधुनिक हिन्दी साहित्य खण्ड 1+2+3+4)

MONTH WISE TEACHING PLAN

Class .F.Y.B.A.... Paper (I) ...अध्यापन माहितीचे.....

Sr. No.	Month	Topics / Practicals to be Completed
	जुलै	1] अमिता महापात्र लोकप्रशासनी प्रकाशन दि. दिल्ली
	ऑगस्ट	2] अमिता महापात्र लोकप्रशासनी प्र
	सप्टेंबर	3] अमिता महापात्र लोकप्रशासनी
	ऑक्टोबर	4] आपकु बॅटी मनु भंडारी राजाकुलका प्र दिल्ली
	नोव्हेंबर	5] आपका बंटी मनु भंडारी राजाकुलका प्र. दिल्ली
	F.Y.B.A. III	विभाजन आणि स्वातंत्र्य
	डिसेंबर	कथा यात्रा भाऊसाहेब पाटणकर कहानी का स्वरूप तथा विकास
	जानेवारी	कथा यात्रा उत्तरशिवरे का भाऊसाहेब पाटणकर तथा विश्वनाथ शिंदे
	फेब्रुवारी	कथा प्रयोग शिवाजी सावंत ती वाघ सरळ उर्मिला पवार
	मार्च	कथा प्रयोग ती कथा प्रयोगाचे रूपांतर

Dr Chaudhari. K.B. **PERSONAL TIME TABLE** 2018-2019 Dep. Hindi

Period No.	Time	class	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	8.30 to 9.20	BA I.	S.L	S.L	—	—	—	S.L.
2	9.20 to 10.10	BA I	S.L	S.L	S.L	—	—	—
3	10.10 to 11.00	B.A III	opt. IX XIII	opt. IX XIII	opt. IX XIII	opt IX XIII	opt X XIV	opt. X XIV
4	11.00 to 11.50	B.A I	—	—	—	—	opt I III	opt I III
5	11.50 to 12.40	B.A II	opt V VII	opt V VII	opt V VII	opt V VII	—	—
6	12.40 1.30	B.A I	opt. II	opt. III	opt X XIV	opt. X XIV	—	—
7	—	—	—	—	—	—	—	—
8	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	—
10	—	—	—	—	—	—	—	—

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MONTH WISE TEACHING PLAN

Class: T.Y.B.A. XIV Paper (XIV) आधुनिक हिंदी साहित्य का इ. [illegible]

Sr. No.	Month	Topics / Practicals to be Completed
6)	Nov.	आधुनिक काल —×— अ. आधुनिक काल 1 काव्य साहित्य → भारतेंदु युगीन कविता → द्विवेदी युगीन कविता
7.	Dec	छायावादी कविता प्रगतिवादी, नई कवि समकालीन कविता दलित आदि. क.
8	Jan.	गद्य साहित्य आधु. कहानी उद्भव और परंपरा प्रतिनिधि आलोचक
9	Feb	दूर्द विचार.
10	March	अ. विद्या स्वरूप : विशेषता दूरदर्शन अ. प्रसारण [illegible]
11	~~April~~	

Department of History (2018-2019)

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Ka

MONTH WISE TEACHING PLAN

Sem - VI

Class B.A. III ..... Paper (XIII) Fields of History Archiology Museology Tourism

Sr. No.	Month	Topics / Practicals to be Completed
1	Nov. 2018	I पुरातत्व विद्या - पुरातत्व विद्येचा विकास व्याख्या, अभ्यासाचे कालखंड, पुरातत्व विद्येचे उद्दिष्टये, इतर शास्त्रांशी संबंध, भारतीय पुरातत्व शास्त्राचा विकास.
2	Dec - 2018	II पुरातत्व विद्येतील प्रक्रिया - पुरातत्वीय स्थळांचा शोध, पुराशोधाचे संकलन वर्गीकरण.
3	Jan - 2019	III वस्तुसंग्रहालय - वस्तू संग्रहालयाची व्याख्या, स्वरूप, भारतीय वस्तू संग्रहालये. खाजगी वस्तू संग्रहालये, परराष्ट्रीय वस्तू - संग्रहालये, सेवक वर्ग, ध्येय व कार्ये - वस्तूंची सुची, वर्गीकरण, स्वरूप आणि प्रकार.
4	feb - 2019	IV - पर्यटन - पर्यटनाचे उद्दिष्टये, वैशिष्टये, व्याप्ती, पर्यटन विकासाचे महत्व, महत्व, ऐतिहासीक पार्श्वभूमी
5	March - 2019	V पर्यटनाचे स्वरूप आणि प्रकार - स्वदेशी पर्यटन, प्रादेशिक पर्यटन, राष्ट्रीय व आंतरराष्ट्रीय पर्यटन, ग्रामीण पर्यटन,

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MONTH WISE TEACHING PLAN

scm - IV

Class SYBA Paper (VII) History of India - BC - 300 TO 650

Sr. No.	Month	Topics / Practicals to be Completed
1	NOV - 2018	I साधने - वाङ्मयीन आणि पुरातत्वीय साधने
2	Dec - 2018	II राजकीय घडामोडींचा संक्षिप्त आढावा - शुंग, कान्व, अलेक्झांडरचे आक्रमण, शक, कुशाण सातवाहन, पाटलिपुत्र, संगम कालखंड, गुप्त कालखंड वाकाटक राजवंश, हर्षवर्धन
3	Jan - 2019	III सामाजिक - आर्थिक जीवन - समाजरचना सामाजिक परंपरा, शिक्षण, स्त्रियांची दशा आर्थिक स्थिती, व नागरिकरण IV धार्मिक जीवन - जैनधर्म, बौद्धधर्म शैव पंथ, व वैष्णव पंथ
4	Feb - 2019	V - कला व स्थापत्याचा विकास - मंदिर स्थापत्य, विविध प्रादेशिक स्थापत्याचा विकास,
5	March 2019	VI भाषा व साहित्य - संस्कृत संगम

MONTH WISE TEACHING PLAN Sem II

Class BA-I Paper (III) History of the Marathas AD 1707 to AD 1818

Sr. No.	Month	Topics / Practicals to be Completed
1	Nov 2018	I छत्रपतींकडून पेशव्यांकडे सत्तेचे हस्तांतर कारणे, छत्रपती शाहू, बाळाजी विश्वनाथ
2	Dec - 2018	II पेशवा बाजीराव पहिला व मराठा सत्तेचा विस्तार.
3		III पानिपतचे तिसरे युद्ध - पार्श्वभूमी कारणे, परिणाम, पानिपत अपयशाची कारणे.
3	Jan - 2019	IV मराठा सत्तेचे पुनरुज्जीवन - पेशवा माधवराव, मृत्यू.
		V इंग्रज - मराठा संबंध - इंग्रजांचा साम्राज्य विस्तार, दुसरे इंग्रज मराठा युद्ध इंग्रज भोसले - होळकर व शिंदे संबंध
4	feb. 2019	VI मराठा सत्तेचा अस्त - मराठा सत्तेचा ऱ्हासाची कारणे, मूल्यमापन.
5	March - 2019	VII पेशवेकालीन प्रशासन - प्रांत - जिल्हा - आणि ग्रामव्यवस्था, पेशवेकालीन न्यायव्यवस्था व सैन्य व्यवस्था

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MONTH WISE TEACHING PLAN

Sem - V

Class ..BA III.. Paper (XI) ..History of India : AD 1757 - 1885

Sr. No.	Month	Topics / Practicals to be Completed
1	August - 2018	I. 18 व्या शतकातील भारतातील राजकीय व आर्थिक स्थिती, भारतात परकीय आगमने, इंग्रज, पोर्तुगीज, फ्रेंच, डच. II भारतात इंग्रज सत्तेचा उदय व विस्तार - बंगाल, पंजाब, अवध, म्हैसूर, महाराष्ट्र III इंग्रजांची भारतातील प्रशासन व्यवस्था - आर्थिक व्यवस्था, शिक्षण, पत्रकारिता, आणि इंग्रज विद्वानांचे कार्य
2	Sept - 2018	IV इंग्रजकालीन भारतातील कृषी जीवन, ग्रामीण अर्थव्यवस्था, कायमधारा पध्दती, रयतवारी, महालवारी पध्दत, इस्तउद्योग प्रश्न, रेल्वे, पोस्ट आणि टेलिग्राफ सुविधा, मोठे उद्योगधंदे - पोलाद आणि लोखंड, कापूस उत्पादन. V सामाजिक आणि धार्मिक सुधारणा चळवळ - ब्राम्हो समाज, आर्यसमाज, सत्यशोधक, प्रार्थना समाज. VI इंग्रजांचा भारतातील वसाहतवाद ① स्वरूप, व्याप्ती, प्रसारणे टप्पे II 1857 चा उठाव - कारणे, परिणाम, नाने - उठावाच्या पराभवाची कारणे
3	Oct - 2018	VII भारतीय राष्ट्रीय काँग्रेसची स्थापना पार्श्वभूमी - वास्तव - नेमे, आक्षेपाचे व मत प्रवाह.

MONTH WISE TEACHING PLAN Sem - V

Class BA III Paper (IX) Historiography

Sr. No.	Month	Topics / Practicals to be Completed
1	August - 2018	I इतिहास - व्याख्या, स्वरूप, व्याप्ती, प्रकार, इतिहास एक शास्त्र, इतिहास एक कला. II इतिहास व इतर शास्त्रा इतर शाखा - राज्यशास्त्र, पुरातत्वशास्त्र, मानववंशशास्त्र, भूगोल, समाजशास्त्र, राज्यशास्त्र, अर्थशास्त्र, इ संबंध. III इतिहासाच्या साधने - साधनांचे वर्गीकरण, मूल्यमापन, विश्वासार्हता,
2	Sept - 2018	IV - इतिहासाचे आधुनिक तत्वचिंतक - रँके, हेगेल, कार्ल मार्क्स, टॉयनबी, V. भारतीय इतिहासातील विविध प्रवाह - वसाहतवादी, राष्ट्रवादी, मार्क्सवादी, सबाल्टर्न, VI इतिहासाचे सदुपयोग
3	Oct - 2018	VII इतिहास संशोधनाच्या विविध पद्धती.

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Sem III

MONTH WISE TEACHING PLAN

Class ..SYBA.. Paper (V) ..History of Early India -BC-600..

Sr.No.	Month	Topics / Practicals to be Completed
1	August 2018	I प्राचीन भारताच्या इतिहासाची साधने - लिखित साधने, अलिखित साधने (पुरातत्वीय व नाणकशास्त्रीय साधने) II व इंडो आर्य संस्कृती :- नगरस्थना, उगम, विकास, आणि ऱ्हासाची कारणे, अ) ऋग्वैदिन संस्कृती = लोहयुग संस्कृती
II	Sep - 2018	III वैदिक संस्कृती - वैदिकवाङ्मय, चारवेद पुरुषार्थ - सामाजिक, आर्थिक, राजकीय व धार्मिक जीवन, स्त्री दशा आणि दर्जा IV - धार्मिक चळवळी :- जैन व बौद्ध धर्माचा उदय, विकास, विकासाचे प्रसार - हास - चार्वाकदर्शन,
III	Oct 2018	V - मौर्य आणि मौर्योत्तर काळ - सम्राट अशोक, चंद्रगुप्त मौर्य, सामाजिक, आर्थिक स्थिती, अ) तमपद व महाजनपदे - मगधाचा उदय VI अर्थव्यवस्था - मृदती व्यावसाय, उद्योगधंदे व्यापार, मौर्यकालिन आर्थिक स्थिती

MONTH WISE TEACHING PLAN Sem-I

Class BA I ..... Paper (I) Shivaji and his Times - 1630 to 1707

Sr. No.	Month	Topics / Practicals to be Completed
I	August 2018	I मराठा सत्तेचा उदय - महाराष्ट्राची भौ. पार्श्वभूमी सामाजिक व आर्थिक स्थिती संतांचे कार्य II शिवाजीची प्रारंभिक मोहिमा - स्वराज्यस्थापना तोरणा, चाकण, अफजलखान प्रकरण, मराठा सिद्धी संघर्ष, पन्हाळा वेढा.
		III शिवाजी गुदाल संबंध - औरंगजेब व आदिलशाही यांची दाभोळ्यांची शिवाजी विरुद्ध संयुक्त मोहीम, पुरंदरचा तह. शिवाजी आग्रा भेट. सुटका.
II	September-2018	IV शिवाजीचा राज्याभिषेक आणि कर्नाटक मोहिम - राज्याभिषेक, कर्नाटक मोहिम, प्रमुख लढाया, कर्नाटक विजयाचे परिणाम
		V - छत्रपती संभाजी - जंजिरा मोहिम, कर्नाटक संघर्ष, संभाजी वध.
		VI - मराठ्यांचे स्वातंत्र्य युद्ध - महत्त्व संभाजी औरंगजेब संघर्ष.
III	Oct - 2018	VII - शिवकालीन प्रशासन - राजव्यवस्था समाज व्यवस्था - लष्करी प्रशासन, शिवाजी महत्त्व.

Vidhate N.N **PERSONAL TIME TABLE** 2018 - 2019 History

Period No.	Time		Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	9.20 10.10	BA III	His - IX	His - IX	His - IX			
2	10.10 11.00	BA I				His - I	His - I	His - I
3	11.00 11.50	BA II	His - V	His - V	His - V			
4	12.40 1.30	BA II BA III					His - IX	His - V
5	1.30 2.20	BA III BA I	His - I		His - SP XI	His - SP - XI	His - SP - XI	His - SP - XI
6								
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MONTH WISE TEACHING PLAN Sem - VI

Class BA III Paper (XV) Glimpses of the History of Marathwada

Sr. No.	Month	Topics / Practicals to be Completed
1	Nov - 2018	I, मराठवाड्याचा राजकीय इतिहास - मराठवाड्याच्या इतिहासाची साधने, भौगोलिक परिस्थिती, प्राचीन इतिहासाचा आढावा. सांस्कृतिक पैलू.
2	Dec - 2018	II मराठवाड्यातील धार्मिक चळवळी - वैदिक चळवळ, बौद्धधर्म, जैनधर्म, महानुभव पंथ, वीर शैव, भक्ती चळवळ आणि संतांचे कार्य.
3	Jan 2019	III - मराठवाड्यातील कला आणि स्थापत्य - लेणी, मंदिरे व शिल्पे, मशिदी आणि दर्गे, गुरुद्वारा आणि किल्ले.
4	feb - 2019	IV Nature of the rule of Nizam of Hyderabad and early struggles against Nizam
5	March 2019	V हैद्राबाद मुक्ती संग्राम - 1937 to 1948 स्टेट कॉंग्रेस, आर्यसमाज चळवळ, वंदेमातरम् रझाकार संघटना, स्वामी रामानंद तिर्थ यांचे योगदान, सरदार वल्लभभाई पटेल व पोलीस कारवाई, संग्रामातील विविध घटना आणि कार्य.

MONTH WISE TEACHING PLAN

Class B.A.-S.Y. Paper (VII) मोगलकालीन भारताचा इतिहास

Sr. No.	Month	Topics / Practicals to be Completed
	नोव्हेंबर 2018	① साधने - वाङ्मयीन आणि पुरातत्वीय साधने
	डिसेंबर 2018	② मोगलकालीन राजकीय इतिहास ऐतिहासिक आढावा - सम्राट बाबर, हुमायुन, शेरशहा सुर, अकबर, जहांगिर, शहाजहान, औरंगजेब उत्तरकालीन मोगल
	जानेवारी 2019	③ मोगलकालीन प्रशासन - मुलकी, लष्करी, अमलदारीचा, प्रशासन ④ राज्यकर्ता वर्ग - सरदार, जमीनदार, मनसबदार व जहागिरदार ⑤ आर्थिक घडामोडी - कृषी, महसुल, उद्योगधंदे, व्यापार, चलन व्यवस्था आणि शहरीकरण
	फेब्रुवारी 2019	⑥ धर्म - सामाजिक, धार्मिक जीवन इस्लामचा प्रभाव, सुफीझम, शिख पंथ, हिंदु धर्म, वैष्णवपंथ समाज - ग्रामीण शहरी, गुलामगिरी, शिक्षण, स्त्रियांचा दर्जा -
	मार्च 2019	⑦ कला व स्थापत्य - चित्रकला, साहित्य - संस्कृत, पर्शियन

MONTH WISE TEACHING PLAN

Class B.A.-T.Y. Paper (XIV) अर्वाचीन जागतिक इतिहासातील निवडक्रे

Sr. No.	Month	Topics / Practicals to be Completed
	नोव्हेंबर 2018	① युरोपातील प्रबोधन आणि धर्म सुधारणेची चळवळ
	डिसेंबर 2018	② अमेरिकन स्वातंत्र्य युद्ध - कारणे, वाटचाल - परिणाम
	जानेवारी 2019	③ फ्रेन्च राज्यक्रांती - कारणे वाटचाल आणि परिणाम औद्योगिक क्रांती - पार्श्वभुमी प्रगती आणि महत्व
	फेब्रुवारी 2019	④ जागतिक पहिले महायुद्ध महायुद्धाची कारणे आणि महायुद्धाचे परिणाम
	मार्च 2019	⑤ जागतिक दुसरे महायुद्ध महायुद्धाची कारणे महायुद्धाचे परिणाम

द्वितीय - सत्र

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MONTH WISE TEACHING PLAN

Class B.A. F.Y. Paper (IV) विसाव्या शतकातील महाराष्ट्र

Sr. No.	Month	Topics / Practicals to be Completed
	नोव्हेंबर 2018	① स्वातंत्र्य - चळवळ, सुरतेची फूट आणि तिचे परिणाम राष्ट्रीय चळवळ, भारतातील राष्ट्रीय चळवळीत लोकमान्य टिळकांचे योगदान
	डिसेंबर 2018	② राष्ट्रीय चळवळ, असहकार चळवळ सविनय कायदेभंग, भारत छोडो आंदोलन
	जानेवारी 2019	③ सामाजिक चळवळ - ① ब्राह्मणेतर चळवळ - राजर्षी शाहू केशवराव जेधे, दिनकरराव जवळीकर ② दलित चळवळ - वि. रा. शिंदे, डॉ. बाबासाहेब आंबेडकर ③ शैक्षणिक चळवळ - कर्मवीर भाऊराव पाटील, पंजाबराव देशमुख
	फेब्रुवारी 2019	④ हैद्राबाद मुक्ती संग्राम आणि मराठवाडा
	मार्च 2019	⑤ महाराष्ट्र राज्याची निर्मिती ① स्वतंत्र मुंबई राज्य ② संयुक्त महाराष्ट्र - चळवळ

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MONTH WISE TEACHING PLAN

Class B.A. T.Y. Paper (XI) आधुनिक भारतीय राष्ट्रीय चळवळीचा इतिहास (1857-1947)

Sr. No.	Month	Topics / Practicals to be Completed
	जुन 2018	① पार्श्वभूमी - भारतातील ब्रिटिश राजवटीचे स्वरूप, धोरणे आणी प्रशासन
	जुलै 2018	② भारतातील शेतकरी दादाचा उदय कारणे आणी विकास
	ऑगष्ट	③ भारतीय राष्ट्रीय कॉग्रेस आणी राष्ट्रीय चळवळ, सनदशीर व
	सप्टेंबर 2018	④ जहालवादी आणि नेतृत्व.
		⑤ क्रांतिकारी चळवळ - उदय विकास आणी स्वरूप महात्मा गांधीजींचा नेतृत्वाखाली राष्ट्रीय चळवळ
	ऑक्टोबर 2018	⑥ जातीयवादाचा उदय भारतातील फाळणी आणी भारताचे स्वातंत्र्य

MONTH WISE TEACHING PLAN

Class B.A. T.Y. Paper (XII) Project (प्रोजेक्ट)

Sr. No.	Month	Topics / Practicals to be Completed
	जुन 2018	स्थानिक विषयावर प्रकल्प सादर करणेत
	जुलै 2018	① महाराष्ट्रातील विविध किल्ले ② ऐतिहासीक स्थळे, ऐतिहासीक ठिकाणे
	ऑगष्ट 2018	महाराष्ट्रातील संत, ऐतिहासीक संग्रहालय
	सप्टेंबर 2018	धार्मिक परंपरा, स्थानिक इतिहास, ऐतिहासीक सामाजिक दृष्टीकोन, निबंधात्मक प्रश्न
	ऑक्टोबर 2018	④ सामाजिक, ऐतिहासीक, इतिहासकार ⑤ ऐतिहासीक प्रबोधनकार विभागाचा इतिहास

MONTH WISE TEACHING PLAN

Class B.A. F.Y. Paper (II) आधुनिक महाराष्ट्राचा इतिहास (१८१८-१९४७)

Sr. No.	Month	Topics / Practicals to be Completed
	जुलै 2018	① १९ व्या शतकाच्या प्रारंभकाळातील महाराष्ट्राची- सामाजिक, आर्थिक आणि धार्मिक स्थिती
	ऑगस्ट 2018	② ब्रिटीश सत्तेचे प्रारंभीचे स्वरूप, प्रशासन, शिक्षण, मुद्रण व दळणवळण, ख्रिश्चन धर्म प्रसारकांचे कार्य
		③ प्रारंभीचे समाज व धर्म सुधारक - बाळशास्त्री जांभेकर, ज्योतिबा देशमुख महात्मा फुले, न्यू. रानडे, आगरकर पंडिता रमाबाई
	सप्टेंबर 2018	④ राष्ट्रवादाचा उदय व राष्ट्रीय चळवळ - रामोशी, भिल्ल, कोळी समाजाचा उठाव, 1857 चा उठाव व महाराष्ट्र वासुदेव बळवंत फडके यांचे कार्य
	ऑक्टोबर 2018	⑤ महाराष्ट्रातील राष्ट्रीय संघटना ① द बॉम्बे असोसिएशन ② पुणा सार्वजनिक सभा ③ भारतीय राष्ट्रीय काँग्रेस व महाराष्ट्रातील नेते

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MONTH WISE TEACHING PLAN

Class B.A. S.Y. Paper (IV) दिल्ली सल्तनत (1206-1526)

Sr. No.	Month	Topics / Practicals to be Completed
	जुन 2018	① इतिहासाची साधने दिल्लीची सुलतानशाही
	जुलै 2018	② राजकीय इतिहास (एक संक्षिप्त आढावा) ① तुर्कांचे आरंभीचे आक्रमण आणि दिल्लीत सुलतानशाहीची स्थापना ② खिलजी, तुघलक आणि लोदी साम्राज्याची वाटचाल ③ विजयनगरचे साम्राज्य व बहामनी
	ऑगस्ट 2018	③ सुलतानशाहीचे राज्यकारभार आणि प्रशासकीय धोरण
		④ सुलतानशाहीमधील आर्थिक आणि सामाजिक जीवन
	सप्टेंबर 2018	⑤ धर्म- राज्यकीय धार्मिक धोरण खुजी चळवळ, भक्ती-चळवळ वैष्णवपंथ, विशेष संस्कृती
	ऑक्टोबर 2018	⑥ संस्कृती, साहित्य कला आणि वास्तुकला

Dr Joshi R.L. **PERSONAL TIME TABLE** 2018 - 2019 (History)

Period No.	Time	Class	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	8-30 9-20	B-A VI	His (SP	His (SP	His (SP	His (SP)	—	—
2	9-20 10-10	BA VI	—	—	—	His X	His X	His X
3	10-10 11-00	BA I	His II	His II	His II			
4	11-00 11-50	BA II	—	—	—	His VI	His VI	His VI
5	12-40 1-30	BA II BA III	His-VI —	— —	— —	— —	— —	— His X
6	1-30 2-20	BA III BA I	— —	— His-II	— —	— —	— —	— —
7								
8								
9								
10								

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MONTH WISE TEACHING PLAN

Class T.Y.B.A. Paper (XVI) Project (प्रोजेक्ट)

Sr. No.	Month	Topics / Practicals to be Completed
	ऑक्टोबर 2018	माणुसा, जिल्हामधील महिलांचा दृष्टिकोन
	डिसेंबर 2018	कामगार: दृष्टिकोन, संग्रह ऐतिहासिक
	जानेवारी 2019	हैद्राबाद मुक्तसंग्राम ऐतिहासिक मंदिर
	फेब्रुवारी 2019	शिल्पकला, प्राचीन आणि पुरातत्वीय स्मारके
	मार्च 2019	ऐतिहासिक अवलोकन

Department of Economics (2018-

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MONTH WISE TEACHING PLAN

Class TYBA Paper (IX, XIII) International Economics & Research methodology

Sr. No.	Month	Topics / Practicals to be Completed
1)	June	International Economics
2)	July	Importance of Trade and Trade Theories
3)	August	Gains from Trade
4)	sept.	Tariffs and quotas
5)	oct	Balance of Payments
6)	Nov	Research methodology Introduction
7)	Dec	Research methodology Introduction
8)	Jan	Research Design
9)	feb.	Data collection
10)	march	Data presentation & Analysis
		Extra Lecture Economics

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MONTH WISE TEACHING PLAN

Class ..SYBA.. Paper (V, VII) ..Macro Economics & public Economi..

Sr. No.	Month	Topics / Practicals to be Completed
1)	June	macro Economics Introduction
2)	July	National Income
3)	August	Theory of money
4)	Sept	Employment and Income
5)	oct	Theory of Trade cycle
6)	Nov.	Introduction of public finance
7)	Dec	public Revenue
8)	Jan	public Revenue & public finance
9)	Feb -	public Debts
10)	March	Union Budget
11)	—	Extra Lectures Economics

MONTH WISE TEACHING PLAN

Class FYBA I Paper (I, III) Micro Economics & price Theory

Sr. No.	Month	Topics / Practicals to be Completed
1)	June FYBA	Sem-I – Introduction of micro Economics
2)	July -	The Law of Demand
3)	August	The Law of supply
4)	Sept.	Theory of consumer Behaviar
5)	oct	Analysis of market Equilibrium.
6)	Nov	Theory of price Introduction
7)	Dec.	Theory of production
8)	Jan	production cost and Analsis of Income
9)	Feb	Types of markets
10)	~~Distrubu~~ march	Distrubution of production Event
11)	-	Extra Lecture In Economics

Dr. A m. Korade **PERSONAL TIME TABLE - 2018-19 ECO**

Period No.	Time	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	10.10 / 11.00 Am SY	-	-	V, VII	V, VII	V, VII	V, VII
2	11.00 / 11.50 Am TY	IX, XIII	IX, XIII	IX, XIII	IX, XIII	-	-
3	11.50 / 12.40 pm. FY	-	-	-	-	I, III	I, III
4	12.40 / 1.30 pm. FY	-	-	I, III	I, III	-	-
5	1.30 / 2.20 pm TY	-	-	XI, XV	XI, XV	XI, XV	XI, XV
6	-	-	-	-	-	-	-
7							
8							
9							
10							

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MONTH WISE TEACHING PLAN

Class TYBA Paper (XI / XV) Labour Economics & Economics of maharashtra.

Sr. No.	Month	Topics / Practicals to be Completed
1)	June	Introduction of Labour Economics
2)	July	Labour market
3)	August	Employment
4)	Sept	Wage Distribution
5)	Oct	State and Labour
6)	Nov.	Economy of maharashtra
7)	Dec.	futures of Economy of maharashtra
8)	Jan	The problems of Agricultaral in maharashtra
9)	Feb	cooperative movement in maharashtra.
10)	march	Infrastructure and Industrial Dev. In maharashtra.

Department of Public Administration (2018-2019)

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MONTH WISE TEACHING PLAN

Class B.A.S.Y. Paper (V) ....કર્મચારી...પ્રશાસન.....

Sr. No.	Month	Topics / Practicals to be Completed
1.	જુન	કર્મચારી પ્રશાસન
2.	જુલે	ભારતીય નાગરી સેવા, પ્રશિક્ષણ.
3.	ઓગસ્ટ	પ્રશિક્ષણ સંસ્થા, ભરતી. ભારતીય વહીવટ નિયંત્રણ પંચાયત.
4.	સપ્ટેંબર	કર્મચારી પ્રશાસનની સમસ્યા, પ્રશાસકિય સમાધાનકુટ
5.	ઓક્ટોબર	સેવાનિવૃત્તી.
class	B.A.S.Y.	Paper (VIII) વિત્તીય પ્રશાસન
1.	નોવેંબર	વિત્તીય પ્રશાસન
2.	ડિસેંબર	વિત્ત મંત્રાલય, અંદાજપત્રક
3.	જાનેવારી	અંદાજપત્રક, લેખા a લેખાપરિક્ષણ.
4.	ફેબ્રુવારી	સંસદિય નિયંત્રણ.
5.	માર્ચ.	નાણિય આયોજન સોચ.

MONTH WISE TEACHING PLAN

Class B.A.F.Y. Paper (I) લોકપ્રશાસનનો ખ્યાલ અને સંકલ્પના

Sr. No.	Month	Topics / Practicals to be Completed
1.	જુલૈ	લોકપ્રશાસન
2.	ઑગસ્ટ	સંકલ્પના
3.	સપ્ટેમ્બર	સંકલ્પનોની તુલના, લોકપ્રશાસનની સંકલ્પના.
4.	ઑક્ટોબર	લોકપ્રશાસનની સંકલ્પના.
Class	B.A.F.Y.	Paper (III) મહારાષ્ટ્ર પ્રશાસન
1.	નોવેમ્બર	મહારાષ્ટ્ર રાજ્ય
2.	ડિસેમ્બર	રાજ્ય કાર્યકારિણી
3.	જાનેવારી	રાજ્યના કાયદેમંડળ, રાજ્યની ન્યાયપાલિકા
4.	ફેબ્રુવારી	સંવિધાનિક અને વૈધાનિક સંસ્થા.
5.	માર્ચ.	વૈધાનિક સંસ્થા.

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MONTH WISE TEACHING PLAN

Class B.A.F.Y. Paper (II) ભારતીય લોકપ્રશાસન

Sr. No.	Month	Topics / Practicals to be Completed
1.	જુલૈ	ભારતીય પ્રશાસનની રૂપરેખા.
2.	ઑગસ્ટ	સંવિધાનાત્મક આધાર. કેંદ્રશાસન
3.	સપ્ટેમ્બર	કેંદ્રીય કાર્યપાલિકા, વૈધાનિક અને ન્યાયપાલિકા સંબંધ.
4.	ઑક્ટોબર	મધ્યવર્તી અધિકાર 2004.
Class	B.A.F.Y.	Paper (IV) જિલ્લા પ્રશાસન
1.	નોવેમ્બર	જિલ્લા પ્રશાસન
2.	ડિસેમ્બર	જિલ્લાધિકારી, કાર્યો અને મુખ્યપદ.
3.	જાનેવારી	જિલ્લા પ્રશાસનમાં પ્રમુખ દાયરા
4.	ફેબ્રુવારી	જિલ્લા પોલિસ પ્રશાસન
5.	માર્ચ.	જિલ્લા પોલિસ પ્રશાસન.

Dr. Magar S. R. **PERSONAL TIME TABLE** 2018 - 2019. Pub. Adm

Period No.	Time	Class	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	10.10 – 11.00	B. A. II	V	V	V	V	-	-
2	11.00 – 11.50	B. A. III	IX	IX	IX	IX	X	X
3	11.50 – 12.40	B. A. I	I	I	I	I	II	II
4	12.40 – 1.30	B. A. III	X	X				
5	12.40 – 1.30	B. A. I			II	II		
6								
7								
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9								
10								

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class B.A.T.Y. Paper (IX) માનવી સંસાધનનો વિકાસ

Sr. No.	Month	Topics / Practicals to be Completed
1.	જુન	માનવી સંસાધનનો વિકાસ
2.	જુલે	માનવ સંસાધન વિકાસનાલિક સંબંધી ભૂમિકા.
3.	ઓગસ્ટ	માનવ સંસાધન વિકાસની સાધને
4.	સપ્ટેંબર	માનવી સંસાધન વ્યવસ્થાપન
5.	ઓક્ટોબર	માનવી સંસાધન નિયોજન
Class	B.A.T.Y.	Paper (XXIII) સાર્વજનિક હોદ્દા માટે વિકાસ
1.	નોવ્હેંબર	સાર્વજનિક હોદ્દા
2.	ડિસેંબર	સાર્વજનિક હોદ્દા નિયુક્તિ, સાર્વજનિક હોદ્દાની કામગીરીનું મૂલ્યાંકન
3.	જાનેવારી	આધુનિક સાર્વજનિક હોદ્દા.
4.	ફેબ્રુઆરી	વિકાસ: અર્થ અને સંકુચિત વિકાસનાલિક અભિગમ
5.	માર્ચ.	વિકાસનાલિક આહ્વાને

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class B.A.T.Y. Paper (X) આધુનિક સૈદ્ધાંતિક પ્રવાહો

Sr. No.	Month	Topics / Practicals to be Completed
1.	જુન	વિકાસનો અર્થ, ઉદ્દેશ અને મહત્વ
2.	જુલે	વિકાસની ઐતિહાસિક પાર્શ્વભૂમિ
3.	ઓગસ્ટ	૩જા વિશ્વ દેશો સંબંધ, ૩જા વિશ્વનાલિક સુવિધાનું નિર્માણ સંબંધ.
4.	સપ્ટેંબર	આધુનિક ૩જા વિશ્વનાલિક આહ્વાને
5.	ઓક્ટોબર	ગ્લોબલિઝેશન અને ૩જા વિશ્વ: પ્રભાવ અને પરિણામ
Class	B.A.T.Y.	Paper (XXIV) આધુનિક આયોજન પ્રવાહો
1.	નોવ્હેંબર	આધુનિક આયોજન વ્યવસ્થા.
2.	ડિસેંબર	આયોજન અને કુટુંબ કલ્યાણ સંબંધ.
3.	જાનેવારી	રાષ્ટ્રીય ગ્રામીણ આયોજન વિકાસ
4.	ફેબ્રુઆરી	આયોજન નિયંત્રણ
5.	માર્ચ.	આધુનિક આયોજન વ્યવસ્થાનાલિક આહ્વાને

Department of Sociology (2018-2019)

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class B.A.II Paper (V & VI) Problems of Rural India. Population in India.

Sr. No.	Month	Topics / Practicals to be Completed
1	જુન	સંરચનાત્મક પ્રકાર્ય
2	જુલૈ	સંરચનાત્મક પ્રકાર્ય.
3	ઑગસ્ટ	વિકૃતિ અને આરોગ્ય
4	સપ્ટેમ્બર	ગ્રામીણ અર્થવ્યવસ્થા
5	ઑક્ટોબર	ગ્રામીણ વિકાસમાં અડચણો.
6	નોવેંબર	મુક્ત લોકસંખ્યા - મુલ્યમુક્ત સંકલ્પના.
7	ડિસેંબર	લોકસંખ્યા - મુલ્યમુક્ત સંકલ્પના.
8	જાનેવારી	ગતિમાન માનવી લોકસંખ્યા.
9	ફેબ્રુવારી	લોકસંખ્યા સંક્રમણ. લોકસંખ્યા ક્ષોરણ
10	માર્ચ	લોકસંખ્યા ક્ષોરણ.

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class B.A.III Paper (IX & XIII) Sociological Traditions Sociological Thinkers.

Sr. No.	Month	Topics / Practicals to be Completed
1	જુન	સમાજશાસ્ત્રમાંના વિચારોનો વિકાસ.
2	જુલૈ	સમાજશાસ્ત્રમાંના વિચારોનો વિકાસ.
3	ઑગસ્ટ	આદર્શ વિચારવંત
4	સપ્ટેમ્બર	આદર્શવિચારવંત અભિજાત પરંપરા
5	ઑક્ટોબર	અભિજાત પરંપરા.
6	નોવેંબર	પ્રકાર્યવાદ.
7	ડિસેંબર	પ્રકાર્યવાદ.
8	જાનેવારી	સંઘર્ષ સિદ્ધાંત
9	ફેબ્રુવારી	સંઘર્ષ સિદ્ધાંત. પ્રતિકાત્મક અંતરક્રિયા
10	માર્ચ.	પ્રતિકાત્મક અંતરક્રિયા.

MONTH WISE TEACHING PLAN

Class B.A.I ..... Paper (I & III) Introduction to Sociology & Sociology

Sr. No.	Month	Topics / Practicals to be Completed
1	જુન	સમાજશાસ્ત્રનો પરિચય.
2	જુલૈ	સમાજશાસ્ત્રનો પરિચય
3	ઑગસ્ટ	મુળભૂત સંકલ્પના
4	સપ્ટેમ્બર	સમાજશાસ્ત્રની સમાનતા
5	ઑક્ટોબર	સમાજશાસ્ત્રની ઉપયુક્તતા.
6	નોવેંબર	સમાજશાસ્ત્ર અને સમાજ.
7	ડિસેંબર	સમાજશાસ્ત્ર અને સમાજ.
8	જાનેવારી	સમાજશાસ્ત્ર અને આંતરશિક્ષા.
9	ફેબ્રુવારી	સમાજશાસ્ત્ર અને સંસ્કૃતી
10	માર્ચ.	સમાજશાસ્ત્રનો ઉપયોગિત સ્વરૂપ.

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class B.A.I ..... Paper (II & IV) Individual and Society. Indian Social Composition

Sr. No.	Month	Topics / Practicals to be Completed
1	જુન	વ્યક્તી અને સમાજ
2	જુલૈ	વ્યક્તી અને સમાજ. સામાજિક સંરચના
3	ઑગસ્ટ	સામાજિક સંરચના સામાજિક સ્તરિકરણ.
4	સપ્ટેમ્બર	સામાજિક પરિવર્તન
5	ઑક્ટોબર	સામાજિક નિયંત્રણ.
6	નોવેંબર	ભારતિય સમાજની લક્ષણો.
7	ડિસેંબર	ભારતિય સમાજની લક્ષણો. ભારતિય લોકસંસ્કૃતિ.
8	જાનેવારી	ભારતિય લોકસંસ્કૃતિ લોકશાહી અને ધર્મનિરપેક્ષતા
9	ફેબ્રુવારિ	લોકશાહી અને ધર્મનિરપેક્ષતા ગ્રામીણ અને જોતજામિન રચના
10	માર્ચ.	ગ્રામીણ અને જોતજામિન રચના.

Dept. of. Sociology, **PERSONAL TIME TABLE** 2018-2019.

Period No.	Time	class.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	10.10 to 11.00	B.A II	Soci-V	Soci-V	Soci-V	Soci-V	~~Soci-VI~~	~~Soci-VI~~
2	11.00 to 11.50	B.A III	Soci-IX	Soci-IX	Soci-IX	Soci-IX	Soci-X	Soci-X
3	11.50 to 12.40	B.A.I	Soci-I	Soci-I	Soci-I	Soci-I	Soci-II	Soci-II
4	12.40 to 1.30	B.A.I			Soci-II	Soci-II		
		B.A III	Soci-X	Soci-X				
5	1.30 to 2.20.	B.A III			Soci-XII	Soci-XII	Soci-XII	Soci-XII
6								
7								
8								
9								
10								

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class B.A. III Paper (XIII & XIV) Introduction to Research Methodology Social Research methods.

Sr. No.	Month	Topics / Practicals to be Completed
1	જુન	મુલ્યમૂલ્ય સંકલ્પના
2	જુલાઈ	મુલ્યમૂલ્ય સંકલ્પના
3	ઓગસ્ટ	સંશોધન પ્રકાર
4	સપ્ટેમ્બર	સંશોધન પ્રકાર સંશોધન પ્રક્રિયા
5	ઓક્ટોબર	સંશોધન પ્રક્રિયા.
6	નોવેમ્બર	માહિતી સંકલનાચ્યા પદ્ધતી
7	ડિસેમ્બર	માહિતી સંકલનાચ્યા પદ્ધતી.
8	જાનેવારી	સંશોધનાચ્યા ઉપયોગ આણિ સોચિકી.
9	ફેબ્રુવારી	સંશોધનાચ્યા ઉપયોગ આણિ સોચિકી. સામાજિક સંશોધનાચી ઉપયુક્તતા
10	માર્ચ.	સામાજિક સંશોધનાચી ઉપયુક્તતા.

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class B.A. III Paper (XII & XV) Project

Sr. No.	Month	Topics / Practicals to be Completed

Department of Political Science (2018-2019)

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class ..... Paper (Semi II) .....

Sr. No.	Month	Topics / Practicals to be Completed
	NOV.	1) Maulana Azad :-
		i) Views on Religion and Politics
	Dec	ii) Views on Hindu-Muslim Unity
		iii) Idea of Nationalism and 'synthesis Nantionalism'
		2) Jawaharlal Nehru :-
		i) Views on Nationalism, Democracy and Socialism
	Jan	ii) Ideas of Secularism
		iii Views on Internationalism
	Feb -	3) M. N. Roy
		i) Critique of Marxism
		ii) Radical Humanism or New Humanism
		iii) Radical Democracy
	March	4) Dr. Babasaheb Ambedkar
		i) Views on Religion and Society
		ii) Idea of Democracy
		iii) Economic Thought.

MONTH WISE TEACHING PLAN

Class B.A. T.Y. **Paper** (Sem I V) Indian Political Thinkers

Sr. No.	Month	Topics / Practicals to be Completed
.	June	1) Raja Ram Mohan Roy i) Architect of Indian Renaissance ii) Views on Religion iii) Social and Political ideas
	July	2) Gopal Krishna Gokhale i) Social & Liberal Idia, Nationalist thought 3) Dayanand Saraswati :- i) Religious and Social Thoughts ii) Political Thoughts
	Aug	4) Lokmanya Tilak i) Views on Nationalism ii) Polital Ideas - four point program iii) Views on social Reform
	sep	5) Mahatma Gandhi :- i) Views on Religion
	Octo	ii) Concept of Satya, Ahimsa, satyagraha iii) Concept of Ram Rajya

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class ..... Paper (Sem II) International Relations

Sr. No.	Month	Topics / Practicals to be Completed
	Nov Dec Jan Feb March	1) Collective Security and U.N i) Meaning and Nature of Collective security ii) UN and Collective security 2) Deterrence i) Meaning and Nature ii) Features and Types 3) Major Issues in Internalism i) Terrorism ii) Environmentalism 4) International and Regional Organizations i) IMF, World Bank and WTO SAARC, ASEAN 5) Non alignment Movement i) Meaning, Nature & Importance ii) Role of Non alignment iii) Relevance of Non-alignment

MONTH WISE TEACHING PLAN

Class S.Y.B.A. Paper (Sem III) ... International Relation

Sr. No.	Month	Topics / Practicals to be Completed
	June	1) International Relations i) Meaning ii) Nature
	July	iii) Scope and Significance 2) Approches to the Study of Internation Relations i) Idealist approch
	Aug	ii) Idealist approch iii) Behavioral approch 3) Indias Foreign Policy. i) principles
	sep	ii) objetives 4) National International power i) Meaning
	oct	ii) Determinants 5) Balance of power i) Meaning
		ii) Techniques iii) Types and relevance

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class ~~B.A. F.Y.~~ Paper (X) Governmentand Politics of ~~Maharashtra~~

Sr. No.	Month	Topics / Practicals to be Completed
	Nov	Ideology and programme of politi i) All India National Congress, NCP. Pa
	Dec	ii) Shiv sena and Bhartiy Janta Party, RPI, Bharip Bahujan Mahasangha.
		iii) Communist Parties (CPICM, CPI)
	Jan.	panchyati Raj i) Historical Background of panchyati Raj System with reference to Maharasht
	Feb	ii) composition and function Gram panchyat.
	March	iii) Panchyat Samiti
		iv) Zilla- Parishd. (ZP.)

MONTH WISE TEACHING PLAN

Class B.A.F.Y. Paper (Sem I) Sem I Government & politics of Maharashtra

Sr. No.	Month	Topics / Practicals to be Completed
	July	1) Historical and political Background of Maharashtra i) Samyukt Maharashtra Movement
	Aug	ii) State Reorganion commission 2) Organization of Government: i) Executive:- Governor and C.M. ii) Legislature: composition power and Functions
	Sep	iii) Judiciary; High court Structure and power
	Oct	3) Movements i) Cooperative Movement ii) Peasant Movement iii) Dalit Movement iv) Feminist Movement

Dept. Political Science **PERSONAL TIME TABLE** 2018- 2019

Period No.	Time	Class	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	8.30 to 9.20	B.A. T.Y.	Pol. S.P VIII & XVI	Pol. S.P VIII & XVI				
2	10.10 to 11.00	B.A. S.Y.				IV & XI	IV & XI	IV & XI
3	11.00 to 11.50	B.A. T.Y.	V & XIII	V & XIII	V & XIII			
4	11.50 to 12.40	B.A. F.Y.				II & X	II & X	II & X
5	12.40 1.30	B.A. I B.A. III	V & XIII		II & X			
6	1.30 pm 2.20	B.A. II B.A. III			VIII & XVI	IV & XI	VIII & XVI	
7								
8								
9								
10								

Asst. Prof. Gondkar T.D.

MONTH WISE TEACHING PLAN

Class BA II Paper (IX) Indian Government & Politics

Sr. No.	Month	Topics Practicals to be Completed
	Jun –	1) Indian Constitution:-
		1.1 Sources
		1.2 Preamble.
	July	1.3 Features.
		2) Constitutional Provisions:
		2.1 Fundamental Rights
		2.2 Directive principles of state policy
		3) Union Government
		3.1 President
	August	3.2 Parliament
		3.3 Prime minister
		4) Budgetary process and Parliamentry Committees
		4.1 Budgetary process
		4.2 Public Accounts committee
	September	4.3 Estimate Committee.
		5) Constitutional Institutions
		5.1 Attorney General
	October	5.2 Comptroller and Auditor General.

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class BA II Paper (XII) Indian Governments & Politics

Sr. No.	Month	Topics / Practicals to be Completed
	November	1) Supreme Court
		1.1 Structure, Power and Functions
		1.2 Powers of Judicial Review
	December	2) Central State Relations
		2.1 Legislative
		2.2 Administrative
		2.3 Finacial
	January	3) Ideology and Program of Political parties in India.
		3.1. All India National Congress
		3.2 Bhartiya Janta Party.
		3.3 Communist Parties.
		3.4 Features of Party system in India
	February	4) Election Commission and electoral reforms.
		4.1 Composition, Power, Functions real and Importance.
	March.	4.2. Electoral reforms in India.

MONTH WISE TEACHING PLAN

Class B.A.I Paper (I-IX) Basic Concepts of Political Science

Sr. No.	Month	Topics / Practicals to be Completed
	July	1) State 1·1) Meaning and Nature 1·2) Elements of state 1·3) Theories of origin of state:- Divien theory, social-Contract theory, Evolutionary theory
	August	2) Government:- 2·1) Meaning and Definition 2·2) Organs of Government:- Legislature, Executive and Judiciary 2·3) Types of Government:- unitary, federal, parliamentary, Presidential
	September	3) Sovereignty:- 3·1) Meaning, Definition & Types. 3·2) Austins Theory of Soverignty 3·3) Pluralistic Theory of sovereignty
	October-November	4) Citizenship & Rights:- 4·1) Citizenship, meaning, Types and methods of acquisition 4·2) meaning, Definition and Types of Rights and Duties.

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MONTH WISE TEACHING PLAN

Class B.A.I Paper (I-IX) Basic Concepts of pelitical Science

Sr. No.	Month	Topics / Practicals to be Completed
	December	1) Liberty, Equality, Justice. 1·1) Meaning and Definition 1·2) Types of Liberty and Equality
	January	2) Rights:- 2·1) Meaning and Nature 2·2) Types of Rights.
	February	3) Democracy:- 3·1) meaning and Features. 3·2) Direct and Indirect-Democracy 3·3) Merits and Demerits of Democracy.
	March	4) Welfare State:- 4·1) Meaning and Features. 4·2) Functions of welfare-state.

MONTH WISE TEACHING PLAN

Class BA III Paper (VI) Western Political Thinkers

Sr. No.	Month	Topics / Practicals to be Completed
	Jun – July	1) Plato :- Views on, Justice, Communism, Education, Ideal state.
	August	2) Aristotle :- Views on, state, Citizenship, Revolution 3) Niccolo Machiavelli :- Human Nature, Advice to Prince, Views on Religion and morality. 4) Thomas Hobbes :- Human Nature, social-Contract Theory and concept of sovereignty.
	September	5) John Locks Human Nature, social-Contract Theory. Idea of Rights
	October	

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MONTH WISE TEACHING PLAN

Class BA III Paper (XIV) Western Political Thinkers

Sr. No.	Month	Topics / Practicals to be Completed
	November	1) Jean Jacques Rousseau 1.1 Human Nature 1.2 social Contract Theory 1.3 Idea of General Will
	December	2) John Stuart Mill 2.1 Utilitarianism 2.2 Idea of Liberty 2.3 Representative Government
	January	3) Jeremy Bentham 3.1 views on state, Government and Rights 3.2 Ideas on Law and Reform and Punishment 3.3 Theory of Utilitarianism
	February	4) Karl Marx 4.1 Dialectical Materialism & Materialistic Interpretation of History 4.2 Theory of class struggle & surplus value. 4.5 Views on state and Revolution
	March	5) Harold Laski 5.1 Pluralistic Theory of sovereignty. 5.2 Views on Liberty.

Department of Physical Education (2018-2019)

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MONTH WISE TEACHING PLAN

Class BA IInd Paper (II) Health & Recreation in phy ed

Sr. No.	Month	Topics / Practicals to be Completed
①	June -	unit - I Health Education
		ⓐ Concept & objectives of Health Education
	July	ⓑ Importance of Health Educatn
		ⓒ principles of Health Education
	Aug.	unit - II Contemporary Health prob
		ⓐ Abuse of Alchol & its effects on Individual, family & Community
		ⓑ Eating Habits & its effect on Health
	Sept -	ⓒ Harm Effect of drugs & tobacco on sports person
		unit - III family & Health Educatn
		ⓐ meaning functions & importance of family as a social institution
	oct —	ⓑ Role of parents in child Health care
		ⓒ Health care during Disaster
	Nov.	unit - IV . Recreation in phy Edn and sports
		ⓐ meaning. need & scope of Recreation
		ⓑ principle of Recreation

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MONTH WISE TEACHING PLAN

Class ..... Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed
	Dec -	ⓒ Types of Recreation
		unit - V planing & programme of Recreation
		ⓐ urban Recreative programme
	Jan -	ⓑ Rural Recreation programme
		ⓒ Industrial Recreative programme
	feb .	unit - VI - Agencies promoting Recreation.
		ⓐ facilities of Recreation
		ⓑ organization of Recreation
		ⓒ
	march	Leadership in Recreation

MONTH WISE TEACHING PLAN

Class B.A. III rd Paper (B) .....

Sr. No.	Month	Topics / Practicals to be Completed
	June	A Extra moral program me & need importance
	July -	selection and coaching of team c) Emotional Development of the students
	Aug -	supervision in physical Education - meaning perpose & scope of supervision
	Sept.	objective and Featur qualities of super visior UNIT II - youth welfare & youth Services

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MONTH WISE TEACHING PLAN

lass ..... Paper ( ) .....

r. No.	Month	Topics / Practicals to be Completed
	oct.	Concept of youth welfare & youth Services - youth organization in india social Services
	Nov	social - Services
	Dec	- meaning, purpose & scope of Supervision
	Jane	- methods of Grouping and fixture
	feb	objective of intermoral programms
	march .	social Services

MONTH WISE TEACHING PLAN

Class ..... Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed
	May- Dec.	modern Olympic Games unit II Government Policy in physical education - Nature & education systems in modern India
	Jan.	Education & physical education policies in India - central Advisiory Board of physical Education
	feb.	Schme & awards Related to - physical & Sports - Arjuna Awards - dronacharya awards - Rajiv Gandhi khel Ratna Awards

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MONTH WISE TEACHING PLAN

Class ..... Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed
	march.	institution of physical education in India 1) Y.M.C.A college of physical - education & method 2) L.N.I.P.E. Gwalior & N.S.N.I.S patiala 3) H.V.P.M Amravati

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MONTH WISE TEACHING PLAN

Class B.A IIIrd Paper ( ) Ancient & modern History of physical Edu & Sports

Sr. No.	Month	Topics / Practicals to be Completed
1	June	Introduction of physical Education 1) vedic period 2) epic period 3) Buddhist period
2)	July	physical education in the state of sparta and Athens A) physical education in anicient Rome B) physical Education & moral Education C) physical education in anicient in mughal period

MONTH WISE TEACHING PLAN

Class ..... Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed
	August	III physical education in india after Independence A) physical education in British period B) Ancient olympic games Historical Back Ground C) modern olympic Games
	Sept.	physical Education and moral education - physical - education in mughal period - physical - education in india After Independance
	Oct.	physical - education in british period Ancient olympic games Historical Background

Dr. Sayyad Javid S. **PERSONAL TIME TABLE** 2018-19 Physical Educ. Dept.

Period No.	Time	Class	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1		B.A I st	phy-ed^{n} pract	phy-ed^{n} pract	phy-ed^{n} pract.	phy-ed^{n} pract	phy-ed^{n} pract	phy-ed^{n} pract
2								
3		B.A III rd	phy-ed^{n} Thy	phy-ed^{n} Thy	phy-ed^{n} Thy	phy-ed^{n} Thy	phy-ed^{n} Thy	phy-ed^{n} Thy
4								
5		B.A II nd	phy-ed^{n} Thy	phy-ed^{n} Thy	phy-ed^{n} Thy	phy-ed^{n} Thy	phy-ed^{n} Thy	phy-ed^{n} Thy
6								
7		B.A III rd	phy-ed^{n} pract	phy-ed^{n} pract	phy-ed^{n} pract	phy-ed^{n} pract	phy-ed^{n} pract	phy-ed^{n} pract
8								
9								
10								

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MONTH WISE TEACHING PLAN

Class B.A 2nd Paper (V) officiating, coaching & Training

Sr. No.	Month	Topics / Practicals to be Completed
	June	unit - I officiation of Games and sports
		ⓐ meaning & Definition of officiating
	July	ⓑ Importance of officiating in physical Ed ⁿ & Sports
		ⓒ Qualities of Good officials
	Aug -	ⓓ Duties & Responsibilities of officials
		ⓔ Rules & marking system of Indian Foreign Games
	Sept -	unit - II Coaching of Games & Sports
		ⓐ - meaning & Definition of Coaching
		ⓑ Importance of coaching in Games and sports
	oct.	ⓒ qualities of God coach
		ⓓ Duties & Responsibilities of couches
	Nov -	unit - III origine & Development of Games & sports
		ⓐ fundamental & Advanced Skills of Indian Games
		i) Kabaddi ii) Kho - Kho
		iii) Wrestling iv) Ball - Badmin - tion

MONTH WISE TEACHING PLAN

Paper ( )

Month	Topics / Practicals to be Completed
Dec -	ⓑ fundamental & Advaced skills of foreign Games
	i) Volley ball ii) Sott Ball
	iii) Badminton iv) Table Tennis
Jane -	unit - IV Traning methods in Game and Sports
	i) Need of Sports Training
	b) principle of sports Training
	c) factori affecting the sports Traning
Feb -	ⓐ procedure & planing of Speliric traing
	Unit V - Types of Beginning methed in Games & sports
	ⓐ weight Trainning
	ⓑ circuit Trainning
	ⓒ
march -	ⓓ Fartek Trainning
	ⓔ Interval Trainning

MONTH WISE TEACHING PLAN

Class S.Y.B.A. Paper (S.Y.BPh) 203 Physical Education

Sr. No.	Month	Topics / Practicals to be Completed
	June	Track & field Events (Practical) Different wise Performances a) 200 meters Running Race for women (Remarks)
	July	Triple Jump (Women) (Com
	Aug	(i) Introduction (ii) Safety (iii) Techniques (iv) Teaching Steps
	Sept	Teaching Steps:- Approach Run (ii) Take off (iii) Flight in the Air (iv) Body Action (v) Landing
	Oct	Discuss Throw (i) Introduction (ii) Safety Suggestion (iii) Techniques
	Nov	Throw Events (i) Standing throw
		Rotational Throw Teaching Steps for Shot (i) Holding the Discus (ii) Stance (iii) Action (iv) Delivery (v) Other Games (Any one other throwing Games (Remarks) (i) Volley ball (ii) Ball badminton (iii) Cricket in table Tennis

MONTH WISE TEACHING PLAN

Class ..... Paper ( )

Sr. No.	Month	Topics / Practicals to be Completed
	Jan	a) History of the Game b) Rules & Regulations of the Game c) Different Running methods Running Skills Indian Athletic Game 1) Tracks of the Game Athletics (ii) definition a) Ground marking Systems
	Feb	Preparation of Research papers its Submission & Completion of any other Games & Athletics Event (10 marks) (i) Running Event Landing (ii) Jumping Event (Spring) Jump) (iii) Throwing Events (Discuss Approach)

MONTH WISE TEACHING PLAN

Class ..... Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed
	Sep	Unit IV Natural Phy edu Systems a) Ancient Indian medium India
	Oct	Phy Edu in Ancient civilization with reference to (i) India (ii) Greece
	Nov	(iii) Rome (iv) Egypt Development of Phy Edu
	Dec	with special reference (i) U.S.A (ii) U.K (iii) Germany
	Jan.	Phy Edu Indian during Early Century meaning definition / Aims of Objectives of Phy Edu.
	Feb	(i) All India Council of Sports (AICS) (ii) National Sukumar Nadkarni Institute of Sports (NSNIS) (iii) National Netaji Institute of Phy Edu (LNIPE)

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MONTH WISE TEACHING PLAN

Class ..... Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed
		Sports Authority of India SAI's Unit II History / development of Ancient Olympic Games / modern Olympic Games a) Philosophy of olympism / the international olympic movement in India b) Current trends in Phy edu (i) Roles of Federation Association (ii) Council coaching Centers (iii) Policies of central / State Governments for Phy Edu & Sports. c) Movement of Akhanda Vyam Shala / in curriculum

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MONTH WISE TEACHING PLAN

Class ..... Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed
	MAR	Central Advisory Board of Phy Edu Recreation.

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MONTH WISE TEACHING PLAN

Class F.Y.B.A. Paper (1) Philosophical Sociological Foundation History of Phy edu

Sr. No.	Month	Topics / Practicals to be Completed
	June	Unit-I Philosophical foundation a) meaning / definination of Philosophy Phy Edu. b) Components of Philosophy in Application in child of Phy Edu c) Traditional / modern Philosophy Progressivism, Idealism, Implication in the Programme in Phy Edu d Philosophy of Edu applied to Physical Edu (I) Idealism (II) Naturalism (III) Realism (IV) Humanism
	July	Unit-II Socio Logical Foundation a) Sociological Basis of Phy Edu b) Social Environment influence of individual personality c) Socialization of Sports. d) Social Nature of Social Recognition
	Aug	Unit III: Integration of Phy Edu with other faculties a) Integration of Phy Edu with Physiology b) Integration in Phy Edu with Psychology. c) Integration of Phy Edu in Sociology.

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MONTH WISE TEACHING PLAN

Class F.Y. B.A Paper (102) Principle of recent development of Phy Edu

Sr. No.	Month	Topics / Practicals to be Completed
	June	Unit I Principle of Phy edu a) Biological Principle of Phy Edu b) Sex Differences c) Principle of exercise d) body typed
	July	Unit II Socio logical a) Principles of Phy edu a) Social value & Development of Aruins Social values / Development of Aruins b) Social welfare c) Phy edu as Sociological Aspect
	Aug	Unit III Classification of Children Phy chological Background classifikation a) biological characteristics of children c) physiological & Sociological Characteristics of Children.

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MONTH WISE TEACHING PLAN

Class ..... Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed
	Sep)	Unit IV Recent Development of Physical Education a) Status of Physical education / Sports in educational Institutions b) Phy Edu Pre Primary / Primary School level. c) Phy edu at Secondary / Higher Secondary School levels.
	Oct	b) Phy education at secondary / Higher secondary School level d) Phy edu at University / Professional level
	Nov	Unit-V Sport / Game Organisation in India a) District level organization b) State level organization
	Dec	c) National level organization d) International level organization.
	Jan	Unit VI:- Role of Physical Education a) International Olympic Association
	Feb)	Sport Activity of Indian

Department of Chemistry (2018-2019)

mt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

ss S.Y.B.Sc. Paper (XI) Physical Chemistry - II

No.	Month	Topics / Practicals to be Completed
	JANUARY -	Partially Miscible Liquids: Phenol-Water, Trimethyl Amine-Water, Nicotine-Water System, Lower and Upper Consulate Trimethylamine-Water Nicotine-Water sysm. Effect of Impurity on Consulate Temperature. Electrochemistry-I Electrical Transport; Conduc. in metals and in electrolyte solutions. Specific Conductance Equivalent Conductance its measurement, its variation with dilution. Numericals. Kohlrausch's law & its applications. Arrhenius Theory of Electrolyte Dissocia. & its limitations. Weak and Strong Electrolytes, Ostwald's Dilution Law, its use and limitations. t_n, Moving Boundary Method, Conductometric Titrations.

MONTH WISE TEACHING PLAN

Class S.Y.B.Sc. Paper (XI) Physical Chemistry II

Sr. No.	Month	Topics / Practicals to be Completed
	NOVEMBER	⊙ PHASE EQUILIBRIUM: Phase, Component, Degree of Freedom. Derivation of Phase Rule equation. Phase Equilibria of One Component System: Water System.
	DECEMBER	⊙ Phase Equibria of two Component system Solid - Liquid Equilibria, Simple Eutectic Pb-Ag System, Desilverisation of Lead. Solid Solutions: Compound Formation with congruent melting point (Mg-Zn) and Incongruent melting point ($FeCl_3$-H_2O) System. Freezing Mixture, Acetone-Dry Ice Raoult's Law, Henry's Law - Ideal and Non-Ideal System. Azeotropes: HCl-H_2O Ethanol-water System.

MONTH WISE TEACHING PLAN

...S.Y.B.Sc Paper (V III) ..... Physical Chemistry

No.	Month	Topics / Practicals to be Completed
	SEPT.	Concept of Entropy: Defn- Physical Significance, Entropy as a State function, in physical change, as a Criteria of Spontaneity. Gibbs Helmholtz equation Gibbs function G, Helmholtz function A. ΔG as criteria for Thermodynamic Equilibrium ⊙CHEMICAL EQUILIBRIUM: Equilibrium constant & Free energy. Thermodynamic Derivation of Mass Action, Le Chatelier's Principle, Reaction Isotherm & Reaction Isochore. Clausius - Clapeyron Equation and its application.

MONTH WISE TEACHING PLAN

Class S.Y.B.Sc. Paper (VIII) Physical Chemistry :

Sr. No.	Month	Topics / Practicals to be Completed
	JUNE JULY- ~~AUG~~	⊙ Thermodynamics (I) Terminologies, Thermodynamic properties. Processes. Concept of heat and work. Work done in reversible & irreversible process. Concept of W_{max} - Numerical Problems - First Law of T.D U & H concepts - Heat capacity C_v & C_p and their relationship Calculation of W, q, dU and dH for the expansion of ideal gases under const. T isothermal and adiabatic conditions for reversible process. Numerical problems. Hess's Law of heat Summation its applicat.
	AUG	⊙ THERMODYNAMICS (II) Second Law, Carnot Cycle and its efficiency, Problems Carnot Theorem

MONTH WISE TEACHING PLAN

...ass ... Sem 4 ... Paper (IV) ... Physical Chem.

No.	Month	Topics / Practicals to be Completed
	March :	between solids & liquids & gases Liquid Crystals : Classification, Structure of nematic and cholestric phases. Solid State : Types, Laws of Crystallography, Derivation of Bragg equation. Colloidal State : Defn of Colloids, Classification Solids in liquids, Sols, Emulsions Gels - Classification, preparation & properties. Applications of colloids.

MONTH WISE TEACHING PLAN

Class Sem II ..... **Paper (** IV **)** ..... Physical Chem.....

Sr. No.	Month	Topics / Practicals to be Completed
	January	Kinetic Gas Eqn. Gas laws: Boyles law, Charles law, Grahms Law, Avagadrots Hypothesis Deviatn from ideal behaviour, Van Der Waals Eqn of State- PV isotherms of real gases- ① Chemical Kinetics & Catalysis: Chemical Kinetics and its scope, rate of reacn, factors influencing rate, Concn, T, P, Solvent, light, Catalyst concn dependence of rates- Derivation of rate law and characteristics of simple chemical reactions - zero order, first order, second order reactions, Pseudo order half life. Effect of T on rate of reacn Arrhenius eqn; Concept of activation energy - Catalysis
	February	② Liquid State: Intermolecular force, structure, Difference

MONTH WISE TEACHING PLAN

...ass ...I st..... Paper (IV) ..... Sem - II .....

No.	Month	Topics / Practicals to be Completed
		⊙ Arenes and Aromaticity. Nomenclature of Benzene derivatives. The aryl group. Aromatic nucleus & side chain Structure of C_6H_6. Molecular formula Kekule Structure, Resonance Structure, MO Picture. Aromatic Electrophilic Substitution - Friedel Crafts Reaction -
	October :	Alkyl & Aryl halides : Polyhalogen Compounds : $CHCl_3$, CCl_4, Methods of Aryl halides, nuclear & side chain reaction.
	December	⊙ Mathmatical Concepts : Logarithmic relations, curve sketching, linear graphs, Calculation of slopes, differentiation of funcns like K^x, e^x, x^n, $\sin x$, $\log x$ maxima & minima, partial differentiation.
		⊙ Gaseous States :- Postulates of Kinetic Theory of Gases

MONTH WISE TEACHING PLAN

Class Sem. F..... Paper (II) .....

Sr. No.	Month	Topics / Practicals to be Completed
		configuration, Sequence rules D & L & R & S systems of nomenclature. ⊙ Geometric Isomerism - Determination of configuration of geometric isomers. E & Z system of nomenclature, geometric isomerism in oximes and alicyclic compounds. ⊙ Alkanes - Preparation, Properties and Chemical reactions of Alkanes. Nitration, Chlorination, Sulphonation, Catalytic Oxidation.
	September	⊙ Alkenes: Nomenclature, Preparation & properties of Alkenes, Saytzeff Rule, Hoffmann elimination, Stabilities of Alkenes. Markownikoff's Rule, Polymerisation of Alkenes.

2018-19

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MONTH WISE TEACHING PLAN

Class F.Y.B.Sc Paper (II) Organic Chemistry (SE)

No.	Month	Topics / Practicals to be Completed
	JULY	⊙ Structure and Bonding: Localised and delocalised chemical bond; Charge transfer complexes, Resonance, hyper-conjugation inductive effect, hydrogen bonding, conjugative effect, Steric effect. ⊙ Mechanism of Organic Reactions: Homolytic and Heterolytic bond breaking. Types of reagents electrophiles and nucleophiles. Types of orgic reactions. Energy Consider-ations. Reactive Interm-ediates – $Carbo C^+$, $Carbo A^-$ free radicals
	AUGUST	. Stereochemistry of Organic Compounds ⊙ Concept & Types of Isomerism ⊙ Optical Isomerism ⊙ Relative and absolute

Dr. S. R. Deshmukh Dept of Chem **PERSONAL TIME TABLE** 2018-19

Period No.	Time	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	9.20 to 10.10	(Org+Phy) B.Sc I	(Org+Phy) B.Sc I	(Org+Phy) B.Sc I		~~M.Sc. E~~	~~M.Sc. I~~
2	11.00 to 11.50				Phy+Phy B.Sc. II	Phy + Phy B.Sc II	Phy + Phy B.Sc II
3	1.30 to 4.00	S_4 -	S_1 -		S_2 -		S_3 -
4	2.30 to 5.00			S_6 -		S_7 -	
5							
6							
7	~~12.~~						
8	~~Practical 12.15 - 3.15~~						~~M.Sc. E~~
9	~~12.15 - 3.15~~	~~Pract B.Sc II~~	~~Pract B.Sc II~~				
10							

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MONTH WISE TEACHING PLAN

Class S.Y.B.Sc. Paper (P-IX) Practicals

Sr. No.	Month	Topics / Practicals to be Completed
	Feb -	Electrochemistry - II
	AUGUST	⊙ To determine CST of phenol-water system.
		⊙ To determine molecular mass of polymer from viscometer measurements.
		⊙ To determine H_n of NaOH & CH_3COOH
	SEPTEMBER	⊙ To determine H_n of NaOH & HCl
		⊙ To det. Solubility of benzoic acid at diff^t temp & determine H of dissolution process.
		⊙ To det. partition coefficient of benzene water sys^m using benzoic acid.
	JANAURY	⊙ To det. normality & strength of HCl using 0.1N NaOH conductometrically.
		⊙ To det. N&St of CH_3COOH using 0.1N NaOH conductometrically.
		⊙ To verify L-B law.
	FEBRUARY	⊙ To det. N & st. of HCl using NaOH soln pH-metrically.

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MONTH WISE TEACHING PLAN

Class F.Y.B.Sc. Paper (III) Lab Course I sem I

Sr. No.	Month	Topics / Practicals to be Completed
1	June	Sem I
2	July	Volumetric Analysis Preparation of 0.1 N NaOH solution and its standardization of given oxalic acid soln Preparation of 0.1N oxalic acid solution and its standardization by given HCl soln
3	August	Inorganic Qualitative Analysis ① $CaSO_4$ + NH_4Cl ② $BaCO_3$ + $Al_2(NO_3)_2$ ③ $ZnCO_3$ + KBr ④ $MnCO_3$ + $MgSO_4$ ⑤ $NiSO_4$ + $MgSO_4$
4	September	① Determination of equivalent weight of mg. ② To determine viscosity of given liquid. ③ To determine surface tension of given liquid. ④ To study the effect of strength on the hydrolysis of ester
5	October	⑤ To determine specific reaction rate of the hydrolysis methyl / ethyl acetate ⑥ Verification of Lambert Beer's law

MONTH WISE TEACHING PLAN

Class T.Y.B.Sc. Paper (XVIII) Organic Chemistry Lab - Course VI

Sr. No.	Month	Topics / Practicals to be Completed
6	November	Organic Estimation ① Estimation of Carbonyl group by hydrazone formation method. ② Estimation of vitamin C in commercial soft drink / Glucon D.
7	December	③ Estimation of Ascorbic Acid ④ Estimation of Saponification value of oil. Organic Prep^{n} and its purity by TLC ① Preparation of Hydrazobenzene from Azobenzene
8	January	② Preparation of Phthalic anhydride from phthalic acid. ③ Preparation of 2,4-dinitro-phenyl hydrazone of Acetone ④ To prepare picrate of Naphthalene.
9	February	⑤ To Prepare picrate of Anthracene. ⑥ Preparation of p-bromo acetanilide from acetanilide.

MONTH WISE TEACHING PLAN

Class T.Y.B.Sc. Paper (XV) Organic chemistry Lab course-V

Sr. No.	Month	Topics / Practicals to be Completed
1	June	Separation and Identification of both compounds.
2	July	Benzoic Acid + B-naphthol Salicylic Acid + P-nitro aniline Bnaphthol + Acetanilide
3	August	m-nitroaniline + Naphthalene 2-naphthol + O-nitro aniline cinnamic Acid + Naphthalene
4	September	Salicylic Acid + Naphthalene B-naphthol + m dinitrobenzene Cinnamic Acid + P-nitro aniline
5	October	Salicylic Acid + B-naphthol.

MONTH WISE TEACHING PLAN

Class T.Y.B.Sc. Paper (XVI) In organic chemistry

Sr. No.	Month	Topics / Practicals to be Completed
9	February	Chromatography Definations and classifications of chromatography, Paper and Thin layer chromatography Method of Development (Ascending, Descending chromatography) Locating Technique (u.v. light / Chemical) Rf value, comparison between paper & TLC, applications

MONTH WISE TEACHING PLAN

Class T-7BSc. Paper (XVI) Inorganic chemistry

Sr. No.	Month	Topics / Practicals to be Completed
8	January	Organometallic Compounds. Defn. Nomenclature and classification of Organometallic Compounds. preparation, Properties; Bonding and. Applications of alkyls and aryls of – Li, Al, Hg, Sn, and Ti. A Brief account of metal-ethylenic complexes. Nature of bonding in metal carbonyls Bioinorganic chemistry Essential and trace elements in biological processes. Metalloporphyrins with special reference to hemoglobin and myoglobin. Biological role of alkali (Na^+, K^+) and alkaline earth metal ions (Mg^{2+}, Ca^{2+}) Nitrogen fixation.

MONTH WISE TEACHING PLAN

Class T.Y.B.Sc. Paper (XVI) Inorganic chemistry

Sr. No.	Month	Topics / Practicals to be Completed
6	November	Metal-Ligand bonding in Transition Metal complexes. Limitation of Valance Bond Theory. An Elementary idea of Crystal Field theory. Crystal Field Splitting in Octa-hedral, Tetrahedral and Squar plannar complexes.
7	December	factor affecting Crystal Field Parameters. Electronic Spectra of Transition Metal complexes. Types of electronic Transitions Selection rules for d-d transitions. Spectro chemical series. Orgel Energy level diagram for d^1, d^5, & d^9 Electronic spectrum of $[Ti(H_2O)_6]^{3+}$ complex ion.

MONTH WISE TEACHING PLAN

Class T.Y.B.Sc. Paper (XIII) Physical Chemistry

Sr. No.	Month	Topics / Practicals to be Completed
4	September	Physical properties and molecular Structure Optical activity and its measurement, dipole moment and its measurement by temperature change method magnetic property and its measurement by Guoy balance method. Application of optical activity, dipole moment and magnetic property for determination of structure of molecules. Nano materials Introduction to nano materials method of synthesis High energy ball milling, physical vapour deposition. Chemical vapour deposition. micro emulsion. Synthesis using
5	October	micro organism and plant extract.

MONTH WISE TEACHING PLAN

Class T.Y.B.Sc. **Paper (** XIII **)** Physical Chemistry

Sr. No.	Month	Topics / Practicals to be Completed
3	August	basic features of different spectrometer, statement of Born-Oppenheimer approximation Rotational spectrum – Diatomic molecules, energy levels of a rigid rotor, selection rule rotational spectra of rigid diatomic molecule, determination of bond length, numerical problems. Photo chemistry Introduction of radiation with matter, difference between thermal and photo chemical process Laws of photochemistry. Grothus – Drapper law. Stark – Ginstein law, Jablonsiki diagram qualitative description of flurescence, phosphorescence, non-radiative processes, Quantum yield photosensitized reactions.

MONTH WISE TEACHING PLAN

Class T.Y.:BSc... Paper (XIII) .....Physical Chemistry.....

Sr. No.	Month	Topics / Practicals to be Completed
1	June	Elementary Quantum Mechanics Black body radiation, Planck's radiation law, photoelectric effect. Bohr's modes of Hydrogen atom and its defects. compton effect. De Broglie Hypothesis, the Heisenberg's Uncertainty principles, Harmiltonian operator, Schodinger wave equation and its importance physical interpretation of the wave function, Postulates of quantum mechanics. Schrodinger wave equation for H. atom. separation into three equations quantum numbers and their importance.
2	July	Spectroscopy Introduction - Electromagnetic radiation, regions of the spectrum

Mr Jagadale S M.

PERSONAL TIME TABLE Dept^m Chemistry -2018-19

Period No.	Time	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	11.00 to 11.50	T.Y.B.Sc ~~XIII F XVI~~	T.Y.B.Sc ~~XIII + XVI~~	T.Y.B.Sc ~~XIII + XVI~~			
2	8.30 to 11.00	T_1		$T_3 + T_7$	T_4	T_2	
3	3.15 to 5.45		$T_5 + 6$				
4							
5	1.30 to 4.00						F2
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MONTH WISE TEACHING PLAN

Class F.Y.B.Sc. Paper (VI) Lab Course -II Sem-II

Sr. No.	Month	Topics / Practicals to be Completed
6	November	Organic Qualitative Analysis:- Nature / functional group Element / Derivative / Physical Constant. Benzoic Acid.
7	December	Salicylic Acid β-naphthol p-nitroaniline Naphthalene
8	January	Acetanilide Organic Estimation ① phenol by bromination ② Estimation of basicity Molecular weight of organic Acid. (Oxalic / Acetic Acid)

MONTH WISE TEACHING PLAN

Class ..... Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed
		Chap-IV : chemistry of actinides : occurance Position in the periodic table, electronic configuration, oxidation states, ionic radii, lanthanide contraction, chemistry of separation of Np, Pu and Am from U.
4.	Feb. 2019.	F.Y.B.Sc. (Th.) P VI : (c) Hydrogen Bonding – Vander Waals forces, metallic bond and its free electron concept. Chap. II : Nuclear chemistry – Def.n, atomic number, mass number, isotopes, isobars, mass defect and binding energy, Packing fraction, N/Z ratio, radius, activity, properties of α, β & γ, artificial transmutations, applications in s.t. trans-uranic elements, carbon dating.
		Chap. IV : Theory of volumetric analysis : – Types of titrations, volumetric apparatus, calibration of pipette and burette, indicators used in pH titration, oxidising agents used in titrations, theory of internal, external and self indicators for redox titration.
		S.Y. B Sc. (Th.) Chap. V : Acids and Bases : – Arrhenius, Bronsted-Lowry, the Lux-Flood, solvent system and Lewis concept of acids and Bases.

MONTH WISE TEACHING PLAN

Class ..... Paper ( ) .....

r. No.	Month	Topics / Practicals to be Completed
		S.Y.B.Sc. : (Th.). Ionic size, atomic size, metallic Properties, variation potential, magnetic properties. Oxidation state.
		S.Y.B.Sc. (Pract.): (2) Benzoyl Derivative of : β-napthol. (3) Bromo Derivative of - Phenol. (4) organic estimation - estimation of ester by hydrolysis. (5) estimation of amides by hydrolysis.
3.	Jan. 2019	F.Y.B.Sc. (Th) P.VI Bond strength and bond energy, percentage ionic character from dipole moment and electronegativity difference (B) ionic Bonds - Definations, Factors affecting ionic bond formation
		S.Y.B.Sc. (Th.) Chap. II : Co-ordination compounds: Werner's co-ordination theory and its experimental verification effective atomic number concept. Chelates nomenclature of co-ordination compounds isomerism in co-ordination compounds valence bond theory of transition metal complexes
		Chap. III : Chemistry of Lanthanide Elements: occurence and isolation of Lanthanides, Electronic configuration oxidation states, ~~Chemistry of Separation of Np Pu and Am from U~~ Ionic Radii Lanthanide contraction and its consequences.

MONTH WISE TEACHING PLAN

Class ~~F·Y·B·Sc·~~ ~~S·Y·B·Sc·~~ Paper (VI / X) Inorganic Chemistry

Sr. No.	Month	Topics / Practicals to be Completed
		of amines with Nitrous acid.
		Sem II & Sem IV
1.	NOV. 2018:	F.Y.B.Sc.: P-VI Inorganic chemistry
		chap-1: chemistry of Nobel gases: chemical properties of the nobel gases, chemistry of xenon compounds.
	Sem: IV	S.Y.B.Sc.(II): Inorganic chemistry.
		chap-1 chemistry of elements of First Transition series.- General characteristics features of d-block elements, Properties of the elements of the first transition series.
		S.Y.B.Sc.(Pract.):
		P.XII: -section B: Organic chemistry. organic derivatives:- 17 Acetyl Derivative - (a) Aniline.
2.	Dec. 2018:	F.Y.B.Sc.(P.VI):
		chap-II: Chemical Bonding: (A) covalent Bond: Valence theory and its limitations, directional characteristics of covalent bond, various types of hybridisations and shapes of simple inorganic molecules and ions, VSEPR-theory of NH_3, SF_4, ClF_3, ICl_2 and H_2O. MO theory homonuclear (He_2, N_2 & O_2) and heteronuclear (CO & NO) diatomic molecules.

MONTH WISE TEACHING PLAN

Class ..... Paper ( ) .....

r. No.	Month	Topics / Practicals to be Completed
		acid chlorides, ester and amide reduction - rosenmund-zelinsky reaction. Reduction using $LiAlH_4$, Mechanism of decarboxylation, hydroxy acids - malic, tartaric and citric acid, methods of formation and chemical reactions of acrylic acid.
		*S.Y.B.Sc. (Pract.): ⑤ estimation of Al as Aluminium oxide, ⑥ complexometric titration: - estimation of Zn by EDTA solution using EBT indicator. ⑦ estimation of Nickel by EDTA using murexoxide indicator.
	5. Oct. 2019.	F.Y.B.Sc. (Th.): chap. (IV): P-block elements: comparative study (excluding diagonal relationship) of groups 13-17 elements compound like hydrides, oxides of groups 13-16, Interhalogen compounds and its types.
		*S.Y.B.Sc. (Th.): chap (V): Organic compounds of N_2: Preparation of nitroalkanes, nitration of Benzene and their Reduction in acidic, neutral and basic media, amines - basicity of amines, amine salt as PTC Preparation of alkyl and aryl amines (reduction of nitro compounds nitriles) Reductive amination Hofmann - Bromide reaction. Reaction of amines - electrophilic aromatic substitution in aryl amines. Reaction

MONTH WISE TEACHING PLAN

Class ..... Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed
		nucleophilic additions to carbonyl group with particular emphasis on Benzoin, Aldol, Knoevenagel condensation, Mannich Reactions, Use of acetals as protecting group. Oxidation of aldehydes using chromium trioxide, Bayer-Villeger oxidation of ketones.
		* S.Y.B.Sc. (Practicals): Pa. No. IX: a) Estimation of Ni as Ni-DMG. b) Estimation of Ba gravimetrically as $BaCrO_4$
4.	Sep. 2018	F.Y.B.Sc.: Chap: III: S-block elements: comparative study, diagonal relationship, salient feature of hydrides, solvation and complexation, bonding tendencies including Theirs function in biosystems. Chap: IV P-Block Elements: comparative study of group 13-17 elements, compounds like hydrides, oxides of group 13-16 S.Y.B.Sc.: (Th): Chap. IV: carboxylic acids: - acidity of carboxylic acids, effect of substituents on acid strength, preparation of acetic acid from CO_2, from Nitriles, from acid chlorides, anhydride, Ester and amide, Physical properties and reaction of carboxylic acids, Synthesis of

MONTH WISE TEACHING PLAN

lass ..... Paper ( ) .....

r. No.	Month	Topics / Practicals to be Completed
		os : $Zn NH_4PO_4$ 2) Estimation of Mn gravimetrically as ($Mn NH_4PO_4$)
	3. Aug. 2018	F.Y.B.Sc : chap II : Periodic Properties : Atomic and ionic radii, variation energy, electron ability and electro negativity. trends in periodic table and applications in predicting and explaining the chemical behaviours
		S.Y.B.Sc : chap. II : Phenols : Preparation of phenol from chlorobenzene, cumene and Benzene sulphonic acid, physical properties, acidic nature of Phenol, Resonance stabilization of Phenoxide ion, Reaction of Phenols, Electrophilic aromatics substitution, Acylation, carboxylation Reactions with mechanism, intermolecular Fries rearrangement. Claisen rearrangement, Gattermann synthesis and Reimer Tiemann reaction
		chap. III : Aldehydes and Ketones — Aldehydes : preparation of aldehydes from acid chloride, Gattermann-Koch synthesis, Ketones : preparation from Nitriles and from Carboxylic acid, physical properties of aldehydes & Ketones. Mechanism of

Sem. 1 & III

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MONTH WISE TEACHING PLAN

Class F.Y.B.Sc. / S.Y.B.Sc. Paper (I, VI, IX, XIII, XII, XVI F.Y.B.Sc. : Inorg. Chemistry. S.Y.B.Sc. Org. Chem.

Sr. No.	Month	Topics / Practicals to be Completed
1.	June : 2018	F.Y.B.Sc. : Sem. I, III Chap. I : Atomic Structure : – Atomic orbitals, Quantum numbers, Heisenberg's Uncertainty Principle. S.Y.B.Sc. : Chap. 1 : Alcohols : – Definition monohydric alcohols - method for formation by reduction of aldehydes.
2.	July 2018	F.Y.B.Sc. : Chap. I : Heisenberg's Uncertainty Principle, shapes of s, p & d orbitals, Aufbau principle, Pauli's exclusion principle, Hund's multiplicity rule, electronic configuration of the elements, Bhor's atomic model. S.Y.B.Sc. : By reduction of ketones, carboxylic acid, Esters (one eg. each), Acidic nature, Reactions of alcohols. Dihydric alcohols : Method for formation of ethylene glycol – industrial method and from alkene using OsO_4, chemical reactions of ethylene glycol – nitration, acylation, oxidation (using $Pb(OAc)_4$, without mechanism Pérako – pinacolone rearrangement Trihydric alcohols : Preparation of Glycerol from propane, Reactions of Glycerol. *S.Y.B.Sc. (Practicals) : P. No. IX : Section : B. 1) Estimation of Zn gravimetrically

Dr. Kishore Nabaji Koinkar. **PERSONAL TIME TABLE** Year: 2018 - 2019

Period No.	Time	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	9:20 to 10:10am	—	—	—	F.Y.B.Sc.	F.Y.B.Sc.	F.Y.B.Sc.
2	11:00 to 11:50am.	S.Y.B.Sc.	S.Y.B.Sc.	S.Y.B.Sc.	—	—	—
3	01:30 to 4:00 pm and 2:30 to 5:00pm	S.Y.B.Sc. Prac.	S.Y.B.Sc. Prac.	S.Y.B.Sc. Prac.	S.Y.B.Sc. Prac.	S.Y.B.Sc. Prac.	S.Y.B.Sc. Prac.
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MONTH WISE TEACHING PLAN

lass ..... Paper ( ) .....

r. No.	Month	Topics / Practicals to be Completed
		chap. VI : Non aqueous solvents : Physical properties of solvent, types of solvents and their general characteristics. Reaction in non-aqueous solvents with reference to liquid NH_3 and liquid SO_2.

Department of Botany (2018-2019)

...S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

...S.Y.B.Sc... Paper (XIII) Gymnosperm and utilization of plant

No.	Month	Topics / Practicals to be Completed
	Nov-2018	Practical based on paper XI Gymnosperm :- a) Cycus :- Habit, young leaf, bulbil, male cone microsporophyll, megasporophyll pollen grain mature seed ii) study through permanent slide Normal root (T.S) stem (T.S) ovule (L.S)
	Dec-2018	To study of coraloid root (T.S) Rachis (T.S) leaf let (T.S) study of Pinus :- i) Habit, long and dwarf shoot scale leaves, foliage leaves male and female cone, pollen grain winged seed ii) To study through permanent slide -

MONTH WISE TEACHING PLAN

Class ...S.Y.B.Sc **Paper (** TX **)** ...Taxanomy of Angiosper

Sr. No.	Month	Topics / Practicals to be Completed
	Sept - 2018	Family - 8) Nyctaginaceae 9) Liliaceae
	Oct - 2018	To study of the family 10) Poaceae

MONTH WISE TEACHING PLAN

Class S.Y.B.Sc. Paper (IX) Taxanomy of Angiosperm.

Sr. No.	Month	Topics / Practicals to be Completed
		Practical based on. VIII
	June 2018	To study of locally available plant of the following families i) Annonaceae ii) Malvaceae iii) Leguminaceae.
	July - 2018	To study locally available plant of the following families a) Fabiaceae (Papilionaceae) b) Ceasalpiniaceae c) Mimoaceae.
	Aug - 2018	study of locally available plant of the families 5) Apocynaceae 6) Solanaceae 7) Lamiaceae.

MONTH WISE TEACHING PLAN

Class S.Y.B.Sc. Paper (XI) Gymnosperm and utilization of plant

Sr. No.	Month	Topics / Practicals to be Completed
	March-2019	Botanical name Family name and economic Importance of the following plants i) Medicinal plants:- Korphad, Aswagandha Termeric and Nirgudi ii) Timber and Gum:- Teak, Neem, Babul, Sisham iii) Cosmatic and perfumes:- Rose, Mogara, Tuberose iv) Spices:- clove, Blackpapper, cumin coriander, cinnamon

MONTH WISE TEACHING PLAN

Class ...Sy.BSc... Paper (XI) ...Gymnosperm and utilization of plants...

Sr. No.	Month	Topics / Practicals to be Completed
	Jan - 2019	Study of morphological, anatomical reproduction and graphical representation of life cycle of the(e) genetals - Gnetum Unit - 2 Utilization of plants :- 1) Domestication of plant and their centers of origen 2) ~~Hostology~~ History, origen cultivation harvesting, Improved varieties and Economic Importance of the following plants - i) Food plants - Wheat, Jawar.
	Feb - 2019	ii) Sugar - sugarcane iii) Fiber - cotton, Jute iv) Vegetable oil - ground nut sunflower v) Beverages - Tea, coffee vi) Mushroom - eg. Pleurotus

Semester - IV

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MONTH WISE TEACHING PLAN

Class .....SY.B.Sc..... Paper (XI) Gymnosperm and Utilization of plant

Sr. No.	Month	Topics / Practicals to be Completed
	NOV-2018	Unit 1:- Gymnosperm:. i) Salient Feature, classification as per Sporne 1965 Economic importance 2.) Geological time scale, Fossilization type of fossil Lyginopteris, Fossil Fuels
	Dec-2018	3.) Contribution of Prof Birbal Sahani 4) study of morphology, anatomy, Reproduction (excluding developmental stages) and graphical representation of life cycle of the following types a) cycadales - cycus b) coniferales - pinus

MONTH WISE TEACHING PLAN

Class ...B.Sc.... Paper (VII) ...Taxanomy of Angiosperm.....

Sr. No.	Month	Topics / Practicals to be Completed
		II) Malvaceae III) Leguminoseae a) Fabiaceae (Papilionaceae) b) Ceasalpiniaceae c) Mimosaceae
	Oct - 2018	IV) Apocynaceae V) Solanaceae VI) Acanthaceae VII) Lamiaceae (Labiateae) VIII) Nyctaginaceae IX) Liliaceae X) Poaceae (Gramineae)

MONTH WISE TEACHING PLAN

Class ...~~S.Y.B.Sc.~~... Paper (VII) ...Taxanomy of Angiosperm...

Sr. No.	Month	Topics / Practicals to be Completed
		drying of the specimen poisoning, mounting, lebelling of speciman, storing of the speciman, Function of Harbaria and some Imp-ortance Harbaria of the India.
	Sept - 2018	Digital Harbaria, Botanical gardan Khatis Botanical garden, Function of Botanical garden and major Botanical gardn of India. Unit - 2 Study of the following Family systematic position salient Feature, Floral formula Floral digram, common exam-ples and their Economic Importance 1) Annonaceae

Semester - III

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MONTH WISE TEACHING PLAN

Class S.Y.B.Sc... Paper (VII) Taxonomy of Angiosperms.....

Sr. No.	Month	Topics / Practicals to be Completed
	June - 2018	Admission process Introduction of subject and paper syllabus given to the students. Salient features, origen and evolution of Angiosperm.
	July 2018	2) System of classification - Introduction of Natural, artificial and phylogenetic 3) Bentham and Hookers system of classification up to series levels its merits and de-merits.
	Aug - 2018	4) Taxanomy in relation to anatomy embryology, palynology, ecology and cytology 5) concept of Binomial Nomenclature and its Advantations 6) concept of genus and species and epithets 7) Herbaria :- What is Herbaria, procedures for collection of plants, pressing of the plant specimen

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Sayyad. I.G **PERSONAL TIME TABLE** year-2018-19 (Botany)

Period No.	Time	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	12:51 – 1:40	VII + XI	VII + XI	VII + XI			
2							
3		Practical -					
4	SYBSc						
5	1:30 - 4:00 LAB - 2	S - III P - VII + XI	S - III VII + XI	S - IV P - VII + XI	S - IV P - VII + XI	S - II VII + XI	S - II VII + XI
6							
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MONTH WISE TEACHING PLAN

Class ..S.Y.B.Sc.. Paper (XIII) ..Gymnosperm and utilisations of plant..

Sr. No.	Month	Topics / Practicals to be Completed
		T.L.S and R.L.S of stem L.S of male cone L.S of female cone
	Jan - 2019	To study Gnetum - Habit T.S of stem, male and female cone Gnetum palio botany - a) type of fossil (b) Lygenopteris Utilisation of Plant :- To study morphology, structure and histochemical test eg. Jawar & wheat
	Feb - 2019	b) Histochemical test of Lignine and cellulose c) cultivation of mushroom d) Hand section of groundnut & sun flower seed and staining of by sudan III
	March - 2019	To study of source of ~~timber~~ gum, medicinal plant, cosmatics and perfume (E) To study of black pepper cumine, coriandar Field tour Note book, specimen collection,

MONTH WISE TEACHING PLAN

Class F.Y. B.Sc. Paper (IV) Hist, Anat and Embryo

Sr. No.	Month	Topics / Practicals to be Completed
8	Feb 2019	megasporogenesis and development of female gametophyte. c) pollination - mech^{n}, types and agencies. d) Double fertilization and its significance. e) Development of Dicot embryo f) structure, development and types of endosperm. g) structure of Dicot and monocot seed.

MONTH WISE TEACHING PLAN

ss ...F.Y.B.Sc... Paper (IV) ...Hist, Ana and Embryo...

No.	Month	Topics / Practicals to be Completed
8	Feb 2019	megasporogenesis and development of female gametophyte. c) pollination - mech^{n}, types and agencies. d) Double fertilization and its significance. e) Development of Dicot embryo f) structure, development and types of endosperm. g) structure of Dicot and monocot seed.

MONTH WISE TEACHING PLAN

Class ...F.Y.B.Sc... Paper (IV) ...Hist., Ana., Embryo.....

Sr. No.	Month	Topics / Practicals to be Completed
7	Jan 2019	Dicot (sunflower) b) secondary growth in root and stem of Dicot (sunflower) c) Wood anatomy : Growth rings, heart wood and sap wood. d) Periderm : Origin, structure and functions. Unit : 3 Embryology a) structure of anther, microsporogenesis and development of male gametophyte. b) Stru and types of ovule.

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MONTH WISE TEACHING PLAN

Class F.Y.B.Sc. Paper (IV) Histology, Anatomy and Embryology

Sr. No.	Month	Topics / Practicals to be Completed
5	Nov 2018	Sem - II - Unit - 1 Histology : a) Types of tissue - meristem, structure and types based on origin and position -
6	Dec 2018	ii) permanent tissue - simple complex and secretary iii) Epidermal tissues : Trichomes and stomata b) Histological organization of root and shoot apices. c) Various theories of cellular organization Unit 2 :- Anatomy a) primary stru of root, stem and leaf of monocot (maize)

MONTH WISE TEACHING PLAN

Class ...F.Y.B.Sc... Paper (II) ...Morp of Angio.....

Sr. No.	Month	Topics / Practicals to be Completed
3	Sept 2018	2:2. flower; Definition parts of typical flower, forms of thallamus, androphore, gynophore, gynandrophore, insertion of floral whorls on thallamus. structure and fons & modification of calyx, corolla.
4	Oct 2018	androecium, gynoecium, aestivation and placentation. 2:3: fruit; Types of fruits 2:4: fruit and seed dispersal strategies.

MONTH WISE TEACHING PLAN

Class F.Y.Bsc. Paper (II) Morphology of Angiosperms.

Sr. No.	Month	Topics / Practicals to be Completed
1	July 2018	Sem - I F.Y. Bsc Unit: 1 1:1 Basic body plan of flowering plants, modular type of growth, diversity of plants forms, Herbs, shrubs, Trees, climbers, annual, biennials and perennials. 1:2 Morphology of vegetative organs a) Root - characteristics, fns, regions of root, types - tap and adventitious, modification of root for storage, mechanical support and vital functions. b) Stem - characteristics fns, modification - underground, sub aerial and aerial.
2	Aug 2018	c) Leaf: parts of typical leaf, phyllotaxy, types, diversity in shape and size, venation and modifications of leaf. Unit: 2 2. Morphology of reproductive organs. 2:1 Inflorescence: Racemose, cymose and special types.

MONTH WISE TEACHING PLAN

Class T.y.B.Sc. Paper (XIX) Genetic and Biotech

Sr. No.	Month	Topics / Practicals to be Completed
		3) Sex determination: i) chromosomal theory of sex chromosome. ii) mech^{n} of sex determination in man (XX-XY).
8	Jan 2019	Drosophila (XX and XY), birds (ZZ-ZO) grasshopper (XX-XO) and genic balance theory in Drosophila iii) Sex determination in plants. Unit: 2 1) Sex linked inheritance i) colour blindness and haemophilia in man ii) Holandric gene. iii) White eye colour in Drosophila iv) Gynandromorphs. 2) Structure and fns of gene i) fine stru of gene ii) one gene one hypothesis.
9	Feb 2019.	iii) Gene and related diseases phenylketonuria iv) Detection of genetic diseases amino centesis Unit-3 - Biotechnology 1) concept of genetic engineering 2) Restriction endonucleases - 3) cloning vectors. 4 Techn of genetic engineering isolated of desired gene gene cloning transfer of gene into plants.

MONTH WISE TEACHING PLAN

Class ..T.Y.Bsc.. Paper (XIX) ...Genetic and Biotechnology...

Sr. No.	Month	Topics / Practicals to be Completed
6	NOV-2018	Sem-VI Unit 1 1) Mendelism: i. Introduction. G.J. Mendel. ii) Mendelian principles – Law of Dominance
7	Dec 2018	Law of segregation, law of independent assortment, back cross and test cross. 2) Interaction of genes: i) Allelic interaction: incomplete dominance, co dominance, lethal genes and blood group inheritance. ii) Non allelic and non epistatic - comb shapes in fowls iii) Non allelic and non epistatic: a) Complementary genes or duplicate recessive epistasis (9:7) b) Supplementary genes or recessive epistasis (9:3:4) c) Dominant epistatic genes or duplicate epistasis (12:3:1) d) Duplicate genes or duplicate dominant epistasis (15:1)

MONTH WISE TEACHING PLAN

Class .I.Y.B.S.C... Paper (XV) ....Cell Bio and mol Bio.....

Sr. No.	Month	Topics / Practicals to be Completed
5	oct 2018	Nucleosome model, Chemical composition, frs of chromosome, Giant chromosomes - polytene and Lampbrush chromosome, 2) Chromosomal abberations a) structural deletion, duplication, inversion and translocation b) Numerical :- euploidy and aneuploidy.
		Sem - VI

MONTH WISE TEACHING PLAN

Class T.Y.B.Sc. Paper (XV) Cell Bio and Mol. Bio.

Sr. No.	Month	Topics / Practicals to be Completed
3	Aug 2018	2) Nucleic acids: a) DNA: Defn, str, chemical composition (nitrogen bases, purines, pyrimidines, nucleoside, phosphate and sugar) Watson and crick's model, Z-DNA, B-DNA, fns of DNA b) Replication of DNA - conservative, semi-conservative and dispersive. c) RNA: structure and types, functions.
4	Sept 2018	Unit-3 1) Chromosome: Defn, morphology - size, shape, number, Ultrastructure, chromatid, chromonema, chromomere, centromere, kinetochore, sec constriction, satellite, telomere, heterochromatin, euchromatin.

MONTH WISE TEACHING PLAN

Class T.Y.Bsc **Paper (** XV **)** Cell Bio and Mol. Bio.

Sr. No.	Month	Topics / Practicals to be Completed
1	June 2018	T.Y. Bsc Sem - V Unit - 1 - Cell stru of Prokaryotic cell (Bacterial) and Eukaryotic cell (plant cell) 2) Cell wall and cell organelles stru and fns of cell wall and cell organelles -
2	July 2018	3) Nucleus: Ultrastructure, (nuclear membrane, nucleolus, chromatin material, nucleoplasm) fns of nucleus. Unit: 2 1) cell division a) cell cycle - G1-phase, S phase, G2-phase and M phase b) mitosis - def process and significance c) meiosis - def, process and significance

Dr. Aarsu P.S. **PERSONAL TIME TABLE** Dept of Botany

Period No.	Time	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1			Aca-Year 2018-19				
2			Theory				
3							
4	11.00 - 11.50	FY BSc	FY BSc	FY BSc	—	—	—
5							
6	12.40 - 1.30	—	—	—	TY Bsc.	TY BSc	TY BSc
7			Practical.				
8	Lab-I 3.15-5.45	T-II XVII + XVIII	T-II XVII + XVIII	T-I XXI + XXII	T-I XXI + XXII	T-III + IX + X + XII.	
9							
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MONTH WISE TEACHING PLAN

Class T.Y. B.Sc. Paper (XVII + XXI - Cell Bio & Mol Biot / pathology & XVIII XXII Genetics & Biotech / microbiol & Practical. Environment)

Sr. No.	Month	Topics / Practicals to be Completed
1	June 2018	- study of onion cell. - diseases symptoms, casualosy, cycle manage - prep of fixatives, stains. - cereals, Wheat, jower, bajra. - pulses, pea, bean.
2	July 2018	- Electron micrograph of Viruses, bacteria etc. - Electron micrograph of Eukaryotic cells. - vegetables - potato, brinjal, onion. - oilseeds - groundnut, mustard.
3	Aug 2018	- study of mitosis slides - study of meiosis slides. - cash crops - sugarcane, grapes, cotton.
4	Sept 2018	- Idiogram of karyotype. - Giant chromosome in chironomous larvae - Ornamentals - powdery mildew of rose - weeds - Rust of Euphorbia.
5	Oct 2018.	- preparation of Woolen model of mitosis and meiosis. - Trees - cercospora on Albizzia fruits.
6	Nov 2018	- Working out laws of inheritance by using seed mixtures. - study of fungicides. - prep of Bordeaux mix, Bordeaux paste - study of insecticides.
7	Dec 2018	- problem based on gene interaction. - principle and working of autoclave, laminar air flow. - calibration of microscope and measurement of fungal spores.
8	Jan 2019.	- problem based on sex linked inheritance - stretching of fungal spore by camera lucida technique. - study of pathogens in plants from local market
9	Feb 2019.	- problem based on gene interaction, sex linked inheritance. - study of micro-chemical tests.

Practicals

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Ka

MONTH WISE TEACHING PLAN

Class B. Sc. T.Y. Paper (XXII) Microbiology and disease management

Sr. No.	Month	Topics / Practicals to be Completed
1	December-2018	1) Study of fungicides as per Theory syllabus 2) Preparation of Bordeaux mixture, burgundy mixture and Bordeaux paste
2)	January-2019	3) Study of insecticide with respect to active ingredient, colour code, formulation, mode of action, antidote & uses. 4) Study of Trichoderma culture 5) Study of plant protection equipment — Pneumatic air pump Knapsack sprayer, mist blower cum duster. 6) Principle & working of Autoclave, Laminar air flow, Tilak air sampler

MONTH WISE TEACHING PLAN

Class B.Sc.-T.Y. Paper (XVIII) Plant Pathology - Practical

Sr. No.	Month	Topics / Practicals to be Completed
		b) Little Leaf of brinjal c) Black rot of onion (Aspergillus)
3	September 2018	4) oil seeds a) Tikka disease of groundnut b) Damping off of mustard 5) cash crops - a) Grassy shoot of sugarcane b) Downy mildew of grapes c) Angular leaf spot of cotton d) citrus canker
4)	oct. 2018	6) Ornamentals - powdery mildew of rose 7) weeds - Rust of Euphorbia 8) Trees - cercospora on Albizzia fruit

MONTH WISE TEACHING PLAN

Class B.Sc. FY. Paper (XVIII) Plant Pathology - Practical

Sr. No.	Month	Topics / Practicals to be Completed
1	July-2018	1) Study of Koch's postulates - isolation, inoculation & disease development. 2) Study of the following diseases with respect to symptoms, causal organism, disease cycle & disease management.
2	August-2018	1) Cereals - a) Black stem rust of wheat b) Grain smut of jowar c) Ergot of bajra 2) Pulses - a) Wilt of Pigeon pea b) Yellow vein mosaic of bean. 3) Vegetables a) Late blight of Potato

MONTH WISE TEACHING PLAN

Class B.Sc. T.Y. **Paper** (XX (C)) Microbiology and disease Management

Sr. No.	Month	Topics / Practicals to be Completed
		(g) Weedicides – 2,4-D (h) Biological control
		(3) Control measures
		(4) Pesticide application Equipments – Principle & working – Pneumatic air pump – Knapsack Sprayer – Mist blower & duster – Types of nozzles
(5)	March – 2019	(5) plant clinic (6) Recent Techniques in plant pathology – Genetically modified organisms – B.T. Cotton – pheromones – Revision – Model Question papers.

MONTH WISE TEACHING PLAN

Class B.Sc. T.Y. **Paper** (XX (C)) Microbiology and disease management

Sr. No.	Month	Topics / Practicals to be Completed
		Time of sowing, planting distance & tillage. 2) Control methods – ⓐ seed treatment ⓑ Soil sterilization – concept & objective & methods.
3	February-2019	Fungicides – Defination, Classification, Characters, Ingradients. i) Sulphur fungicides – Tuiram ii) copper fungicides iii) Mercuric chloride – Agrosan iv) Heterocyclic Nitrogenous compound – Captan v) Benzene compound – Dexon vi) Antibiotics – Streptomycin & Aureofungin vii) Systemic – Baristin & Vitavax ⓓ Pesticides – Nicotin, Neem & Pyrethrum ⓔ Rhodenticide – Zinc phosphoid ⓕ Nematicides – Nemagon & Propexar

MONTH WISE TEACHING PLAN

Class B.Sc. T.Y. **Paper** (~~XX~~ (C)) Microbiology and disease Management

Sr. No.	Month	Topics / Practicals to be Completed
1	November-2018	Unit-1 1) Microbiology- Microbiology in biological world their Classification & features of different groups.
2	December-2018	Microbial Techniques (a) Microscopy - simple, Compound & Electron microscope (b) Micrometry - Principle, working & uses (c) staining - common stain used in pathology (d) sterilization of glasswares & media
3	January-2019	(3) Culture media for isolating plant pathogen. - Industrial application of microorganisms - organic acids, alcohol, milk Products Antibiotics & biopesticides Unit-2 Disease Management - field sanitations, Use of clean planting material, Cropestation

MONTH WISE TEACHING PLAN

Class B. & T. Y. **Paper (** XVI (C) **)** Plant Pathology

Sr. No.	Month	Topics / Practicals to be Completed
5	Oct. 2018	(5) Cash crops (a) Grassy shoot of Sugarcane (b) Downy mildew of grapes (c) Angular Leaf spot of cotton (d) citrus canker (6) Ornamentals powdery mildew of Rose (7) Weeds Rust of Euphorbia (8) Trees Cercospora on Albizzia fruits - Revision - Model Question Papers

MONTH WISE TEACHING PLAN

Class B.Sc. T.Y. **Paper** (XVI (C)) ..... Plant Pathology .....

Sr. No.	Month	Topics / Practicals to be Completed
3	August-2018	(v) study of air borne pathogens - methods and applications. (vi) Field & Laboratory diagnosis of plant disease - Koch's postulates. Unit-2 - Plant diseases study of following diseases with respect to symptoms, causal organisms, disease cycle & disease management. (1) cereals - (a) Black stem rust of wheat (b) Grain smut of Jowar (c) Ergot of Bajra (2) pulses - (a) Wilt of Pigeon Pea (b) Yellow vein mosaic of bean (3) Vegetables - (a) Late blight of potato (b) Little leaf of Brinjal (c) Black rot of onion
4	Sept-2018	(4) oil seeds - (a) Tikka disease of Groundnut (b) Damping-off of mustard

MONTH WISE TEACHING PLAN

Class B.Sc. T.Y. **Paper** (XVI(E)) Plant Pathology

Sr. No.	Month	Topics / Practicals to be Completed
1	~~Pro~~June – 2018	Unit – 1 Fundamentals of plant pathology i) plant pathology – history, scope, losses due to study plant, imp. pathology. ii) Classification of plant diseases on the basis of symptoms & causal organisms – animate & inanimate.
2	July – 2018	(iii) plant pathological Institutes – IARI – Indian Agricultural Research Institute ICRISAT – International Crop Research Institute for Semi Arid Tropics (iv) Seed pathology concept & importance of seed pathology, seed borne pathogens.

Dr. S. S. Patole (2018-19) **PERSONAL TIME TABLE** Dept. of History

Period No.	Time	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	12:40 to 1:30 T.Y. B.A. Theory	P- XVI + XX	P- XVI + XX	P- XVI + XX	–	–	–
2							
3	8:30 to 11:00 am T.Y. Practical	–	–	–	–	–	T- III + IX + X + XII P- XVI (C) + XX (C)
4	3:15 to 5:45 S.Y. Practical	–	–	–	–	S- V + IX	S- V + IX
5	1:30 to 4:00 S.Y. Practical	–	–	S- I P- VII + XI	S- I P- VII + XI	–	–
6							
7							
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MONTH WISE TEACHING PLAN

Class B.Sc. T.Y. Paper (XXII) Practical.

Sr. No.	Month	Topics / Practicals to be Completed
		7) Use of aerobiological techniques to study fungal spora (Gravity slide method, Tilak air sampler)
3)	February-2019	8) Calibration of microscope & measurment of fungal spores. 9) Sketching of fungal spore by camera lucida technique. 10) Detection of organic acid from healthy & infected leaves by circular paper chromatography. 11) Detection of amino acid from healthy & infected leaves by circular paper chromatography 12) Study of pathogens in fruits from local market. 13) Study of fungi from locally available seed samples.
4)	March-2019	14) Preparation of ~~fungi~~ sterile media - Nutrient Agar - Potato dextrose agar. 15) Preparation of Stains & mounting media - cotton blue, Lactophenol & gram stain.

MONTH WISE TEACHING PLAN

Class B.Sc I Paper (III + VI) Practical based on Paper I and II
Practical based on Paper I III and V

Sr. No.	Month	Topics / Practicals to be Completed
	July	Simple and Compound microscope Tobacco Mosaic virus Gram Staining Algae: Nostoc, Chara, Botrydium
	August	Fungi: Albugo, Mucor, Eurotium, Agaricus Roots and its modifications Tap, Adventitious, Storage, Stilt, Respiratory Stem and its modifications: Under ground, Sub aerial, Aerial
	September	leaf and its diversity Types of leaf, Shape and Size, Venation, Phyllotaxy, modifications and diversity.
	October	Study of inflorescence Study of flowers with respect to pollination mechanism, Study of fruits.
	November	Permenant slides of Bryophytes Marchantia, Funaria
	December	Pteridophytes: Psilotum, Lycopodium, Selaginella, Equisetum and Marsilea.

MONTH WISE TEACHING PLAN

Class B.Sc I+II Paper (IV+VI+XIII) .....

Sr. No.	Month	Topics / Practicals to be Completed
8	January	IV - Position, occurrence, thallus structure, Reproduction, Alternation of Generations of Selaginella Pteridophyte VI - Double stained Permanent Slide Preparation of Root, Stem and leaf of maize and sunflower. XII - Enzymes : Nature, Properties, nomenclature, classification mechanism of enzyme action, Photosynthesis.
9	February	IV - Position; occurance, thallus structure, reproduction and alternation of generations of types Equisetum; marsilea. VI - Study of T.S. of Anther, Structure of ovule and types of ovules. Study of dicot and monocot seeds. XII - Respiration: Definition, mitochondria types of respiration, Glycolysis, TCA cycle, ETS, alcoholic and lactic acid fermentation.

MONTH WISE TEACHING PLAN

Class B.Sc. I+II Paper (IV+VI+VII)

Sr. No.	Month	Topics / Practicals to be Completed	S
		VIII - Community Characters: Frequency density, life forms, biological spectrum Ecosystem: structure, components, food chain, web; ecological Pramids	
6	November	IV - Diversity of Cryptogams - II Bryophytes: General characters, classification As per G.M. Smith VI - Practical Based on P. IV and V Permanent slide Preparation of bryophyte specimens - Marchantia, Funaria XII - Plant water relations, water absorption, Transpiration	
7	December	IV - Position, occurrance, thallus structure Reproduction, Graphic life cycle and alternation of Generations of Marchantia, Funaria, Psilotum, Lycopodium (Pteridophyte) VI - Permanent slides of Pteridophytes Psilotum, Lycopodium, Selaginella, Equisetum, Marsilea. Meristemms, Epidermal tissues trichomes, Stomata XIII - Mineral nutrition Translocation of Solutes: mass flow hypothesis.	

MONTH WISE TEACHING PLAN

Class B.Sc. I + II .. Paper (I + III + VIII) .....

Sr. No.	Month	Topics / Practicals to be Completed
		III - Study of Specimens of Fungi Lichens Root and its modifications Stem and its modifications leaf and its diversity VIII - Response of Plants to water & Morphological, Physiological and Anatomical to hydrophytes, xerophytes, halophytes and epiphytes
4	September	I - Chara, Botrydium, Sargassum, Batrachospermum. Fungi: General characters, Classification III - Study of Inflorescence : Racemose cymose Special. Study of flowers VIII - Phytogeography : Biogeographical regions of India, Vegetations types of India.
5	October	I - Systematic position, occurance, Struct. of mycelium and reproduction of Mucor, Albugo, Eurotium, Agaricus and cercospora. III - Study of flowers with respect to Pollination mechanism and study of fruits.

MONTH WISE TEACHING PLAN

Class B.Sc. I+II Paper (I+III+VIII Diversity of Cryptogams I + Ecology

Sr. No.	Month	Topics / Practicals to be Completed
1)	June	VIII- Plant Ecology Plant and Environment Climatic factors - Light, Temperature Water
2)	July	I - Diversity of Cryptogams - I Viruses - General Characters, classification Economic importance, TMV Mycoplasma - General Characters Bacteria — General Characters, ultra structure III - Practical based on I and II - Simple and compound microscope, TMV - Gram staining in bacteria - Study of specimens of algae VIII - Ecology Edaphic factors: Soil formation, Profile, Properties, types of Soil, Soil erosion and Conservation
3)	AUGUST	I - classification, Reproduction and Economic importance of bacteria Cryptogams: General Characters, classificatio Lichens: forms, Importance Algae: Nostoc upto reproduction

Dr. P.S Jadhavar 2018-19 **PERSONAL TIME TABLE** Dept. of Botany.

Period No.	Time	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	10:10 to 11:00	VIII + XII	VIII + XII	VIII + XII	I + IV	—	—
2	11:00 to 11:50	—	—	—	I + IV	I + IV	I + IV
3	1:34 to 4:00	F-1 III + VI	F-2 III + VI	F-3 III + VI	F-4+9+12+X III + VI		
4							
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Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class B.Sc. I Paper (III + IV) Practical Based on Paper I, II, III & IV

Sr. No.	Month	Topics / Practicals to be Completed
	January	Meristem, Anatomy of permanent tissues, Epidermal tissues. - Anatomy of sunflower and maize root, stem and leaves.
	February	Embryology: Study of T.S. of anther structure and types of ovule Study of dicot and monocot seed embryo

Department of Zoology (2018-2019)

(Semester -II practical)

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MONTH WISE TEACHING PLAN

Class B.Sc I st Paper (VI) Arthropoda to echinodesmata & protochordata

Sr. No.	Month	Topics / Practicals to be Completed
1	Nov – Dec	Study of Museum specimen and slides of relevant invertebrate & protochordata (At least 3 from each phyla) (03)
2	Jan	Dissections – – –

Sem-I (practical)

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MONTH WISE TEACHING PLAN

Class B.Sc-I^st Paper (III) Protozoa to Annelida

Sr. No.	Month	Topics / Practicals to be Completed
1	July -	Study of slides from ciliates, opalinata and Flagellates. (01)
2	Aug -	Study of museum specimens and slides from - poriferа - Annelida (3 from each) (02)
3	Sept -	Dissections - Dissection of Leech - (05) Dig. syst. of Leech. Excretory syst. Reproductive system of Leech. - Earthworm - N.S & Reproductive system.
4	Oct -	- Mounting of any 5 of the following - (01) - sponges, Spicules, Gemmules, obelia Colony, Jaw of Leech, Spermatheca, Testis, Nerve Ring, of Earthworm, Parapodia of Nereis.
		Total periods: 09
B.Sc-IInd		Vertebrate zoology (practicals) Sem-III XI Papers.
1	July -	Museum study of Vertebrates (At least 20) (05)
2	Aug -	Dissections of Scoliodon/Labeo (03) - Afferent & efferent, cranial Nerves, Brain.
3	Sept -	Dissections of Rat/Frog (05) → Urinogenital system, Arterial system, Venous system, Brain of Rat.
4	Oct -	→ Mounting of Placoid scale, Cycloid & Ctenoid scales of fish. (01) → Study of embryological development of chick according to hrs of incubation (01) → Visit of zoological museum/zoological park, is compulsory with report Submission.
		Total Practical = 15 periods

MONTH WISE TEACHING PLAN

..Class ..... Paper (XIII) Animal Physiology (Mammal)

Sr. No.	Month	Topics / Practicals to be Completed
		Blood and It's Composition. Mechanism of Blood clotting.
	Jan-2019.	Excretion — → (05) Structure of Kidney Structur of Uriniferous Tubules.
	Feb-2019	Urine Formation – Ultra filtration Selective reabsorption, and Tubular secretion. – Counter Current Multiplier syst
5	Feb-2019	Nesve physiology - (06) struct of Nesve cell, Neurons. – Neurotransmitters. – Synapse - Ultra struct & Functions.
6		Muscle physiology - (05) Ultrastructur of Smooth muscles. → Striated Muscles → Cardic muscles. Muscles Contractions. simple Switch and fatigue. (05)
7		Reproduction - struct of gonads, gametogenesis. Role of sex hormones in Reproduction. Reproductive cycles - oestrous cycle Menstrual cycle.

Total Pesiods – 45

MONTH WISE TEACHING PLAN

Class ..B.Sc.II... Paper (XIII) ..Animal Physiology (Special emphasis on Mammals)

Sr. No.	Month	Topics / Practicals to be Completed
1)	Dec-2018	Digestion - ——— (07) Brief - Introduction to dig. system. Buccal Digestion - Salivary Secretion. and digestion. Gastric digestion - Gastric Secretion and digestion Intestinal digestion - pancreatic secretion, bile juice & digestion in small intestine. Digestion and absorption in large intestine.
	Dec-2018	Respiration: ——— (09) Respiratory organs Breathing mechanism.
	Jan-2019	Respiratory pigments - Properties and functions. External Respiration. Internal Respiration Transport of gases.
3		Circulation ——— (05) Working of Mammalian Heart

MONTH WISE TEACHING PLAN

Class B.Sc.I Paper (IV) Arthropoda to Echinodermata & Protochordata.

Sr. No.	Month	Topics / Practicals to be Completed
		Reproductive system with development. General characters and classification of protochordata → (14) Amphioxus - External characters Digestive system. Reproductive system with development. Hemichordata - General characters, and Affinities. Hesdmania - General characters and Morphology. Total Periods = 45

Sem - II

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MONTH WISE TEACHING PLAN

Class ..B.Sc...I... Paper (IV) ..Arthropoda to Echinodermata and protochordata.

Sr. No.	Month	Topics / Practicals to be Completed
1)	July-2018	Arthropoda — General characters -
		Prawan — structure — (15)
		Digestive System.
		Nervous System.
		Reproductive System.
		Cockroach - External characters -
	Aug-2018 ⇒	Digestive system.
		Respiratory system.
		Reproductive system.
	Aug-2018 ⇒	Mollusca - General characters
		Pila - Ext. characters — (06)
		Respiratory system.
		Circulatory system.
		Nervous system.
3	Aug-2018	Echinodermata -
		General characters - (10)
		Sea-Star (star fish) -
		Morphology -
		Oral & aboral surface
	Sept. 2018	Water Vascular System

MONTH WISE TEACHING PLAN

Class ..... Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed
5		Aves - Outline classification general charecters. (10)
	Sep - 18	Columba livig - Ext features, Respiratory system.
		Embryology of chick - Cleavage, Blastula, gastrulation, and Formation of germinal layers. Extra embryonic membranes, Flight adaptions in Birds Migration of Birds.
	Sept 2017	Mammalia - Outline classification and genesal charecters. (13)
		Ratus ratus - Ext Feactures Blood vasculas System. Urino-genital system. Adaptive Radiation in Mammals. placentation in mammels -
		Total periods = 45

MONTH WISE TEACHING PLAN

Class B.Sc. IInd Paper (IX) Vertebrate Zoology

Sr. No.	Month	Topics / Practicals to be Completed
1	June-2018	Agnatha - outline classification and general characters of Cyclostomata — (02)
2	July-2018	Pisces - outline classification and general characters — (08) Scoliodon - Ext. characters, Dig, Respiratory and Blood Vascular, Nervous system
3	July-2018	Amphibia - outline classification and general characters — (06) Development of frog - Fertilization, cleavage, Blastulation, gastrulation and formation of germinal Layers.
	Aug-2018	Neotony: Parental Care in Amphibia
4		Reptilia - outline classification and general characters Calotes - Ext. Features, Respiratory system Blood Vascular System Poisonous & non-poisonous Snakes

MONTH WISE TEACHING PLAN

Class B.Sc-I Paper (207) Proto 209 to Annelida

Sr. No.	Month	Topics / Practicals to be Completed
		Colony. Development of Hydranth / polyps. Polymorphism in coelenterates. (6)
5	Aug-2018	Helminths - General characters - Fasciola hepatica - structure (12) life cycle, pathogenecity and control Taenia solium - structure of scolex Mature & gravid Proglottid Life cycle, Pathogenecity & control
	Sep-2018	Ascaris lumbricoides - structure of male & female, life cycle Pathogenecity & control means.
6	Sept-2018	Annelida - general characters (07) Leech - Morphology, Digestive, Excretory & Reproductive System.
		Total periods = (45)

MONTH WISE TEACHING PLAN

Class F.Y.B.Sc. Paper (Zoo-I) ..... Protozoa to Annelida

Sr. No.	Month	Topics / Practicals to be Completed
1	July	Introduction of zoology. Introduction of animal kingdom.
	Aug	⇒ Defn. of zoology Outline classification protozoa, Parazoa, Metazoa, and major phyla — (03)
	July-2018	⇒ Protozoa - General Characters Plasmodium vivax - (09) Structure of sporozoite life cycle, pathogenicity, control prevention and treatment of Malaria. Entamoeba histolytica - structure, life cycle, & control Euglena - Morphology & Repn Paramecium - Morphology & Repn
	Aug-2018	⇒ Porifera - General characters, Sycon - Morphology, Different Types of cells in Sycon. Canal System in Porifera - (08)
4		Coelenterata - general characters Obelia - morphology of Obelia

Dr. R. N. Abdar **PERSONAL TIME TABLE** 2018-19 (Zoology)

Period No.	Time	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1							
2							
3	11.50 to 12.40 Am.	B.Sc-I Pap-I, IV	B.Sc-I Pap-I, IV	B.Sc-I Pap-I, IV			
4	12.40 - 1.30 pm.				B.Sc-II Pap-VII, XI	B.Sc-II Pap-VII, XI	B.Sc-II Pap-VII XI
5	1.30 to 4.00	B.Sc-I F_2			B.Sc-I F_3		
6	1.30 pm to 4.00 pm.		B.Sc S.Y Batch-S_2		B.Sc-S.Y S_3,5,10 Batch-		B.Sc S.Y S_1-Batch
7	1.30 to .						
8							
9							
10							

Dr. RAJESH N. ABDAR
Head and Research Guide
Department of Zoology
Smt. S. K. Gandhi Arts, Amolak Science
P.H. Gandhi Commerce College, Kada
Tal. Ashti, Dist. Beed (M.S.)

IV Semester (practical)

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class B.Sc. IInd **Paper** (XIII) Animal Physiology

Sr. No.	Month	Topics / Practicals to be Completed
1	Nov	– To study the digestive enzymes From cockroach/human saliva (02)
2	Dec	– Total count of RBC/WBC from the given Blood samples. (01)
3		– preparation of Hematin crystals from given blood samples. (01)
4	Dec	– Hb% from Blood sample (01)
5		– Effect of isotonic, hypotonic, & hypertonic Solutions on blood cells RBCs. (01)
6		– Detection of Nitrogenous waste products from the extract of different animals (01)
7	Jan	Detection of Nitrogenous Substance (products) in Frog/Fish water tank (01)
8		– Estimation of CO_2 consumed by fish (02) in relation to Temp by Winkler's method
9		Typographic reading of skeletal muscles, properties, heart beating in Toad / Rat (Demonstration). (01)
10	Feb	– Histological study of (01) T.S of Kidney T.S of Testis. T.S of Ovaries T.S of Pancreas T.S of Intestine.

Total = 15

Department of Physics (2018-2019)

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class T.Y.B.Sc Paper (XV) Classical and Quantum Mech

Sr. No.	Month	Topics / Practicals to be Completed
1	June 18	C-I Classical Mechanics - Intro. Mechanics of Particle, Mechanics of System of Particles Constra classification of constraints,
2	July 18	Virtual work, D'Alembert's principle, Lagrangian equ^n, Simple application of Lagrang. formulation - Simple Pendulum Particle in space, Linear harmonic oscillator, Atwood's Machine.
3	Aug 18	C-2 Origin of quantum Theory Introduction, Failure of classical mechanics, Black Body Rad^n, Planck's quantum theory and Postulates, linear momentum of photon in terms of wave Vector, Plancks rad^n law, Weins law and Rayleighs law, Einstein's law, quantum theory of Photoelec.
4	Sept. 18	effect, Quantum effect.

MONTH WISE TEACHING PLAN

Laser

Class T.Y.B.Sc. Paper (XIX) Atomic molecular physics

Sr. No.	Month	Topics / Practicals to be Completed
6	NOV. 18	C-I. The Atom Model Introduction, Thomson atom model, the Rutherford nuclear model, drawbacks of nuclear Rutherford atomic model, the Bohr's atom model, Bohr's theory of origin of spectral lines, digrammatic representation of the series spectrum of the H-atom in the light of Bohr's theory. C-II Vector Atom model.
7	Dec. 18	Introduction, Vector atom model, Quantum numbers associated with the vector atom model, L-S coupling, j-j coupling, The pauli's

MONTH WISE TEACHING PLAN

Class ..... Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed
8.	Jan. 19	exclusion principal, Selection rules, Interval rules, Normal Zeeman effect, Anamolous Zeeman effect, stark effect and its experimental study. C-III Molecular Spectra Introduction, Origin of Pure rotational spectrum of a molecule, origin of vibration-rotation spectrum of a molecule Rayleigh's law of scattering, Raman effect discovery, experimental study, Applications of Raman effect - molecular spectral structure, Nature of liquids, crystal physics, Nuclear physics, chemical effects.

MONTH WISE TEACHING PLAN

Class ..... Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed
9.	Feb. 19	C-IV LASER Introduction, induced absorption, spontaneous emission, stimulated emission, population inversion, properties of laser beam, laser pumping, Types of laser - Ruby laser, He-Ne laser, Carbon dioxide (CO_2) laser, Applications of lasers, Biological, Medical and industrial.

MONTH WISE TEACHING PLAN

Class S.Y. B.Sc. Paper (VIII) Modern and Nuclear physics

Sr. No.	Month	Topics / Practicals to be Completed
1	June 18	C-I Photoelectric Effect- Introduction, Lenard's method. to determine $\frac{e}{m}$ for photoelectric current, Richardson and Compton experiment, Relation between photoelectric current and retarding potential, Relation between velocity of photo e^- and frequency of light, photoelectric cells (1) photoemissive cells (2) photovoltaic cell (3) photoconductive cell; Applications of photoelectric cells.
2	July 18	
3	Aug. 18	
4	Sept. 18	C-II. X-rays - Introduction, The absorption of X-ray's, Laue's expt. Bragg's law, The Bragg's X-ray spectrometer, powder & crystal method, The Laue method, X-ray spectra, Main features of continous X-ray spectrum, characteristic X-ray spectrum. C-III - Nuclear forces and Models Introduction, B.E. Nuclear stability Nuclear forces, Meson theory of

MONTH WISE TEACHING PLAN

Class S.Y.B.Sc **Paper (** XII **)** Solid State Physics

Sr. No.	Month	Topics / Practicals to be Completed
5	Oct. 18	nuclear forces, liquid drop model, shell model, Energy released in Fission, chain reaction bomb, Nuclear reactor, Nuclear fusion, source of stellar Energy. C-IV Particle Accelerators & Detector Linear accerators, Cyclotron, synchrocyclotron, Betatron, Ionisation Chamber, proportion counter, G-M Counter.
6	NOV. 18	C-I Crystal structure - Intro. Crystal lattice, Plane lattice, translation vectors, Unit cell. Basis, symmetry operations, point groups and space group type of lattices (2-D & 3-D) lattices directions and planes Miller indices, Inter planer spacing simple crystal structure.
7	DEC. 18	CII Bonding and Band Theory of solids - Introduction, concept of interatomic forces

MONTH WISE TEACHING PLAN

Class ..... Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed
		Cohesive energy and types of bonding, primary bonds (ionic, covalent and metallic bond), secondary bonds (Vander Walls bond and hydrogen bonds. The kronig-Penny model, E Vs. K relationship, diff. representation
8	Jan 19	C III Thermal properties of solids Classical theory of lattice heat capacity (concept and comparison with experimental values), Einstein's theory of lattice heat capacity Debye's model of lattice heat capacity, density of modes, limitations of Debye's model
9	Feb. 19	C IV Free e theory of metals & Trans properties — Drude-Lorentz classical theory, electrical conductivity thermal conductivity, Widemann Franz law, significance of fermi energy level, Hall effect, Hall voltage and Hall coefficient, expt. determination of Hall coeff. Imp. of Hall effect.

MONTH WISE TEACHING PLAN

Class F.Y.B.Sc. Paper (I) Mechanics, properties of Matte and Sound

Sr. No.	Month	Topics / Practicals to be Completed
1	July 18	C-I Mechanics - Introduction Compound pendulum - expression of time period, Interchangeat of centre of suspension and oscillation, Kater's pendulum Newton's law of gravitation, Gravitational Field, Gravitatio nal Potential, Gravitational potential of mass, Gravitati potential and field due to
2	Aug 18	Spherical shell and solid sphere C-II Elasticity - Introduction, Modul of Elasticity, Twisting couple on a cylinder, Bending of beam, bending moment, cantilever loaded at free end. (a) When weight of beam is ineffective, (b) When weight of beam is effective, Depression of beam loaded at centre.
3	Sept. 18	C-3 Viscosity and surface Tension Viscosity - Introduction, energy of liquid in motion, Bernoulli's.

Mr. Y. B. Rasal **PERSONAL TIME TABLE** 2018-19

Period No.	Time	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1 (2)	9.20 AM – 10.10 AM				S.Y.B.Sc. P-VII+XII	S.Y.B.Sc. P-VIII+XII	S.Y.B.Sc. P-VIII+XI
2 (3)	10.10 AM – 11.00 AM				F.Y.B.Sc. P-I+IV	F.Y.B.Sc. P-I+IV	F.Y.B.Sc. P-I+IV
3							
4 (5)	11.50 AM – 12.40 PM	T.Y.B.Sc. P-XV +XIX	T.Y.B.Sc. P-XV +XIX	T.Y.B.Sc. P-XV +XIX			
5							
6							
7 (F.Y.B.Sc)	1.30 PM – 4.00 PM					F-IV+VI	F-V+IX
8 (S.Y.B.Sc)	2.30 PM – 5.00 PM / 3.15 PM – 5.45 PM			S-V	S-V	S-VIII+X+XII	
9 (T.Y.B.Sc)	8.30 AM – 11.00 AM	T-IV	T-IV				
10							

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MONTH WISE TEACHING PLAN

Class ..... Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed
		Theorem, practical applications (i) Law of hydrostatic pressure, (ii) Filter pump, Poiseuille's formula Surface Tension - Introduction, Diff. of Pressure across a curved surface, Determination of S.T. by Jaeger's method.
		C-III Ultrasonic and Acoustics
4	Oct. 2018	Ultrasonic - Piezoelectric effect, Piezoelectric generator, Magnetostriction effect, magnetostriction Osci, Application of Ultrasonic Acoustics - Reverberation, Acoustic demands of auditorium, Sabine's Law Derivation of Reverberation time, cond^{n} of good acoustical design of room
5	NOV. 2018	C-1 Geometrical optics & optics Instruements - Cardinal points, Focal points, principal points, Nodal points and corresponding planes coaxial lens system, equivalent Focal length and cardinal points.
6	Dec. 2018	Huygens eyepiece, Ramsden's eyepiece and their cardinal points C-2 Interference - Interference in thin film due to reflected and

MONTH WISE TEACHING PLAN

Class F.Y.B.Sc. Paper (IV) Geometrical and physical optic

Sr. No.	Month	Topics / Practicals to be Completed
		transmitted light, wedge shaped thin film, Newtons rings by reflected light, determin. of wavelength, Michelson's Interferometer, type of fringes determination of wavelength and difference in λ,
7	Jan 19	C-3 Diffraction. Introduction, Diffraction at thin wire, Fraunhofer diffraction at double slit. plane transmission diffraction grating, Det^n of wavelength, Resolving power of optical instruments, R.P. of prism and grating.
8	Feb. 19	C-4 Polarization - Introd^n Malus law, Double Refraction Huygens theory of double refraction in uniaxial crystals Nicol prism, optical activity, Fresnel's theory of Optical rotation, specific rotation, Laurentz's half shade polari.
		Determination of specific rotation of sugar solution.

Department of Mathematics (2018-2019)

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MONTH WISE TEACHING PLAN

Class B.Sc. T.Y. Paper (504) Ordinary diff eq's - I

Sr. No.	Month	Topics / Practicals to be Completed
1)	June & July	Complex Numbers
2)	July & August	Linear Equations of First Order.
3)	August	Linear Equations of first order
4)	September	Linear Equations with constant coefficients.
5)	October	Linear Equations with constant coefficients

MONTH WISE TEACHING PLAN

Class B.Sc. I Year Paper (602) Abstract Algebra - II

Sr. No.	Month	Topics / Practicals to be Completed
1)	November	Vector Spaces and Subspaces.
2)	December	Linear Dependence and Bases
3)	January	Dual spaces.
4)	February	Inner Product Spaces.
5)	March.	Modules.

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MONTH WISE TEACHING PLAN

Class B.Sc.I.Y. **Paper** (502) Abstract Algebra - I

Sr. No.	Month	Topics / Practicals to be Completed
1)	June	Prerequisite i.e. Revision
2)	July	Group Theory
3)	August	Group Theory
4)	September	Ring Theory
5)	October	Ring Theory

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MONTH WISE TEACHING PLAN

Class B.Sc. S.Y. Paper (₹403) ....Mechanics - II.....

Sr. No.	Month	Topics / Practicals to be Completed
1)	November & December	kinematics and Dynamics of a particle in two Dimensio
2)	December	kinematics of a particle
3)	January	motion of a projectile and motion in Resisting medium.
4)	February	central orbits.
5)	March	central orbits.

MONTH WISE TEACHING PLAN

Class B.Sc.-I S.Y. Paper (303) Mechanics - I

Sr. No.	Month	Topics / Practicals to be Completed
1)	June & July	Forces Acting on a particle
2)	July & August	Equilibrium of forces Acting on a particle.
3)	August & September	Forces Acting on a Rigid body.
4)	September and.	centre of Gravity
5)	October	

MONTH WISE TEACHING PLAN

Class B.Sc.F.Y Paper (II) MAT-201 Calculus-II.

Sr. No.	Month	Topics / Practicals to be Completed
1)	November & December	Integral Transforms
2)	December	Methods of Integration
3)	January	Integration of Algebraic Rational functions. & Integration of Trignometric fun.
4)	February	Areas of plane Regions and Rectification, length of curve
5)	March.	Volumes and Surfaces of Revolution.

MONTH WISE TEACHING PLAN

Class B.Sc.F.Y Paper (I) MAT- 101 Calculus

Sr. No.	Month	Topics / Practicals to be Completed
1)	June	Differentiation
2)	July	Differentiation and ch-2 successive Differenti-
3)	August	ch-3 Mean value theorems
4)	September	Partial Differentiation partial Differentiation
5)	October	Differential operators.

Dr. Aruna Kulkarni **PERSONAL TIME TABLE** 2018-2019. Mathematics

Period No.	Time	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	9.20 to 10.10 am.	T.Y. Paper-VII	T.Y. P-VII	T.Y. P-VII	—	—	—
2	11.00 to 11.50 am.	F.Y. Paper-I	F.Y. P-I	F.Y. P-I	—	—	—
3	11.50 to 12.40	—	—	—	—	F.Y. P-I	F.Y. P-I
4	12.40 to 1.30	T.Y. P-VII	T.Y. P-VII	T.Y. P-VIII	T.Y. P-VIII	T.Y. P-VIII	T.Y. P-VIII
5	1.30 to 2.20	S.Y. P-V	S.Y. P-V	S.Y. P-V	S.Y. P-V	S.Y. P-V	T.Y. P-VIII
6							
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MONTH WISE TEACHING PLAN

B.Sc.IV. Paper (604) Ordinary diff. eq's II

o.	Month	Topics / Practicals to be Completed
	November	Linear equations with variable coefficients.
	December	"
	January	"
	February	Linear equations with Regular Singular points.
	March.	"

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Department of Computer Science (2018-2019)

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Ka

MONTH WISE TEACHING PLAN

Class T.Y.B.Sc **Paper (** Data communication & Networking)

Sr. No.	Month	Topics / Practicals to be Completed
1	November	Communication system, computer network, Advantage, Application of comp network, point to point & multipoint line configuration, LAN, MAN, WAN, Analog & Digital signal
2	December	Parallel & serial, synchronous & Async chronous transmission, simplex, half-duplex & full-duplex Network topology Mesh, star, tree, BUS, RING, & Hybrid
3	January	Transmission media Guided & unguided media, UTP & STP, optical fiber cable, Radio wave, micro wave, satellite communication ASK/AM, FSK/AM, PSK/AM
4	February	First generation (1G) second generation (2G) 3G, mobile tele phone system, Internet over cable, spectrum, allocation, ADSL over cable

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MONTH WISE TEACHING PLAN

Class F.Y.B.Sc. Paper ( ) ...Programming in C.....

Sr. No.	Month	Topics / Practicals to be Completed
1	November	An overview of C, History of clanguage feature of C character set, C Token, identifier
2	December	constant set, integer constant, string constant, operators : Arithmatic, Relational logical, Data types, int, char, float double long, short, signed C program & I/o statement
3	January	structure of C program, execution of C program Library function : General use & mathematical control & iterative statement, if, nested if, else if ladder, switch, case statement while & do while loop & for loop break & continue, statement, goto statement
4	February	Array one dimensional & multidimensional Array function, types of function, Arguments function prototype, Actual & formal parameter, calling function, returning function, Result, call by value, Recursion

MONTH WISE TEACHING PLAN

Class F.Y.Bsc. **Paper (**) ....Operating system.....

Sr. No.	Month	Topics / Practicals to be Completed
1	November	Introduction to software definition classification & components of software O.S
2	December	O.S as fundamental OS as Resource manager, structure of O.S OS function, Early system, simple batch system multiprogramme batch system, time sharing system, personal computer system
3	January	Process management, Memory management, storage mgement I/o mg concepts of process, process state operation on process, thread CPU scheduling, types of schedulers, process synchronization Need of synchronization critical section, Hardware synchronization, semaphore
4	February	concepts of deadlock, method for Handling deadlock, Memory management, Address binding logical vs physical Address space, Virtual memory, Demand paging, page replacement, Algorithm file, file Access Directory structure

MONTH WISE TEACHING PLAN

Class ....T.Y.... Paper ( ) ....Web design....

Sr. No.	Month	Topics / Practicals to be Completed
1	July	Introducing HTML5 xHTML, HTML5, Introducing semantic mark-up language, syntax Attribute, creating HTML document, Enhetting content working with Hyperlink, Adding image to your HTML document, Embedding plug-in content Advance of HTML5 HTML5 layout container, format using (div) element, creating regular, & irregular
2	August	tables, heading column & row caption, Intro using Java script
3	September	Java script variable, special value function, declaration & call, string function condition & looping structure Inline javascript & external javascript Dom concept in java script, Dom object Dom search Methods Event handling in java script, capturing & Bubbling, subscribing
4	October	Introduction & CSS3 Defining & Applying a style embedded external style sheet, css properties, color box Model, border, margin float

MONTH WISE TEACHING PLAN

Class T.Y.B.Sc. **Paper (**) Software Engineering

Sr. No.	Month	Topics / Practicals to be Completed
1	July	software engineering, characteristics of software, categories of software engineering, software process Essence of software engineering General principles software process & process models waterfall models, Incremental model evolutionary process model, Concurrent model specialized process Model
2	~~August~~ August	The unified process, personal & team process model Agile
3	September	Agility & the cost of change Agile process, Agility principle Human factors, Extreme programming XP value, XP process
4	October	Principles that guide practices communication principle, planning principle, modelling, principle construction principle, deployment principle.

MONTH WISE TEACHING PLAN

Class S.Y.B.Sc. Paper ( ) Datastructure

Sr. No.	Month	Topics / Practicals to be Completed
1	July	Introduction to datastructure, Basic terminology Data item, fields, record, file entity, Attributes representation of linear Arrays, Traversing, Insertion & deletion, sorting, searching multidimensional Array : 2D & MD, concepts Record, Representation in memory, linked list Representation of linked list sorted & unsorted, Insertion & deletion in linked list.
2	August	
3	septemtember	Header linked list & two way list stack queue, Recursion, stack operation, Array representation of stack Arithematics Expression polish & postfix Application of stack quick sort Recursion, queue : Representation of queue, & link types of queue dequeue & priority queue
4	October	

MONTH WISE TEACHING PLAN

Class S.Y.B.Sc. Paper ( ) Advance C programming

Sr. No.	Month	Topics / Practicals to be Completed
1	July	function Introduction, types of function Defining function, Argument, function prototype, actual parameter, & formal parameter, calling function structure & union structure: Introduction, Declaration & Initializing structure, Nested struct Array of structure typedef statement union & structure difference pointer, memory organization, the point operator *, pointer Expression & pointer Arithmetic, pointer to pointer
2	August	storage class & library function, storage classes scope, visibility & lifetime of variable, block & file scope, data conversion, function from stdlib.h
3	September	preprocessor directive File Handling opening & closing a file, I/P & O/P operation, text & binary file, etc, puts function, command line Argument
4	October	use of argc & argv ~~Graphics in C~~ Initgraph() & detectgraph(), drawing object in C like circle function

MONTH WISE TEACHING PLAN

... Class ..... Paper ( ) ..... Digital Electronics .....

Sr. No.	Month	Topics / Practicals to be Completed
1	July	Number system & Arithmetic Decimal NO. system & Binary NO system Decimal to binary conversion Binary to decimal conversion Binary Arithematic, hexa decimal NO. system. Boolean Algebra & logic gate theorems of Boolean Algebra complementation, Commutative AND OR, Associative Distributive, logic gate, AND, OR, NOT ex-OR, EX-NOR, K-map K-map for 2,3
2	August	Variable, Half Adder, Full Adder, Binary Parallel Adder, BCD to decimal decoder 2:4 demolliplexer, 4 line to 1 line
3	septemter	multiplexer, Flipflop, Introduction RS Flip clocked RS FF, JK FF, TFF Race condition Counter, Asynchronous / Ripple counter MOD-12 counter, Parallel counter, BCD Counter, Ring counter
4	October	Johnson counter Buffer Register serial I/N serial out parallel in serial-out

MONTH WISE TEACHING PLAN

Class F.Y.B.Sc. Paper ( ) computer fundamental

Sr. No.	Month	Topics / Practicals to be Completed
1	~~June~~	Introduction, characteristics & feature of computer components of computer organization of computer
2	July	Algorithm, Definition characteristics Advantage & disadvantage, example Flowchart, definition Advantage, disadvantage, Generation of computer 1st to 5th classification of computer computer language, machine, Assembly High level language, cinker, loader
3	August	computer Memory RAM, ROM, PROM, EPROM, FD, CD HD, DVD, DAT, Flash device
4	September	Touch screen, OMR, OBR, OCR light pen, scanner, plotter, LCD processor, structure, of Instruction processor feature, RISC & CISC function of O.S. Types of O.S. Batch O.S. Multiprogramming O.S. Time sharing O.S. P.O.S Network O.S
5	October	

PERSONAL TIME TABLE 2018-19

Period No.	Time	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	8 30 To 9:20						
2	9:20 To 10:10						
3	10:10 To 11:00	T.Y.B.Sc SE/DCN	T.Y.B.Sc SE/DCN	T.Y.B.Sc. SE/DCN	T.Y.B.Sc. WD/ECL	T.Y.B.Sc WD/ECL	T.Y.B.Sc. WD/ECL
4	11:00 To 11:50						
5	11:50 To 12:40						
6	12:40 To 1:30				F.Y.B.Sc. DE/C	F.Y.B.Sc. DE/C	F.Y.B.Sc. DE/C
7	1:30 To 2:20	F.Y.B.Sc. CF/OS	F.Y.B.Sc CF/OS	F.Y.B.Sc CF/OC			
8	2:20 To 3:10	S.Y.B.Sc. Adv C/C++	S.Y.B.Sc. Ad.E/C#	S.Y B.Sc Ad.C/C++	S.Y.B.Sc. DS/DBMS	S.Y.B.Sc DS/DBMS	S.Y.B.Sc. DS/DBMS
9							
10							

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MONTH WISE TEACHING PLAN

Class T.Y.B.Sc. **Paper (** **)** Ethics & cyber law

Sr. No.	Month	Topics / Practicals to be Completed
1	November	Basic concepts of Technology & law understanding the technology of Internet scope of cyber law, cyber jurisprudence, law of Digital contracts the essence of Digital contracts.
2	December	The system of Digital signatures, The role & function of certifying Authorities the science of cryptography
3	January	E-Governance, Cyber crimes & cyber law, Introduction to Intellectual property Information technology Act 2000 Cyber law
4	February	Issues in e-Business Management. Major issues in cyber evidence mangement cyberlaw compliancy Audit. The ethics of computer security Relevant Rules Notification, Information Technology (Amendment) Act, 2008

Department of Commerce (2018-2019)

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Ka

MONTH WISE TEACHING PLAN

Class F.Y.S.Y.T.Y B.Com. Paper (Com) 2018-19

Sr. No.	Month	Topics / Practicals to be Completed
	December	✱ B.Com. I Finacial Accounting Unit-I - Accounting principles and Accounting Standards Unit-II-Final Accounts of Non-trading concerns.
	—11—	✱ B.Com I Business Communication and IT Applica Unit-I Communication Unit-II-Business correspondence
	—11—	✱ B Com. II principles of Business Managemen chap-I. Directing chapter-II-Leadership-
	—11—	✱ B.com- II Business Regulatory Frame work 1) sales of Goods Act- 1930 part- 2) sales of Goods Act 1930 part-2
	—12—	✱ B.com. III Advanced Finacial Accounting Unit-I- Stock Market Unit-II - Accounts of Electricity Company

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MONTH WISE TEACHING PLAN

Class F.Y.S.Y.T.Y B.Com Paper (Com) 2018-19

Sr. No.	Month	Topics / Practicals to be Completed
	January	✱ B.Com I Financial Accounting Branch-Accounts. (Unit III)
	—12—	✱ B.Com. I Business communication and IT Application Unit III Inforned technology
	—11—	✱ B.Com II principles of Business Management-II chapter-III-Motivation, Morale and Human Relations
	—12—	✱ B.Com. II Business Regulatory Frame work 3 Negotiable Instruments Act- 1881 – part-I
	—11—	✱ BCom. III Advanced Financial Accounting Unit-III. Insolvency Accounts.

MONTH WISE TEACHING PLAN

Class F.Y.B.Com Paper (Com) 2018-19

Sr. No.	Month	Topics / Practicals to be Completed
	October	✱ B.Com. I (Financial Accounting) Unit-IV. Hire Purchase System and Installment method.
	—"—	✱ B.Com. I Computer Application in Business Spreadsheet and its Business Applications
	—"—	✱ B.Com. II Principles of Business management-I Chapter V- Staffing
	—"—	✱ B.Com. II Business Regulatory Framework-I IX- special contracts
	—"—	✱ B.Com. III Advanced Financial Accounting Unit-IV- Bank Final Accounts. Vertical Format Only

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MONTH WISE TEACHING PLAN

Class F.Y.B.Com Paper (Com.) 2018-19

Sr. No.	Month	Topics / Practicals to be Completed
	November	✱ B.Com. (Financial Accounting Royalty Accounts)
	—"—	✱ B.Com. I (Computer Application in Business) Creating Business Spreadsheet
	—"—	✱ B.Com. II Principles of Business Management Chapter-V- Staffing
	—"—	✱ B.Com. II Business Regulatory Framework-I V- Consumer Protection Act- (Amended Act of 2002)
	—"—	✱ B.Com. III Advanced Financial Accounting Unit-V. Accounts of Insurance companies.

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MONTH WISE TEACHING PLAN

Class F.Y.S.Y.T.Y B.Com. Paper (Com.) 2018-19

Sr. No.	Month	Topics / Practicals to be Completed
3	August	✱ B.Com. I (Financial Accounting) Unit. III - Final Account of Sole Traders
	——»——	✱ B.Com. I (Computer Application in Business) Word Processing
	——»——	✱ B.Com. II (Principles of Business Management) chap - III Decision Making
	——»——	✱ B.Com. II (Business Regulatory Framework) II) Indian Contract Act 1872 - part. - II
	——»——	✱ B.Com. III (Advanced Financial Accounting) Unit III - Investments Accounts

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MONTH WISE TEACHING PLAN

Class F.Y.S.Y.T.Y B.Com. Paper (Com) 2018-19

No.	Month	Topics / Practicals to be Completed
4	September	✱ B.Com I (Financial Accounting) Unit IV - Hire Purchase system and Installment method.
	——»——	✱ B.Com. I (Computer Application in Business) Preparing presentations—
	——»——	✱ B.Com. II (Principles of Business Management) chap - IV - organizing
	——»——	✱ B.Com. III (Business Regulatory Frame work) III. Indian Contract Act - 1872 - part. III
	——»——	✱ B.Com. III (Advanced Financial Accounting) Unit III. Investment Accounts Investment Accounts.

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MONTH WISE TEACHING PLAN

Class F.Y. S.Y. T.Y. B.com Paper (com.) 2018-19

Sr. No.	Month	Topics / Practicals to be Completed
1	June	* B.com. I (Financial Accounting Unit-1 - Book Keeping and Accounting)
	—"—	* Bcom. I (Computer Application in Business Unit-1 computer codes and Languages
	—"—	* B.com. II (principles of Business mang. cment) ch-1- Introduction to Management.
	—"—	* B.com. II (Business Regulatory Frame work) 1) Indian contract Act 1872-part
	—"—	* B.com. III (Advanced Financial Accounting) Unit-Social Accounting

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MONTH WISE TEACHING PLAN

Class F.Y. S.Y. T.Y. B.com Paper (com.) 2018-19

No.	Month	Topics / Practicals to be Completed
2	Jully	* B.com. - I (Financial Accounting) Depreciation.
	—"—	* B.com. I (Computer Application in Business) word processing
	—"—	* B.com. II (Principles of Business management) Chapter-II Planning
	—"—	* B.com - II (Business Regulatory Frame work) 1 Indian contract Act 1872 part - I
	—"—	* B.com. III (Advanced Financial Accounting-I) Unit II - Departmental Accounts

PERS NAL TIME TABLE 2018-19

Period No.	Time	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	8.30 to 9.20						
2	9.20 to 10.10 T.Y. B.Com					T.Y. B.Com Advance A/c	Advance A/c.
3	10.10 to 11.00 T.Y. B.Com	Advance A/C	Advance A/c				
4	11 to 11.50 S.Y. BCom	P.B.M.	P.B.M.	P.B.M	P.B.M		
5	11.50 to 12.40 F.Y. B.Com	F.A/c	F.A/c	F.A/c	F.A/c		
6	12.40 to 1.30 F.Y. B.Com					IT App	IT App
7							
8	12.40 to 1.30 S.Y. B.Com.	B.R.F.	B.R.F.	B.R.F.	B.R.F.		
9							
10							

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MONTH WISE TEACHING PLAN

Class F.Y. S.Y. T.Y. B.Com Paper (Com.) 2018-19

Sr. No.	Month	Topics / Practicals to be Completed
	February	✱ B.Com I Financial-Accounting- Unit-IV - Departmental Accounts
	— 21 —	✱ B.Com. I Business communication and IT Application Unit IV - Electronic Communicati...
	— 11 —	✱ B.Com II principles of Business Management Chapter-IV - Co-ordination
	— 11 —	✱ B.Com. II Business Regulatory Frame work N.I. Negotiable Instruments Act-1881 -- part II
	— 12 —	✱ B.Com. III Advanced Financial Accounting Unit-IV - Accounts For Local Government

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MONTH WISE TEACHING PLAN

Class F.Y. S.Y. T.Y. B.Com Paper (Com) 2018-19

Sr. No.	Month	Topics / Practicals to be Completed
	March	✱ B.Com. I. Financial. Accounting Unit-V. Consignment Accounting
	— 11 —	✱ B.Com I. Business Communication and IT Application Unit -V- Email, Social Networking and oral presentation
	— 11 —	✱ B.Com. II principles of Business Mangement Chapter-V- Controlling
	— 11 —	✱ B.Com. II Business Regulatory Framework 5) The protection of Human Rights Act -1993
	— 12 —	✱ B.Com. III Unit V- Email, social Net working and oral presentation.

MONTH WISE TEACHING PLAN

F.Y.S.Y.&T.Y.
Class B.com Paper Commerce - Year- 2018-2019

Sr. No.	Month	Topics / Practicals to be Completed
	Oct. 2018 F.Y.B.com	1) Business mathematics and statistics Determinants- 2) Matrices 3) Entrepreneurship Development 4) Evolution of Entrepreneurship in 21st century! 5) Project Identification
	S.Y.B.com	4) Marketing Management / Marketing Planning 5) Rural marketing
	T.Y.B.com	1) Indirect Taxes & Direct Tax 4) Service Tax. 5) Maharashtra Value Added Tax 3) Management Accounting- 4) Funds flow Statement 5) Cash flow Statement

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F.Y.S.Y.&T.Y. MONTH WISE TEACHING PLAN
Class B.com Paper Commerce - Year- 2018-2019

Sr. No.	Month	Topics / Practicals to be Completed
	NOV. 2018 F.Y.B.com	1) Business mathematics & statistics 1) Logarithms 2) Entrepreneurship development 1) Entrepreneurship
	S.Y.B.com	1) Marketing management- 1) Marketing communication
	T.Y.B.com	1) Management Account 1) Budget & Budgetary control 2) Indirect Taxes & Direct Taxes 1) Income Tax Act 1961.
	December-2018 F.Y.B.com	1) Business mathematics & statistics 3 Correlations 2) Entrepreneurship development 2) Emerging Trends in Entrepreneurship development
	S.Y.B.com	1) Marketing Management 2) consumer Behaviour

MONTH WISE TEACHING PLAN

F.Y. S.Y & T.Y. Commerce - year. 2018-2019
Class B.com. Paper ( )

Sr. No.	Month	Topics / Practicals to be Completed
		2) Entrepreneurship development-I 3) The dynamic new trends of Entrepreneurship:- Startup Accelerators, student sandbox and Business Labs, Crowd funding, venture capital, Co-working spaces, Boot camps, online Entrepreneurship Degree. 4) Evolution of Entrepreneurship in 21st century :- Essential of 21st century Entrepreneurship.
	S.Y.B.com	1) Marketing Management :- 2) Marketing mix and channels of Distribution :- Study of Channels of distribution and various channels of distribution - factors to be considered in the selection of channels of distribution. 4) Marketing management/ Marketing planning. Marketing planning and plan Marketing Planning process, Role and significance of marketing planning.

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MONTH WISE TEACHING PLAN

F.Y. S.Y & T.Y. Commerce - year. 2018-2019
Class B.com. Paper ( )

Sr. No.	Month	Topics / Practicals to be Completed
	T.Y.B.com	1) Management Accounting - I 2) Ratio analysis - Inventory Turnover Ratio, Debtors Turnover Ratio, Creditors Turnover Ratio, Current Ratio, Liquid Ratio, Proprietary Ratio. 4) Funds Flow statement - Funds from Operations statement showing changes in Working Capital. 2) Indirect Taxes & Direct Taxes - I 3) Customs Laws : Customs procedures, Import and Export procedures, Baggage 4) Service Tax Finance Act, 1994 as amended from time to time Service provider and service Receiver. Registration Records.

MONTH WISE TEACHING PLAN

F.Y. S.Y. & T.Y. commerce - Year. 2018-2019

Class B.Com. Paper ( )

Sr. No.	Month	Topics / Practicals to be Completed
	S.Y. B.com	
		1) Marketing management - I
		2) market segmentation, targetting and positioning meaning, definition, Need and Benefits of segmentation, Requisites of sound market segmentation, segmenting consumer market and Business market, Target marketing positioning
		2) marketing mix and channels of Distribution meaning and importance of marketing mix Elements of marketing mix, product mix, price mix, Place and promotion mix.
	T.Y. B.com	
		1) Management Accounting - I
		2) Financial statement Analysis meaning, definitions scope of financial statement meaning of financial statement Analysis Tools of financial statement Analysis
		3) Ratio Analysis classification of Ratio calculation of Ratio - GP Ratio, NP Ratio, Return on capital employed Ratio

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MONTH WISE TEACHING PLAN

F.Y. S.Y. & T.Y. commerce - Year. 2018-2019

Class B.Com. Paper ( )

Sr. No.	Month	Topics / Practicals to be Completed
		2) Indirect Taxes & direct Taxes - I a) Central Excise :- Introduction meaning, Nature and scope, Central Excise Duty Act-1944, Important and Definition, Registration, goods Excisable goods, duties of central excise, Excisable goods Adjudication, Appeals settlement recovery and refunds of duties. b) Customs Laws :- Basic concepts of Customs Law Anti Dumping Duty Safeguard Duty, valuation,
	Sept - 2018	
	1) F.Y. B.com	1) Business mathematics and statistics
		3) measures of Dispersion & Skewness :- Skewness - Introduction, Definition, objectives of skewness, Measures of skewness Karl pearson's Co-efficient of skewness.
		4) Determinants :- Definition, cramer's Rule Determinant of second order, determinant of Third order.

MONTH WISE TEACHING PLAN

F.Y.S.Y.T.Y. B.com - Commerce - Year - 2018-2019
Class Commerce Paper ( )

Sr. No.	Month	Topics / Practicals to be Completed
1)	July. 2018	1) Business mathematics and Statistics - I
1)	F.Y.B.com :-	1) Introduction to statistics :- Meaning, definition, Importance and Limitations of statistics, primary and secondary data, methods of collecting primary data, sources of secondary data difference between Primary and secondary data, ways of collection of data @ complete enumeration ② sample method, scrutiny and tabulation of statistical data.
		2) Entrepreneurship Development - I
		1) Entrepreneur :- concept of Entrepreneur definition characters, Functions, Entrepreneur and Intrapreneur, Need Entrepreneur in Economic Development
2)	S.Y.B.com -	1) MARKETING MANAGEMENT - I
		1) Introduction to Marketing - definition, nature, scope and importance of marketing, traditional and Modern concept of marketing, classification of markets, functions of marketing, marketing Environment.
3)	T.Y.B.com -	1) Management Accounting - I
		1) management Accounting - meaning, definition, scope of management Accounting Tools and techniques of Management Accounting Difference between management Accounting and financial Accounting Advantage & limitation of Management Accounting

MONTH WISE TEACHING PLAN

F.Y.B.Y.T.Y. B.com Commerce - year - 2018-2019
Class ..... Paper ( )

Sr. No.	Month	Topics / Practicals to be Completed
		2) Indirect Taxes & direct Taxes - I
		1) Indirect Taxes Definition, characteristics Advantages, Disadvantages, Types special features of Indirect tax contribution to Government revenues, instrument of planning development and fiscal performance, An overview of goods and service Tax (GST)
	August - 2018	
1)	F.Y.B.com	1) Business Mathematics and statistics
		1) measures of central Tendency :- Introduction, definition, Types of averages mean, median and mode :- Computation of above measures in discrete series continuous series and cumulative frequency distribution class theory and marathon ⑤ merits and demerits of mean, median and mode.
		2) measures of Dispersion & skewness :- Introduction Definition, objectives of measuring Dispersion, mean Deviation and its coefficient, standard deviation, its coefficient with its co-variance.
		2) Entrepreneurship Development Entrepreneurship -

Prof - Shinde G.B. **PERSONAL TIME TABLE** Year - 2018-2019

Period No.	Time	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	8.30 AM - 9.20 AM						
2	9.20 AM - 10.10 AM	Management A/C T.Y.B.com	Management A/C —	Management A/C. —	Management A/C —		
3	10.10 AM - 11.00 AM	Entrepreneurship Development F.Y.B.com	Enterp- Develop- F.Y.B.com	Enterpr- Develop- F.Y.B.com	Entrepreneurship Dev- —	Direct & Indirect Tax T.Y.B.com	Direct & Indirect Tax T.Y.B.com
4	11.00 AM - 11.50 AM.	Business Math & Stat. F.Y.B.com	Business Math & Stat. —	Business Math & Stat —	Business Math & Stat —		
5	11.50 AM - 12.40 PM.	Marketing Management S.Y.B.com	Marketing Management —	Marketing Management —	Marketing Management —		
6	12.40 PM - 1.30 PM					Direct & Indirect Tax T.Y.B.com	Direct & Indirect Tax T.Y.B.com
7							
8							
9							
10							

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MONTH WISE TEACHING PLAN

F.Y. S.Y & T.Y Commerce - year. 2018-2019

Class ...B.com... Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed
	T.Y. B.com	
		1) Management Accont
		2) cash Budget
		3) Indirect Taxes & Direct Taxes
		4) Income from salary
	Jan - 2019	
	F.Y. B.com.	1) Business mathamatics & statistics
		2) Regression
		3) Entrepreneurship Development
		4) Entrepreneurship development programme.
	S.Y. B.com	1) Marketing management
		2) Customers Relationship management
	T.Y. B. com	1) Management Account
		2) functional Budgets
		3) Indirect taxes & direct tax
		4) Income from Business and profession
	Feb-2019	
	F.Y. B.com	1) Business mathamatics & Statistics
		2) Index Numbers
		3) Entrepreneurship Development
		4) Project Identification & Resource Management

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MONTH WISE TEACHING PLAN

F.Y. S.Y & T.Y Commerce - year. 2018-2019

Class ...B.com... Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed
	S.Y. B.com	
		1) Marketing Management
		2) New Issues and Development in marketing
	T.Y. B.com	
		1) Management Account
		2) capital Budgeting
		3) Indirect Taxes & direct Tax
		4) Income from House property.
	March-2019	
	F.Y. B.com	1) Business mathamatics & statistics
		2) probability and Expected Value
		3) Entrepreneurship development
		4) Project Preparation
	S.Y. B.com	1) Marketing management
		2) Ethics in marketing
	T.Y. B.com	1) Management Account
		2) Responsibility Account
		3) Indirect Taxes & Direct Tax
		4) Income from capital Gain Income from other sources

MONTH WISE TEACHING PLAN

F.Y. SY, TY Commerce
ss ..... Paper ( ) 2018-19

No.	Month	Topics / Practicals to be Completed
	* January 2019	Business Organisation and Management Business Management and organization The process of management planning Decision-making strategy formulation organizing Basic consideration Departmentation, functional project Network, Delegation Groups and Teams
	S.Y.B.com	Corporate Accounting :- Reconstruction of joint stock company Internal reconstruction only Numerical problem * Accounts of Holding company pre-post acquisition profit Reserve
		* I.T APP in Business Electronic Business Introduction - Definition - Application of Business - Emerging Application Electronic Business Architecture - Electronic Business Initiative Peteon companies opening the doors of virtual business
	T.Y.B.com	* Banking & Insurance :- Insurance Agent : Definition a Agent procedure to becoming an Agent Code of conduct for Insurance Agent Life Insurance * Auditing Trends :- Investigation : Meaning Definition objectives and characteristics of Investigation Difference between Audit and Investigation Types Investigation

MONTH WISE TEACHING PLAN

Class F.Y. SY, T.Y Paper (Commerce) 2018-19

Sr. No.	Month	Topics / Practicals to be Completed
		S.Y.B.com :- Corporate Accounting - II Absorption of Joint Stock Company · Purchase consideration · Ledges in the Book of Absorbed · Acquisition entries in the book · Balance Sheet after absorption * I.T. Application in Business :- Electoronic Market. online shopping Online purchasing. Electronic Market Three models of Electronic market B2B Hubs T.Y.B.com :- Banking & Insurance · Introduction of Insurance :- Meaning. Basic principal and significance of Insurance life Insurance corporation act 1956 IRDA 2000 privatisation Ippact of Liberalization Insurance * Auditing Trends :- Management Auditing :- Meaning & Definition objective of management Audit * Human Resource Audit Meaning Definition, objective characteristics Difference Types of Investigation

MONTH WISE TEACHING PLAN

ss ..... Paper (Commerce) 2018-19

No.	Month	Topics / Practicals to be Completed
	S.Y.Bcom	*Corporate Accounting-II :-
		* Amalgamation of Joint stock companies:
		· Purchase Consideration
		· closing Entries in the book of dissolved companies
		.Acquisitionentries and opening Balance sheet of New company
		* I.T. Application in Business III
		* Introduction, main Activities of Electronic Commerce E-commerce Electronic com. E-commerce-scope of E-Commerce progress of ECommerce
	S.Y.B.com	* Banking & Insurance I :-
		Banking and India :-
		i) meaning and definition of Bank Banking and Banking company
		ii) commercial Rural Introduction structure of commercial Bank Electronic Banking
	Dec 2018	* New Auditing Trends :-
	F.Y.Bcom	Auditing :- cost Auditing Meaning objectives scope General principles. Types of Errors and fraud Audit programme Audit Note book
	DeC2018	Cost Audit :
	F.Y.Bcom	Business organisation and management
		Business Enterprises:
		Forms of Business organisation sole proprietorship. Joint Hindu family firm Partnership firm. Joint stock company Cooperative society limited liability Partnership public Enterprises

MONTH WISE TEACHING PLAN

Class F.Y., S.Y., T.Y. Commerce Paper ( ) 2018-19

Sr. No.	Month	Topics / Practicals to be Completed
	S.Y.B.com 2)	Corporate Account :-
		III Redemption of Preference Share
		· Types of preference Shares
		· Redemption of fresh Issue of Sh
		· Redemption of of profits.
		2) I.T. APP. in Business III :-
		Tax application in Tally :-
		Introduction to Vat, Vat, Act Hist
		and classification Vat computation
		composite VAT. input VAT on
		capital goods, Central Excise Tax
	T.Y.B.com	1) Banking & Insurance :-
		: Electornic Banking (E, Banking)
		Introduction, E Banking (ATMs,
		Smartcards · Internet Banking
		cheques electronic cheques
		Mobile product, E Banking
		2) Auditing Trends I
		: Audit of computerised System
		Auditing in an EDP environment
		planning and Audit in Computer
		Environment General EDP Contr
		EDP Application control, System
	Nov 2018	Business Organisation and Management
	F.Y.B.com	Manufacturing and sector small &
		Medium Enterprises, problems and
		Government policy India's experience
		of liberalization and globalization
		Technological innovations on skill,

MONTH WISE TEACHING PLAN

...ss F.Y.S.Y.T.Y. Paper (Commerce) 2018-19

...No.	Month	Topics / Practicals to be Completed
		Stock Voucher or purchase order Purchase and sales orders stock Valation methods Inventory reports.
	T.Y.B.com	Banking & Insurance I :- General precautions for opening accounts KYC Special type of customers, minor, married women. Drunkards. Partnership Joint stock companies unincorporated bodies. Executor and administrators. Trusts Accounts Joint Accounts.
		2) Auditing Trends I: Audit of Limited Companies: company Auditor - Appointment of Auditor, Power, Duties and Liabilities of Auditor Remuneration of Auditor and Removal of Auditor Audit Reports - Meaning and Definition of Report. Types of Reports. standard report and Qualified Report.
	Oct 2018 :-	Business & Industrial Eco I - F.T.Bo factor pricing:- Marginal productivity theory and demand for factors of nature of supply of factor inputs determination of wages

MONTH WISE TEACHING PLAN

Class F.Y, S.Y, T.Y. commerce Paper ( ) 2018-19

Sr. No.	Month	Topics / Practicals to be Completed
	Sub 2018	Business and Industrial Eco:-
	F.Y.B.com	Market Structures.
		Market structures and business decisions objectives of a business firm, perfect competition, Meaning concept and features monopoly meaning concept and features securities Exchange Board of India (SEBI)
	S.Y.B.com	:-
		a) Corporate Accounting :-
		Redemption in lump sum:
		1) Issue at 'par" Redeemable a'par".
		e) Issue at "Discount" Redeemable at par.
		3) Issue a "premium" Redeemable at
		4) Issue at "premium" Redeemable at "premium"
		5) Issue at "Discount" Redeemable at premium
		b) I.T. App Business II
		Tally Inventory management
		Introduction to Inventory creation of stock category creation of stock-group, creation of stock items, editing and deletion of stock items, usage of stock in voucher entry,

MONTH WISE TEACHING PLAN

Class B.Y.S.T.Y.Commerce 20181 Paper ( )

r. No.	Month	Topics / Practicals to be Completed
	27	IT Application in Business III :- Creation of new Company, Creation of groups, Ledger, Vouchers, voucher entry, Payment voucher, Receipt Voucher, Sales voucher, Purchase voucher, Contra voucher, Journal voucher, Editing and deleting vouchers, Bank reconciliation Bill wise details, Order processing Accounting reports. Export & Import data. Web enabled reporing and online support.
	T.Y.B.Com	Banking and Insurance :-
		* Central Bank : The Reserve Bank of India Introduction. Organisation and management progress and progress and problems regulation of money and credit supply - credit control measures.
		* Banker and Customer : The relationship between a banker and customer general relationship special relationship statutory obligation to honour Cheques bankers right to maintain secrecy of customers Account right to
		* Auditing : Trends - Internal check system, Vouching

MONTH WISE TEACHING PLAN

Class F.Y. S.Y. T.Y. Paper (Commerce) 2018-19

Sr. No.	Month	Topics / Practicals to be Completed
	S.Y.B.com	Elasticity of Demand: concept. measurement and determinants of elasticity of demand. price elasticity. income elasticity and cross elasticity. Average Revenue. marginal Revenue importance of Elasticity of demand Demand forecasing Methods. 1) Corporate Accounting:- Issue of share ~~of~~ in consideration of assets etc. * procedure of Issue of Shares prospects. Application, Allotment, forfeiture of shares, Reissue of shares * Forfeiture of shares * Reissue of shares * profit on re-issue * Journal Entries for Issue of shares, forfeiture of shares reissue of shares * Balance sheet. * Redemption of Debentures: • Types of Debentures • methods of Rememption - Redemption - ~~Re~~ in Installment Remem in lamp sum, Redmption out of out of profit out of fresh Issue.

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MONTH WISE TEACHING PLAN

lass ~~Commerce~~ Paper (Class T.Y.B.Com T.Y. 2018-19

t. No.	Month	Topics / Practicals to be Completed
	T.Y.B.Com	1) Banking & Insurance:- Banking in India ~~Introduction of Insurance.~~ Meaning and definition of Bank Meeting Basic principal and singnificance of Insurance insurance contracts, Elementary knowledge of life Insurance corporation Act 1956 IRDA 2000 Privatisation of Insurance, Regional Rural Bank In traditional 2) New Auditing Trends - II Cost meaning objectives, scopes. Cost & management Audit: General principle Types of Errors A) ~~Cost Audit~~ + Meaning ~~Definition~~ Frauds. Audit progarmne Audit Nature, objectives, ~~of Cost Audit~~ ~~Advantages of~~ cost Audit Note book.
	AUG-2018 F.Y.B.com	* Business and Industrial Eco Theory of consumer Behaviour: The indifference care approaph. meaning definition, assumptions and properties of indifference carve consumers equilibriam.

MONTH WISE TEACHING PLAN

B.Com = F.Y | S.Y. | T.Y.

Class Commerce **Paper (** **)** Year 2018|19

Sr. No.	Month	Topics / Practicals to be Completed
	July - 2018 F.Y.B.Com	* Business and Industrial Economics:- Meaning, Definition. Nature. characteristics. Significance and scope of Business Economics. objecitives of Business Firm.
	S.Y.B.Com	* Corporate Accounting-I * Meaning of shares * Issue of shares - at par, at premiums, at discount collection of share money Collection of lump sum collection in Installment * I.T. Application in Business:- Introduction to Tally Fundamentals of Computerized Accounting, computerized Accoun- V.S manual Accounting.

prof. Nath M. N. 218-19 **PERSONAL TIME TABLE** (Commerce Faculty)

Period No.	Time	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	S.Y.B.com 9.20 to 10.20	Corporate Account	Corporate Accounting	Corporate Accounting	Corporate Accounting	I.T. App in Bcas II	I.T. App in Bcas II
2							
3	F.Y.B.Com 11.00 to 11.50					Business & Industrial Economics	Business & Industrial Economics
4	1'						
5	TY.B.com 11.50 to 12.40	New Auditing Trends	New Auditing Trends	New Auditing Trends	New Auditing Trends	I.T. Application Basics I	I.T. Application Basics I
6						(F.Y.B.Com)	(F.Y.B.Com)
7	T.Y.B.Com 12.40 to 1.30	Banking & Insurance	Banking & Insurance	Banking & Insurance	Banking & Insurance	Business & Industrial Economics	Business & Industrial Economics
8							
9							
10							

prof.

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MONTH WISE TEACHING PLAN

Class F.Y.B.Com Paper ( ) 2018-19

Sr. No.	Month	Topics / Practicals to be Completed
	Feb 2019	Leadership of organization. Motivation and control :- Leadership concept and Styles. Trait and situational. Theory of Leadership. concept and process Functional Areas of management Marketing management.
	S.Y.B.com.	Corporate Account :- • pre-post acquisition profit • pre-post acquisition loss • Intercompany Debentures & Debts.
		* I.T. APP in Business II :- Business to Business E Commerce Business of Business Application B2B Electronic Commerce Bill
	T.Y.B.com	Banking and Insurance :- Procedure of Taking of life Insurance proposal form. Medical Exam * Acts proof Insurance premium
		* Auditing Trends :- Trend in cooperative Audit. Tax Audit.
	Mar 2019	Business organisation
	F.Y.B.	Functional Areas of Management
	S.Y.B.com	Corporate Accounts Liquidation of Joint stock company
	T.Y.B.com	• Banking & Insurance :- General Insurance
		* Auditing Trends :- Tax Audit

2018-19

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MONTH WISE TEACHING PLAN

Class FYBA Paper (Comp) Learning Lang. Skills

Sr. No.	Month	Topics / Practicals to be Completed
		SEM - I
1	June	Prose - 1) Happy Prince
2	July	2) Good Manners 3) The Eyes are not here 4) Forgetting 5) Home Coming
3	Aug.	Poetry. 1) One day I - - - 2) Ode on Solitude 3) If 4) My Love is - - - 5) Stopping by - - -
4	Sept.	Parts of Speech
5	Oct.	Parts of Speech
6	Nov	Conjunction, Interjections
7	Dec	Adverbs, Preposition

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MONTH WISE TEACHING PLAN

Class ..... Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed
		SEM - II
8	Jan.	Prose - 1) The Bet 2) The Three Ques. 3) With the Photographer 4) National Prejudices 5) Playing the Eng. Gentleman
9	Feb	Poetry - 1) Where the mind - - 2) The Solitary Reaper 3) Oxymandias 4) Laugh & be merry 5) The Toys
10	Mar.	Tenses

2018-19

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MONTH WISE TEACHING PLAN

Class ...F.Y.B.A..... Paper (II) .....Reading Literature.....

Sr. No.	Month	Topics / Practicals to be Completed
		SEM-I
1	June	Poetical Types The lyric
2	July	The sonnet The novel
3	Aug.	Shakespearean Sonnets Sonnet no. 29, 60, 73, 116, 130
4	Sept.	Novel 'The Guide'
5	Oct.	Exam
		SEM II
6	Nov.	Poetical Types - odes Dramatic Types
7	Dec.	John Keats' Poems Ode to Nightingale, Ode to Autumn,
8	Jan / Feb	Ode to Grecian Urn Drama - Arms & the Man (Shaw)

2018-19

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MONTH WISE TEACHING PLAN

Class ..... F.Y.B.Com. Paper (Comp.-) ..... Written & Spoken. Comm. .....

Sr. No.	Month	Topics / Practicals to be Completed
		SEM - I
1	June	· Articles
2	July	Prepositions
3	Aug.	Active & Passive Voice
4	Sept.	· Phonetic Trans.
5	Oct.	Dialogue writing
6	Nov.	Sounds of English
		SEM - II
7	Dec.	Tenses
8	Jan	Phrases, Clauses, Sentences Reported Speech
9	Feb	Essay writing, Letter of Curies.
10	Mar.	Paragraph writing

2018-19

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MONTH WISE TEACHING PLAN

Class ...SyBCom... Paper (Comp.) ...Comm. Skills in Eng. & Stat...

Sr. No.	Month	Topics / Practicals to be Completed
		SEM-I
1	June	Intro. to Comm.
2	July	Notices, Agenda, Minutes
3	Aug.	Buss. Correspondence
4	Sep.	Interview & Int. Skills Vocabulary Dev.
5	Oct.	Editing Skills
6	Nov.	SEM-II Speeches
7	Dec.	Presentation
8	Jan	Meetings
9	Feb	Non Verbal Comm.
10	Mar.	Reference Skills Information Trans.

Dr. Kalyankar A.S.

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN - 2018-19

Class ..... Paper (I) Learning Language Skills (CLE:I) Sem.

Sr. No.	Month	Topics / Practicals to be Completed
		Unit- I Prose
	June	(1) Happy Prince - Oscar Wilde
	July	(2) Good Manners :- J.C. Hill
		(3) The Eyes Are Not Here - R. Bond.
		(4) Forgetting :- R. Lynd
	August	(5) Homecoming :- R. Tagore
		Unit- II Poetry
		(1) One Day I Wrote Her Name :- E. Spenser
		(2) Ode on Solitude :- A. Pope
	September	(3) If - R. Kipling
		(4) My Love Is Like Red Red Rose :- R. Burns.
		(5) Stopping By Woods :- R. Frost.
		Unit- III Grammar
	October	(1) Parts of Speech
		(2) Nouns
		(3) Adjectives
		(4) Pronouns
		(5) Verbs
		(6) Adverbs
		(7) Prepositions
		(8) Conjunctions
		(9) Interjections

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MONTH WISE TEACHING PLAN

Class B.A.I.Y. Paper (I) The Structure of English (CORE:1) Sem-I

Sr. No.	Month	Topics / Practicals to be Completed
		Unit - I Phonetics
	June	(1) Phonetic Symbols
	July	(2) The Articulation of Speech Sounds
		(3) Class of Speech Sounds : Description of Vowels & Sounds
	August	(4) The Syllable
		(5) Pure Vowels and Dipthongs
		The Consonants of English
		Unit- II Grammar
	September	(1) Simple Sentence Pattern : Subject and Predicate, Form and Function
		Basic Pattern, Sentence Pattern
	October	(2) Phrases : Noun Phrase
		Verb Phrase
		Adjective Phrase
		Adverb Phrase
		Prepositional Phrase

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MONTH WISE TEACHING PLAN

Class B.A.I.Y..... Paper (III) Literature in English (Sem. I)

Sr. No.	Month	Topics / Practicals to be Completed
		Unit- I
	June	(A) Drama, Background Study
	July	(1) The Essay - Definition, Origin and kinds
	August	(2) The Epic - Definition, Conventions, Kinds, Epic of Art & Mock Epic
	September	Unit- II Bacon's Essays
		(1) of friendship
		(2) of Love
		(3) of studies
	October	(4) of Revenge
		(5) of Parents and children
		Unit- III Pope's Poem
		The Rape of the Lock

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MONTH WISE TEACHING PLAN

Class B.A. I.Y..... Paper (XI - A) American Literature (Sem. I)

Sr. No.	Month	Topics / Practicals to be Completed
	June	Unit- I Poetry Emily Dickinson
	July	(1) There Came a Wind Like Bugle
		(2) Apparently with No surprise
		(3) They Say That "Time Assuages"
	August	(4) "Hope" is The Thing With Feathers
		(5) The Heart Asks Pleasure First
	September	Unit- II Drama
		The Hairy Ape - O'Neil
	October	Unit- III Fiction
		The Adventures of Huckleberry Finn :- M. Twain

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MONTH WISE TEACHING PLAN

Class ..... Paper (II) Learning Language Skills-I SLET Sem-I

Sr. No.	Month	Topics / Practicals to be Completed
		Unit- I Prose
	December	(1) The Bet :- A. Chekhov
		(2) The Three Questions :- Leo Tolstoy
	January	(3) With The Photographer :- J. Leacock
		(4) National Presudices :- O. Goldsmith
		(5) Playing the English Gentleman :- Gandhi
		Unit- II Poetry
	February	(1) Where The Mind Is Withous Fear :- Tagore
		(2) The Solitary Reper :- Wordsworth
		(3) Ozymandias of Egypt :- P.B. Shelley
		(4) Laugh and Be Merry. Masefield
		(5) The Toys :- Patmore
	March	Unit- III Grammar
		(1) The Tenses
		(2) The Present Perfect & simple Past
		(3) The Past Cont. & Past Perfect
		(4) The Future Tense
		(5) The Uses of Tense

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MONTH WISE TEACHING PLAN

Class B.A. F.Y. Paper (III) The Structure of English sem II

Sr. No.	Month	Topics / Practicals to be Completed
		Unit- III Phonetics
	December	(1) Word Accent in English
	January	(2) Accent and Rhythm in Connected Speech
		(3) Intonation
	February	(4) Phonetic Transcription
		Unit- IV
		(1) Complex Sentences - I
	March	(2) Complex Sentences - II
		(3) Word Formation
		* A Textbook of English Phonetics For Indian Students. : R. Balsubramanian
		* A Course in English Grammar : R.N. Bakshi

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MONTH WISE TEACHING PLAN

Class B.A.S.Y.... Paper (VII) Literature in English 1550-1750 Sem.

Sr. No.	Month	Topics / Practicals to be Completed
	December	Unit-I Background Study
	January	(1) Shakespearean Tragedy: Its Characteristics and Nature
		(2) Features of Victorian Literature (All genre)
	February	Unit-II Browning's Poem Last Ride Together
		Unit-III O' Wilde's Play
	March	Importance of Being Ernest
		Text :-
		(1) A Background to the study of English Literature :- B. Prasad
		(2) A short History of English Literature :- Nayar

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MONTH WISE TEACHING PLAN

Class B.A.T.Y.... Paper (XV-A) American Literature - Sem. II

Sr. No.	Month	Topics / Practicals to be Completed
	December	Unit-I Poetry Robert Frost
	January	(1) Mending Wall
		(2) Road Not Taken
	February	Unit-II Drama
		A Streetcar Named Desire :- T. Williams
	March	Unit-III Fiction
		The Old Man and The Sea E. Hemingway

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DEPARTMENT OF ZOOLOGY

TEACHING PLAN 2018-2019

NAME OF THE FACULTY: DR. ABDAR R.N. **CLASS: B.Sc. I &II Semester**

Months	Topic Taught	Periods
	Paper No. I **I - Semester**	
July	Introduction to animal kingdom, Definition of Zoology, Outline classification Protozoa, Parazoa, Metazoa and Major Phyla.Protozoa : - General characters Plasmodium vivax: - Structure of sporozoite, Life cycle; pathogenecity, Control, Prevention and Treatment of Malaria. Entamoeba histolytica: Structure, Life cycle and Control. Euglena: Morphology and Reproductive system.	12
August	Porifera : - General characters Sycon (Scypha): - Morphology, Different types of cells in sycon, canal system in Porifera. Coelenterata: - General characters Obelia: - Morphology of Obelia colony, Development of Hydra, Polymorphism in coelenterates.	10
September	Helminths : - General characters Fasciola hepatica: - Structure, Life cycle, Pathogenecity & Control Measures Taenia solium: - Structure of scolex, Mature and gravid proglottids, Life cycle, pathogenecity, and control measures.	12
October	Ascaris lumbricoides: - Structure of male & female, Life cycle, Pathogenecity & control measures. 6. Annelida: - General characters Leech: - Morphology, Digestive, Excretory & Reproductive systems.	11
	Paper No. V **II - Semester**	
December	Arthropoda: - General characters Prawn: - Structure, Digestive, Nervous, & Reproductive systems. Cockroach: External Characters, Digestive, Respiratory and Reproductive systems.	12
January	Mollusca: - General characters Pila: - External Characters, Respiratory, Circulatory, Nervous and Reproductive systems 3. Echinodermata : - General characters	10
February	Asterias (Sea Star): - Morphology of oral & aboral view, Water vascular system, Reproductive system including development. General characters and Classification of Protochordata .Amphioxus: - External features, Digestive, Circulatory, Reproductive systems including development.	18
March	Hemichordata: - General characters and affinities Herdmania: - General characters and morphology	05

Signature of Faculty

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DEPARTMENT OF ZOOLOGY

TEACHING PLAN 2018-2019

NAME OF THE FACULTY: DR. ABDAR R.N. **CLASS: B.Sc. III &IV Semester**

Months	Topic Taught	Periods
	Paper No. IX III - Semester	
July	Agnatha: - Out line classification and general characters of cyclostomata. Pisces: - Out line classification and general characters. Scoliodon: - External characters, Digestive system, Respiratory system, Blood Vascular System and Nervous System.	09
August	Amphibia: - Out line classification and general characters. Development of frog: - Fertilization Cleavage Blastula Gastulation and formation of germinal layers. Neotony Parental care in amphibia. Reptilia: - Out line classification and general characters. Calotes:-External features, Respiratory system and Blood vascular system. Poisonous and non- poisonous snakes.	12
September	Aves: - Out line classification and general characters. Columba livia: - External features, Respiratory system, Embryology of chick.-Cleavage Blastula Gastulation and formation of germinal layers and extra embryonic membranes. Flight adaptation in birds. Migration in Birds.	12
October	Mammalia: - Out line classification and general characters. Ratus ratus: - External features, Blood Vascular System, Urino-genital System and Adaptive radiation in mammals. Placentation in Mammals.	12
	Paper No. XIII IV - Semester	
December	Digestion: - Brief Introduction to digestive system. Buccal digestion - salivary secretion and digestion. Gastric digestion - gastric secretion and digestion. Intestinal digestion - Pancreatic secretion, bile juices and digestion in Small intestine, Digestion and absorption in large intestine. Respiration: - Respiratory organs. Breathing mechanism. Respiratory pigments: - Properties and function of respiratory pigments.	12
January	External respiration. Internal respiration. Transport of gases. Circulation: - Working of mammalian heart. Blood and its composition. Mechanism of blood clotting. Excretion:-Structure of kidney. Structure of uriniferous tubules.Urine formation: - Ultra filtration selective, re-absorption and tubular secretion. Counter current multiplier system.	09
February	Nerve Physiology: - Structure of nerve cells and neuron. Neuro transmitters. Synapses: - Ultra structure and function.Muscles Physiology: - Ultra structure of smooth muscle, striated muscles, and cardiac muscles. Muscle contraction. Simple twitch and fatigue	18
March	Reproduction: - Structure of gonads, Gametogenesis. Role of sex hormones in Reproduction. Reproductive cycles – estrous and menstrual cycle	06

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TEACHING PLAN 2018-19

NAME OF THE FACULTY: DR. JADHAV S.S. **CLASS: B.Sc. I &II Semester**

Months	Topic Taught	Periods
	Paper No. II I - Semester	
July	Structure of Prokaryotic Cell, Structure of Eukaryotic Cell, Cell Cycle, Mitosis, Meiosis.	12
August	Structure and function: Endoplasmic Reticulum, Golgi Bodies, Nucleus, Lysosome, Ribosome.	10
September	Mitochondria: Morphology{Ultra Structure and Biogenesis} DNA Structure, Types of RNA, Cytology of Cancer and Types.	10
October	Light Microscope, Phase Contrast Microscope, Electron Microscope, Micro technique, Fixation, Staining	13
	Paper No. VI II - Semester	
December	Definition of Genetics and Variation, Mendel's Law of Heredity, Epitasis, Supplementary gene, Complementary gene. Spontaneous and Induced mutation Coat Colour in Rabbit, ABO Blood group in man, Rh factors	14
January	Definition of Maternal Effect, coiling shell in Snail, Male sterility. Chromosomal aberration {Structure and numerical}, Spontaneous and Induced mutation Co2 sensitivity in Drosophila, Kappa Particles in paramecia Chromosomal theory in sex determination	12
February	Gene balance theory of sex determination. Triploid intersexes and Gynandromorphs in Drosophila, Mutation, Gene Mutation:	14
March	Gene Mutation: Definition and Classification, Chromosomal aberration {structure and numerical}.	05

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TEACHING PLAN 2018-19

NAME OF THE FACULTY: DR. JADHAV S.S. CLASS: B.Sc. III & IV Semester

Months	Topic Taught	Periods
	Paper No. X III Semester	
July	Definition, concept and function of gene, Transcription of gene: - Initiation, elongation and termination. Genetic code: - Concept of codon, properties of genetic code, Translation of gene: - Initiation, elongation and termination.	09
August	Gene Pool., Gene Frequency, Herdy-weinberg's Law, Application of Herdy-weinberg's Law, Human chromosomes, Sex linked inheritance- X and Y Linked, Dizygotic and monozygotic twins, Inborn errors in metabolism: - PKU, Albinism.	12
September	Genetic disorders: - Down's syndrome, Turners' syndrome Klinefelter's syndrome, Use of human genetics in medical science: - Disease diagnosis Gene therapy and DNA finger printing, Microbial Genetics: - Transformation, Conjugation, Transduction.	12
October	Genetic Engineering: - Introduction: - Definition, Concept and significance. Restriction enzymes: - Concept and types. Cloning vectors: - Plasmid, Cosmid, phase. Construction of r-DNA. Application of r-DNA technology	12
	Paper No. XIV IV Semester	
December	Definition, concept and nomenclature, Properties, classification, Mechanism of enzyme action, Factors affecting enzyme action (Temperature, pH, Substrates & Co-enzyme.) Adrenal gland: - Morphology & histological structure, Hormones and their function. Pancreas: - Islets of langarhance- Histological structure Hormones and their function. Carbohydrates: - Definition Classification monosaccharide, disaccharides, oligosaccharides and polysaccharides.	14
January	Metabolism: - Glucogenesis, Gluconeogenesis, Glycolysis, TCA. & oxidative phosphoration. Proteins :- Definition , classification -simple , conjugated and derived proteins, Structure of proteins: - Primary, secondary, tertiary and quartery. Metabolism: - Deamination and transamination Definition, classification, simple, compound and derived lipids. Metabolism: - β oxidation and cholesterol biosynthesis	16
February	Vitamins: - Sources and deficiency. Endocrine system of vertebrates: - Introduction: - Definition of endocrine, Paracrine and Autocrine system. Significance of endocrine and neuro - endocrine system.	10
March	Pituitary gland: - Morphology & histological structure, Hormones and their function. Thyroid gland: - Morphology & histological structure	05

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DEPARTMENT OF ZOOLOGY

TEACHING PLAN 2018-19

NAME OF THE FACULTY: DR. VAIDYA V.V. CLASS: B.Sc. V Semester

Months	Topic Taught	Periods
	Paper No. XVII V Semester	
July	Definition, basic concept, terminology used in ecology. Abiotic environmental factors: Temperature; Concept, temperature fluctuation in different environment. Range of temperature tolerance, effect of temperature on animals, Thermal adaptation. Light-Concept, Light variation in different environment, effect of light on animals. Adaptation to salinity and moisture	10
August	Biotic environmental factors: - Composition: - Definition, types, intraspecific and interspecific composition. Predation: - Definition, characteristics of predation. Commensalisms: - Definition and types with examples. Mutualism: - Definition and example. Parasitism: - Definition and types with examples.	08
September	Population: - Definition and basic concepts, Characteristics of population; Density, Natality, Mortality, Dispersion and Age distribution. Population growth. Population regulation. Community: - Definition, basic concept and types. Structure of community; producer, consumers and decomposers. Characters; ecological niche, diversity, abundance, dominance, ecotone, edge effect. Community succession; example of succession and climax	12
October	Ecosystem: - Definition, concept and types. Components of ecosystem, Dynamics of ecosystem: - primary production, secondary production, food chain, food web, tropic level, energy of flow, ecological pyramids. Brief introduction to major ecosystems: - Marine ecosystem, Pond ecosystem, Forest ecosystem and Desert ecosystem	15
	Paper No. XVII C V Semester	
December	Introduction to Economic entamology. Methods of collection and preservation of insect. Type study of grasshopper- systematic position, external morphology, digestive, nervous, reproductive system including development.	12
January	Insect –orders (general characters) Thysanura Collembella Lepidoptera Diptera Coeloptera Hymenoptera	12
February	House hold and Human insect pest:- Bed bugs, Mosquito, Rat Flea, and House fly, Cockroach, Pediculus. Metamorphosis in insect, types of metamorphosis with example	12
March	Insect Culture (gross study) Apiculture, Sericulture and lac culture	08

Vaidya V.V.

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TEACHING PLAN 2018-19

NAME OF THE FACULTY: DR. VAIDYA V.V. **CLASS: B.Sc. VI Semester**

Months	Topic Taught	Periods
	Paper No. XXI VI Semester	
July	Concept of organic evolution: - Definition and concept. Theories of organic evolution in brief; Preformation theory, Bear's Law, Biogenetic law, catastrophism, Lamarckism, Darwinism and Germplasm theory. Origin of Life: - Definition, Abiogenesis, Biogenesis. Chemical evolution of life. Evidences of Organic Evolution: - Anatomical evidences. ¾ Embryological evidences.	12
August	Darwinism: - Introduction: - Natural selection theory, Artificial selection theory and sexual selection theory. Elemental forces of evolution: - Mutation: - Concept and role in evolution. Recombination: - Concept and role in evolution. ¾ Natural selection: - Concept and role in evolution. Isolation: - Concept and role in evolution. Genetic Drift. : - Concept and role in evolution	12
September	Basic patterns of evolution: - Sequential and divergent evolution. Microevolution: - Concept, silent features and mechanism with example. Macro evolution: - Concept, silent features and mechanism with example. Mega evolution: - Concept, silent features and mechanism with example.	12
October	Species and speciation: - Species: - Morphological concept, Genetical concept, biological concept of species, Speciation: - Definition, concept, mechanism of speciation. Allopatric, Sympatric and Parapatric speciation. Fossils: - Definition, fossil formation, Types of fossils.	10
	Paper No. XXII C VI Semester	
December	Pest Management pest –Definition, types of pest, agricultural, veterinary and medical pest. Study of major crop pest: - Classification, Characters. Jawar-Stem borer, Midge flies	12
January	Cotton- Red cotton bug, pink bollworm Groundnut-White grub, pod sucking bug Sugarcane- Pyrilla, Stem borer. III Study of Stored grain pests: 08 Rice weevil, pulse bettle	12
February	Control measures of insect pest. Methods of control measures-Chemical, Biological, integrated pest management. V migration of insect.	11
March	Insecticides and plant protection appliances like Hand compression spray, Hand rotating duster, bucket pump	10

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Sem I

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MONTH WISE TEACHING PLAN

Class .F.Y.B.Sc. Paper (102) .Ordinary...differential...equ

Sr. No.	Month	Topics / Practicals to be Completed
1.	June	Admission going on...
2.	July	Prerequisite, Intro to ODE
3.	August	Eq^ of first or first deg Linear eq^ with constant & variable coefficient
4.	September	All methods of finding P.I. & Derivation of PDE
5.	October	Doubt solving, PL.

Sem I

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MONTH WISE TEACHING PLAN

Class S.y.B.Sc Paper (301) ..... Number Theory .....

Sr. No.	Month	Topics / Practicals to be Completed
1.	June	Introduction, Division Algo., GCD.
2.	July	Euclidean Algo., Diphontine eq, Fundamental thm. of Arith.
3.	August	Basic properties of ≡, Linear ≡.
4.	September	Fermals thm, Euler's thm,
5.	October	No. theoretic func. some prop. of func, Revision, test, Doubt solving

Sem I

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MONTH WISE TEACHING PLAN

Class S.Y.B.Sc Paper (302) Integral Transform

Sr. No.	Month	Topics / Practicals to be Completed
1.	June	Intro. to β & Γ functi its elementary prop., r bet β & Γ func^n
2.	July	Laplace Transform
3.	August	Convolution thm
4.	September	Inverse Laplace trans -orm, Application to D
5.	October	Fourier Transform, Rivision, Doubt solving P-L.

Sem I

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MONTH WISE TEACHING PLAN

Class T.Y.B.Sc Paper (501) ..... Real Analysis .....

Sr. No.	Month	Topics / Practicals to be Completed
1.	June	Introduction, Sets, operation on set,
2.	July	Functions
3.	August	Sequence of Real Nos.
4.	September	Series of Real Nos. - Jacobians
5.	October	Doubt solving, P.1.

Sem II

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MONTH WISE TEACHING PLAN

Class F.Y.B.Sc Paper (202) Geometry

Sr. No.	Month	Topics / Practicals to be Completed
1.	November	The Plane.
2.	December	Right Cone.
3.	January	Spheres, Cones, Cylinders.
4.	February	central conicoids
5.	March	Exercise, Examples

Sem II

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class S.Y.B.Sc. Paper (401) ....Numerical Methods.....

Sr. No.	Month	Topics / Practicals to be Completed
1.	November	Introduction, solutions of Algebraic & Transcende-ntal Equations
2.	December.	Interpolation
3.	January	Curve Fitting & Approximations, solution of Linear system of eq^n
4.	February	Numerical sol^n to ODE, Revision
5.	March	Test, Test Analysis, Doubt solving, P-L.

Sem II

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MONTH WISE TEACHING PLAN

Class S.Y.B.Sc. Paper (402) ..... P.D.E. .....

Sr. No.	Month	Topics / Practicals to be Completed
1.	November	Prerequisites, Intro
2.	December	PDE of order one linear equations
3.	January	Non linear PDE of Order one.
4.	February	Linear PDE non homogeneous (with constant coefficient), with variable coeffi
5.	March	Rivision, Test, Doubt solving, P.L.

Sem I

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MONTH WISE TEACHING PLAN

Class T.Y.B.Sc. Paper (601) ..... Real Analysis I .....

Sr. No.	Month	Topics / Practicals to be Completed
1.	November	Limits in Metric Spaces
2.	December	Continuous functions on Metric spaces
3.	January	Connectedness, Completeness & compactness, Calculus
4.	February	Fourier Series, Revision
5.	March	Test, Rivision, Doubt solving, P.L.

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Monthly Teaching Plan 2017-2018

Department of Marathi 2017 - 2018

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class S.Y.B.A. Paper (MAR (OP)) "दृक्श्राव्य माध्यमांसाठी लेखन कौशल्ये" प्रश्नपत्र द्वितीय सत्र (Sem. II)

Sr. No.	Month	Topics / Practicals to be Completed
1	डिसेंबर 2017 - 2018	घटक क्र. १ साहित्य प्रकारांतराची संकल्पना व स्वरूप : १.१ साहित्य प्रकारांतर म्हणजे काय ? १.२ साहित्यप्रकारांतर : नवा रचनाबंधाचा शोध १.३ वाङ्मय प्रकारांतराची लेखकाला आवश्यकता.
2	जानेवारी	घटक क्र. २ माध्यम संकल्पना : प्रकार व वैशिष्ट्ये २.१ महत्त्वाची माध्यमे : मुद्रित, श्राव्य व दृक्श्राव्य २.२ माध्यमे व साहित्य यांचा अनुबंध २.३ माध्यमांसाठी साहित्याची आवश्यकता २.४ माध्यम : आधुनिक काळाची गरज
3	फेब्रुवारी	घटक क्र. ३ माध्यमासाठी लेखन : ३.१ मुद्रित माध्यमासाठी लेखन ३.२ श्राव्य माध्यमासाठी लेखन ३.३ दृक - श्राव्य माध्यमासाठी लेखन ३.४ माध्यम लेखनाचे स्वरूप ३.५ माध्यम लेखनाची वैशिष्ट्ये
4	मार्च	घटक क्र. ४ साहित्याचे माध्यमांतर (चित्रपटाच्या संदर्भात) ४.१ मराठी साहित्य व चित्रपट : एक अनुबंध (नटरंग - आनंद यादव)

MONTH WISE TEACHING PLAN

Class S.Y.B.A. Paper (MAR (OP)) दृकश्राव्य माध्यमासाठी लेखनकौशल्ये
प्रथम सत्र (अ. VI) - II

Sr. No.	Month	Topics / Practicals to be Completed
1	जून - जुलै 2017 - 2018	घटक क्र. १ नभोवाणी : १.१ नभोवाणीचे स्वरूप आणि कार्य १.२ नभोवाणी संप्रेषण १.३ नभोवाणीवरील भाषण, चर्चा व मुलाखती १.४ नभोवाणीवरील नाटकीपत्रे १.५ रूपक, श्रुतिका, नभोनाट्य १.६ नभोवाणीच्या जाहिराती.
२.	ऑगस्ट	घटक क्र. २ दूरचित्रवाणी २.१ दूरचित्रवाणी स्वरूप, कार्य व विस्तार २.२ दूरचित्रवाणी लेखन व निर्मिती २.३ दूरचित्रवाणी कार्यक्रमांचे प्रकार २.४ दूरचित्रवाणीवरील जाहिराती.
३.	सप्टेंबर	घटक : ३ संकेतस्थळ ३.१ संकेतस्थळ संकल्पना आणि उपयोजन ३.२ संकेतस्थळांचा परिचय ३.३ संकेतस्थळावर साहित्याविषयक आकांक्षी
४	ऑक्टोबर	घटक : ३ संकेतस्थळ ३.४ ई - डिक्शनरी विश्वकोश.

MONTH WISE TEACHING PLAN

Class S.Y.B.A. Paper (MAR (CSL)) गद्य, पद्य व उपयोजित मराठी सत्र २ रे (Sem. IV)

r. No.	Month	Topics / Practicals to be Completed
		२. संगणकाची वैशिष्ट्ये : अचूकता, प्रचंड वेग, कामाची सातत्यता, माहितीचे संक्रमण, साठवीकरण, कामाची विविधता, स्वविचारक्षमता नाही.
३	फेब्रुवारी	३. काहूर - अंजली भयवाल - धानोरकर, लेखिकेचा परिचय, प्रस्तुत लेख 'मनतरंग' या वैचारिक पुस्तकातील आहे. त्यातले वेगळेपण, विशेषत: मुलांच्या समस्या प्रस्तुत लेखामध्ये मांडलेल्या आहेत.
		४ गायराज - एकनाथ पिलारे, प्रसिद्ध आफ्रिकन कथाकार, आफ्रिकन कथेतून शेरकरी जीवनाची दैन्यावस्था, दुःख, दारिद्र्य यांचे वास्तव केलेले चित्रण, शेरकरी व त्याचा जीवन संघर्ष यांच्या कथेच्या केंद्रस्थानी आहे.
		४ जागते (कविता) - शिवाजी सरगर
		५. काळसुरी वाहती - आरती रेवडकर
		३. मराठी समाजजीवनात संगणकाचा प्रभाव : सामाजिक धोरणाचे मार्गदर्शन, नैसर्गिक आपत्तीचे पूर्वकथन, चिकित्सेच्या मार्गदर्शन, हवामानाचा अंदाज वैज्ञानिक संशोधन, साहित्य क्षेत्रातील उपयोग, अंतरतंत्र संशोधनाचे नियोजन.
४	मार्च	५ ब्लॉक - ब्लॉगचा अर्थ, विशेष, ब्लॉगचे प्रकार वि. ब्लॉग तयार ४. इंटरनेट : स्वरूप व तत्त्वप्रणाली.

MONTH WISE TEACHING PLAN

Class S.Y.B.A. Paper (MAR (SL)) गद्य, पद्य व उपयोजित मराठी सत्र दुसरे (सेम. II)

Sr. No.	Month	Topics / Practicals to be Completed
1	डिसेंबर 2017 - 2018	१. चिपाड - अंबादास केदार ग्रामीण कथाकार. प्रस्तुत कथा 'चिपाड' या कथा-संग्रहातील आहे. या कथेत ऊस पिकविणाऱ्या शेतकऱ्यांची करुण कहाणी लेखकाने चित्रित केली आहे.
		१. गर्भाशयात असताना - म. मो. जोशी
		१. संगणक क्षेत्रातील संकल्पना : स्थूल परिचय, सॉफ्टवेयर, हार्डवेअर, विंडोज, फाईल, फोल्डर, डाय, संगणकाची कौशल्ये, भारतीय समाजावरील संगणकाचा प्रभाव.
2.	जानेवारी	२. मिरगी पेर - विजय जावळे, कवीचा परिचय, 'मिरगीपेर', 'आरखणी', 'रितंगान' हे त्यांचे तीन कथासंग्रह. प्रस्तुत कथेत गुंगाबद्दलने जसे सांगितले जाते असते तसे या कथेतील माणसांचे सांगितले जाते आहेत.
		२. आवा - शिवाजी पाटील
		३. पाचटाच्या गुंडुरखाले - कल्पना दुधाळ कवयित्रीचा परिचय, कल्पना दुधाळ यांच्या काव्याचे स्वरूप व वैशिष्ट्ये, ऊसतोड कामगारांचे जीवन प्रस्तुत कवितेतून चित्रित केले आहे.

MONTH WISE TEACHING PLAN

Class S.Y.B.A. Paper (MAR (SEC)) (साहित्यप्रकार) सत्र प्रथम (सत्र पूर्व)

Sr. No.	Month	Topics / Practicals to be Completed
3.	ऑगस्ट	• मरणानं डाव साधला, नशिबानं हात दिला! सौ. सिंधुताई सपकाळ. सिंधुताई सपकाळ यांचा जीवन परिचय, अनाथ मुलांसाठी केलेले सामाजिक कार्य, 'मी वनवासी' हे आत्मचरित्र प्रसिद्ध. त्यांच्या जीवनातील विविध अनुभव, आदिवासी-साठी केलेले सामाजिक कार्य. ३. साऱ्या घरालाच लागली वाळवी - प्रदीप पाटील. प्रदीप पाटील यांचा परिचय, त्यांच्या काव्याचे स्वरूप, त्यातील आशय, काव्यातील वैशिष्ट्ये. 'आत्मसंवाद' आणि 'अंतरीचा भेद' हे काव्यसंग्रह प्रसिद्ध. प्रस्तुत कवितेत शेतकऱ्याची दयनीय व विदारक स्थितीचे चित्रण कवीने केले आहे. २. आकाशवाणी प्रसारमाध्यम : लेखनतंत्र व उपयोजन. आकाशवाणी प्रसार माध्यमाचे स्वरूप, बातमी, मुलाखत, नभोनाट्य, संवाद, भाषण, मुलाखत इत्यादी.
४	सप्टेंबर	४. लोकराजे मा. खा. पवारसाहेब - प्रा. लक्ष्मण ढोबळे, पवारसाहेबांचे राजकीय कर्तृत्वावर चर्चा. ५. वही - सुरेश पाटील (पद्यविभाग) ४. कुणबी अपमाझा - अनिल गव्हाणे, बिरसा मुंडा - आबाराव सडावी, अरुंद दारातून डॉ. संजीवनी तडेगावकर
५	ऑक्टोबर	पुस्तक परिचय : तंत्र व स्वरूप ४ जनसंयोजन : तंत्र व स्वरूप

MONTH WISE TEACHING PLAN 2017 - 2018

Class ..S.Y.B.A.. Paper (MAR (SL)) शास्त्र, पद्य व उपयोजित मराठी (साहित्यधारा) प्रथम सत्र (Sem. II)

Sr. No.	Month	Topics / Practicals to be Completed
1	जून 2017 - 2018	१. छत्रपती शिवाजी महाराजांच्या कार्याचे स्वरूप - प्र. न. देशपांडे लेखकाचा परिचय, प्रास्ताविक, छत्रपती शिवरायांच्या कार्याचे स्वरूप, स्वराज्या-विषयक धोरण. घटक क्र. ३ परिभाषा : तंत्र व स्वरूप, उपयोजन. परिभाषा स्वरूप व वैशिष्ट्ये. परिभाषेची आवश्यकता, शासन व्यवहारातील परिभाषा, विज्ञानाची परिभाषा, कार्यालयीन परिभाषा, वाङ्मयीन परिभाषा इत्यादी परिचय व उपयोजन.
2.	जुलै	२. लोकसंस्कृती आणि जागतिकीकरण डॉ. द. ता. भोसले. लोकसंस्कृती व समाज, लोकजीवन व लोकसंस्कृती, लोकसंस्कृती व लोकपरंपरा, लोकरूढी, सण-उत्सव इत्यादी घटकांवर चर्चा. १. निष्कर्ष - डॉ. सुहासिनी इर्लेकर कवयित्रीचा परिचय, त्यांच्या काव्याचे स्वरूप व वैशिष्ट्ये, कवितेचा आशय. २. आकाश एवढा - सदानंद रेगे कवीचा थोडक्यात परिचय, संत तुकारामांचे आकाश एवढे महत्व.

MONTH WISE TEACHING PLAN

Class F.Y.B.A. Paper (MAR (SEC)) ललित पद्य व उपयोजित मराठी" (Sem. II)

Sr. No.	Month	Topics / Practicals to be Completed
३.	फेब्रुवारी	ठिणगी - रामराव चुंजारे भूक - महादेव गायकवाड रामराव चुंजारे यांचा परिचय, त्यांचे 'बॉयकाट' 'काळ्या मायेची कहाणी' हे दोन कथासंग्रह प्रसिद्ध 'जलजन्नेरी' ही कादंबरी प्रकाशित. त्यांच्या कथा वाङ्मयाचे स्वरूप व वैशिष्ट्ये. कथांचे वाङ्मयीन गुणविशेष. या प्रस्तुत कथेत व्यक्तिंविरुद्ध होणाऱ्या अन्यायाचे चित्रण मोठे मर्मभेदक आहे. आशय, व्यक्तिरेखा, वाङ्मयीन मूल्ये इ. बाबत चर्चा. महादेव गायकवाड यांचा ओडक्यात परिचय, 'शिक्षणवारा' हा त्यांचा काव्यसंग्रह प्रसिद्ध. 'हरवड' कथासंग्रह, तर 'लंगाई' हे आत्मकथन प्रसिद्ध आहे. प्रस्तुत पाठात लेखकाला जीवनात आलेल्या विविध अनुभवांचे कथन आहे. गुणवत्तेचा निकष - संभाजी सावंतकर ग्लोबल मेंदीची नक्षी - अजीम राही बाप - संजय आधाव.
४.	मार्च	काय प्रेम असतं - प्रतीक्षा गायकवाड प्रतीक्षा गायकवाड यांचा परिचय, त्यांच्या काव्य-लेखनाची वैशिष्ट्ये व स्वरूप, स्त्रीवादी साहित्यप्रवाहात योगदान. प्रेम कवितेतील आशय, काव्यातील अलंकार इ. चर्चा. • आशांतर (उपयोजित मराठी) आशांतराची ओळख व स्वरूप, आशांतराचे प्रकार, आशांतराचे महत्व.

MONTH WISE TEACHING PLAN 2017-2018

Class F.Y.B.A. Paper (MAR (SL)) गद्य, पद्य व उपयोजित मराठी (Sem-II)

Sr. No.	Month	Topics / Practicals to be Completed
1	डिसेंबर 2017-2018	शेवरचे कीर्तन - संत गाडगेबाबा संत गाडगेबाबाचा जीवनपरिचय, समाजसुधारक, लोकशिक्षक भूमिका, समाजातील अंधश्रद्धा, अनिष्ट रूढी यांना विरोध, कीर्तनाच्या माध्यमातून सर्वसामान्यांना प्रबोधन, उपदेश व लोकजागृती, स्वच्छतेचा मूलमंत्र देणारे महान राष्ट्रीय संत. देशाचे भवितव्य - डॉ. बाबासाहेब आंबेडकर डॉ. बाबासाहेब आंबेडकरांचा परिचय, शोषित, दलित, वंचितांसाठी कार्य, भारतीय राज्यघटनेचे शिल्पकार, देशाचे भवितव्य घडे करण्याचे आंतरिक तळमळ. कुर्यांबिन - म. ज्योतिबा फुले (पद्य) निर्झरास - बालकवी जय महाराष्ट्र गीत - सुरेश भट आई - कवी ग्रेस • विरामचिन्हे (उपयोजित मराठी)
2	जानेवारी	लोकभाषा हीच ज्ञानभाषा - अशोकराव मळाणे कोवळे मरण - भालचंद्र जेमाडे गिरोबा - वीरधवल परब मल्टी कुटा कुटीया सिंग खपाटपा - अरुण काळे बिरसा मुंडा - शुभंग मेश्राम • भाषांतर (उपयोजित मराठी)

MONTH WISE TEACHING PLAN

Class F.Y.B.A. Paper (MAR (SL)) ग्राम. पद्य व उपयोजित मराठी प्रथम सत्र (I sem)

Sr. No.	Month	Topics / Practicals to be Completed
३.	सप्टेंबर	शिवाऊ आमची सून आली - दत्ताजी वाघे नवीन सुगंधी सदाचाराचे बागा - ताराबाई शिंदे. ताराबाई शिंदे यांचा परिचय 'स्त्री-पुरुष तुलना' या पुस्तकातील उतारा. ताराबाई शिंदे यांचे स्त्रीवादी साहित्यसंदर्भात महत्त्वाची भूमिका. परखड विचारशैली. स्त्रीवादी साहित्याचा पाया घातला. • विरामचिन्हे (व्याकरण) विरामचिन्हांचे दोन प्रकार १) अर्थबोधक (२) विरामबोधक. विरामचिन्हांचे एकूण १२ प्रकार आहेत. विरामचिन्हे आधीत महत्त्वाचे कार्य मान करा रे प्रसन्न - संत तुकाराम: संत साहित्याचे स्वरूप. संत तुकारामाचा परिचय व वारकरी संप्रदायातील योगदान. अभंगांचे स्वरूप.
४	ऑक्टोबर	अ) परमेश्वराचे अवितव्य ! श्री. म. माटे श्री म माटे यांचे मराठी साहित्याला लाभलेले योगदान. त्यांचा साहित्यिक प्रवासाचा परिचय. तुझ्या प्रीतीचे • होनाजी बाळा. होनाजी बाळा यांच्या लावण्या प्रसिद्ध आहेत. शाहिरी वाङ्मयात त्यांचे योगदान मोठे आहे. सत्यागृही वक्तव्य (अनु वचने) जयदेवी पिंगळे • आर्थांतर (उपयोजित मराठी) स्वरूप व स्वरूप

MONTH WISE TEACHING PLAN 2017-2018

Class ...F.Y.B.A. Paper (MAR (SL)) ...गद्य पद्य व उपयोजित मराठी प्रथम सत्र (I sem)...

Sr. No.	Month	Topics / Practicals to be Completed
1	जुलै 2017-2018	सप्रीव रक्षण - महाईंभट लेखक परिचय, प्रास्ताविक, महाईंभटाचे महानुभाव साहित्यातील योगदान, चक्रधर स्वामी चरित्राचा पट्यमर्श • उपयोजित मराठी १) लेखन विषयक नियम • धुर्वी भाती रत्न - मुकुंदराज (पद्य) • कुंभिक भूमिवरी उगवली तुळशी - संत ज्ञानदेव. संत ज्ञानदेवांचे वारकरी संप्रदायातील योगदान, 'नाचू कीर्तनाचया रंगी। ज्ञानदीप लावू जगी' कीर्तन परंपरेचा प्रारंभ.
2	ऑगस्ट	अर्जदास्त - संत एकनाथ, संत एकनाथांचा थोडक्यात परिचय, संत एकनाथांची लोकाभिमुख भूमिका, अर्जदास्त लेखनाचे स्वरूप, लेखनशैली, भाषाशैली, तत्कालीन परिस्थिती, अर्जदास्तचे वाङ्मयीन गुणविशेष. • राजाची कर्तव्ये - रामचंद्रपंत अमात्य, रामचंद्रपंत अमात्य यांचा परिचय, राजाची विविध कर्तव्ये यावर चर्चा. • पत्रलेखन (कौटुंबिक व कार्यालयीन) आनंदे वोलिया - संत निर्मळा (पद्य) आसा बांधोनी मराठिया - पदर पसरुन जातीभेद खुडकर्म - रामानंद स्वामी

Dr. GARJE A. L. **PERSONAL TIME TABLE = 2017 - 2018**

Period No.	Time	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	8.30 to 9.20 am B.A. I					Mar (SL) B.A. II	Marathi (SL) B.A. I
2	9.20 to 10.10 am B.A. I B.A. II	Mar (SL)	Mar (SL)	Mar (SL)	Mar (SL)	Mar (SL)	Mar (SL)
3	10.10 to 11 am BSC II	Mar (SL)	Mar (SL)	Mar (SL)	Mar (SL)	–	–
4	11.00 to 11.50 am B.A. II	Mar (CP)	Mar (CP)	Mar (CP)			
5	1.30 to 2.20 pm B.A. II	B.A. Mar (CP)					
6	1.30 to 2.20 pm	–	–	Marathi (SP)	Marathi (SP)	Marathi (SP)	Marathi (SP)
7							
8							
9							
10							

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN 2017-18

Class T. Y. B. A. Paper (MAR (OP-X)) आधुनिक भाषा विज्ञान सत्र - V Sem. V

Sr. No.	Month	Topics / Practicals to be Completed
1	जून 2017 - 2018	घटक क्र. १ क्षेत्राचे स्वरूप १.१ क्षेत्राच्या विविध व्याख्या, उद्देश, समज गैरसमज. भाषा : एक संकेतप्रणाली
2	जुलै	घटक क्र. २ स्वन व स्वनिमविचार २.१ स्वनविचार, स्वनाचे स्वरूप, स्वन-निर्मिती प्रक्रिया, स्वनांचे वर्गीकरण
३	ऑगस्ट	घटक क्र. ३ स्वनिमविचार ३.१ स्वनिम संकल्पना, स्वनिम निश्चितीची तत्त्वे, स्वनांत्रे प्रकार.
४	सप्टेंबर	घटक क्र. ४ रुपिम आणि पदविचार ४.१ आर्थिक रूप, आणि रुपिका, रुपिका आणि शब्द यातील फरक, रुपिका-रुपिम-रुपिमांतर
५.	ऑक्टोबर	घटक क्र. ५ प्रक्षेत्रभाषा व बोलीभाषा
	अभ्यासपत्रिका-XIV	व्याकरण व निबंध (सत्र VI)
१	डिसेंबर	घटक क्र. १ शब्दांच्या जाती व शब्दसंग्रह
२	जानेवारी	घटक - क्र. २ संधी विचार घटक क्र. ३ समास अव्ययीभाव समास, तत्पुरुष समास, द्वंद्व समास, बहुव्रीही समास.
३	फेब्रुवारी	घटक क्र. ४ अलंकार १) शब्दालंकार २) अर्थालंकार
४	मार्च	घटक क्र. ५ निबंध (वाङ्मयीन व वैचारिक)

2017-2018

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kad

MONTH WISE TEACHING PLAN

Class S.Y.B.Com. Paper (SL) मराठी भाषा व वाणिज्य व्यवहार

Sr. No.	Month	Topics / Practicals to be Completed
	जून →	भाषा व भाषा शिक्षण भाषा म्हणजे काय ? स्वरूप, कार्य, विविध रूप
	जुलै	व्यापार - व्यवहारातील वाचन - संस्कृतीचे महत्व उद्योगमित्र, उद्योगवर्धक
	ऑगस्ट →	पत्रलेखन → तंत्र व स्वरूप - भाषण व्यावसायिक कार्यालयीन वाणिज्यविषयक पत्रव्यवहार
	सप्टेंबर →	प्रशासनिक विकासात मराठी भाषेचे महत्व मराठी भाषा व हिंदी इंग्रजी व इतर भाषा
	ऑक्टोबर	निबंध - लेखन अर्थ व स्वरूप

2017-2018

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class T.Y.B.A. Paper (III) द्वितीय सत्र (पाश्चात्य साहित्यविचार)

Sr. No.	Month	Topics / Practicals to be Completed
	नोव्हेंबर 2017-2018	साहित्याचे स्वरूप लक्षण - २ स्कीन कोलरीज लक्षण → कल्पना, भावना, बुद्धी
	डिसेंबर →	साहित्याचे प्रयोजने → फलप्राप्तवाद, स्वयंरंजन, शिवतापूर्ती
	जानेवारी →	साहित्यनिर्मिती प्रक्रिया. फ्राईड, कोलरीज, इलियट, मरे
	फेब्रुवारी →	मार्क्सवादी साहित्यविचार कार्ल - मार्क्स समाजवादी - वास्तववाद सामाजिक बांधिलकी
	मार्च	समीक्षा पद्धती ऐतिहासिक समीक्षा पद्धती मार्क्सवादी समीक्षा पद्धती

2017-2018

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class T.Y.B.A. Paper (IX) पहिला पेपर (भारतीय साहित्यविचार)

Sr. No.	Month	Topics / Practicals to be Completed
	जून -> [2017-2018]	साहित्याचे स्वरूप - व्याख्या - आत्मा ईडी वामन लक्षण -> अलंकार वक्रोक्ती - रीती ध्वनी रस
	जुलै	साहित्याचे प्रयोजन आत्मा ईडी भरतमुनी ममटाचा प्रयोजन विचार
	ऑगस्ट ->	साहित्याची निर्मितीप्रक्रिया प्रतिभा व्युत्पन्नता अभ्यास
	सप्टेंबर	रसविचार भरताचे रससूत्र अनुमितीवाद श्रीशुंकुक अनुभाव रससंख्या रसविकल्प
	ऑक्टोबर ->	शब्दशक्ती अर्थविचार अभिधा लक्षणा लक्षणा अर्थविचार साहित्य व संस्कृती - परस्परसंबंध

2017-2018

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class F.Y.B.A. Paper (op-II) द्वितीय सत्र (सुधारित माध्यमासाठी)

Sr. No.	Month	Topics / Practicals to be Completed
	नोव्हेंबर	यातना उत्सव - दलित जीवनातील समस्या
	डिसेंबर -	कुलपत्राचे स्वरूप व महत्व
	जानेवारी	वातमीलेखन म्हणजे काय ? वातमीचे प्रकार वातमीतंत्र - महत्व, संकलेखन
	फेब्रुवारी	मुलाखत - तंत्र व लेखनाची दक्षता महत्व संवादलेखन - तंत्र अनुवाद - तंत्र, स्वरूप, जाहिरातलेखन
	मार्च	वाचकांची पत्रे वाचक व वर्तमानपत्र - नातेसंबंध

2017-2018

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class F.Y.B.A. Paper (01-II) पत्रलेखन (नाट्यात्म पत्रलेखन)

Sr. No.	Month	Topics / Practicals to be Completed
	जुलै [2017-2018]	(1) फाटलेला पतंग (2) चिंगी गोष्टीची गोष्ट सांगते (शंकर दिवाकर) पार्श्वभूमी जीवन व वाङ्मय परंपरा कथानक
	ऑगस्ट	उपरा - लक्ष्मण माने - सारांश, वैशिष्ट्ये दृश्यात्म संवादाचे नाट्य व चित्रण
	सप्टेंबर	मुलगी झाली हो - ज्योती म्हापसेकर दलित आत्मकथा आधारित
	ऑक्टोबर →	आत्मकथा उत्पत्ती - वाङ्मय प्रकार दलित आत्मकथा - वैशिष्ट्ये मराठी कथा.

2017 - 2018

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class SY.B.Sc Paper (SL) द्वितीय सत्र (साहित्यधारा)

Sr. No.	Month	Topics / Practicals to be Completed
	डिसेंबर →	चिपाड → अंगदास केदार पंचगीपेर → विजय जाधवे संगणक → सेमातील रांगत्यना - परिचय लाइट → अंजली पवार
	जानेवारी →	मराठी समाजावरील संगणकाचा प्रभाव लोकसंख्या वाढीचे मार्गदर्शन निवडणूक मतदानसेत्र हवामानाचा अंदाज वेधनिक संशोधन - अंतरजाल संशोधनाचे नियोजन साहित्य - सेमातील उपयोग.
	फेब्रुवारी →	मूक - उमेश मोहिते गर्भाशयात असताना → म. यो. जोशी आवा → शिवाजी मुरलीधर पाटील पाचदाच्या मुलभूतांचे - कल्पना दुधाळ हिशोब पुस्तका लेखा - वि. सो. वराट.
	मार्च →	गावरान - पुष्पलता शिवलाल इंटरनेट → स्वरूप व कार्यप्रणाली अर्थ वाचवा.

2017-2018

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class S.Y.B.Sc Paper (SL) पत्रिव्यवहार (आदिवासी)

Sr. No.	Month	Topics / Practicals to be Completed
	जून ४	छ. शिवाजी महाराजांच्या कार्याचे स्वरूप प्र. न. देशपांडे
	जुलै	लोकसंस्कृती व जागतिकरण - डॉ. कुंदा भोळवे निष्कर्ष → पुढारलेली इकेकर मरणान डाव साधको - नाथीबाई हात दिला - डॉ. सिंधुताई सपकाळ
	ऑगस्ट →	आकाशाचुंबक → रविंद्रनाथ टागोर स्वप्न वास्तव्य यांची वाळवी - पद्मा पाटील कुणबी मस्ता → अनिल गव्हाण वही - सुरेश पाटील
	सप्टेंबर	लोकराज्य मा स्वा. पवार सादेव अलंड धारातून बाहेर पडताना → प्र. ल. मेमन दोसके वीरता → बाबाराव मडेवी परिक्षण → तंत्र स्वरूप उपयोजन आकाशवाणी - प्रसारमाध्यम - तंत्रज्ञान व उपयोजन पुस्तक परिचय → तंत्र स्वरूप वाङ्मय तंत्रज्ञान प्रसाराचा परिचय कथा - कादंबरी, कविता, चरित्र, आत्मवृत्त
	ऑक्टोबर →	प्रसारणी योजन - तंत्र व स्वरूप
	नोव्हेंबर →	प्रसारणी योजन महत्व - धरण शेती पिकासाठी, शेतीसाठी पाण्याचे महत्व

2017 - 2018

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class F.Y.B.Sc. Paper (SL) द्वितीय भाषा (आंतरभारती)

Sr. No.	Month	Topics / Practicals to be Completed
	डिसेंबर [2017 - 2018]	शेवटचे किर्तन → संत गाडगेबाबा देशाचे अमृतत्व → डॉ. बाबासाहेब आंबेडकर कुर्बानी → म. फुले निर्झराचे → बालकवी नवमहाराष्ट्र गीत - सुरेश भट
	जानेवारी	आई - कवी - ग्रेस शिरोधा → वीरधवल परब. लोकभाषा बोधज्ञानभाषा → यशवंतराव चव्हाण. कोकण प्रदेश - आत्मचंद्र नेमाडे हिणगी → रामराव चव्हाण मूक → महादेव गायकवाड हिजगी → रामराव चव्हाण
	फेब्रुवारी -	विरला मुंडा → गुंजाळ येशुमय गुलामगिरीचा निकष → संभाजी सावळकर ज्वालामुखीची नदी → अजीज नदाफ काय → रंगनाथ आठवले.
	मार्च	संवाद लेखन - स्वरूप व कौशल्ये - अहवाल - लेखन म्हणजे काय ? स्वरूप व उद्देश जाहिरात लेखन म्हणजे काय ? जाहिरातीचे स्वरूप व विविध माध्यमासाठी जाहिरातीचे स्वरूप

2017-2018

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class F.Y.B.Sc Paper (SL) पश्चिम रत्न (आधुनिक)

Sr. No.	Month	Topics / Practicals to be Completed
	जुलै [2017-2018]	शरीफ - रसण - महाईसर आर्द्र दूत → संत तुकाराम पुढी आतील रत्न → मुकुंदराज
	ऑगस्ट	राजाची कर्तव्ये - रामचंद्र अमात्य कुरघळ ग्रामीकरी उगवती तुकाराम - आनंद लहरीया → संत निमिका ~~स्वातंत्र्यसंग्रामातील स्त्रिया~~ - ग्रामदेवी तिलांजली
	~~ऑगस्ट~~ सप्टेंबर	निमित्त, आमची दून इतिहास - इलाकी तुम्ही चरित्रकार वाचा → ताराबाई शिंदे आत्मा बंधोनिया मराठीचा - फाइल लोकनायक स्टीफनसन
	ऑक्टोबर	परमेश्वराचे अवितत्व - श्री म माटे पूर्वजांची दिशा - संत ज्ञानेश्वर, ~~शांतिब्रह्म कुलधर्म कुलदैवत~~ मूक नायक रामानंद स्वामी
	नोव्हेंबर →	लेखन - विषय नियम पत्रलेखन → कौटुंबीक कार्यालयीन ~~विरामचिन्हे~~ ~~अवतरण~~ आलंकारिक

Dept of Marathi
Smt. S.K. Bombe S.D.

PERSONAL TIME TABLE [2019-2018]

Period No.	Time	Class	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	8.30 to 9.20	S.Y.B.Com / T.Y.B.A	Marr-IX-XIII	Marr-IX-XIII	Marr-IX-XIII	Marr-IX-XIII	Marr-SL	Marr-SL
2	10.10 to 11.00	T.Y.B.A	—	—	—	Marr-OP XI-XV	Marr-OP XI-XV	Marr-OP XI-XV
3	11.00 to 11.50	F.Y.B.A.	Marr-OP II	Marr-OP II	Marr-OP II	—	—	—
4	12.40 to 1.30	F.Y.B.A	—	Marr-OP II	—	—	—	—
5	12.40 to 1.30	F.Y.B.Sc	—	—	Marr-SL	Marr-SL	Marr-SL	Marr-SL
6	1.30 to 2.20	S.Y.B.Com	Marr-SL	Marr-SL	—	—	—	—
7								
8								
9								
10								

2017-2018.

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class SYBCom Paper (S) व्यावहारिक व मराठी व वाणिज्य व्यापार

Sr. No.	Month	Topics / Practicals to be Completed
	नोव्हेंबर	कार्यालयीन लेखन तंत्र तंत्र, स्वरूप इमेल लेखन इतिवृत्त
	डिसेंबर	अनुवाद तंत्र व स्वरूप व्याख्या कार्यालयीन अनुवाद - कायदे विषयक पारिभाषिक शब्दांचा अनुवाद.
	जानेवारी	वाणिज्य व्यवसाय व माध्यम जनसंपर्क माध्यम - व्याख्या व स्वरूप
	फेब्रुवारी	वाणिज्य व ~~व्यापार~~ व्यापारासी संबंधित साधन
	मार्च -	व्यापाराला मदत करणारी साधने बँका, विमा, वाहतूक व्यवहारातील कार्यालय

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MONTH WISE TEACHING PLAN

Class T.Y.B.A. Paper (~~CP~~ XV) मध्ययुगीन मराठी वाङ्मयाचा इतिहास

Sr. No.	Month	Topics / Practicals to be Completed
(1)	जुन	मराठी आरंभकाळ व मुकुंदराज
(2)	जुलै	महानुभव पंथ व त्यांचे वाङ्मयीन कार्य
(3)	ऑगस्ट	वारकरी संप्रदाय व त्यांचे वाङ्मयीन कार्य.
(4)	सप्टेंबर	बहमनी कालीन मराठी साहित्य.
5)	ऑक्टोबर	संत तुकाराम आणि संत ज्ञानेश्वर
(6)	नोव्हेंबर	पंडिती साहित्याची ओळख कवन देणे.
(7)	डिसेंबर	पंडिती साहित्य प्रेरणा स्वरूप व वैशिष्ट्ये

MONTH WISE TEACHING PLAN

Class S.Y.B.A. Paper (I, II) आधुनिक मराठी वाङ्मयाचा इतिहास

Sr. No.	Month	Topics / Practicals to be Completed
1	जून	इ.स. 1800 ते इ.स. 1874 या कालखंडातील सामाजिक व सांस्कृतिक पार्श्वभूमी
2	जुलै	निबंध स्वरूप विशेष
3	ऑगस्ट	कथा वाङ्मयाचे स्वरूप विशेष
4	सप्टेंबर	कादंबरी वाङ्मय
5	ऑक्टोबर	कादंबरी वाङ्मय विशेष
6	नोव्हेंबर	नाट्य वाङ्मयाचे स्वरूप विशेष
7	डिसेंबर	काव्य वाङ्मयाचे स्वरूप विशेष
8	जानेवारी	काव्य वाङ्मयाचे स्वरूप विशेष
9	फेब्रुवारी	चरित्र वाङ्मयाचे स्वरूप विशेष
10	मार्च.	आत्मचरित्र वाङ्मयाचे स्वरूप विशेष

MONTH WISE TEACHING PLAN

Class F.Y. B.A. Paper (I, II, III) काव्यात्म साहित्य आणि व्यावसायिक

Sr. No.	Month	Topics / Practicals to be Completed
1	जुलै	केशवसुत यांच्या निवडक कविता
2	ऑगस्ट	कुसुमाग्रज यांच्या कविता
3	सप्टेंबर	नारायण सुर्वे यांच्या कविता
4	ऑक्टोबर	नामदेव ढसाळ यांच्या निवडक कविता
5	नोव्हेंबर	सत्त्या पावसाळ्यातील एक रात्र.
6	डिसेंबर	ओबामा, अतरंगाचे रत्नदीप, नदीकाठचा प्रकार.
7	जानेवारी	आपण माणसात जमा नाही, चोळी आणा.
8	फेब्रुवारी	गांधीजी 2001, कैफी.
9	मार्च	तीन पायली दान.

MONTH WISE TEACHING PLAN

Class F.Y. B.COM Paper (SL) राज्य - पद्य व उपयोजित मराठी

Sr. No.	Month	Topics / Practicals to be Completed
1	जुलै	समीक्षा स्वरूप, आर्जवेसन, धुकी आतील रत्न, आनंद ओघिया, रातीची कर्तव्य
2	ऑगष्ट	डिजाऊ आमची सून झाली, पूर्वभाग्यादिशा तुम्ही सदाचरणाने वागा, पाडसदेवा.
3	सप्टेंबर	ऐसे केलेया गोपाळे, कुळकर्ण गुणसी मुक्त नाही रे, कुशल भूमीवरी उगवली तुलसी मन करा रे प्रसन्न
4	ऑक्टोबर	लेखन विषयक नियम, विराम चिन्हे, तुरुंगा पुतीचे सत्याग्रही व्यसव.
5	नोव्हेंबर	आंतर
6	डिसेंबर	निर्सिरास, नवमहाराष्ट्र गीत, देशाचे अर्थतत्व कुलवीन, शेवटचे किरण
7	जानेवारी	लोकमाता हिच ज्ञानभाषा, कोवळे मरण गिरोबा, आई, भूक, बाप.
8	फेब्रुवारी	मल्हीलुचा लुटीचा सिंग लघालपू शेवादलेखन. गुणवत्तेचे निकष, बीरसा मुंडा. घोलवाक्य, जाहिरात.
9	मार्च	काम असत प्रेम ग्लोबल मंदीची नशा ढिगी अहवाल लेखन

Name: Mrs. D. B. Mandhare/PERSONAL TIME TABLE 2017-2018

Period No.	Time	CLASS	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	8.30 to 9.20	FY BCom	mar (SL)	mar (SL)	mar (SL)	mar (SL)	-	-
2	10.10 to 11.00	BA III	mar(cp) XI, XV	mar(cp) XI, XV	mar(cp) XI XV	-	-	-
3	11.00 to 11.50	BA I	-	-	-	mar(cp) I, III	mar(cp) I, III	mar(cp) I, III
4	11.50 to 12.40	BA II	-	-	-	mar(cp) V, VII	mar(cp) V, VII	mar(cp) V, VII
5	12.40 to 1.30	BA I	mar(cp) I, III	-	-	-	-	-
6	12.40 to 1.30	BA III	-	-	mar(cp) XI, XV.	-	-	-
7	1.30 to 2.20	BA II,	-	mar(cp V, VII	-	-	-	-
8								
9								
10								

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MONTH WISE TEACHING PLAN

Class T.Y.B.A. Paper (CP XI XV) मराठी वाङ्मयाचा इतिहास

Sr. No.	Month	Topics / Practicals to be Completed
5	जानेवारी	शाहिरी वाङ्मय प्रेरणा व स्वरूप, वैशिष्ट्ये.
9	फेब्रुवारी	बखर वाङ्मय प्रेरणा व स्वरूप वैशिष्ट्ये.
12	मार्च	पेशवेकालीन बखरीचा परिचय करून देणे.

Department of Hindi 2017 - 2018

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class B.A. III Paper (VII, VIII) प्रयोजनमूलक हिन्दी भाग I, II

Sr. No.	Month	Topics / Practicals to be Completed
1.	June	हिन्दी भाषा: स्वरूप एवं विकास
2.	July	हिन्दी भाषा: स्वरूप एवं विकास
3.	August	हिन्दी भाषा तथा मानकीकरण
4.	September	देवनागरी लिपि: उद्भव और विकास
5.	October	प्रयोजनमूलक हिन्दी: स्वरूप एवं प्रयुक्तियाँ
6.	November	पारिभाषिक शब्दावली
7.	December	राजभाषा हिन्दी
8.	January	प्रयोजनमूलक हिन्दी: लेखन
9.	February	प्रयोजनमूलक अनुवाद
10.	March	प्रयोजनमूलक अनुवाद

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MONTH WISE TEACHING PLAN

Class B.A. III Paper (XI, XII) साहित्यशास्त्र I, II

Sr. No.	Month	Topics / Practicals to be Completed
1.	June	साहित्य का स्वरूप
2.	July	साहित्य के तत्व
3.	August	साहित्य प्रयोजन
4.	September	साहित्य हेतु
5.	October	शब्दशक्ति विचार
6.	November	रस विचार
7.	December	अलंकार विचार
8.	January	छंद विचार
9.	February	विधा स्वरूप : विवेचन
10	March	आलोचना: स्वरूप तथा भेद

MONTH WISE TEACHING PLAN

Class B.Sc.I. Paper (S.L.) सामान्य हिन्दी

Sr. No.	Month	Topics / Practicals to be Completed
1	June	—
2	July	कथा संसार
3	August	कथा संसार
4.	September	हिन्दी भाषा
5.	October	हिन्दी भाषा
6.	November	पारिभाषिक शब्दावली : स्वरूप और समस्याएँ
7.	December	कथा संसार
8.	January	कथा संसार
9.	February	व्यावहारिक हिन्दी
10.	March	व्यावहारिक हिन्दी

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MONTH WISE TEACHING PLAN

Class B.A.I. Paper (II, IV) नाटक तथा एकांकी साहित्य

Sr. No.	Month	Topics / Practicals to be Completed
1.	June	—
2.	July	विजय पर्व
3.	August	विजय पर्व
4.	September	होरी
5.	October	अलख आजादी की
6.	November	अलख आजादी की
7.	December	एकांकी नये पुराने
8.	January	एकांकी नये पुराने
9.	February	प्रतिनिधि महिला एकांकी
10.	March	प्रतिनिधि महिला एकांकी

2017-18

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MONTH WISE TEACHING PLAN

Class ..B.A.-I.... Paper (S . L.) .....~~सामान्य हिन्दी~~.....

Sr. No.	Month	Topics / Practicals to be Completed
1	June	—
2	July	कथा संसार
3	August	कथा संसार
4	September	हिन्दी भाषा
5	October	हिन्दी भाषा
6	November	पारिभाषिक शब्दावली : स्वरूप और समस्याएं
7	December	कथा संसार
8	January	कथा संसार
9.	February	व्यावहारिक हिन्दी
10.	March	व्यावहारिक हिन्दी

Dept-of Hindi 2017-2018 **PERSONAL TIME TABLE** Dr. Gavhane V. B.

Period No.	Time		Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	8.20 9.20	B.A.III B.A.I	S.P —	S.P —	S.P —	S.P —	— —	— S.L.
2	9.20- 10.10	B.A.I	S.L.	S.L.	S.L.	—	—	—
3	10.10- 11.00	B.A.III	OPt.	OPt.	OPt.	OPt.	—	—
4	11.00 11.50	B.A.I	—	—	—	OPt.	OPt.	OPt.
5	11.50- 12.40	B.A.II	—	—	—	OPt.	OPt.	OPt.
6	12.40- 1.30	B.Sc.I B.A.I	— —	— OPt.	S.L. —	S.L. —	S.L. —	S.L. —
7	1.30- 2.20	B.A.II	OPt.	—	—	—	—	—
8								
9								
10								

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2017-18

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class B.A. III Paper (प्रथम/द्वितीय) प्रकल्प कार्य I II

Sr. No.	Month	Topics / Practicals to be Completed
1)	June	प्रकल्प के लिए अभ्यासक्रम के अनुसार छात्रों को मार्गदर्शन करना, प्रोत्साहन देना, नए विषयों का से अवगत कराना, अनुसंधानात्मक दृष्टि देना और प्रकल्प पुस्तक पूर्ण देना प्रकल्प का मूल्यांकन कर विश्वविद्यालय को समर्पित करना
2)	July	
3)	August	
4)	September	
5)	October	
6)	November	
7)	December.	
8)	January	
9)	February	
10)	March	

MONTH WISE TEACHING PLAN

Class T.Y.B.A. Paper (X) आदि तथा मध्यकालिन हिंदी साहित्य

Sr. No.	Month	Topics / Practicals to be Completed
1]	Jun.	हिंदी साहित्येतिहास : लेखन एवं परम्परा प्रमुख लोग, परंपरा
2)	JUL	आदिकाल सामाजिक सांस्कृतिक राजनितिक पृष्ठभूमि हिंदी जैन सिद्ध एवं नाथ साहित्य आणि रासो साहित्य विशेषता नामदेव
3.	Aug.	आदिकाल सिद्ध नाथ जैन सिद्ध नाथ
4	Sep	भक्तिकाल सामाजिक सांस्कृतिक राजनितिक
5	oct.	भक्तिकाल निर्गुण भक्ति सगुण भक्ति
6	Nov	रीतिकाल सामाजिक राजनैतिक सांस्कृतिक रीतिकालीन साहित्य

MONTH WISE TEACHING PLAN

Class T.Y.B.A. Paper (IX) आदिवासी साहित्य

Sr. No.	Month	Topics / Practicals to be Completed
1	JUN.	प्रतिनिधि कहानी माती डॉ. माधव सोनटक्के
2	JUL.	प्रतिनिधि कहानी माधव सोनटक्के
3	AUG.	प्रतिनिधि कहानी डॉ. माधव सोनटक्के
4	SEP	पद्यांश लक्ष्मण गोरे
5	OCT.	पद्यांश लक्ष्मण गोरे
6	NOV	पद्यांश लक्ष्मण गोरे
4	XIII	मध्यकालीन काव्य
7	DEC	आधुनिककालीन काव्य
8	JAN	आधुनिककालीन काव्य
9	FEB	रीतिकालीन काव्य
10	MAR.	रीतिकालीन काव्य

MONTH WISE TEACHING PLAN

Class ~~S.Y.B.A.~~ .... Paper (VII) ..... आधुनिक हिंदी कविता .....

Sr. No.	Month	Topics / Practicals to be Completed
6	Nov.	1) चुनि हुई हिंदी कविता गोविंद प्रसाद
7	Dec	चुनि हुई हिंदी कविता गोविंद प्रसाद
8	Jan	चुनि हुई हिंदी कविता
9	Feb	चुनि हुई हिंदी कविता
10	Mar	पुनरावृत्ति उजरु अभ्यास

MONTH WISE TEACHING PLAN

Class S.Y.B.A. Paper (V) कादंबरी गद्य साहित्य

Sr. No.	Month	Topics / Practicals to be Completed
1	Jun	1] गद्य म्हणजे अर्थासह वाचन
2	Jul.	2) गद्य म्हणजे अर्थासह वाचन
3	Aug	3) गद्य लेखन ई मा. स्वरूप
4	Sep	4) गद्य लेखन ई.मा स्वरूप
5	Oct.	व्याकरणाची विविध उदाहरणे देणे. विश्लेषण पुस्तकातील प्रश्नोत्तरे लिहिणे.

MONTH WISE TEACHING PLAN

Class S.Y. B.A. Paper (IV) ....

Sr. No.	Month	Topics / Practicals to be Completed
6	Nov	... (1) ... (2) ... (3) ...
7	Dec	(4) ... (5) ... ...
8	Jan	... ...
9	Feb	... ...
10	Mar	... ...

MONTH WISE TEACHING PLAN

Class S.Y.B.A. Paper (III) ...भाषा की दिशा...

Sr. No.	Month	Topics / Practicals to be Completed
1	JUN	भाषा के विविध आयाम 1) आत्मवृत्त 2) संस्मरण
2	JUL.	संस्मरण - कुमार व सिंह विविध के पत्र
3	AUG	यात्रावृत्त - चीड़ पत्र - मोदी अनि. पदों का अनुवाद हिन्दी 1) पुस्तकालय की भाषा 2) भाषा की परिभाषा, विशेषताएँ एवं प्रकार
4	SEP.	अधिकृतता के परिप्रेक्ष्य में हिन्दी भाषा एवं साहित्य 2) भाषा शिक्षा की प्रक्रिया भाषा कौशल
5	OCT.	व्यावहारिक हिन्दी विविध रूप लेखन

MONTH WISE TEACHING PLAN

Class ~~F.Y.B.A.~~ .... Paper (I) अध्यापन साहित्य

Sr. No.	Month	Topics / Practicals to be Completed
1	Jul.	अमिता . प्रभाकर लोकभारती प्रकाशन इलाहा
2	Aug.	अमिता प्रभाकर
3	Sep.	अमिता प्रभाकर
4)	Oct	आपका बंटी मन्नु भंडारी राजकमल प्रकाशन दिल्ली
5	Nov	आपका बंटी मन्नु भंडारी.
	III	हिन्दी गद्य साहित्य
6	Dec	कहीं ईगरा गजानन मोकटके
7	Jan.	कहीं ईगरा गजानन मोकटके.
8	Feb	काटा गलोडा हरिशंकर परसाई
9	March	काटा गलोडा हरिशंकर परसाई

Dr Phuadhoni K.B **PERSONAL TIME TABLE** 2017-2018. 17-18
DOA - 10/6/18

Period No.	Time	class	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	8.30 to 9.20	B.Sc II	—	—	—	—	—	S.L. I III
2		BA II	—	—	—	—	S.L I III	—
3	9.20 to 10.10	B.A II	—	—	—	S.L I III	S.L. I III	S.L I III
4	10.10 to 11.00	B.A III	—	—	—	—	OPT X XIV	OPT X XIV
5	11.00 to 11.50	B.A I	OPT I III	OPT I III	OPT I III			
6	11.50 to 12.40	B.A II	OPT IV V	OPT IV V	OPT IV V			
7		B.Sc II	—	—	—	S.L I III	S.L I III	S.L. I III
8	12.40 to 1.30	BA III	—	—	OPT X XIV	OPT X XIV	—	—
9		B.A I	OPT I III					
10	1.30 to 2.20	B.A II	—	IV OPT V	— IX S.P XIII	— IX S.P XIII	— IX S.P XIII	— IX S.P. XIII

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MONTH WISE TEACHING PLAN

Class ...T.Y.B.A... Paper (XIV) आधुनिक हिंदी साहित्य का इतिहास

Sr. No.	Month	Topics / Practicals to be Completed
7	Dec	आधुनिक काल उ. काव्य साहित्य
8	Jan	गद्य साहित्य भारतेंदु हरिश्चंद्र एवं उनकी अन्य कथा उपन्यास और विधा
9	Feb	छंद विचार मात्रिक छंद वार्णिक छंद
10	May	विविध रस एवं अलंकार उ. दृश्यकाव्य भारतेंदु एवं प्रसादकालीन उ॥ श्रव्यकाव्य

Department of History 2017 - 2018

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MONTH WISE TEACHING PLAN Sem-VI

Class BA III ..... Paper (XIII) Fields of History Archaeology ~~Musicology / Tourism~>

Sr. No.	Month	Topics / Practicals to be Completed
1	Nov. 2017	I पुरातत्व विद्या - पुरातत्व विद्येचा विकास व्याख्या, अक्षरालेखे कालरेखे, पुरातत्व - विद्येची उद्दिष्ये, इतर शास्त्रांशी संबंध, भारतीय पुरातत्वशास्त्राचा विकास,
2	Dec - 2017	II पुरातत्व विद्येतील प्रक्रिया - पुरातत्वीय स्थळांचा शोध, पुराअवशेषांचे संकलन, वर्गीकरण
3	Jan - 2018	III वस्तु संग्रहालय - वस्तुसंग्रहालयाची व्याख्या, स्वरूप भारतीय वस्तु संग्रहालये खाजगी वस्तु संग्रहालये, पुराणवस्तु संग्रहालये सेवक वर्ग, दर्शन व कार्ये, वस्तूंची सुची वर्गीकरण, स्वरूप, आणि प्रकार,
4	feb - 2018	IV पर्यटन - पर्यटनाची उद्दिष्ये, वैशिष्ट्ये, व्याप्ती, पर्यटन विकासाचे - महत्व, महत्ता, ऐतिहासिक पार्श्वभूमी,
5	March - 2018	V पर्यटनाचे स्वरूप आणि प्रकार - स्वदेशी पर्यटन, प्रादेशिक पर्यटन, राष्ट्रीय व आंतरराष्ट्रीय पर्यटन, तरुण पर्यटन.

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MONTH WISE TEACHING PLAN Sem - IV

Class BA II Paper (VII) History of India - BC - 300 - AD 650

Sr. No.	Month	Topics / Practicals to be Completed
1	Nov - 2017	I साधने - वाङ्मय आणि पुरातत्त्वीय साधने.
2	Dec - 2017	II - राजकीय बदलाचा सैंधीप्त आढावा - शुंग वकाव, अलेक्झांडरचे आक्रमण, शक, कुशाण, सातवाहन, पश्चिम क्षेत्र, संगमकाळ गुप्त कालखंड, वाकाटक वजावंश, हर्षवर्धन,
3	Jan 2018	III सामाजिक आर्थिक जीवन - समाजरचना, सामाजिक परंपरा, शिक्षण, स्त्रियांचा दर्जा आर्थिकाश्चिती व नागरीकरण.
4	feb - 2018	IV - धार्मिक जीवन - जैनधर्म, बौद्धधर्म, शैव पंथ, वैष्णव पंथ
5	March 2018	V - कला व स्थापत्याचा विकास - मंदिर स्थापत्य, विविध प्रादेशिक स्थापत्याचा विकास.
		VI - भाषा व साहित्य. - संस्कृत, संगम

MONTH WISE TEACHING PLAN

Sem II

Class BA I Paper (III) History of Marathas - 1707 - 1818

Sr. No.	Month	Topics / Practicals to be Completed
1	Nov - 2017	I. छत्रपतीकडून सत्तेचे स्वातंत्र्यन - कारणे, छत्रपती शाहू, बाळाजी विश्वनाथ
2	Dec - 2017	II पेशवा बाजीराव पहिला व मराठा सत्तेचा विस्तार.
		III पानिपतचे तिसरे युद्ध - पार्श्वभूमी, कारणे परिणाम, पानिपत अपयशाची कारणे.
3	Jan - 2018	IV मराठा सत्तेचे पुनर्जीवन - पेशवा माधवराव - महत्व.
		V इंग्रज मराठा संबंध - सालबाई तिसरा दुसरे इंग्रज मराठा युद्ध, इंग्रज भोसले होळकर व शिंदे संबंध.
4	Feb - 2018	VI मराठा सत्तेचा अस्त - कारणे - परिणाम मुल्यमापन.
5	March 2018	VII पेशवेकालीन प्रशासन, प्रांत - छावणी आणि ग्रामप्रशासन. पेशवेकालीन न्यायव्यवस्था सैन्य व्यवस्था

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MONTH WISE TEACHING PLAN Sem-V

Class BA III Paper (XI) History of India: AD 1757-1885

Sr. No.	Month	Topics / Practicals to be Completed
1	June 2019	I. 18 व्या शतकातील भारतातील राजकीय आणि आर्थिक स्थिती, भारतात परकीय आगमने - डच, पोर्तुगीज, ब्रिटीश, यांची आगेकूच. II भारतात ब्रिटीश सत्तेचा विस्तार - बंगाल, पंजाब, अवध, म्हैसूर महाराष्ट्रातील संस्थाने
2	July 2019	III ब्रिटीशांची भारतातील प्रशासन - रचना वैशिष्ट्ये, शैक्षणिक धोरण, पत्रकार, आणि ब्रिटीश संसदेचे कार्य,
3	August 2019	IV ब्रिटीश काळातील भारतीय कृषी जीवन - शेतीचे अर्थव्यवस्था, कायमधारा पद्धती, रयतवारी, महालवारी पद्धती, हस्तउद्योग व कुटीर उद्योगाचे पतन, रेल्वे, पोस्ट, आणि टेलिग्राम सुधारणा (iii) मोठे उद्योग धंदे, कापूस, लोखंड, पोलाद आयात व्यवस्था
4	Sept 2019	V सामाजिक आणि धार्मिक सुधारणा चळवळ - ब्राह्मोसमाज, सत्यशोधक समाज, आर्यसमाज प्रार्थना समाज,
5	Oct 2019	VI ब्रिटीशांचा भारतातील बंडखोरीचा - पार्श्वभूमी, स्वरूप - बंडखोरीचे विभाग (ii) 1857 चा उठाव - कारणे, परिणाम - त्यांचे उठावाच्या पराभवाची कारणे VII भारतीय राष्ट्रीय काँग्रेसची स्थापनेची पार्श्वभूमी, राजकीय वाहिनाचा, राष्ट्रीय काँग्रेसची स्थापना, कार्यक्षेत्राचे व वाटचाल.

MONTH WISE TEACHING PLAN Sem - V

Class BA III ..... Paper (IX) Historiography .....

Sr. No.	Month	Topics / Practicals to be Completed
1	June - 2017	I इतिहास - व्याख्या, स्वरूप, व्याप्ती, इतिहासाचे प्रकार. इतिहास एक शास्त्र, इतिहास एक कला.
2	July - 2017	II इतिहास व इतर ज्ञानशाखा इतरशाखा - इतिहास व पुरातत्वशास्त्र, मानववंशशास्त्र, भूगोल, समाजशास्त्र, राज्यशास्त्र, अर्थशास्त्र, इ शास्त्रांशी संबंध
		III इतिहासाची साधने - साधनांचे वर्गीकरण साधनांचे मूल्यमापन, साधनांची विश्वासार्हता
3	August 2017	IV इतिहासाचे आधुनिक तत्वचिंतक - रँके, हेगेल, कार्ल मार्क्स, टॉयनबी,
4	Sept - 2017	V आधुनिक इतिहासातील प्रमुख प्रवाह - वस्तुनिष्ठवादी, राष्ट्रवादी, मार्क्सवादी, सबाल्टर्न,
		VI इतिहासाचे सदुपयोग -
5	Oct - 2017	VII इतिहास संशोधनाच्या विविध पद्धती.

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MONTH WISE TEACHING PLAN Sem - III

Class BA II Paper (V) History of Early India. (BC 300 upto)

Sr. No.	Month	Topics / Practicals to be Completed
1	June - 2017	I साधने - (अ) साहित्यिक व विदेशी साहित्य, परकीय साधने. (ब) पुरातत्वीय व नाणकशास्त्रीय साधने
2	July - 2017	II अ) अश्मयुगीन संस्कृती - लोअर पुरा ~~(ब) लघु अश्म संस्कृती~~ संस्कृती, गुहानिवासी, नगरवसाहत, सामाजिक धार्मिक व आर्थिक स्थिती.
3	August 2017	III वैदिक संस्कृती - आर्यांचे वसतिस्थान पूर्व वैदिक कालखंड, सामाजिक स्थिती, आर्थिकव्यवस्था धार्मिक स्थिती, 3. वैदिक कालखंड, राजकीय सामाजिक स्थिती, आर्थिक व धार्मिक स्थिती
4	Sept 2017	IV अ) धार्मिक चळवळ - पार्श्वभूमी, जैन व बौद्धधर्म, (ब) तत्वज्ञान, - उपनिषदे - षड्दर्शन, लोकायत चार्वाक, V (अ) जानपद व महाजनपद - मगधाचा उदय
5	Oct 2017	V (ब) - मौर्य कालखंड - चंद्रगुप्त मौर्य अशोक, मौर्यकालीन आर्थिकव्यवस्था, प्रशासकीय व्यवस्था, व कला स्थापत्य

MONTH WISE TEACHING PLAN

Scm-I

Class BA I ..... Paper (I) Shivaji and his Times - 1630 to 1707

Sr. No.	Month	Topics / Practicals to be Completed
I	July - 2017	I मराठा सत्तेचा उदय - महाराष्ट्राची भौ. परिस्थिती सामाजिक व आर्थिक स्थिती, संतांचे कार्य II शिवाजीचा प्रारंभिक महिमा - स्वराज्याचा संकल्प, तोरणा जिंकला, अफजलखान प्रकरण मराठा-सिद्दी संघर्ष, पन्हाळा वेढा
II	August 2017	III शिवाजी मुघल संबंध - शाहिस्तेखानाची स्वारी, दाय. शिवाजी जिंकू ट्यूब मोहीम, पुरंदरचा तह, शिवाजी साम्राज्यवाद, आग्रा भेट्यून सुटका.
III	Sept - 2017	IV - शिवाजीचा राज्याभिषेक आणि कर्नाटक मोहीम - राज्याभिषेकाचा अर्थ, कर्नाटक मोहीम, मोहिमेतील प्रमुख लढाया, कर्नाटक विजयाचे परिणाम V - छत्रपती संभाजी - सोंडिरा मोहीम, कर्नाटक संघर्ष, संभाजी वध VI मराठ्यांचे स्वातंत्र्य युद्ध -
4	Oct - 2017	VII शिवकालीन प्रशासन - न्यायव्यवस्था, समाज व्यवस्था, सैनिकी प्रशासन व वैशिष्ट्ये,

Vidhate H.H **PERSONAL TIME TABLE** 2017 - 2018 History

Period No.	Time	Class	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	9.20 10.10	BA III	His-IX	His-IX	His-IX			
2	10.10 11.00	BA I				His-I	His-I	His-I
3	11.00 11.50	BA II				His-V	His-V	His-V
4	12.40 1.30	BA III BA II					His-IX	His-V
5	1.30 2.20	BA III BA I	His-I		His-XI SP	His-XI SP	His-XI SP	His-XI SP
6								
7								
8								
9								
10								

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Sem - VI

MONTH WISE TEACHING PLAN

Class BA III Paper (XV) Glimpses of the History of Marath Wada

Sr. No.	Month	Topics / Practicals to be Completed
1	NOV - 2017	I मराठवाड्याचा वाङ्मयीन इतिहास - मराठवाड्याचा इतिहासाची साधने. भौगोलिक परिस्थिती, प्राचीन इतिहासाचा आढावा, संस्कृतीक पैलू.
2	Dec - 2017	II मराठवाड्यातील धार्मिक चळवळी - वैदिकेतरवाद, बौद्धधर्म, जैनधर्म, महानुभव पंथ, वीर शैव, भक्तीचळवळ आणि संतांचे कार्य.
3	Jan - 2018	III. मराठवाड्यातील कला आणि स्थापत्य - लेण्या, मंदिरे व किल्ले मराठी, इतर गुरुद्वारा आणि किल्ले.
4	feb - 2018	IV Nature of the rule of Nizam of Hyderabad and early struggles against Nizam.
5	March 2018	V हैद्राबाद मुक्ती संग्राम 1937 to 1948, स्टेट कॉंग्रेस, आर्य समाज चळवळ वंदेमातरम, रझाकार संघटना, स्वामीरामानंद तीर्थ यांचे योगदान, सरदार वल्लभभाई पटेल पोलीस कारवाई - संग्रामातील विविध अंगाचा अभ्यास.

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MONTH WISE TEACHING PLAN

Class B.A. F.Y. Paper (VII) मोगलकालीन भारताचा इतिहास

Sr. No.	Month	Topics / Practicals to be Completed
	नोव्हेंबर 2016	① साधने - वाङ्मयीन आणी पुरातत्वीय साधने
	डिसेंबर 2016	② मोगलकालीन राजकीय इतिहासाचा अभ्यास - बाबर, हुमायुन, शेरशहा सुर, अकबर, जहांगीर, शहाजहान, औरंगजेब व उत्तरकालीन मोगल.
	जानेवारी 2017	③ - मोगलकालीन प्रशासन - मुलकी, लष्करी, न्यायालयीन प्रशासन राज्यकर्ता वर्ग - सरदार, जमीनदार मनसबदार व जहागिरदार
	फेब्रुवारी 2017	④ आर्थिक इतिहासलेखन - कृषी, महसुल उद्योगधंदे, व्यापार, चलन व्यवस्था आदी शहरीकरण
	मार्च 2017	⑤ धर्म - सामाजिक, धार्मिक, जीवन इस्लामचा प्रभाव, सुफीवाद, भक्ती. शिख पंथ, हिंदुधर्म, वैष्णव पंथ समाज - स्त्रीयांचे दर्जा, गुलामगीरी शिक्षण, जिमाचा दर्जा ⑥ कला व स्थापत्य - चित्रकला भाषा साहित्य - संस्कृत, पर्शियन, आधा

MONTH WISE TEACHING PLAN

Class B.A. T.Y. Paper (XIV) आधुनिक जागतिक इतिहासातील स्थित्यंतरे

Sr. No.	Month	Topics / Practicals to be Completed
	नोव्हेंबर 2016	① युरोपातील प्रबोधन व धर्मसुधारणेची चळवळ
	डिसेंबर 2016	② अमेरीकन स्वातंत्र्य युद्ध - कारणे, वाटचाल आणी परीणाम
	जानेवारी 2017	③ फ्रेंच राज्यक्रांती - कारणे, वाटचाल आणी परीणाम औद्योगीक क्रांती - पार्श्वभुमी, प्रगती आणी महत्व
	फेब्रुवारी 2017	④ जागतिक पहिले महायुद्ध - महायुद्धाची कारणे, आणि त्याचे परिणाम
	मार्च 2017	⑤ जागतिक दुसरे महायुद्ध - महायुद्धाची कारणे महायुद्धाची वाटचाल आणि महायुद्धाचे जागतिक परिणाम

दिलीप - सम

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MONTH WISE TEACHING PLAN

Class B.A. F.Y. Paper (IV) विसाव्या शतकातील महाराष्ट्र १९०५ - १९४७

Sr. No.	Month	Topics / Practicals to be Completed
	ऑक्टोबर ① 2016	स्वातंत्र्य चळवळ, सुरतेची फूट आणि तिचे परिणाम, राष्ट्रीय चळवळ. आंतरराष्ट्रीय राष्ट्रीय घडामोडीत लोकमान्य टिळकांचे योगदान
	डिसेंबर ② 2016	राष्ट्रीय चळवळ - असहकार चळवळ सविनय कायदेभंग, भारत छोडो आंदोलन
	जानेवारी ③ 2017	सामाजिक चळवळ - (i) ब्राम्हणेतर चळवळ (ii) राजर्षी शाहू (iii) केशवराव जेधे (iv) दिनकरराव जवळीकर (ii) दलित चळवळ - वि. रा. शिंदे, डॉ. बाबासाहेब आंबेडकर (iii) शैक्षणिक चळवळ - कर्मवीर भाऊराव पाटील, पंजाबराव देशमुख
	फेब्रुवारी ④ 2017	हैद्राबाद मुक्ती संग्राम आणि मराठवाडा
	मार्च ⑤ 2018	महाराष्ट्र राज्याची निर्मिती (i) स्वतंत्र मुंबई राज्य (ii) संयुक्त महाराष्ट्र चळवळ

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MONTH WISE TEACHING PLAN

Class B.A.-I.-Y. Paper (X) आधुनिक राष्ट्रीय चळवळीचा इतिहास १८५७ - १९४७

Sr. No.	Month	Topics / Practicals to be Completed
	जून 2016	① पार्श्वभूमी - भारतातील ब्रिटीश राजवटीचे स्वरूप, धोरणे आणी प्रशासन
	जुलै 2016	② भारतातील राष्ट्रवादाचा उदय, कारणे आणी विकास
	ऑगस्ट 2016	③ भारतीय राष्ट्रीय कॉंग्रेस आणि राष्ट्रीय चळवळ ④ भारतीय राष्ट्रीय कॉंग्रेसचा उदय ⑤ मवाळवादी आणी जहालवादी यांचे नेतृत्व
	सप्टेंबर 2016	⑥ क्रांतिकारी चळवळ - उदय, विकास आणी स्वरूप ⑦ महात्मा गांधीच्या नेतृत्वाखाली राष्ट्रवादी चळवळ
	ऑक्टोबर	⑧ संप्रदायवादाचा उदय. भारताची फाळणी आणी भारताचे स्वातंत्र्य

MONTH WISE TEACHING PLAN

Class B.A.-I.-Y. Paper (XII) Project (प्रोजेक्ट)

Sr. No.	Month	Topics / Practicals to be Completed
	जून 2016	स्थानीक विकासावर प्रकल्प
	जुलै 2016	महाराष्ट्रातील ऐतिहासिक ठिकाणे
	ऑगस्ट 2016	ऐतिहासिक लेणी, गुंफा, मंदिरे
	सप्टेंबर 2016	महाराष्ट्रातील विविध संत आणि परंपरा
	ऑक्टोबर 2016	धार्मिक परंपरा, स्थानिक इतिहास गाव, तालुका जिल्हा
		सामाजिक, ऐतिहासिक, इतिहासातील व्यक्ती

MONTH WISE TEACHING PLAN

Class B.A. F.Y. Paper (II) आधुनिक महाराष्ट्राचा इतिहास (1818 - 1960)

Sr. No.	Month	Topics / Practicals to be Completed
	जुलै 2016	① १८१८ व तत्काळ्या प्रारंभकालातील महाराष्ट्राचे - सामाजिक, आर्थिक, आणी धार्मिक स्थिती
	ऑगष्ट 2016	② ब्रिटीश सत्तेचे प्रारंभीचे स्वरूप, प्रशासन शिक्षण, मुद्रण व वृतपत्रे, ख्रिश्चन धर्म प्रसारकाचे कार्य.
		③ प्रारंभीचे समाज व धर्म सुधारक - बाळशास्त्री जांभेकर, गोपाळहरी देशमुख महात्मा फुले, न्या. रानडे, आगरकर पंडिता रमाबाई
	सप्टेंबर 2016	④ राष्ट्रवादाचा उदय व राष्ट्रीय चळवळ - रामोशी, भिल्ल, कोकी समाजाचा उठाव, 1857 चा उठाव व महाराष्ट्र वासुदेव बळवंत फाडके यांचे बंड
	ऑक्टोबर 2016	⑤ महाराष्ट्रातील राष्ट्रीय संघटना ① द बॉम्बे असोसिएशन ② पुणा सार्वजनिक सभा ③ भारतीय राष्ट्रीय काँग्रेस आणी महाराष्ट्रातील नेते.

MONTH WISE TEACHING PLAN

Class B.A. S.Y. Paper (VI) दिल्ली सल्तनत (1200-1526)

Sr. No.	Month	Topics / Practicals to be Completed
	जुन 2016	① इतिहासाची साधने दिल्लीची सुल्तानशाही
	जुलै. 2016	② राजकीय इतिहास (एक सैद्धांतिक आढावा) ① तुर्कांचे भारतावरील आक्रमण आणी दिल्लीत सुलतानशाहीची स्थापना ② खिलजी, तुघलक आणी लोदी घराण्याची कारकीर्द ③ विजयनगरचे साम्राज्य व बहामनी
	ऑगष्ट 2016	③ सुलेमानशाहीचे राजकीय, आणी प्रशासकीय धोरण ④ सुलतानशाहीमधील आर्थिक आणी सामाजिक जीवन
	सप्टेंबर 2016	④ - धर्म - राजकीय धार्मीक धोरण सुफी चळवळ, भक्ती चळवळ, हिंदूंची संथ, ख्रिश्चन संस्कृती
	ऑक्टोबर 2016	⑤ संस्कृती - साहित्य, कला आणी वास्तुकला

Dr. Joshi R.L. **PERSONAL TIME TABLE** 2017 - 2018 (History)

Period No.	Time	Class	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	8-30 9-20	B.A-III	His(SP)	His(SP)	His(SP)	His(SP)	—	—
2	9.20 10.10	B.A III	—	—	—	His X	His-X	His-X
3	10-10 11.00	BA. I	His - II	His- II	His - II	—	—	—
4	11.00 11.50	BA - II	His - VI	His- VI	His - VI	—	—	—
5	12.40 1.30	BA - II BA III	His- VI —	—	—	—	—	His-X
6	1.30 2.20	B.A - I	—	His- II				
7								
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9								
10								

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MONTH WISE TEACHING PLAN

Class B.A. T.Y. Paper (XVII) ...Project (प्रोजेक्ट)

Sr. No.	Month	Topics / Practicals to be Completed
	ऑक्टोबर 2016	तालुका, निम्नस्तरीय महितीचे एकत्रण
	डिसेंबर 2016.	ऐतिहासिक संग्रह, आणि कागदपत्र एकत्रीकरण
	जानेवारी 2017	हैद्राबाद मुक्ती संग्राम लढा प्राचीन ऐतिहासिक मंदीरे
	फेब्रुवारी 2017	विविध शिलालेख प्राणीन नाणी, पुरातत्वीय लेणी मंदीरे.
	मार्च	इतिहासातील ऐतिहासिक व्यक्तीमत्व

Department of Geography 2017 - 2018

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kade

MONTH WISE TEACHING PLAN

Class BA. III Paper (XIX) Report Writing (Project)

Sr. No.	Month	Topics / Practicals to be Completed
	June 2017	Admission
	July 2017	Choice of the topic and Region/ village, introduction.
	August 2017	study area information Collection and Interpretation
	sept 2017	Significance of the project and objectives of project. Interpretation.
	OCt 2017	project methodology and data sources. Exam - V semester
	Nov. 2017	Exam - V semester Diwali vacation
	Dec 2017	selection of statistical method and techniques, preparation of questionnaire and data collection, preparation of maps and diagrams.

MONTH WISE TEACHING PLAN

Class ..... Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed
		and effects of Earthquake and Volcano. World distribution of Earthquake and Volcano.
	Jan 2018	Drought and floods. metrological, Hydrological and Agricultural drought. Causes and effects of drought. drought prone area.
	Feb 2018	Flood causes and effects. Biological Hazards. Global Warming. Green-House effects. Ozone Defliation.
	march 2018	pollution types: Air, Water and Soil. Exam - VI semester
	Apr. 2018	Exam - VI semester

MONTH WISE TEACHING PLAN

Class B.A. III Paper (XII XV) Geography of Environment Geo of Natural Calamities

Sr. No.	Month	Topics / Practicals to be Completed
	June 2017	
	July 2017	Definition, Nature and Scope of Environment Science. Ecology. Abiotic and Biotic factors.
	August 2017	Organism, Population, Biotic - Community. Ecosystem. Cardinal principals of Ecosystem. Structure of Ecosystem. Nutrient Cycle.
	Sept 2017	Function of Ecosystem. Energy Flow Food chain Food Web, Ecological pyramid. Types of Ecosystem. Problems of Ecosystem. Global - warming.
	Oct 2017	Food security. Deforestation Plastic Bags. Acid Rain. Exam - V semester
	Nov 2017	Exam - V semester Diwali Vacation
	Dec 2017	Definition, Nature and Scope of Natural Calamities. Earthquake and Volcano. Causes and

MONTH WISE TEACHING PLAN

Class ..... Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed
		ences and measures of control. Exam-III semester
	Nov 2017	Exam-III semester Diwali valation
	Dec 2017	Definition, Nature and scope of ~~Climato logy~~ Oceanography. surface configuration of ocean floors. General idea of submarine relief, continental self continental slope.
	Jan 2018	Abyssal Plains, Oceanic trenches, and deeps, Hypsographic curve. Relief of Atlantic, Pacific and Indian Ocean. Salinity of ocean water its meaning. Causes of salinity.
	Feb 2018	Factors affecting salinity of ocean Waters. Distribution of salinity in the ocean. Factors affecting the Temperature of Ocean Water distribution of temperature in the ocean Waters. Ocean deposit sea shallow deposits. Deep sea deposits. Types of corals.
	march 2018	Ocean as a storehouse of resources For future. Exam-IV semester
	Apr. 2018	Exam-IV semester

MONTH WISE TEACHING PLAN

Class B.A. II Paper (VI VIII) Climatology Geomorphology

Sr. No.	Month	Topics / Practicals to be Completed
	June 2016	
	July 2016	Definition, Nature, scope and significance of Climatology. Elements of weather and climate. Composition and structure of Atmosphere. Insolation and temperature. Definition of Insolation and temperature.
	August 2016	Heat budget of the earth, Factors affecting the distribution of solar energy, distribution of Temperature, Vertical, Horizontal and Seasonal. Range of Temperature. Atmospheric pressure and Wind. Evaporation and Condensation, Hydrological cycle. Types of precipitation.
	Sept 2016	World pattern of Rainfall: Regional and seasonal distribution. Air masses and fronts: Concept Classification and properties. Atmospheric disturbances, Tropical and Temperate Cyclones. Thunderstorms and Tornado
	Oct 2016	Role of Climate in Human life: Atmospheric pollution and Global Warming. General causes, Consequ-

Cont

MONTH WISE TEACHING PLAN

Class B.A. I Paper (VI)

Sr. No.	Month	Topics / Practicals to be Completed
	DEC 2017	Gentle slope, steep slope Concave and convex slope, Terraced slope. Representation of slopes by contours. Even uneven slope.
	Jan 2018	Representation of land forms by cross section method. Conical hill ridge, plateau. Cliff waterfall, U and V shape valley Panchayatis.
	Feb 2018	Conventional signs and symbols of SOI maps. Study of Indian topographical maps. i) Relief ii) Settlement iii) Drainage iv) Transportation
	march 2018	Exam - II semester (Annual)
	Apr 2018	Exam - II Semester

MONTH WISE TEACHING PLAN

Class B.A.I ..... Paper (IV) ..... Practical (Annual)

Sr. No.	Month	Topics / Practicals to be Completed
	June 2016	Admission
	July 2016	Nature and scope of Cartography. Scale: meaning, methods of Representing scale. Verbal Numerical and Linear scale. Types of linear scale: simple line scale Comparative and diagonal scale.
	August 2016	Time and distance scale, Pace scale. Definition and Brief history of maps. Classification of maps. Enlargment and Reduction of maps by Iguase method
	Sept 2016	methods of showing Relief. Hachures, shading, Layer tint and Contours.
	Oct 2016	Representation of landforms by Contours. Representation of slopes by contours. Even and uneven slope. Exam-(II) I semester
	Nov 2016	Exam-I Semester Diwali Vacation

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Cont.

MONTH WISE TEACHING PLAN

Class B.A. I ..... Paper (II IV) .....

Sr. No.	Month	Topics / Practicals to be Completed
		and physice / division of Maharashtra climate, drainage and soil.
	Jun 2018	Natural vegetation of maharashtra cropping pattern, majour crops: Jowar wheat Rice, cotton, sugarcane, oilseed and pulses.
	Feb 2018	production and distribution of crops cotton and textile industries. sugar- industries.
	march 2018	Transportation: Road, Air and Rail transport. Etam - II Semester
	Apr 2018	Etam - II Semester
		X

MONTH WISE TEACHING PLAN

Class B.A.I Paper (II IV) Human Geography ~~Geography of Maharashtra~~

Sr. No.	Month	Topics / Practicals to be Completed
	June 2017	
	July 2017	Definition, Nature scope and Branches of Human Geography.
	August 2017	man and Environment Relation-ship. Types of Environment. Concept of Determinism and Possibilism. Stop and Go deter-ministic Approach.
	Sept 2017	physical and social profile of Racial Groups. Ethnic Groups. Triable Groups, in world and India. Eskimo, Bushmen, masai, Gond and Gujjars. settlement Types, Forms and pattern.
	Oct 2017	Functional classification of settlement. Exam-I semester
	Nov 2017	Exam-I semester Diwali vacation
	Dec 2017	position and personality: location, size and shape, Relief

Dr. U. E. Chavan Dept. Geo **PERSONAL TIME TABLE** 2017-2018

Period No.	Time	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	9.20 B A III 10.10	—	—	—	XI XV	XI XV	XI XV
3	10.10 11.00 B A I	II IV	II IV	II IV	—	—	—
4	11.00 11.50 B A II	—	—	—	VI VII	VI VII	VI VII
5	11.50 12.40 B A III	XIX P	XIX P	XIX P	—	—	—
6	12.40 B A II 1.30 B A III	— —	— —	— —	— —	— XII XV	VI VIII —
7	1.30 B A I 2.20 B A III	— XIX P	II IV —	Practical —	Practical —	Practical —	Practical —
7							
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Cont.

MONTH WISE TEACHING PLAN

Class B.A. III Paper (XIX) .....

Sr. No.	Month	Topics / Practicals to be Completed
	JUN 2018	Chapter scheme and preparation of Graphs maps diagrames and analysis, interpitation and Report writing.
	Feb 2018	Report writing and preparation of Report
	march 2018	Exam - VI semester (Annual)
	Apr. 2018	Exam - VI semester.
		X

IV th Sem

MONTH WISE TEACHING PLAN

Class S.Y.B.A. Paper (IX) Settlement Geography

Sr. No.	Month	Topics / Practicals to be Completed
01	November	1. Settlement Geography i) Nature ii) Scope & Content iii) Definition of Rural & Urban settlements. iv) Merits
02	December	v) Limitations 2. Settlements site & structure i) Internal Morphology ii) External Forms iii) Field Patterns
03	January	iv) Functions & House types 3. Spatial Organization i) Size ii) Spacing iii) Hierarchy of settlements.
04	February	iv) Emergence & characteristics of urban settlements. 4. Silent Features of Human settlements in India.
05	March	4. Silent Features of Human settlements in India.

II nd Sem

MONTH WISE TEACHING PLAN

Class F.Y.B.A. **Paper (** III **)** Geography of Landforms

Sr. No.	Month	Topics / Practicals to be Completed
01	November	1. Concept of landforms i) Evolution ii) Types of Landforms iii) Concept of Cycle of Erosion.
02	December	iii) Concept of Cycle of Erosion. 2. Weathering i) Types & Classification of Weathering a) Mechanical
03	January	b) Chemical c) Biological ii) Soil Formation 3. a) Geomorphic Agents & Processes i) Erosion
04	February	i) Erosion ii) Transportation iii) Deposition b) Landforms produced by i) River ii) Winds
05	March	iii) Sea Waves 4 i) Landforms produced by a) Glacier b) Underground Water ii) Applied Geomorphology iii) Geomorphology & Settlement iv) Landuse & Resources.

V^th & VI^th Sem

MONTH WISE TEACHING PLAN

Class T.Y.B.A. Paper (XVI) Geography Practical (Subsidiary)

Sr. No.	Month	Topics / Practicals to be Completed
01	June	1. Measures of Central Tendency i) Mean
02	July	i) Mean ii) Median iii) Mode
03	August	2 Measures of Deviation i) Mean Deviation ii) Quartile Deviation
04	September	ii) Quartile Deviation iii) Standard Deviation
05	November	3. Correlation i) Spearman's Method
06	December	i) Spearman's Method ii) Karl Pearson's Method 4. i) Regression equation by least square Method.
07	January	ii) Regression Line 'x' on 'Y' iii) Regression Line 'Y' on 'x'
08	February	iv) Chi-Square Test. 5. Participation in Geographical Excursion & Report Writing.

V th Sem

MONTH WISE TEACHING PLAN

Class T.Y.B.A. **Paper (** XI **)** Physical Geography of India.

Sr. No.	Month	Topics / Practicals to be Completed
01	June	1. i) India in the context of South east & South Asia. ii) India : a land of diversities. iii) Unity within diversities.
02	July	iv) Shape v) Size vi) Physical landscape of India. 2 i) Drainage systems of India
03	August	i) Drainage systems of India their functional significance ii) Climate : Regional & seasonal variations of climate. iii) Monsoons.
04	September	3 i) Soil Types of India. ii) Their distribution and characteristics. 4 i) Natural Vegetation Forest types. ii) Their distribution in India.
05	October	ii) Their distribution in India.

III & IV Sem

MONTH WISE TEACHING PLAN

Class S.Y.B.A. Paper (X) Practical Geography

Sr. No.	Month	Topics / Practicals to be Completed
		vi) Isobars vii) Isotherms
05	November	viii) Isohyets. 4. Representation of statistical Data by using Following Methods. i) Line & Bar Graph ii) Polygraph iii) Divided circle.
06	December	iv) Rectangle Divided v) Dot Method vi) choropleth Map vii) Proportional circle (Located) viii) Proportional Square (Located) ix) Proportional Cube (Located) x) Proportional Sphere (Located).
07	January	5-A) Latitude, Longitude Direction, Area & Great circle. B) Map Projection i) Definition ii) Classification of Map Projection. c) Construction, Properties uses & choice of the Following Map projection i) Zenithal Polar Gnomonic Projection ii) Zenithal Equal Area Projection.
08	February	iii) Simple Conical Projection. iv) Conical Projection with two standard Parallel v) Simple Cylindrical Projection. vi) Cylindrical Equal Area Projection.

III rd & IV Sem.

MONTH WISE TEACHING PLAN

Class S.Y.B.A. **Paper (** X **)** Practical Geography

Sr. No.	Month	Topics / Practicals to be Completed
01	June	1. Mechanism & Uses of Weather Instruments. i) Thermometer. ii) Maximum & Minimum Thermometer iii) Dry & Wet Bulb Thermometer. iv) Aneriod Barometer
02	July	v) Fortin's Barometer. vi) Wind Vane vii) Cup Anemometer viii) Rain Guage ix) Hygrometer 2. i) Conventional Signs & Symbols Used in IDWR
03	August	ii) Interpretation of IDWR of a) Winter b) Summer, c) Rainy Season.
04	September	3. A) Cartographic Techniques. i) Definition ii) Nature & Scope iii) Importance of Cartography. B) Representation of Clamatic Statistical data by using following Cartographic Techniques. i) Climograph ii) Hythergraph iii) Star Diagram iv) Wind Rose v) Ergograph

III rd Sem.

MONTH WISE TEACHING PLAN

Class S.Y.B.A. Paper (VII) Population Geography

Sr. No.	Month	Topics / Practicals to be Completed
01	June	1. Population Geography i) Defination ii) Nature iii) Scope & Significance
02	July	iv) Sources of population data 2. Distribution of Population i) Factors affecting on population distribution. ii) Density. iii) Population distribution patterns World & India.
03	August	iv) Densely, Mortality & Fertility population regions of the world. 3. Composition of Population i) Age & Sex composition. ii) Rural - Urban composition.
04	September	iii) Economic composition. iv) Determinates, World regional patterns. v) composition of population in India. 4. Migration i) Meaning classification and their determinates.
05	October	ii) Consequences of migration. iii) Migration in India.

I Sem.

MONTH WISE TEACHING PLAN

Class F.Y.B.A. **Paper (** I **)** Elements of Physical Geography

Sr. No.	Month	Topics / Practicals to be Completed
01	July	1 Introduction of Physical Geography i) Meaning ii) Nature & Scope iii) Elements iv) Branches of Physical Geography 2. Lithospheres i) Interior of the Earth ii) Wegner's Continental Drift Theory
02	August	iii) Isotacy iv) Plate Tectonic Theories. 3. Earth Movements i) Vertical & Horizontal ii) Process of Folding iii) Causes & effect.
03	September	iv) Process of Faulting v) Causes & effect vi) Volcanoes vii) Earthquakes 4. Rocks : i) Classificaton of rocks on the basis of origin
04	October	ii) Properties of different rocks.
		-

BHINDE S.M. **PERSONAL TIME TABLE** 2017 - 2018

Period No.	Time	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	9.20 am to 10.10 am	T.Y.B.A.	T.Y.B.A.	T.Y.B.A.	-	-	-
2	10.10 am to 11.00 am	-	-	-	F.Y.B.A.	F.Y.B.A.	F.Y.B.A.
3	11.00 am to 11.50 am	S.Y.B.A.	S.Y.B.A.	S.Y.B.A.	-	-	-
4	11.50 am to 12.40 pm	-	-	-	T.Y.B.A. Practical-A	T.Y.B.A. Practical-A	T.Y.B.A. Practical-A
5	12.40 pm to 01.30 pm	S.Y.B.A.	S.Y.B.A. Practical	S.Y.B.A. Practical	S.Y.B.A. Practical	S.Y.B.A. Practical	T.Y.B.A.
6	01.30 pm to 02.20 pm	F.Y.B.A.	T.Y.B.A. Practical-A				
7							
8							
9							
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VI th Sem

MONTH WISE TEACHING PLAN

Class T.Y.B.A. **Paper (** XV **)** Agricultural Geo. of India

Sr. No.	Month	Topics / Practicals to be Completed
01	November	1. i) Nature ii) Scope iii) Significance iv) Development of Agricultural Geography.
02	December	v) Origin & Dispersal of Agricultural in India. 2. Agriculture in India i) Agricultural Landuse ii) Cropping Pattern
03	January	iii) Regional Pattern of Production in India. iv) Agricultural Policy in India. 3. Distribution & Production of major crops in India i) Rice
04	February	ii) Wheat iii) Jowar iv) cottan v) Sugarcane vi) Tea
05	March	4 Green Revolution in India

Department of Economics 2017 - 2018

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class TYBA Paper (XI, XV) Labour Economics & Economics of maharashtra.

Sr. No.	Month	Topics / Practicals to be Completed
1)	June	Introducten of Labour Economics
2)	July	Labour market
3)	August	Employment
4)	Sept	wage Distribution
5)	oct	State and Labour
6)	Nov.	Economy of maharashtra
7)	Dec.	futures of Economy of maharashtra
8)	Jan	the problems of Agricultral in maharashtra
9)	Feb.	Cooperative movement in maharushtra
10)	March	Infrastructure and Industrial Dev. In maharashtra.

MONTH WISE TEACHING PLAN

Class TYBA Paper (IX. XIII) International Economics Research methodology

Sr. No.	Month	Topics / Practicals to be Completed
1)	June	International Economics
2)	July	Importance of Trade and Trade Theories
3)	August	Gains from Trade
4)	Sept	Tariffs and quotas
5)	oct	Balance of payments
6)	NOV.	Research methodology Introduction
7)	Dec.	Research methodology Types concepts
8)	Jan	Research Design
9)	Feb	Data collection
10)	march	Data presentation & Analysis
		Extra guest Lectures

MONTH WISE TEACHING PLAN

Class SYBA Paper (V, VI) macro Economics & public fin

Sr. No.	Month	Topics / Practicals to be Completed
1)	June	macro Economics Introduction concepts
2)	July	National Income
3)	August	Theory of money
4)	Sept	Employment and Income
5)	Oct	Theory of Trade cycle
6)	Nov.	Introduction of public finance
7)	Dec.	public Revene & public finance
8)	Jan	public finance
9)	Feb.	public Debts
10)	march	union Budget
—	—	guest Lecturs Economics

MONTH WISE TEACHING PLAN

Class FY BA ..... Paper (I, III) ...micro Economics price theory.....

Sr. No.	Month	Topics / Practicals to be Completed
1)	June	Introduction of micro Economics
2)	July	The Law of supply
3)	August	The Law of Demand
4)	Sept	Theory of consumer Behavior
5)	oct	Analysis of market Equilibrium
6)	Nov	Theory of price Introduction
7)	Dec.	Theory of production
8)	Jan	production cost and Analysis of Income
9)	Feb	Type of market
10)	march.	Distributon of production Event Extra guest Lectures.

Dr. A M. Korade **PERSONAL TIME TABLE** सन: 2017-2018 ECO

Period No.	Time	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	8.30 / 9.20 AM TY	XI, XV (SP)	XI, XV (SP)	XI, XV (SP)	XI, XV (SP)	—	—
2	10.10 / 11.00 Am. SY	—	—	—	—	V, VII	V, VI
3	11.00 / 11.50 AM TY.	IX, XIII	IX, XIII	IX, XIII	IX, XIII	—	—
4	11.50 / 12.40 PM. FY	—	—	—	—	I, III	I, III
5	12.40 / 1.30 PM. FY	—	—	I, III	I, III	—	—
6	1.30 / 2.20 PM. SY	—	—	V, VII	V, VII		
7							
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9							
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Department of Public Administration 2017 - 2018

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MONTH WISE TEACHING PLAN

Class B.A.S.Y. Paper (V) કર્મચારી પ્રશાસન

Sr. No.	Month	Topics / Practicals to be Completed
1.	જુન	કર્મચારી પ્રશાસન
2.	જુલે	અર્વાચીન નાગરિ સેવા. મહિલા.
3.	ઓગસ્ટ	પ્રશિક્ષણ સંસ્થા. ભરતી, અર્વાચીન વલણ નિયંત્રણ પધ્ધતિ.
4.	સપ્ટેમ્બર	કર્મચારી પ્રશાસનનાં પ્રશ્નો, પ્રશાસકિય ક્યાંગદિકરણ
5.	ઓક્ટોબર	સેવાનિવૃત્તી
Class	B.A.S.Y.	Paper (VIII) દ્વિતીય પ્રશાસન
1.	નોવેમ્બર	દ્વિતીય પ્રશાસન
2.	ડિસેમ્બર	વિત્ત મંત્રાલય, અંદાજપત્રક
3.	જાનેવારી	અંદાજપત્રક, તેના ત્રણ તબક્કા પરિક્રમા
4.	ફેબ્રુવારી	સંસદિય નિયંત્રણ
5.	માર્ચ.	નાણાંકિય સમિક્ષા

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MONTH WISE TEACHING PLAN

Class B.A.S.Y. Paper (VI) પ્રશાસન રાજ્ય અને પ્રાદેશિક વિકાસ

Sr. No.	Month	Topics / Practicals to be Completed
1.	જુન	આજકાલના પંચાયતરાજ સંસ્થાની ક્રાંતિ
2.	જુલે	મહારાષ્ટ્રનાં પંચાયતરાજ સંસ્થા.
3.	ઓગસ્ટ	ગ્રામિણ વિકાસ, ગ્રામિણ વિકાસ મંત્રાલય.
4.	સપ્ટેમ્બર	ગ્રામિણ વિકાસ સંસ્થા.
5.	ઓક્ટોબર	પંચાયતરાજ સંસ્થાની દ્વિતીય સાધને
Class	B.A.S.Y.	Paper (VIII) શહેરી સ્થાનિક સ્વરાજ સંસ્થા ત્રણ શહેર વિકાસ.
1.	નોવેમ્બર	શહેરીકરણ
2.	ડિસેમ્બર	મહારાષ્ટ્રનાં શહેરી સ્થાનિક સ્વરાજ સંસ્થા.
3.	જાનેવારી	શહેર વિકાસ મંત્રાલય. શહેર વિકાસ સંસ્થા
4.	ફેબ્રુવારી	શહેર વિકાસ સંસ્થા. શહેરીકરણનાં સમસ્યા
5.	માર્ચ.	પ્રમુખ શહેર વિકાસ કાર્યક્રમ.

MONTH WISE TEACHING PLAN

Class B.A.F.Y..... Paper (T) .....લોકપ્રશાસનનાની.....તાલે...ચાલિ...સંસ્થાઓ

Sr. No.	Month	Topics / Practicals to be Completed
1.	જુલૈ	લોકપ્રશાસન
2.	ઑગસ્ટ	સંસ્થાઓ
3.	સપ્ટેંબર	સંસ્થાઓની તાલે. લોકપ્રશાસનની સંકલ્પના.
4.	ઑક્ટોબર	લોકપ્રશાસનની સંકલ્પના.
Class	B.A.F.Y.	Paper - (III) મહારાષ્ટ્ર પ્રશાસન
1.	નોવેંબર	મહારાષ્ટ્ર રાજ્ય
2.	ડિસેંબર	રાજ્ય કાર્યકારિણી
3.	જાનેવારી	રાજ્યાચે કાર્યકારેંકર્ડ. રાજ્યાલિકયાચાકડીલ [illegible]
4.	ફેબ્રુવારી	સંવિધાનિક આણિ તેલાનિક સંસ્થા.
5.	માર્ચ	તેલાનિક સંસ્થા.

Dr. Mgr S. R. **PERSONAL TIME TABLE** 2017-2018, Pub. Adm

Period No.	Time	Class	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	10.10 - 11.00	B.A. II	V	V	V	V	VI	VI
2	11.00 - 11.50	B.A. III	IX	IX	IX	IX	X	X
3	11.50 - 12.40	B.A. I	I	I	I	I	-	-
4	12.40 - 1.30	B.A. III	X	X	-	-	-	-
5	1.30 - 2.20	B.A. II	-	-	VI	VI	-	-
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Department of Sociology 2017-2018

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class B.A.T.Y. Paper (IX) ભારતી સંસ્કૃતિનાં વિકાસ

Sr. No.	Month	Topics / Practicals to be Completed
1.	જુન	ભારતીય સંસ્કૃતિનાં વિકાસ
2.	જુલે	માનવ સંસાધન વિકાસમાંનો સંસ્થાની ભૂમિકા
3.	ઓગસ્ટ	માનવ સંસાધન વિકાસની સામે
4.	સપ્ટેમ્બર	માનવી સંસાધન વ્યવસ્થાપણ
5.	ઓક્ટોબર	માનવી સંસાધન નિયોજન.
Class	B.A.T.Y.	Paper (XIII) સામાજીક સેવા અને વિકાસ
1.	નોવેમ્બર	સામાજીક સેવા
2.	ડિસેમ્બર	સામાજીક સેવા વિશિષ્ટ સામાજીક સેવાની ઓળખ
3.	જાનેવારી	આધુનીક સામાજીક સેવા.
4.	ફેબ્રુવારી	વિકાસ: અર્થ અને સંકલ્પના, વિકાસનાં
5.	માર્ચ.	વિકાસનાં આયામો

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MONTH WISE TEACHING PLAN

Class B.A.T.Y. Paper (X) આધુનીક ભૌગોલિક પ્રદેશન

Sr. No.	Month	Topics / Practicals to be Completed
1.	જુન	શિક્ષણનો અર્થ, ઉદ્દેશ અને મહત્વ
2.	જુલે	શિક્ષણની ઐતિહાસિક પાર્શ્વભૂમી
3.	ઓગસ્ટ	ઉચ્ચ શિક્ષણ સંસ્થા. ઉચ્ચ શિક્ષણનાં નિયંત્રણ સંસ્થા.
4.	સપ્ટેમ્બર	આધુનીક ઉચ્ચ શિક્ષણસમોનિત આવાહને
5.	ઓક્ટોબર	સામાજીકિકરણ અને ઉચ્ચ શિક્ષણ : પ્રમાણ અને પરિણામ.
Class	B.A.T.Y.	Paper (XIV) આધુનીક આયોજન પ્રશાસન
1.	નોવેમ્બર	આધુનીક આયોજન વ્યાખ્યા
2.	ડિસેમ્બર	આયોજન અને કુટુંબ કલ્યાણ મંત્રાલય
3.	જાનેવારી	રાષ્ટ્રીય ગ્રામિણ આયોજન વિકાસ
4.	ફેબ્રુવારી	આયોજન વિશેષણ
5.	માર્ચ	આધુનીક આયોજન વ્યવસ્થાપનમાંનો આવાહને

MONTH WISE TEACHING PLAN

Class B.A. II Paper (V VII) Problems of Rural India & Population in India.

Sr. No.	Month	Topics / Practicals to be Completed
1	જુન	સંરચનાત્મક પ્રકાર્ય.
2	જુલૈ	સંરચનાત્મક પ્રકાર્ય. શિક્ષણ આણિ આરોગ્ય.
3	ઑગસ્ટ	શિક્ષણ આણિ આરોગ્ય.
4	સપ્ટેમ્બર	ગ્રામીણ અર્થવ્યવસ્થા
5	ઑક્ટોબર	ગ્રામીણ અર્થવ્યવસ્થા ગ્રામીણ વિકાસવાદમાં અડચણો
6	નોવ્હેમ્બર	જનસંખ્યા - મૂળભૂત સંકલ્પના
7	ડિસેંબર	જનસંખ્યા - મૂળભૂત સંકલ્પના
8	જાનેવારી	ગતિમાન માનવી જનસંખ્યા
9	ફેબ્રુવારી	જનસંખ્યા સંક્રમણ
10	માર્ચ.	જનસંખ્યા ઘોરણ.

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MONTH WISE TEACHING PLAN

Class B.A. III Paper (IX XIII) Sociological Traditions Sociological Theories

Sr. No.	Month	Topics / Practicals to be Completed
1	જુલૈ	સમાજશાસ્ત્રીય વિચારાંચા વિકાસ
2	જુલૈ	સમાજશાસ્ત્રીય વિચારાંચા વિકાસ.
3	ઑગસ્ટ	આદર્શ વિચારવંત
4	સપ્ટેંબર	આદર્શ વિચારવંત અભિજાત પરંપરા
5	ઑક્ટોબર	~~પ્રકાર્યવાદ~~. અભિજાત પરંપરા
6	નોવ્હેંબર	સંઘર્ષ સિદ્ધાંત
7	ડિસેંબર	સંઘર્ષ સિદ્ધાંત / પ્રકાર્યવાદ.
8	જાનેવારી	પ્રકાર્યવાદ.
9	ફેબ્રુવારી	પ્રતિકાત્મક આંતરક્રિયા.
10	માર્ચ.	પ્રતિકાત્મક આંતરક્રિયા.

MONTH WISE TEACHING PLAN

Class B.A.I કક્ષા Paper (I III) Introduction to Sociology & subfields of Sociology

Sr. No.	Month	Topics / Practicals to be Completed
1	જુલૈ	સમાજશાસ્ત્રાચા પરિચય.
2	ઑગસ્ટ	મુળમૂત સંકલ્પના।
3	સપ્ટેંબર	સમાજશાસ્ત્રાચી પ્રમાણતા।
4	ઑક્ટોબર	સમાજશાસ્ત્રાચી ઉપયુક્તતા.
5	નોવ્હેંબર	સમાજશાસ્ત્ર આણિ સમાજ.
6	ડિસેંબર	સમાજશાસ્ત્ર આણિ સમાજ.
7	જાનેવારી	સમાજશાસ્ત્ર આણિ આંતરક્રિયા.
8	ફેબ્રુવારી	સમાજશાસ્ત્ર આણિ સંસ્કૃતી.
9	માર્ચ	સમાજશાસ્ત્રાચે ઉપયોજિત સ્વરૂપ.
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MONTH WISE TEACHING PLAN

Class B.A.I Paper (II IV) Individual and Society & Indian Social Composition

Sr. No.	Month	Topics / Practicals to be Completed
1	જુલૈ	વ્યક્તી આણિ સમાજ.
2	ઑગસ્ટ	સામાજીક સંરચના સામાજીક સ્તરીકરણ. સામાજીક સ્તરીકરણ.
3	સપ્ટેંબર	સામાજીક પરિવર્તન
4	ઑક્ટોબર	સામાજીક નિયંત્રણ.
5	નોવ્હેંબર	ભારતીય સમાજાચી વૈશિષ્ટ્યે.
6	ડિસેંબર	ભારતીય સમાજાચી વૈશિષ્ટ્યે.
7	જાનેવારી	ભારતીય લોકસંસ્કૃતી
8	ફેબ્રુવારી	લોકશાહી આણિ ધર્મનિરપેક્ષતા
9	માર્ચ	ગ્રામીણ આણિ શહેરી સમાજ રચના.

Dept. of. Sociology. **PERSONAL TIME TABLE** 2017-2018

Period No.	Time	Class	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	10.10 – 11.00	B.A. II	Soci-V	Soci-V	Soci-V	Soci-V		
2	11.00 – 11.50	B.A. III	Soci-IX	Soci-IX	Soci-IX	Soci-IX	Soci-X	Soci-X
3	11.50 – 12.40	B.A. I	Soci-I	Soci-I	Soci-I	Soci-I	Soci-VI	Soci-II
4	12.40 – 1.30	B.A I			Soci-II	Soci-II		
		B.A. III	Soci-X	Soci-X				
5	1.30 – 2.20	B.A. III			Soci-XII	Soci-XII	Soci-XII	Soci-XII
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Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class B.A. III Paper (X XIV) Introduction to Research methods / Social Research methods

Sr. No.	Month	Topics / Practicals to be Completed
1	જુન	સંશોધનપદ્ધતી - મુળભુત સંકલ્પના.
2	જુલૈ	સંશોધન પદ્ધતી - મુળભુત સંકલ્પના.
3	ઑગસ્ટ	સંશોધનાચે પ્રકાર.
4	સપ્ટેંબર	સંશોધનાચે પ્રકાર. સંશોધન પ્રક્રિયા.
5	ઑક્ટોબર	સંશોધન પ્રક્રિયા.
6	નોવ્હેંબર	માહિતી સંકલનાચ્યા પદ્ધતી
7	ડિસેંબર	માહિતી સંકલનાચ્યા પદ્ધતી.
8	જાનેવારી	સંશોધકાચ્યા ઉપયોગ આણિ સૉંજ્ઞિકી.
9	ફેબ્રુવારિ	સંશોધકાચ્યા ઉપયોગ આણિ સાંખ્યિકી સામાજિક સંશોધનાચી ઉપયુક્તતા
10	માર્ચ.	સામાજિક સંશોધનાચી ઉપયુક્તતા.

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MONTH WISE TEACHING PLAN

Class B.A. III Paper (XII XVI) Project work

Sr. No.	Month	Topics / Practicals to be Completed
1	જુલૈ	વિષયાચી નિવડ.
2	જુલૈ ઑગસ્ટ	પ્રાસ્તાવના.
3	સપ્ટેંબર	ઉદ્દેશ.
4	ઑક્ટોબર	વિષયાચે ગાભે.
5	નોવ્હેંબર	વિશ્લેષણ.
6	ડિસેંબર	સવિસ્તર ચર્ચા.
7	જાનેવારી	વિષયાચે નિષ્કર્ષ.
8	ફેબ્રુવારી	સારંશીકરણ.
9	માર્ચ.	

Department of Political Science 2017 - 2018

S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class ..... Paper (Semi II) .....

Sr. No.	Month	Topics / Practicals to be Completed
	Dec	1) Maulana Azad i) Views on Religion and Politics ii) Views on Hindu-Muslim Unity iii) Idea of Nationalism and "Synthesis Nationalism".
	Jan	2) Jawaharlal Nehru- i) Views on Nationalism, Democracy and Socialism ii) Idea of Secularism iii) Views on Internationalism
	Feb.	3) M. N. Roy i) Critique of Marxism ii) Radical Humanism or New Humanism iii) Radical Democracy.
	March	4) Dr. Babasaheb Ambedkar i) Views on Religion and Society ii) Idea of Democracy iii) Economic thought

MONTH WISE TEACHING PLAN

Class ~~B.A.T.Y.~~ **Paper (** V **)** Indian Political Thinke

Sr. No.	Month	Topics / Practicals to be Completed
	June	1) Raja Ram Mohan Roy i) Architect of Indian Renaissance ii) Views on Religion iii) Social and political Idea
	July	2) Dayanand Saraswati i) Religious and social Thoughts ii) political Thoughts
	Aug	3) Gopal Krishna Gokhale i) social and Liberal Ideas ii) Nationalist thought
	sep	4) Lokmanya Tilak i) Views on Nationalism ii) political Ideas. iii) Views on social Reforms
	oct	5) Mahatma Gandhi i) Views on Religion ii) Concept of Satya, Ahimsa, and Satyagraha
	Nov	iii) Concept of Ram Rajya

MONTH WISE TEACHING PLAN

Sem. II

..... Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed
	Dec	1) Collective security and U.N. i) Meaning and Nature of collective security ii) UN and collective security 2) Deterrence i) Meaning and Nature
	Jan-	ii) Features and Types 3) Major Issues in International
	F	i) Terrorism ii) Environmentalism 4) International and Regional organizations i) IMF, World Bank and WTO
	Feb	SAARC ASEAN 5) Non alignment Movement i) Meaning, Nature & Importance
	March	ii) Role of Non alignment iii) Relevance of Non-alignment

MONTH WISE TEACHING PLAN

Class B.A.S.Y. Paper (Sem I IV) ..... International Relations

Sr. No.	Month	Topics / Practicals to be Completed
	June.	1) International Relations i) Meaning ii) Nature
	July	iii) Scope and significance 2) Approaches to the Study of International Relations i) Idealist approach ii) Realist approach iii) Behavioral approach
	Aug.	3) Indias Foreign Policy: i) principles ii) objectives
	Sep	4) National Interest and National power i) Meaning ii) Determinants
	Oct	5) Balance of Power. i) Meaning ii) Techniques
	Nov	iii) Types and relevance

MONTH WISE TEACHING PLAN

Class B.A. F.Y. Paper (semi. II 1) .....

No.	Month	Topics / Practicals to be Completed
	Dec Jan Feb March	1) Panchyati Raj i) Historical Background of Panchyati Raj system with reference to Maharashtra ii) composition and Functions: Gram panchyat, panchayt Samiti Z.P. 2) Ideology and Programme of political Parties:- i) All India National congress. NCP, ii) Shiv sena and Bhartiy Janta party, RPI iii) Bharip Bahujan Mahasangh iv) communist Parties (CPICM. CPI)

MONTH WISE TEACHING PLAN

Class B.A.F.Y. **Paper** (Semi I) Government & Politics of Maharashtra

Sr. No.	Month	Topics / Practicals to be Completed
	July	1) Historical and political Background of Maharashtra
		i) Sanyukt Maharashtra Movement
	Aug	ii) State Reorganization commission
		2) Organization of Government
		i) Executive: Governor and C.M.
	sep	ii) Legislature: composition, power and Functions
		iii) Judiciary; High Court structure and power
	oct	3) Movements
		i) Cooperative Movement
		ii) Peasant Movement
	Nov	iii) Dalit Movement
		iv) Feminist Movement

Dept Political science **PERSONAL TIME TABLE** 2017-2018

Period No.	Time	class	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	8.30 to 9.20	B.A. III	VII & XVI	VII & XVI				
2	10.10 11.00	B.A. II				IV & XI	IV & XI	IV & XI
3	11.00 to 11.50	B.A III	V & XIII	V & XIII	V & XIII			
4	11.50 to 12.40	B.A I (A+B)				II & X	II & X	II & X
5	12.40 1.30	B.A. I B.A III	V & XIII		II & X			
6	1.30 to 2.20	B.A I B.A II			VIII	IV & XI	VIII	
7								
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9								
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Asst. Prof. Gondkar T. D

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MONTH WISE TEACHING PLAN

Class B.A III ..... Paper (VI) Western political Thinkers

Sr. No.	Month	Topics / Practicals to be Completed
		SEMESTER - I
1]	June	1] Plato views on: Justice, (communism) education, ideal state
2]	July	2] Aristotle views on:- state, citizenship Revolution 3] Niccolo Machiavelli Human Nature, advice to the Prince, views on Religion and Morality
3]	August	4] Thomas Hobbes Human Nature, social constiot Theory and concept of sovereignty
4]	September	4] John Locke Human Nature, social Theory
5]	October	5] John Locke Ideal of Rights

Period Allotted - 60

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MONTH WISE TEACHING PLAN

Class B.A III ..... Paper (VI) Western political Thinkers

Sr. No.	Month	Topics / Practicals to be Completed
		SEMESTER - II
6]	November	1] Jean Jacques Rousseau 1.1] Human Nature 1.2] social contract Theory 1.3] ideal of genral will
7]	December	2] John Stuart Mill 2.1] Utilitarianism 2.2] idea of liberty 2.3] Representative government
8]	January	3] Jeremy Bentham 3.1] ideas on state 3.2] ideas on government 3.3] Laws and Reforms 3.4] idea on Right 3.5] idea on punishment 3.6] Utilitarianism
9]	February	4] Karl Marx 4.1] Dialectical materialism 4.2] Materialistic interpretation of History 4.3] Theory of class struggle 4.4] Theory of surplus values 4.5] Views of state Revolution
10]	March	5] Harold Laski 5.1] Pluralistic Theory of sovereignty 5.2] Views on liberty

Period Allotted - 6

MONTH WISE TEACHING PLAN

Class BA II Paper (II) Indian Government & Politics

Sr. No.	Month	Topics / Practicals to be Completed
		SEMISTER-I
1	June	1) Indian constitution 1.1) sources 1.2) Preamble 1.3) Features
2	July	2) constitutinal provision 2.1) Fundamental rights 2.2) Directive principal of state policy
3	August	3) Union government 3.1) President 3.2) Parliment 3.3) Prim Minister 4) Budgetary process and parlimentary 4.1) Budgetary process
4	September	4.2) Public Account committee 4.3) Estimate committee 5) constitutinal institution 5.1) Attorney genral
5	october	5.2) comptroller and Auditor general

Period Allotted - 60

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MONTH WISE TEACHING PLAN

Class BA II Paper (II) Indian Government & Politics.

Sr. No.	Month	Topics / Practicals to be Completed
		SEMISTER-II-
6	November	1) Supreme court 1.1) Structure, Power and functions 1.2) power of judicial Review
7	December	2) central - state Relations 2.1) Legislative 2.2) Administrative 2.3) Financial
8	January	3) Ideology and problem of the political parties in india 3.1) Feature of party system in India 3.2) Indra National congress party 3.3) Bhartiya janta party 3.4) Community party
9	February	4) election commission and election Reforms 4.1) composition, power, Function Role, and importance
10	March	4.2) electoral Reforms in India

Period Allotted - 60

MONTH WISE TEACHING PLAN

Class B.A.I Paper (I) Basic Concept of Political sci

Sr. No.	Month	Topics / Practicals to be Completed
		SEMISTER-I :-
1	July	1) State 1.1) meaning & Nature. 1.2) Element of state 1.3) Theories of Origin of state :- Divin theory, social contract Theory Evolut theory Theo
2	August	Government :- 2.1) meaning & Defination. 2.2) organ of Government :- Legislature executive and Judiciary 2.3) Type of Government : Unitary, Fideral Parliamentary & Presidential.
3	September	Sovereignty 3.1) meaning & defination & Types 3.2) Austin's Theory of Sovereignty. 3.3) Pluralistic Theory of Sovereignty. - Sitizenship & Rights - 4.1) citizenship meaning, Types and Methods of Acquisition.
4	October	4.2. Meaning, Difination and - Types of Rights and Duties.
5	—	—

Period Allotted :- 60

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MONTH WISE TEACHING PLAN

Class B.A.I Paper (I) Basic Concept of political science

Sr. No.	Month	Topics / Practicals to be Completed
		SEMISTIR-II :-
6	November	- Liberty Equality Justice. - meaning & Defination
7	December	2.1) Type of liberty and Equality. 2.2) Idea of social Justice.
8	January	- Rights - 2.1) meaning and Nature. 2.2) Type of Rights.
9	February	Democracy :- 3.1) meaning & feature. 3.2) Direct & Indirect democracy. 3.3) Merties and Demerits of Democracy.
10	March	- Welfare State - 4.1) meaning & feteres 4.2) function of welfare State.

Period Allotted :- 60

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MONTH WISE TEACHING PLAN

Class BA III Paper (VII) Political ideology

Sr. No.	Month	Topics / Practicals to be Completed
		SEMISTER - I
1]	June	1) Natinalisum
2]	July	2) liberalism
3]	August	3) Democracy
4]	September	4] Imperialisum 5) Ferminisum
5]	octomber	—

Period Allotted - 60

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MONTH WISE TEACHING PLAN

Class BA III Paper (VII) Political ideology

Sr. No.	Month	Topics / Practicals to be Completed
		SEMISTER - II
6]	November	1) Socialisum
7]	December	1) Socalisum
8]	January	2) communisum
9]	February	2) Facsisum
10]	March	4) Anarchisum

Period allotted - 60

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MONTH WISE TEACHING PLAN

Class B.P.Ed. Paper (IV) Health Ed" & Recreation in Phy Ed & sports.

Sr. No.	Month	Topics / Practicals to be Completed
6	June -	Unit-I Health Education.
		(a) Concept of objectives of Health Education
	July -	(b) Importance of Health education.
		(c) Principles of Health Education
	Aug -	Unit-II Contemporary Health Problems.
		(a) Abuse of Alcohol & its effects on individual, family & community.
		(b) Eating Habits & its effect on Health
	Sept -	(c) Effect of Drugs & Tobacco on Sports person.
		Unit-III family & Health Education
		(a) meaning functions & importions of family as a social institution.
	Oct -	(b) Role of parents in child Health care
		(c) Health Care during Disasters.
	Nov -	Unit-IV - Introduction in Phy Edn and sports.
		(a) meaning, Need & scope of Recreation
		(b) principles of Recreation.

MONTH WISE TEACHING PLAN

Paper ( )

Month	Topics / Practicals to be Completed
Dec -	(c) Types of Recreation
	Unit-V Planning a programme of Recreation.
	(a) Urban recreative programme.
Jan -	(b) Rural Recreation programme.
	(c) Industrial Recreative programme.
Feb.	Unit-VI Viagencies promoting Recreation
	(a) facilities of Recreation
	(b) organization of Recreation
March -	(c) Leadership in Recreation

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MONTH WISE TEACHING PLAN

Class B.A III rd Paper (IX) Administration Supervision in phy. Edu. Youth welfare & youth Services.

Sr. No.	Month	Topics / Practicals to be Completed
	June	- A extra moral programme & need importance.
	July	- Selection and coaching of team @ Emotional development of the students
	Aug -	- supervision in physical education - meaning purpose & scope of Super visior
	Sept.	objective and Feature qualities of super visior unit II. youth welfare & youth services

MONTH WISE TEACHING PLAN

Class ..... Paper ( ) .....

No.	Month	Topics / Practicals to be Completed
	oct -	concept of youth welfare & youth services - youth organisation in india social services
	Nov.	Social - services
	Dec -	meaning, purpose and scope of super visior
	Jane -	methods of Grouping and fixture
	feb -	- objective of inter - moral programs
	march -	- Social services.

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MONTH WISE TEACHING PLAN

Class ..... Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed
	Nove.	modern olympic Gams
	Dec.	unit II Government Bodies & polices in physical - educati - Nature & Educational system in modern indig
	Janu.	Education & physical Education polices in indig - central Advisiory Board ots physical Education
	feb -	schme and Awards Related to - physical & Sports - Arjung Awards - Dronacharya Awards - Rajiv. Gandhi Khel Ratna Awards

MONTH WISE TEACHING PLAN

Class ..... Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed
	march -	Institution of physical education in indig 1) Y.M.C.A College of physical - education of method 2) L.N.I.P.E. Gwalior & N.S.N.I.S patiala 3) H.V.P.M. Amravati

MONTH WISE TEACHING PLAN

Class B.A. III rd Paper (Ancient & modern History of physical ed^n & sports)

Sr. No.	Month	Topics / Practicals to be Completed
①	June –	Introduction of physical Education ① Vedic period ② Epic period ③ Buddhist period.
②	July –	physical Education in the state of sports and ~~pastimes~~. Athens. A) physical Education in ancient Rome B) physical education and moral education C) Physical Education in mughal period.

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MONTH WISE TEACHING PLAN

Class ..... Paper ( )

Sr. No.	Month	Topics / Practicals to be Completed
	August	~~III~~ physical Education in India after Independance A) physical Education in British period B) Ancient olympic games Historical Back Ground C) modern olympic Games
	Sept.	physical Education and moral Education – physical – education in mughal period – physical – education in India ~~after~~ Independance
	oct –	physical – education in British period Ancient olympic games Historical Background

PERSONAL TIME TABLE 2017-18 - Physical Education

Period No.	Time	Class	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1		BA Ist	phy-Edn pract.	phy-Edn pract.	phy-Edn pract.	phy-Edn pract.	phy-Edn pract.	phy-Edn pract.
2								
3		B.A. IInd	phy-Edn Thy.	phy-Edn Thy.	phy-Edn Thy.	phy-Edn Thy	phy-Edn Thy	phy-Edn Thy
4								
5		B.A. IInd	phy-Edn Thy.	phy-Edn Thy.	phy-Edn Thy.	phy-Edn Thy	phy-Edn Thy.	phy-Edn Thy.
6								
7		B.A. IIIrd	phy-Edn pract.	phy-Edn pract.	phy-Edn pract.	phy-Edn pract	phy-Edn pract	phy-Edn pract.
8								
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MONTH WISE TEACHING PLAN

Class B.A. Sem. Paper (V officiating Coaching & Training methods in Phy. Edn & Sports) ass ..... Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed . No.
	June -	Unit-I officiating of Games and Sports.
		(a) meaning & definition of officiating
	July -	(b) Importance of officiating in physical Edn & sports
		(c) Qualities of good officials.
	Aug -	(d) Duties & Responsibilities of official.
		(e) Rules & marking system of Indian foreign Games.
	Sept -	Unit-II Coaching of Games & Sports
		(a) - meaning & Definition of Coaching
		(b) Importance of coaching in Games and Sports.
	Oct -	(c) Qualities of God Coach.
		(d) Duties & Responsibilities of Coaches.
	Nov -	Unit-III - origine & Development of Games & Sports.
		(a) Fundamental & Advanced skills of Indian Games.
		(i) Kabaddi (ii) kho-kho
		(iii) wrestling (iv) Ball badminton

MONTH WISE TEACHING PLAN

Month	Topics / Practicals to be Completed
Dec -	(b) Fundamental & Advanced Skills of foreign Games.
	(i) Volley Ball (ii) Soft Ball.
	(iii) Badminton (iv) Table Tennis.
Jan -	Unit-VI - Trainning methods in Games and Sports.
	(a) Need of Sports Training
	(b) principles of sports Trainning
Feb -	(c) factors affecting the sports Training
Feb -	(d) Procedure & planning of specific Traing.
	Unit-V - Types of Trainning method in Games and Sports.
	(a) weight Trainning.
	(b) Circuit Trainning
March -	(c) fartlek Trainning
	(d) Interval Trainning.

MONTH WISE TEACHING PLAN

Class ..... Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed
	Jan	a) History of the Game b) Rules of Regulation of the Game c) Different Training Methods d) Training Schedule Fundamental Skills of the Game (A) Tech of the Game (i) offensive (ii) Defensive (a) Ground moving System
	Feb	a) Preparation of Record books i) Submitting Compulsory any opted any one Game / Track athletic events (Remarks) (i) Running Event Long distance ii) Jumping Events (Vertical Jump iii) Throwing Events (Discus throw

MONTH WISE TEACHING PLAN

Class T.Y.B.A. Paper (305) Physical Edu Practical

Sr. No.	Month	Topics / Practicals to be Completed
	Jun	TRACK & field events a) 400 Mtrs Run (Mens/Womens) Remarks
	July	B) High Jump (Men & Women) Remarks i) Introduction (ii) Safety Precautions Techniques (iv) Teaching States
	Aug	a) Approach Run (b) Take off (c) Position in the air (d) Body Action in the Air (e) Landing
	Sep	(i) Grip of Javelin (ii) Approach Run (iii) Releasing the Javelin (iv) Body Controlling
	Oct	D) Students will have to opt anyone major Games of the following on Skill test Remarks
	Nov	Okho-Kho ii Foot ball
	Dec	a) Soft ball & basket ball Key Fundamental Skills (b) Offensive Skills (c) Defensive Skills (d) Techniques Tactics
	Jan	(E) Preparation of Record Book any one major Games / Event wise Evaluation of the following Units

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MONTH WISE TEACHING PLAN

Class ..... Paper ( ) .....

Sr.No.	Month	Topics / Practicals to be Completed
		(b) Sports Authority of India (SAI)
	Feb.	Unit-III HISTORICAL DEVELOPMENT of ANCIENT OLYMPIC GAMES & MODERN OLYMPIC GAMES a) philosophy of Olympisms & its impact on Sports movements in india. b) currents Trends in Physical edu. i) Role of federations & Associations (ii) courses & coaching centres. (iii) Policies of central & state Governments for Physical education & sports. c) Movements of Aphadi Vyayam Shalas in maharashtra.
	Ref	

MONTH WISE TEACHING PLAN

Class S.Y.B.A. Paper (204) Physical Edu. Practical

Sr. No.	Month	Topics / Practicals to be Completed
	Jump	Track & field Events (Practical's) A) Event wise Performances a) 200 metres Running for men & women (20 marks)
	July	b) Tribal Jump (men & women) 20 marks
	Aug	i) Introduction (ii) Safety (iii) Techniques (iv) Teaching Steps
	Sep	Teaching steps:- Approach Run (ii) Take off (iii) Flight in the air (iv) Body action (v) Landing
	Oct	Discus Throw 20 marks i) Introduction (ii) Safety Precautions (iii) Techiques
	Nov	Techniques:- i) Standing Throw
	Dec	(ii) Rotational Throw Teaching Steps:- step (i) Holding the discus (ii) Stance (iii) Action (iv) Follow Through B) Net Games - Any one of the following games (20 marks) i) Volley ball (ii) Ball Badminton (iii) Cricket (iv) Table Tennis

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MONTH WISE TEACHING PLAN

Class ..... Paper (10) ..... Class ..... Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed
	June	UNIT I PHYLOSOPHICAL foundation (a) meanings / definition of Philosophy of Phy Edu. (b) components of Philosophy its application in the field of Phy Edu. (c) Traditional & modern Philosophy their implication the Programme of Education. (d) Philosophies of education applicable to physical edu. (i) Idealism (ii) Naturalism (iii) Realism (iv) Humanism
	July	Unit-II SOCIOLOGICAL foundATIONS a) Sociological Basic of Phy Edu b) Social Environment for development of Individual personality c) socialization of Sports. (d) Social Nature & Social Recognition
	Aug	Unit (i) Integration of Phy Edu with other faculties. a) Integration of Phy edu with history b) Integration of Phy edu with Psychology c) Integration of Phy Edu with Sociology.

Sr. No.	Month	Topics / Practicals to be Completed
	Sep	Unit (iv) Natural Phy Edu System (a) Ancient Indian medieval India
	Oct	b) Phy Edu in Ancient civilization with reference to (i) India (ii) Greece (iii) Rome (iv) Egypt
	Nov	Development of Phy Edu with special reference. (i) U.S.S.R (ii) U.SA (iii) Germany
	Dec	Unit-V PHYSICAL EDUCATION IN INDIA DURING 20TH CENTURY a) meaning, definition, Aims & objectives of Physical Edu.
	Jan	(b) Phy Edu Training Institutions. (c) Physical education after Independence (i) Central Advisory Board of physical edu.
	Feb	(ii) All India Council of Sports (AICS) (iii) Netaji Subhash National Institute of Sports (NSNIS) (iv) Laxmibai National Institute of Phy Edu (LNIPE)

Name of the Teacher **PERSONAL TIME TABLE** 2017-18

Period No.	Time	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	9.20 Am BA III 10.10 Am	S.P	S.P	S.P			
2	10.10 Am to 11 AM BA II						
3	11 AM BA I (A/C) 11.50 Am	Phy edn I	Phy edn I	Phy edn I	Phy edn I	Phy edn I	Phy edn I
4	11.50 Am BA III to 12.40 P.m						
5	12.40 Pm BA I 1.30 Pm	Pract	Pract	Pract	Pract	Pract	Pract
6	1.30 Pm BA II 2.20 Pm	Pract	Pract	Pract	Pract	S.P	S.P
7							
8							
9							
10							

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MONTH WISE TEACHING PLAN

Class ..... Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed
	Jan	Compulsory a) Recreative Running b) High Jump
	Feb	c) Javelin Throw (d) Kho-Kho / Football / Soft ball / basket ball

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class F.Y.B.A Paper (301) Physical Edu.

Sr. No.	Month	Topics / Practicals to be Completed
	June July	TRACK & field Event (Event wise performance test) (a) 800 mts. Run (Ramp Women) 2 Runs
	Aug Sept	(b) Officiating & Coaching of Rules of the Games (Any one) Major Games Rules
	Oct	(c) The candidates will have to perform any Two of the following Asanas.
	Nov	i) Trodasana (ii) Chakrasana (iii) Vajrasana (iv) Padmasana (v) Halasana (vi) Bhavasana etc. with Astanga Yoga Additional
	Dec	d) Preparation of Submission of Record book on the following items
	Jan	i) TRACK marking & Race ii) Rules & Regulations of any one major Games of the
	Feb	iii) Yogasana (iv) Pranayama

MONTH WISE TEACHING PLAN

Class ..... Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed
	Jan	a) History of the Game b) Rules & Regulation of the Game c) Different Training Methods (d) Training Schedule Fundamental Skills of the Game (f) Techniques of the Game (i) offensive (ii) Defensive (a) groundmanship System
	Feb	a) Preparation of Record books its Submissing. Compulsory any opted any one game / Indl athletic event. (Remarks) (i) Running Event Long race (ii) Jumping Events (Vertical Jump (iii) Throwing Event (Discus throw

MONTH WISE TEACHING PLAN

Class T.Y.B.A. Paper (305) Physical Edu Practical

Sr. No.	Month	Topics / Practicals to be Completed
	Jun	TRACK & field events A) 100 Mts Run (Men & Women) Long
	July	B) High Jump (Men & Women) Remarks i) Introduction (ii) Safety Precautions Techniques (iv) Teaching Steps
	Aug	a) Approach Run (b) Take off (c) Position in the air (d) Body Action in the Air (e) Landing
	Sep	(i) Grip of Javelin (ii) Approach Run (iii) Retaining the Javelin (iv) Body Controlling
	Oct	D) Students will have to opt any one major Games of the following on Skill test Remarks
	Nov	Okho-Kho ii Foot ball
	Dec	a) Soft ball & basket ball Key Fundamental Skills (b) Offensive Skills (c) Defensive Skills (d) Techniques Tactics
	Jan	(E) Preparation of Record Book any one Major Games / Event wise Eval of the following Units

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MONTH WISE TEACHING PLAN

Class ..... Paper ( ) .....

Sr.No.	Month	Topics / Practicals to be Completed
		(v) Sports Authority of India (SAI)
	Feb.	Unit II HISTORICAL DEVELOPMENT of ANCIENT OLYMPIC GAMES & MODERN OLYMPIC GAMES a) philosophy of Olympism & its impact on Sports movements in india. b) currents Trends in Physical edn. c) Role of federations & Associations (i) courses & coaching centres. (ii) Policies of central & state Governments for physical education & sports. d) Movements of Aphada Vyayam Shala in Maharashtra.
	Mar. Rev.	

MONTH WISE TEACHING PLAN

Class S.Y.B.A. Paper (204) Physical Edu. Practical

Sr. No.	Month	Topics / Practicals to be Completed
	Jump	Track & field. Events (Practical) A) Event wise Performances a) 200 metres Running for men & women (20 marks)
	July	b) Triple Jump (men & women) 20 marks
	Aug	i) Introduction (ii) Safety (iii) Techniques (iv) Teaching Steps
	Sep	Teaching Steps :- Approach Run (ii) Take off (iii) Flight in the air (iv) Body action (v) Landing
	Oct	Discus Throw 20 marks i) Introduction (ii) Safety Precautions (iii) Techiques
	Nov	Techniques :- i) Standing Throw
	Dec	(ii) Rotational Throw Teaching Steps :- step (i) Holding the Discus (ii) Stance (iii) Action (iv) Follow Through B) Mixed Games - Rules of the following Games (30 marks) i) Volley ball (ii) Ball Badminton (iii) Cricket (iv) Table Tennis

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MONTH WISE TEACHING PLAN

Class ..... Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed

MONTH WISE TEACHING PLAN

Class ..... Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed

Mr. Prashant R Mehta — **PERSONAL TIME TABLE** 2017-18

Period No.	Time	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	9.20 Am BA III 10.10 Am	S.P	S.P	S.P			
2	10.10 Am to 11 Am BA II						
3	11 Am BA I (A/C) 11.50 Am	Phy Edu I	Phy edu I	Phy edu I	Phy edu I	Phy edu I	Phy Edu I
4	11.50 Am BA II to 12.40 P.m						
5	12.40 Pm BA I 1.30 Pm	Prac	Prac	Prac	Prac	Prac	Prac
6	1.30 Pm BA II 2.20 Pm	Prac	Prac	Prac	Prac	S.P	S.P
7							
8							
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MONTH WISE TEACHING PLAN

Class ..... Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed
	Jan	Compulsory a) Sprinting Running b) High Jump
	Feb	c) Javelin Throw (d) Kho-Kho / Football / Soft ball / basket ball

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class F.Y.B.A Paper (301) Physical Edu.

Sr. No.	Month	Topics / Practicals to be Completed
	June	TRACK & field Event (Event wise Performance test)
	July	(A) 800 mts Run (Jump Women) 2 Runs
	Aug	(B) Officiating / Coaching / Rules of the Games (Any one)
	Sep	major Games Rules
	Oct	(C) The candidates will have to perform any Two of the following Asnas.
	Nov	i) Trodasana ii) Chakrasana (iii) Vajrasana (iv) Padmasana (v) Halasana (vi) Shawasana etc. with Astange Yoga Additional
	Dec	D) Preparation of submission of Record Book on the following (Compulsory)
	Jan	i) TRACK marking & Procedure ii) Rules & Regulations of any one major Games of the
	Feb	(iii) Yogasana by Pranayama

Department of Chemistry 2017 - 2018

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class F.Y.B.Sc. **Paper (** III **)** Lab Course – I Sem-I

Sr. No.	Month	Topics / Practicals to be Completed
1	June	Sem I.
2	July	Volumetric Analysis Preparation of 0.1 N NaOH solution and its Standardization of given oxalic acid solution. Preparation of 0.1 N oxalic acid soln & its standardization by given KMnO4 soln.
3	August	Inorganic Qualitative Analysis ① $EdSO_4 + NH_4Cl$ ② $BaCO_3 + Al_2(NO_3)_2$ ③ $ZnCO_3 + KBr$ ④ $MnCO_3 + MgSO_4$ ⑤ $NiSO_4 + MgSO_4$
4	September	Eudiometer. Determination of Equivalent wt of mg. Viscometer - To determine Viscosity of given liquid by viscometer Stalgonometer - To determine surface tension of given liquid To study the effect of acid strength on the hydrolysis of an ester.
5	October	To determine the specific reaction rate of the hydrolysis methyl / ethylacetate catalysed by hydrogen ion at room temp Verification of Lambert Beers-law.

MONTH WISE TEACHING PLAN

Class T.YBSc. Paper (XVII) Organic chemistry

Sr. No.	Month	Topics / Practicals to be Completed
9	February.	Synthetic Dyes & Drugs Synthetic Dyes – Defn Colour, and constitution of dye, classification based on chemical constitution Synthesis of methyl orange Congo red, malachite green, Crystal violet, Alizarin & Indigo dyes Synthetic Drugs - Defn. Introduction, classification of drugs Properties of ideal drugs synthesis of chloromycetien, paracetamol, phenacetien, sulphaguaidine
10	March	

MONTH WISE TEACHING PLAN

Class T-YBSc Paper (XVII) Organic Chemistry

Sr. No.	Month	Topics / Practicals to be Completed
9	January	in to mannose. Determination of openchain structure of glucose, & Pyranose ring structure of glucose, Mechanism of Mutarotation, & Introduction to disaccharide (maltose, Sucrose, & lactose) and polysaccharides. without involving Structure determination. Synthetic polymers: Introduction classification based on nature of synthesis with examples, Properties, Uses, and synthesis of polyvinyl Chloride, polyvinyl acetate, Polystyrene, polyacrylonitrile Nylon, 6, Nylon 66, Introduction to Synthetic and natural Rubber properties Uses, and Synthesis of Buna N, Neoprene, and Silicon Rubber.

MONTH WISE TEACHING PLAN

Class T.YBSc **Paper** (XVII) Organic chemistry

Sr. No.	Month	Topics / Practicals to be Completed
6	November	Heterocyclic Compounds Introduction. molecular orbital picture & aromatic characteristics of Pyrrole, furan, thiophene, and Pyridine, Methods of Synthesis and chemical reactions with particular emphasis on the mechanism of electrophilic substitution. mechanism of Nucleophilic substitution reaction in pyridine, Comparison of basicity of pyridine, piperidine & pyrrole. Condensed Heterocycles Introduction, Preparation of Quinoline. (Skraup syn) Isoquinoline (Bischler-Napieralski) & Indole (Fischer indole syn) Carbohydrates Defn, Introduction and classification, monosaccharide. Inter conversion of Glucose, fructose Chain lengthening, Chain shortening of aldoses. Conversion of Glucose
7	December	

MONTH WISE TEACHING PLAN

Class T.YBSc Paper (XIV) Organic chemistry

Sr. No.	Month	Topics / Practicals to be Completed
4	September	Fats, oils and detergents Natural fats, edible and Industrial oils of vegetable origin, manufacture of soyabean oil by solvent extraction method and isolation and uses of essential oils. Types of animal fats and oils, definations of saponification value, Iodine value & Acid value, Detergents :- Defn, Introduction, and preparation of Sodium alkyl sulphonate, alkylbenzene sulphonate, and amide sulphonate, cleaning action of detergent.
5	October	

MONTH WISE TEACHING PLAN

Class T.Y.B.Sc Paper (XIV) Organic chemistry

Sr. No.	Month	Topics / Practicals to be Completed
3	August	Organo zinc compounds - diethyl Zinc formation and chemical Reactions - Organo Lithium compounds - n - butyllithium formation and chemical reactions. Organic synthesis via Enolates Defn. Active methylene compounds preparation of Aceto acetic ester Acidity of α. hydrogen properties and reactions involving formation of mono, di, and Unsaturated carboxylic acids also synthesis of ketone, diketone, 4 methyl - Uracil. From acetoacetic ester keto enol tautomerism. Preparation of diethyl malonate properties and reactions involved in alkylation, formation of mono di, and unsaturated carboxylic acid and also synthesis of amino acid, and barbituric acid from diethyl malonate.

MONTH WISE TEACHING PLAN

Class T.Y B.Sc Paper (XIV) Organic Chemistry

Sr. No.	Month	Topics / Practicals to be Completed
1	June	Spectroscopy. Nuclear magnetic resonance (NMR) spectroscopy. Proton magnetic resonance (^{1}H NMR) spectroscopy, Nuclear shielding and deshielding, Chemical shift and molecular structure spin-spin splitting and coupling constant, areas of signals. Interpretation of PMR spectra of simple organic molecules such as ethyl bromide, ethanol acetaldehyde, 1,1,2 tribromo ethane, ethyl acetate, toluene, Acetophenone problems pertaining to the str. elucidation of simple organic compounds using UV, IR, & PMR spectroscopic techniques.
2	July	Organometallic compounds Organomagnesium compounds alkyl magnesium halides, ethyl magnesium bromide formation, str. and chemical reaction.

Mr. Jagadale S. V.

PERSONAL TIME TABLE Dept. Chemistry. 2019-18

Period No.	Time	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	11.00 to 11.50				T.Y.B.Sc XIV & XVI	T.Y.B.Sc XIV & XVII	T.Y.B.Sc XIV & XVII
2	1.30 to 4.00	F_I	F_{II}	F_{III}	F_{IV}	F_V	F_{VI} + XVII
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MONTH WISE TEACHING PLAN

Class F.Y.B.Sc. Paper (VI) Lab Course - II Sem - II

Sr. No.	Month	Topics / Practicals to be Completed
6	November	Organic Qualitative Analysis Nature / Functional group / Element / Derivative / Physical Constant, Benzoic acid Salicylic acid β-naphthol p-nitroaniline Naphthalene Acetanilide
7	December	
8	January	Organic Estimation ① phenol by Bromination. ② Estimation of basicity, molecular weight of organic acid. (Oxalic / Acetic Acid)
9	February.	

MONTH WISE TEACHING PLAN

Class ..... Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed
		(VSEPR) theory of AH_3, SF_4, ClF_3, ICl_2 and H_2O. MO theory homonuclear (He, N_2 and O_2) and heteronuclear (CO and NO) diatomic molecules, bond strength & bond energy, percentage ionic characters from dipole moment and electro negativity difference. S.Y.B.Sc. Lab Course: VIII iii) Benzoyal Derivative of aniline iv) Benzoyal Tr of β-napthol
3.	Jan. 2018	F.Y.B.Sc: Chap. II: (B) Ionic Bonds — Definations, factors affecting ionic bond formation. (C) Hydrogen bonding - Vanderwals forces, metalic bond and its free electron concept. chap. III: Nuclear chemistry: Definition, Atomic number, mass number, Isotopes, Isobars, mass defect, bending energy. S.Y.B.Sc.: Lab Cours: VIII v) Bromo derivative of - α phenol

[sem. II & IV]

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class F.Y. + S.Y.B.Sc. Paper (VI + Lab VIII) Inorganic Chemistry + Practical

Sr. No.	Month	Topics / Practicals to be Completed
1)	Nov. 2017	Sem. II F.Y.B.Sc: P. VI. Chap. I: chemistry of noble Gases — chemical properties of the nobel gases, chemistry of xenon. S.Y.B.Sc.: Lab course VIII i) Acetyl Derivatives of – Aniline ii) — " — salicylic acid.
2)	Dec. 2017	F.Y.B.Sc.: P VI Chap. I: structure and bonding in xenon compounds. Chap. II: Chemical Bonding — (A) covalent Bond: Valence theory and its limitations, directional characteristics of covalent bond, various types of hybridisation and shapes of simple inorganic molecules and ions, Valence shell electron pair repulsion

MONTH WISE TEACHING PLAN

Class ..... Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed
57	Oct - 2017	comparative study of groups 13-17 elements compounds like hydrides oxides of groups 13-16, interhalogen compounds and its types.

MONTH WISE TEACHING PLAN

Class ..... Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed
4.	Sep-2017	Comparative study, diagonal relationship, silent features of hydrides, solvation and complexation tendencies including their functions in biosystem.
		Chap. IV : P-block elements : comparative study (including diagonal relationship) of groups 13-17 elements.
		S.Y.B.Sc. (Practicals) - Lab course VI - 5) estimation of Zn by EDTA solution using EBT indicator. 6) estimation of Ni by EDTA using murexoxide indicator. 7) estimation of Cu by EDTA using fast sulphon black F indicator.

Sem 1 & II

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class F.Y.B.Sc. Paper (1) Inorganic chemistry (Sem 1)

Sr. No.	Month	Topics / Practicals to be Completed
1	June 2017	→ Chap. 1: Atomic Structure :- Atomic orbitals, Quantum numbers, Heisenberg's uncertainty Principles
2	July: 2017	Heisenberg's uncertainty pirciple, shapes of s, p, d-orbitals, Aufbau and Paulis exclusion principles, Hund's multiplicity rule, electronic configuration of the elements, Bhors atomic model, → chap II: Periodic Properties: Atomic and ionic radii,
3.	Aug. 2017	S.Y.B.Sc. Pract: Lab course VI: 1) Est. of Zn. 2) Est. of Mn. Ionization Energy, Electron affinity, Electro negativity. Trends in periodic table and application in predicting and explaining the chemical behaviour. Chap: III - S block Elements: Introduction S.Y.B.Sc Practicals :- Lab course : VI : 3) Estimation of Ni as Ni-DMG 4) Estimation of Ba gravimetrically as $BaCrO_4$.

Dr. Kishore Nabaji Koinkar **PERSONAL TIME TABLE** Year: 2017 – 2018

Period No.	Time	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	10:10 to 11:00 am.	—	—	—	F.Y.B.Sc. P-I (Inorg.)	F.Y.B.Sc. P-I (Inorg.)	F.Y.B.Sc. P-I (Inorg.)
2	01:30 to 04:00pm.	S.Y.B.Sc. Practical. S1	S.Y. 3:30 to 6:00 Prac. S(II + V + XI)	S.Y. (Prac.) S(VII + VIII + XIII)	S.Y. (Prac.) S2	S.Y. (Prac.) S3	S.Y. (prac.) 3:30 to 6:00pm S(VI + X)
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MONTH WISE TEACHING PLAN

Class ..... Paper ( ) .....

r. No.	Month	Topics / Practicals to be Completed
		(b) ceramic acid. vi) estimation of nitro group by ester hydrolysis. vii) estimation of amides by - hydrolysis.
4)	Feb. 2018	Chap: III; Packing fraction n/z ratio, Radio activity, properties of radioactive elements, artificial transmutation, application with respect to trans-uranic elements carbon dating.

Department of Botany 2017 - 2018

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kad

MONTH WISE TEACHING PLAN

Class ~~S.Y.B.Sc.~~ **Paper (** XIII **)** Gymnosperm and utilization of plant

Sr. No.	Month	Topics / Practicals to be Completed
	practical Feb-2018	Utilization of plant — a) Food plants :- study of the morphology, structure and Histo-chemical Test of Food storing tissue in Jowar and wheat b) Histochemical Test of Lignine and cellulose c) cultivation of oster mushroom on agricultural waste
	March-2018	d) vegetable oil — hand section of groundnut & sun-flower seed and staining of oil droplets by Sudan-III e) study of source of timber, gum, medicinal plants cosmatics and Perfumes f) study of black-paper clove, cinnamon, cumin coriander

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class S.Y.B.Sc. Paper (practical III) Gymnosperm and Utilization of plant

Sr. No.	Month	Topics / Practicals to be Completed
	~~Oct~~ Nov-2017 -	Gymnosperm:- a) cycas :- i) Habit young leaf, bulbil, male cone, microsporophyll, megasporophyll pollen grain, mature seed. ii) Study through permanent slide - Normal root (T.S), stem (T.S) ovule (L.S) iii) Study of coralloid root (T.S), Rachis (T.S) leaflet (T.S)
	Dec-2017 -	b) Study of pinus i) Habit, long and dwarf shoot, scale leaves, foliage leaves, male cone female cone, pollen grain, winged seed ii) Study through permanent slide T.L.S & R.L.S of stem L.S of male cone, L.S of female cone
	JAN-2018 -	Study of Gnetum i) Habit T.S of stem, male & female cone paleobotany a) type of fossile b) Lygenopteris (specimen / slide)

MONTH WISE TEACHING PLAN

Class ~~S.Y.B.Sc.~~ ..... **Paper (** VII (Practical) Taxanomy of ~~Angiosperms~~ .....

Sr. No.	Month	Topics / Practicals to be Completed
	Jun-2017	practical based on - paper - VII study of locally available plant of the following families 1) Annonaceae 2) malvaceae
	July-2017	Family - Leguminaceae a) Fabaceae (papilionaceae) b) ceasalpinaceae c) mimosaceae
	August 2017 Sept-2017	Family - 5) Apocynaceae 6) Solanaceae 7) Lamiaceae 8) Nyctaginaceae
	oct-2017	- Family 9) Liliaceae 10) poaceae

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MONTH WISE TEACHING PLAN

Class F.Y.B.Sc..... Paper (V) Histology, Anatomy and Embryology

Sr. No.	Month	Topics / Practicals to be Completed
		c) Wood Anatomy. growth ring Hard wood. Sap wood. d) periderm -: origin, structure and function.
	Feb- 2018	Embryology :- a) structure of Anther. micro-sporogenesis and development of male gamatophytes b) structure and type of ovule -megasporogenesis and development of female gamatophytes c) pollination :- machanism type and Agencies. d) Double Fertilization and its significance e) Development of Dicot embryo (crucifer type) f) structure development and type of endosperm g) structure of Dicot and monocot seed. Exam -

Semester - II

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class ..F.Y.B.Sc.. Paper (II) ..Histology, Anatomy and Embryology..

Sr. No.	Month	Topics / Practicals to be Completed
7.	Nov- 2017	Syllabus distribution to student Introduction about paper a) i) type of tissue - meristematic tissue, meristem structure type based on origin and position
	Dec- 2017	ii) permanent tissue :- simple, complex and secretory tissue iii) Epidermal tissue - trichome and stomata b) Histological organization of root and shoot apices c) various type of cellular organization
	Jan- 2018	Unit - 2 - Anatomy - a) primary structure of root stem and leaf of monocot (maize) and Dicot (sunflower) b) Secondary growth root and stem of Dicot (Sunflower)

MONTH WISE TEACHING PLAN

Class F.Y.B.Sc. Paper (II) Morphology of Angiosperm.

Sr. No.	Month	Topics / Practicals to be Completed
5	Oct - 2017.	Unit - 2 Morphology of Reproductive organs 2.1- Inflorscence - Recimose, cymose and special types 2.2. Flower - Defn part of typical flower Forms of thallamus, Androphore gynophore, gynandrophore. Insertion of floral whorls on Thallamus (Hypogyny, perigyny and epigyny) • structure function and modification of calyx, corolla, and Androecium & gynoecium. Astivation and placentation.
6	Oct - 2017.	unit. 2.3. Fruit = types of fruits 2.4- Fruits and seed. dispersal stratigies. Diwali vacation

MONTH WISE TEACHING PLAN

Class ~~F.Y.B.Sc.~~ **Paper (** II **)** Morphology of Angiosperm

Sr. No.	Month	Topics / Practicals to be Completed
4	Sept 2019	Unit-2 - 1.2 Morphology of vegetative organs: a) Root:- characteristics, function, regions of root, type- tap root and Adventatious root for storage and mechanical supports and vital function stem - characteristics function and modification - underground, sub-aerial and aerial Leaf :- part of typical leaf (simple and compound leaf) Diversity in shape and size, variation and modification of leaf

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MONTH WISE TEACHING PLAN

Class ...F.Y.B.Sc... Paper (II) Morphology of Angiosperm

Sr. No.	Month	Topics / Practicals to be Completed
1	June 2017	Admission process and introduction of subject and paper. syllabus given to the student
2	July - 2017 unit- 1	· Important term in the botany morphology. Defn introduction of Angiosperm, Basic body plan of the flowering plant.
3	Aug - 2017	- modular type of growth. Diversity of plant Herb, shrubs tree and some example of local available plants. Diversity of plant like climber, annuals, biennials, and perennals types of plants.

Sayyad. I G **PERSONAL TIME TABLE** YEAR 2017-18. (BOTANY)

Period No.	Time	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	F.Y.B.Sc 11.50 - 12.40				P-II / IV	P-II / IV	P-II / IV
2							
3		Practical time-Table - 17-18					
4							
5	1:30 - 4:00 LAB. 2	S-II VIII + XI	S-II VII + XI	S-III VII + XI	S-III VII + XI	S-I VII + XI	S-I VII + XI
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MONTH WISE TEACHING PLAN Gymnosperms

...SY.B.Sc... Paper (XIII) ...Utilization of Plant.....

No.	Month	Topics / Practicals to be Completed
	Practical	F) Field note book, speciman collection and Tour report

MONTH WISE TEACHING PLAN

Class T.Y.B.Sc. Paper ~~(XVI)~~ + ~~XVII~~ Cell Bio & mol Bio plant pathology

Sr. No.	Month	Topics / Practicals to be Completed
1	June 2017	Practical - Cell structure of onion leaf or Tradescantia - disease symptoms, causal org., disease cycle - cereals — Wheat, jowar, Bajra - pulses — pea, bean - preparation of stains.
2	July 2017	- Electron micrographs of Viruses & micrographs of Eukaryotes Bacteria - Vegetables - potato, Brinjal, onion. oils - groundnut, mustard.
3	Aug 2017	- slide prep of mitosis - slide prep of meiosis cash crops - sugarcane, grapes, cotton.
4	Sept 2017	- Idiogram of Karyotype Acrant chromosome - chiasmomonosiare - ornamentals: powdery mildew of rose
5	Oct-2017	- prep. of wooden model of mitosis and meiosis - Weeds: Rust of Euphorbia Trees — cercospora on Albizzia fruit

MONTH WISE TEACHING PLAN

Class T.Y.B.Sc. Paper (XX) Genetics & Biotech.

Sr. No.	Month	Topics / Practicals to be Completed
		ii) Mech^n of sex determination in man (xx-xy), Drosophila (xx and xy) birds (ZZ-ZW), grasshopper (xx-xo) and genic balance theory in Drosophila iii) Sex determination in plants. Unit: 2 1) Sex linked inheritance; X XY and Y linked inheritance
8	Feb 2018	i) Colourblindness and haemophilia in man ii) Holandric genes iii) White eye colour in Drosophila iv) Gynandromorphs 2) structure and fns of gene i) fine stru of gene ii) one gene one enzyme hypothesis iii) Gene and related diseases iv) Detection of genetic diseases Unit: 3 - Biotechnology 1) Concept of genetic engineering and recombinant DNA tech 2) Restriction endonucleus, their properties and uses 3) Cloning vectors - plasmids and phage vectors,

MONTH WISE TEACHING PLAN

Class T.Y.B.Sc. Paper (XX) Genetics and Biotechnology

Sr. No.	Month	Topics / Practicals to be Completed
6	Dec 2017	Unit: 1 Sem - VI 1) Mendelism : i) Introduction - G. J. Mendel ii) Mendelian principles – Law of Dominance, law of segregation, law of independent assortment, back cross and test cross. 2) Interaction of genes : i) Allelic interaction : incomplete dominance, co dominance, lethal genes and blood group inheritance. ii) Non allelic and non epistatic – comb shapes in fowls. iii) Non allelic and epistatics a) Complementary gene (9:7)
7	Jan 2018	b) supplementary gene (9:3:4) c) Dominant epistatic genes (12:3:1) d) Duplicate gene (15:1) 3) Sex determination : i) chromosomal theory of sex determination.

MONTH WISE TEACHING PLAN

Class S.Y. B.Sc. Paper (XIII) ..... plant phy. .....

Sr. No.	Month	Topics / Practicals to be Completed
		mechanism of enzyme action. 4) Growth : Defn, phases of Growth, Sigmoid growth curve. 5) Growth regulators; Discovery, str., role and practical applications of Auxins, Gibberellins cytokinins, Abscisic acid and Ethylene.
8	Feb 2018	Unit: 3 – photosynthesis Defn, ultra str. of chloroplast photosynthetic pigment; light reactions Hill reactions, Red drop and Emerson enhancement effect, two pigment system, photophosphoryla cyclic and non cyclic, Z-chem; Dark reactions. C_3, C_4.

MONTH WISE TEACHING PLAN

Class ...S.Y.B.Sc. Paper (XIII) ...plant physiology...

Sr. No.	Month	Topics / Practicals to be Completed
6	Dec 2017	Unit: 1 Sem - IV 1) plant water relations a) Diffusion osmosis, plasmolysis and imbibition b) Water absorption and ascent of sap. c) Transpiration - defn types cuticular, lenticular, stomatal structure of stomata, mech of opening and closing of stomata 2) Mineral nutrition: a) macro elements: role and deficiency symptoms of N, P, K mg.
7	Jan 2018	Ca, Fe, Zn, Bo, Mo, b) mineral uptake - passive & active 3) Translocation of solutes: Mass flow hypothesis, protoplasmic streaming theory, source and sink relationship. Unit: 2 - Enzymes chemical nature - holoenzyme, apoenzyme, prosthetic group, cofactor and coenzyme, properties nomenclature classification based on type of reactions

MONTH WISE TEACHING PLAN

Class ..T.Y. B.Sc.. Paper (XV) ..Cell Biol. and Mol. Biol.....

Sr. No.	Month	Topics / Practicals to be Completed
		chemical composition (nitrogen bases purines, pyrimidines nucleoside, nucleotides phosphate and sugars) Watson and Crick's model, Z-DNA,
4	Sept 2017	B-DNA, frm of DNA. b) Replication of DNA - conservative semi-conservative and dispersive c) RNA - stru, types and frm. Unit : 3 1) Chromosome. defn. morph, size, shape, number, ultra stru - chromatid, chromema, chromere, centromere, kinetochore, sec. con, satellite, telomere.
5	Oct 2017	heterochromatin euchromatin, Nucleosome model, chemical composition, frm of chromosome, Giant chromosome polytene and lampbrush chromosome. 2) Chromosomal aberrations

MONTH WISE TEACHING PLAN

Class T.Y.B.Sc. Paper (XV) Cell Bio & Mole Biology

Sr. No.	Month	Topics / Practicals to be Completed
1	June 2017	Unit: 1 Sem - V 1: Cell: Structure of prokaryotic cell and Eukaryotic cell (plant cell) 2) Cell Wall and cell organelles Stru and fns of cell Wall and cell organelles - Golgi complex, Endoplasmic reticulum.
2	July 2017	Lysosomes 3) Nucleus Ultrastructure (nuclear membr, nucleolus, chromatin material, nucleoplasm) fns of nucleus. Unit: 2 Cell division: a) Cell cycle - G1-phase, S-phase, G2 phase and M phase.
3	Aug 2017	b) Mitosis - defn, process and signif c) Meiosis - defn process and significance 2) Nucleic acids: a) DNA: Defn structure

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class S.Y.B.Sc. Paper (VIII) ..... plant Eco.

Sr. No.	Month	Topics / Practicals to be Completed
3	Aug 2017	Hydrophytes, Xerophytes, halophytes and epiphytes. 2) phytogeography: Biogeographical regions of India.
4	Sept 2017	Vegetation types of India. Unit: 3 1) Community ecology Community characteristics - freq, density, life forms, biological spectrum. 2) Ecosystem Structure - biotic and abiotic components food chain, food web, ecological pyramids.
5	Oct 2017	energy flow, biogeochemical cycles - nitrogen and phosphorous -

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MONTH WISE TEACHING PLAN

Class S.Y.BSc. Paper (VIII) ..... Plant Ecology .....

Sr. No.	Month	Topics / Practicals to be Completed
1	June 2017	Unit: 1 - Sem - III Plant and Environment 1) Climatic factors. a) light as an ecological factor, global radiation and photosynthetically active radiation. b) Temp as an ecological factor c) Water as an ecological factor,
2	July 2017	physicochemical properties of water. B) Edaphic factor. Soil formation - soil profiles, physicochemical properties of soil, major soil types of India, soil erosion and soil conservation. Unit: 2 Response of plants to water morphological, physiological and Anatomical response of plants to water.

Dr. Awase P.S. **PERSONAL TIME TABLE** Dept of Botany

Period No.	Time	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1			Aca - year 2017-18				
2			Theory.				
3	10.10 - 11.00	SY BSc	SY BSc	SY BSc	—	—	—
4							
5							
6	12.40 - 1.30	—	—	—	TY BSc	TY BSc	TY BSc.
7			Practical.				
8	Lab-1 8.30 - 11.00	T-II ~~XVI + XVIII~~	T-II ~~XVII + XVIII~~	T-I ~~XXI + XXII~~	T-I ~~XXI + XXII~~	—	—
9							
10							

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MONTH WISE TEACHING PLAN

Class T.Y.B.Sc. Paper (XXI + XXII) Genetics & Biotech - I practical. microbiology and disease management

Sr. No.	Month	Topics / Practicals to be Completed
6	Nov-2017	- Working out laws of inheritance by using seed mixtures. - prep of Bordeaux mix, paste - study of insecticides
7	Dec-2017	- problem based on gene interaction - calibration of microscope and measurement of fungal spore - sketching of fungal spore by camera lucida technique
8	Jan-2018	- problem based on sex linked inheritance. - principle and working of autoclave, laminar air flow, Tilak air sampler.
9	Feb-2118	- problem based on gene interaction and sex linked inheritance. - Micro-chemical Tests.

MONTH WISE TEACHING PLAN

Class B.Sc. T.Y. **Paper** (XVI(C)) Plant Pathology - Theory & Practical

Sr. No.	Month	Topics / Practicals to be Completed
1	June - 2017	Unit - 1 Fundamentals of plant pathology i) Plant pathology - history, scope, losses due to pathogens, importance and need to study plant pathology ii) Classification of plant diseases on the basis of symptoms & causal organisms - animate & inanimate.
2	July - 2017	(iii) Plant pathological Institutes - IARI - Indian Agricultural Research Institute ICRISAT - International Crop Research Institute for Semi Arid Tropics (iv) Seed pathology - Concept & importance of Seed pathology, Seed borne pathogens (v) Study of air borne pathogens - methods and applications. (vi) Field and Laboratory diagnosis of plant disease - Koch's postulates.

Dr. S. S. Patole (2017-18) **PERSONAL TIME TABLE** Dept of Botany

Day

Period No.	Time	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	8.30 to 11.00 am B.Sc. T.Y. Practical	—	—	T-II P-XVI (C) + XX(C)	T-III P-XVI (C) + XX(C)	T-IV + IX P-XVI(C) + XX C	T-[illegible] P-XVI + X[illegible]
2							
3	12:40 to 1:30 PM	P-XVI	P-XVI	P-XVI	—	—	—
4							
5							
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10							

MONTH WISE TEACHING PLAN

Class B.Sc. I.Y. Paper (XVI-C) Plant Pathology – Theory & Practical

Sr. No.	Month	Topics / Practicals to be Completed
3	August 2017	Unit-2 – plant diseases. study of following diseases with respect to symptoms, causal organism disease cycle & disease management. (1) Cereals – (a) Black Stem rust of wheat (b) Grain smut of Jowar (c) Ergot of Bajra (2) pulses – (a) wilt of pigeon pea (b) yellow vein mosaic of bean (3) Vegetables (a) Late blight of potato (b) Little leaf of Brinjal (c) Black rot of onion
4)	Sept. 2017	(4) Oil seeds – (a) Tikka disease of Groundnut (b) Damping-off of mustard (5) cash crops – (a) Grassy shoot of sugarcane (b) Downy mildew of grapes. (c) Angular Leaf spot of cotton (d) citrus canker.

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MONTH WISE TEACHING PLAN

Class B.Sc.I ..... Paper (III + VI) Practical Based on Paper I and II
Practical Based on Paper III and V

Sr. No.	Month	Topics / Practicals to be Completed
	July	III - Simple and compound microscope - Viruses, Gram Staining - Nostoc, Chara, Botrydium, Sargassum, Batrachospermum. - Lichens
	August	Fungi; Root and its modifications, Stem and its modifications, Study of leaf and its diversity
	September	Study of Inflorescences, Study of flowers. Pollination mechanism in flowers
	October	Study of fruits: Simple, Aggregate Composite fruits.
	November	Bryophytes: Marchantia, Funaria Pteridophytes: Psilotum, Lycopodium, Selaginella
	December	Equisetum, Marsilea Histology: Meristem. Root apex Shoot apex Permenant tissues: Simple, complex and Secretory.

MONTH WISE TEACHING PLAN

Class B.Sc. I+II Paper (IV+ VIII) Diversity of Cryptogams-II
Gymnosperms and Utilization of Plants

Sr. No.	Month	Topics / Practicals to be Completed
	January	XIII - Vegitables oils - Groundnut, Sunflower Beverages - Tea, coffee Mushrooms - Pleurotus Medicinal Plants Timber and Gum. IV - Lycopsida - Selaginella Sphenopsida - Equisetum
	February	Cosmetics and Perfumes, Rose, Mogra, Tuberose Spices: Clove black Pepper, Cumin, Coriender, Cinnamon IV - Pteropsida - Marsilea

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MONTH WISE TEACHING PLAN

Class B.Sc. I + II Paper (IV + XIII) Diversity of cryptogams - II
Gymnosperms and utilization of Plants

Sr. No.	Month	Topics / Practicals to be Completed
		- Apocynance, Solanaceae, Acanthaceae Lamiaceae III - Bauachospermum Fungi - General characters, Classification Albugo, Mucor, Eurotium Agaricus and cercospora
	November	XIII Gymnosperms: Salient Features Geographical time scale, Fossilization Contribution of Prof. Birbal Sahani Cycadales - Cycas Coniferales - Pinus IV - Bryophytes: General Characters Systematic Position Hepaticopsida - Marchantia Bryopsida - Funaria
	December	XIII - Gnetales: Gnetum Utilization of Plants: Domestication of Plants and their centre of origin Food plants ... Wheat, Jowar Sugar - Sugarcane Fibres - Cotton, Jute IV - Pteridophytes - General Characters, Classification Psilopsida - Psilotum Lycopsida - Lycopodium.

MONTH WISE TEACHING PLAN

VII - Taxonomy of Angiosperms
Class B.Sc. II + I Paper (I + III +) I - Diversity of cryptogams - I
VII

Sr. No.	Month	Topics / Practicals to be Completed
	June	VII - Taxonomy of Angiosperms - salient features, origin and evolution of angiosperms - systems of classifications
	July	- Bentham and Hookers system of the classification up to series level - Merits and Demerits - Taxonomy in relation to anatomy - concept of Binomial nomenclature - concept of genus I - Diversity of Cryptogams - I - Viruses - Cryptogams - Mycoplasma - Lichens - Bacteria
	August	VII - concept of species and epithet - Herbetia - Digital herbetia - Botanical gardens - Family - annonaceae III - Algae - General Characters - Nostoc - Botrydium - Chara - Sargassum
	September	Fc VII Family - Malvaceae Leguminosae - Fabaceae - caesalpinaceae - mimosaceae

Dr. P.B. Jadhav & Dept of Botany **PERSONAL TIME TABLE** 2017-2018

Period No.	Time	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	10:10 to 11:00	-	-	-	VII + XI PBJ	VII + XI PBJ	VII + XI PBJ
2	11:50 to 12:40	I+IV PBJ	I+IV PBJ	I+III PBJ	-	-	-
3	1:30 to 4:00	F-III III + VI	F-I III + VI	F-II III + VI	F-VII III + VI		
4							
5							
6							
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S.Y.

F.Y.

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class B.Sc. I ..... Paper (III + VI) Practicals based on Paper-I and III
Practical based on Paper-II and V

Sr. No.	Month	Topics / Practicals to be Completed
	January	Permenant tissues. Epidermal tissues. Anatomy of Sunflower and maize root, leaf and Stem
	February	Embryology: T.S. of anther structure and types of ovule Dicot and monocot Seed embryo

Department of Physics 2017 - 2018

Mr. Y. B. Rasal **PERSONAL TIME TABLE** 2017-18

Period No.	Time	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	9.20 – 10.10	F.Y. I & IV	F.Y. I & IV	F.Y. I & IV	–	–	–
2							
3	11.00 – 11.50	S.Y. VIII & XII	S.Y. VIII & XII	S.Y. VIII & XII	–	–	–
4							
5	11.50 – 12.40	–	–	–	T.Y. XV & XIX	T.Y. XV & XIX	T.Y. XV & XIX
6							
7							
8	2.30 – 5.00	S-6	S-6	S-5			
9	8.30 – 11.00				T-5+7 + 9+10	T-4	T-4
10							

S.Y.B.Sc.

T.Y.B.Sc.

Vege, Kajmt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class T.Y.Bsc. Paper (XV) Classical and Quantum Mecha.

Sr. No.	Month	Topics / Practicals to be Completed
1	June 17	C I Classical Mechanics. Mechanics of particle,
2	July 17	Mechanics of system of particle constraints, classification of constraints, Virtual work, D'Alembert's principle, Lagrange's equation, Simple application of Lagrangian formulation - Simple Pendulum, Particle in Space, Linear Harmonic Oscillator Atwood's machine.
3	Aug 17	C-II origin of Quantum Theory. Introduction, Failure of classical mechanics, Black body Radiation, Planck's quantum theory - Plank's quantum Postulates, linear momentum of photon in terms of wave vector, Plank's radiation law - Wein's law and Rayleigh's law Einstein's equation. Quantum theory of photoelectric effect, quantum effect.

MONTH WISE TEACHING PLAN

Class T.Y.B.Sc. Paper (XV) Classical and Quantum Mechanics

Sr. No.	Month	Topics / Practicals to be Completed
4	Sept. 17	C-III Wave Particle Duality Introduction, de-Broglie's hypothesis for matter waves, de-Broglie's wavelength in terms of energy and temp; de-Broglie phase velocity and Particle velocity Group Velocity, Davisson-Germer experiment, Heisenberg uncertainity principle, Applications of Heisenberg uncertainity principle ① Non existence of e^- in nucleus ② Binding energy of an electron in an atom.
5	Oct. 17	C-IV The schrodinger Equation and its applications - Wave function of a moving particle, Time dependent schrodinger's wave equation, Expectation value, Operators Time independent schrodinger

MONTH WISE TEACHING PLAN

T.Y.B.Sc Paper (XIX) Atomic, Molecular Physics & Laser

	Month	Topics / Practicals to be Completed
		equation, Particle in one Dim. box, quantization of energy and momentum.
6	NOV.17	C-I The Atom Model Introduction, Thomson atom model, the Rutherford nuclear atom model, drawbacks of Rutherford atomic model, the Bohr's atom model, Bohr's theory of ~~hydro~~ origin of spectral lines, diagrammatic representations of the series spectrum of the H-atom in the light of Bohr's theory.
7	Dec.17	C-II Vector Atom model Introduction - Vector atom model, Quantum numbers associated with the vector atom model, L-S Coupling, J.J. Coupling, The Pauli's exclusion principle, Selection rules, Interval rules, Normal Zeeman effect, Anomalous

MONTH WISE TEACHING PLAN

Class ..... Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed
		electrical conductivity thermal conductivity, ~~Mid~~ Wiedemann Franz law, significance of Fermi energy level, Hall effect, Hall voltage and Hall coefficient, experimental determination of Hall coefficient, Importance of Hall effect.

MONTH WISE TEACHING PLAN

Class S.Y.B.Sc. Paper (VIII) Modern and Nuclear Physics

Sr. No.	Month	Topics / Practicals to be Completed
1	July 17	C I Photoelectric Effect - Introdn Lenard's method to determine e/m for Photoelectrons, Richardson and Compton experiment, Relation betn photoelectric current and retarding Potential, Relation between velocity of photoelectrons and frequency of light, photoelectric cells (1) photoemissive cell. (2) photo-voltaic cell (3) photoconductive cell, Applications of photoelectric cells.
2	Aug. 17	C II X-rays - Introduction, The absorption of x-ray's, Laues expt. Bragg's law, The Bragg's x-ray spectrometer, Powder Crystal method The Laue method, x-ray spectra Main features of Continous x-ray spectrum, characteristics of x-ray spectrum.
3	Sept 17	C-III - Nuclear forces and Models Introduction, Binding energy, Nuclear stability, Nuclear forces Meson theory of nuclear forces, liquid.

MONTH WISE TEACHING PLAN

Class ..... S.Y.B.Sc. Paper (P XII) ..... Solid state physics .....

Sr. No.	Month	Topics / Practicals to be Completed
4	OCT 17	drop model, shell model, Energy released in Fission, chain reaction, Atom bomb, Nuclear reactor, Nuclear fusion, Solar of stellar energy. C-IV particle Accelerators and Detectors - Linear accelerator cyclotron, synchrocyclotron, Betatron, Ionisation chamber, proportional counter, G.M. Counter
5	NOV 17	P-XII solid state physics C-I - Crystal Structure - Introd^{n}. Crystal lattice, Plane lattice, Space lattice, translation, Vector, Unit cell, Basis, Symmetry operations, point group and Space groups, types of lattices, lattice directions and planes, Miller Indices, Inter planer Spacing, simple crystal structure.

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class ..... Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed
6	Dec 17	C-II Bonding and Band theory of solids- Introduction, Concept of inter atomic forces, cohesive energy and types of bonding, primary bonds (ionic bonds, covalent bond and metallic bond), secondary bonds, (Vander Waal bonds and hydrogen bonds). The Kronig-Penney model, Energy Versus Wave vector relationship, diff. representations (Brillouin Zone)
7	Jan. 18	C-III Thermal properties of solid classical theory of lattice heat capacity (concept and Comparison with experimental values), Einstein theory of lattice heat capacity, Debye's model of lattice heat capacity, density of modes, limitations of Debye's model.
8	Feb 18	C-IV Free electron theory of metals and transport properties - Drude-Lorentz's classical theory

MONTH WISE TEACHING PLAN

Class F.Y.B.Sc. Paper (I) Mechanics, Properties of mat and Sour

Sr. No.	Month	Topics / Practicals to be Completed
1	July 17	C-I Mechanics - Compound Pendulum, expression of ti Period, Interchangeability of centre of suspension an oscillation, Kater's pendulu Newtons law of gravitation Gravitational field, Gravitatio Potential, Gravitational potent of mass, gravitational potent and field due to spherical she and solid sphere.
2	Aug 17	C-II Elasticity - Introduction, Moduli of Elasticity, Twisting couple on a cylinder, bending of beam, Bending moment, Cantile loaded at free end (a) When wt. of beam is ineffective (b) When weight of beam is effective Depression of beam loaded at centre.
		C-III Viscosity and surface Tens Viscosity - Introduction, energy of liquid in motion, Bernoulli's.

MONTH WISE TEACHING PLAN

Class F. Y. B.Sc **Paper (** I **)** Mechanics Properties of Matter and Sound

Sr. No.	Month	Topics / Practicals to be Completed
3	Sept 17	theorem, practical applications (i) Law of hydrostatic pressure (ii) Filter pump, poiseuille's formula. Surface Tension - Introduction, Difference of pressure across a curved surface, Determination of S.T. by Jager's method. C-IV Ultrasonic and Acoustics Ultrasonic - Piezo electric effect, Piezoelectric generator, Magnetostriction effect, Magnetostriction oscillator, Application of Ultrasonic Depth of sea, chemical effects, Medical applications.
4	Oct 17	Acoustics - Reverberation, Acoust. demands of an auditorium, Sabine's Law - Derivation of Rev. time, Cond' of good acoustical designs of room.
5	Nov 17	Paper IV C-I Geo. optics & optical Instruments - Cardinal points of optical system, Focal points, Principal points, Nodal points and Corresponding planes, Coaxial lens system

MONTH WISE TEACHING PLAN

Class F.Y.B.Sc Paper (IV) Geometrical and Physical Opt

Sr. No.	Month	Topics / Practicals to be Completed
		equivalent focal length & cardinal points, Huygen's Eyepiece, Ramsden's eyepiece and their cardinal points.
6	Dec 17	C-II Interference - Interference in thin film due to reflected and transmitted light, Wedge shaped thin film, Newtons rings by reflected light, determination of λ, Michelsons interferometer, type of fringes determination of λ and $d\lambda$
7	Jan 18	C-III Diffraction - Introduction, Diffraction at a thin wire, Fraunhofer diffraction at double slit, Plane transmission grating, Determination of λ, R. P. of prism and grating
8	Feb 18	C-IV Polarization - Introduction Malus law, Double refraction, Huygens theory, Nicol prism, Optical activity, Fresnels theory of Optical rotation, Sp. rotation by Laurent half shade pola. Determination of Spe. rotn of cane sugar solution.

MONTH WISE TEACHING PLAN

Class ..... Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed
8	Jan. 18	Zeeman effect, Stark effect and its experimental study C-III Molecular spectra Introduction, origin of pure rotational spectrum of a molecule, origin of vibration rotation spectrum of a molecule, Rayleigh's law of scattering, Raman effect - Discovery, experimental study, Applications of Raman effect - molecular Str. Nature of liquids, Crystal physics, Nuclear physics, Chemical effects
9	Feb. 18	C-IV LASER. Introduction, induced absorption, spontaneous emission, stimulated emission, population inversion, properties of laser beam, laser pumping, Types of laser Ruby laser, He-Ne laser, CO_2 laser, Applications of lasers Biological, medical and Industrial.

Department of Maths 2017 - 2018

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class B.Sc. I Y. Paper (504) Ordinary Diff: Equations

Sr. No.	Month	Topics / Practicals to be Completed
1)	June & July	complex numbers.
2)	August	linear Equations of first order
3)	September and October.	Linear Equations with constant coefficients

MONTH WISE TEACHING PLAN

Class B.Sc. I.Y. Paper (602) Abstract Algebra - II

Sr. No.	Month	Topics / Practicals to be Completed
1	November	Vector spaces and modules.
2	November	Elementry Basic concepts.
3	December	Linear Independence and bases.
4	January	Dual spaces
5	February	Inner product spaces
6	March	Modules.

MONTH WISE TEACHING PLAN

Class B.Sc.I.Y. **Paper** (502) Abstract Algebra - I

Sr. No.	Month	Topics / Practicals to be Completed
1	June	Sets, Functions, Integers
2	July and August	Group Theory
3	September and October.	Ring Theory

MONTH WISE TEACHING PLAN

B.Sc. S.Y. Paper (403) Mechanics-II

No.	Month	Topics / Practicals to be Completed
1	November & December	Kinematics and Dynamics of a particle in Two Dimensions
2	January	Kinematics of a Particle
3	February	Motion of a projectile and motion in Resisting medium
4	February & March	Central orbits.

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MONTH WISE TEACHING PLAN

Class B.Sc. S.Y. Paper (303) ...Mechanics - I.....

Sr. No.	Month	Topics / Practicals to be Completed
1	June & July	Forces Acting on a Particle
2	July & August	Equilibrium of Forces Acting on a particle
3	August & September	Forces Acting on a Rigid body
4	september & october.	centre of Gravity

—— x ——

MONTH WISE TEACHING PLAN

Paper (201) ..... Calculus - II .....

Sr. No.	Month	Topics / Practicals to be Completed
	November & December	Integral - Transforms
	December	Methods of Integrations
3)	January	Integration of Algebraic Rational functions
4)	January	Integration of Trignometric functions
5)	February	Areas of Plane Regions
6)	February	Rectification, Length of Plane curve
7)	March	Volumes and surfaces of Revolution.

MONTH WISE TEACHING PLAN

Class B.Sc.f.y. Paper (101) ..... calculus - I .....

Sr. No.	Month	Topics / Practicals to be Completed
1	July	ch-1 Differentiation
2	July	ch-2 Successive Differentiation
3	August	ch-3 Mean Value Theorems
4	september	ch-4 Partial Differential.
5	september and October.	ch-5 Differential operators.

Mr Kulkarni A.M. **PERSONAL TIME TABLE** 2017-2018 maths dept.

Period No.	Time	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	9.20 to 10.10	T.Y-II Algebra	T.Y-II Algebra	T.Y.II Algebra			
2	10.00 to 11.00 Am.	~~S.Y mechanics~~	—	—	—	S.Y. mech	S.Y. mech
3	11.00 to 11.50 Am.	—	—	F.Y-I ~~Algebra~~ Cal	F.Y.I ~~Algebra~~ Cal.	—	—
4	11.50 to 12.40	B F.Y ~~Algebra~~ Cal	F.Y ~~Algebra~~ Cal.	F.Y ~~Algebra~~ Cal.	—	—	—
5	12.40 to 1.30	T.Y O.diff Eq	T.Y O.diff Eq	T.Y or.diff Eq	T.Y. or.diff Eq	—	—
6	1.30 to 2.20	S.Y mecha.	S.Y mecha.	S.Y. mecha.	T.Y.h diff Eq	T.Y Algebra	T.Y. Algebra
7							
8					Total Periods = 20		
9					(Work load)		
10							

MONTH WISE TEACHING PLAN

Class B.Sc. T.Y. Paper (6 620r Differential Equations-II

Sr.No.	Month	Topics / Practicals to be Completed
1)	November and December	Linear Equations with variable coefficients.
2)	January and February	Linear Equations with Regular singular Points.

Department of Computer Science 2017 - 2018

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Ka

MONTH WISE TEACHING PLAN

Class T.Y.B.Sc.... **Paper (**) Data communication & Networki

Sr. No.	Month	Topics / Practicals to be Completed
1	December	communication system, computer network Advantage Application of comp. Network point to point & multipoint line configration LAN, MAN, WAN Enable & Digital signal Anlog parallel & serial synchronus & Asychanus transmission, simplex, half dublex & full dublex
2	January	Network Topologes Mesh, star, Tree, BUS, RING & Hybride Transmission modle Guided & unguided media UTP & -P optical fiber cable, Radio wa
3	February	microwave, satelite communication ASK/AM FSK/AM PSK/ Fidest generation (1G) second Generation (2G) 3G mobile Phone system, Internet over cable Spectrum Allocation ADSL Vers cable.

MONTH WISE TEACHING PLAN

Class S.Y. B.Sc. Paper ( ) DBMS Using SQL

Sr. No.	Month	Topics / Practicals to be Completed
1	December	Basic concept Type of data Record & file fletaset system & proressing database system Application purpose of database system componets of DBMS Users, facilites & structure Advantage & Disadvantage of DBMS Data modling & design Entity, Reldtionship data model strong weak Entity, Attributes, type -s of Attributes Bindry & temarry E-R model Reldtiondl Data model Basic structure of Reldtiondl Datamodel Database schema constraints: Intedrity Rule 142 1NF, 2NF & 3NF
2	January	Reldtiondl Aldabra union, Intersection, Difference & cadesion product, Reldtion Algebra queries selection, join, Division Introduction to oracle version of oracles product to oracle Tools of oracle: SQL, SQL workstation
3	february	

MONTH WISE TEACHING PLAN

Class SY. B.Sc..... Paper ( ) ...programming in c++.....

Sr. No.	Month	Topics / Practicals to be Completed
1	December	Introduction of oops procedural Vs object oriented programing, class, object data structure Encapsulation In Heritance, polymorphism Dynamic binding messagepassing History &overviewofc++c++ program Reference variable, scope Resoludation operator, new & delek, cin, cout the entl &set manipulator function in c++ function prototype call by refere -re Retuning Reference function overloading, private public nesting of member function object as datatypes, memory allocation for objects objects as function arguments friend function &characteristics constructor & destructor default parameterizes, copy constructor operator overloading overloading Unary operator Rules for operator overloa ding overloading binary operator, concatenating string comparision operators
2	January	
3	February	

MONTH WISE TEACHING PLAN

Class F.Y.B.Sc. Paper ( ) .....programming in C.....

Sr. No.	Month	Topics / Practicals to be Completed
1	December	An overview of c History of clanguage feature of c character set c Token item Hiex constant set, integar constant, string Constant operators: Arithmatic Relation logical, data type, int, char, float double, long short, signet
2	January	C-program & I/o statement structure of c program Execution of c program Libarary function: General used & mathematical control & Iterative statement If, nested if, else if ladder
3	February	switch case statement while & do while loop & for loop break & continue statement goto Statement Arrays one dimensional & multidemenitional Array function, types of function Arguments function, Prototyp Actual & formal parameter calling function Returning function Result call by value Recursation

MONTH WISE TEACHING PLAN

Class F.Y.B.Sc... Paper ( ) ..operating system.....

Sr. No.	Month	Topics / Practicals to be Completed
1	December	Introduction to software Defination, classification & components of software O.S os as fundamental, os as Res -um manger structure of o.s os function early system, simple batch system multiprogramet batch system time sharing system, personal computer system
2	January	proress management memory management, Storage manag -ement I/o management concept of process process state
3	February	operation of processes thread CPU scheduling, types of sched ulers process synchronization, need of synctronization critical section Hardware synchronization, sem aphore concepts of deadlock method for Handling Deadlock memory mandgement Address bind -ng logical vs physical Addr ess spare virtual memory, Dement Paging page Development Algorithim File, file Access

MONTH WISE TEACHING PLAN

Class T.Y.B.S.c. Paper ( ) ....web design....

Sr. No.	Month	Topics / Practicals to be Completed
1)	July	Introduction HTML5 XHTML, HTML5, Introducing Sca entile markup language, syntax Attribute coding HTML documents embedding content, working with Hyperlink Adding image layout HTML document, Embedding plug-in control Advance of HTML5
2)	August	HTML5 Layout container format using div Element, coding regular & irregular tables, heading, column & raw caption, Introducing Java script Java script variable, special value function declaration & call, string function
3	September	condition & looping structure Inline Javascript & External Java script DOM concept in Java script, DOM object DOM search methods conventing Handling in Javascript, capturing & Bubbling subscribing
4	October	Introduction to CSS3 Definition & mapping & style & other & External style Sheet CSS properties color, box model, border, margin float

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MONTH WISE TEACHING PLAN

Class T.Y.B.Sc. Paper ( ) Software Engineering

Sr. No.	Month	Topics / Practicals to be Completed
1	July	software Engineering character sticsof software categories of software Attributes of wal Apps Software Engineeri -ng software process, essence of software Engineering General principles software process & process models, waterfall model, Increm -ental model Evolutionary pro-
2	August	-cess model concurrent model spe- cialized process model The unified process personal & Team process model Agile Agility & the cost of change
3	September	Agile process, Agility principles Human factors Extreme progra- amming XP value XP process principles that Guite practices
4	October	communication principle planing principle moteling principle Construction principle Deployme

-1-

MONTH WISE TEACHING PLAN

Class S.Y. B.Sc. Paper ( ) Data Structure

Sr. No.	Month	Topics / Practicals to be Completed
1	July	Introduction To data structure Basic Terminology: Data item, fields Records, files, Entity, Attributes Representation of Linear Arrays Traversing, Insertion & deletion sorting, searching multidimensional Array: 2D & 3D Concepts, Record, Representation in memory.
2	August	linkat list, Representation of linked list sorted & unsorted, Insertion & deletion in link list Header linkat list & Two way list stack queues, Recursion stack operation, Array Representation
3	september	of stack Arithmatics Expression polish & postifix Application of stacks, quicksort Recursion queue: Representation of queue & link types of queue dequeue & priority queue

MONTH WISE TEACHING PLAN

Class ..S.Y.B.Sc.. Paper ( ) ..Advance C programming.....

Sr. No.	Month	Topics / Practicals to be Completed
1	JULY	function Introduction types of fun Defining function Arguments, fun - ction prototype actual parameter & formal parameter calling fun ction structure & union structure Introduction, Declaratio & Intializing structure, Nested str array of structure, type def state - ment union & struct differenre pointer memory organization the pointer operator *, pointer Expresion & pointer Arithmetic
2	August	pointer to pointer storage class & Libary function storage classes scope, visibility & lifetime of variable, block & file scope data conversion
3	September	function from attribute pre- -processor Directive File Handling opening & closing a file I/p & o/p operation Text & binary file gets puts function command line Arg- -ument use of argc & argv
4	october	Graphices in c Initgraphics & detectgraphics Drawing objection C, line, circle function.

MONTH WISE TEACHING PLAN

Class F.Y.B.Sc. Paper (☐) Digital Electronics

Sr. No.	Month	Topics / Practicals to be Completed
1	July	Number system & Arithmetic Decimal No system & Bindey No system. Decimal to bindey conversion Bindey to decimal conversation. Bindey Arithematic, Hexadecimal number Boolean Algebra & logic gates theorems of Boolean Alg-bra : compimentation commutative AND OR Associdtive, Dis-tributive logic Gate AND, OR, NOT EX OR, EX-NOR k-MAP k MAP FOR 2 3 4 variable Hdlf Atter & full Atter Bindey parall-el Atter BCD to Decimdl decoter 2:4 demultiplexer, 4 line to line multiplex, flipflop Introduction RS FF clocked RSFF, JKFF, TFF Race contition
2	August	
3	september	counter Asynchronous ripple counter mop-12 counter, parallel counter BCD counter Ring counter Jonnson counter
4	october	Buffer register, serial In serial out parallel in serial-out

MONTH WISE TEACHING PLAN

Class F.Y.B.Sc..... Paper (I) ..Computer fundamental.....

Sr. No.	Month	Topics / Practicals to be Completed
1	July	Introduction characteristics & feature of computer componets of computer, organization of computer Algorithm, Definition characteristics. Advantages & disadvantage Example flow--chart Definition Advantage & disadvantage Genration of computer: 1st/05th classification of computer
2	August	computer language, machine, Assenhy High level language, together computer memory RAM, ROM, PROM, EPROM, FD, CD HD, DVD, DAT Ilo Device
3	september	Touch screen, OMR, OBR, OCR light pen scanner, plotter, LCD processor, structure of instruction processor feature RISc & CISc function of o.s.
4	October	Types of o.s Bath o.s multi--programming o.s Timesharing o.s P.O.S Network o.s

PERSONAL TIME TABLE 2017-18

Period No.	Time	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1							
2							
3	10:10 to 11:10 AM	T.Y. SE/DCN	T.Y. SE/DCN	T.Y. SE/DCN	T.Y. WD/ECL	T.Y. WD/ECL	T.Y. WD/ECL
4							
5							
6	12:40 PM TO 1:30 PM				F.Y. DE/C	F.Y. DE/C	F.Y. DE/C
7	1:30 TO 2:20PM	F.Y. CF/OS	F.Y. CF/OS	F.Y. CF/OS			
8	2:20 TO 3:10	S.Y. Ad.C/CH	S.Y. Ad.C/CH	S.Y. Ad.C/CH	S.Y. DS/DBMS	S.Y. DS/DBMS	S.Y. DS/DBMS
9							
10							

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MONTH WISE TEACHING PLAN

Class T.Y.B.Sc. Paper ( ) Ethics & cyber law

Sr. No.	Month	Topics / Practicals to be Completed
1	December	Basic concepts of Technology & law understanding the technology of Internet scope of cyber law, cyber Jurisprudence law of Digital contracts The essence of Digital contract
2	January	The system of Digital signatures, The Role & function of certifying Authorities The science of cryptography E-governance, cyber crime & cyber law Introduction to Intellectual property
3	February	Information technology Act 2000 cyber law, Issues in E Business, mangement myjor issues in cyber evidence, Arrange ment, cyber law compliancy audit, The Ethics of computer security, relevant Rules Notification, Information Technology (Amendment) Act, 2008

Department of Commerce 2017 - 2018

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MONTH WISE TEACHING PLAN

Class F.Y.B.Com Paper (Com) 2017-18

Sr. No.	Month	Topics / Practicals to be Completed
	December	✱ B.Com. I Financial Accounting Unit-I - Accounting principles and Accounting Standards Unit-II - Final Accounts of Non-trading concerns
	—1—	✱ B.Com-I - Business Communication and IT Application Unit-I - Communication Unit-II - Business correspondence
	—11—	✱ B.Com. II Principles of Business Management Chap-I - Direction Chapter II - Leadership
	—21—	✱ B.Com. II. Business Regulatory Framework 1) Sales of Goods Act - 1930 part I 2) Sales of Goods Act - 1930 part II
	—31—	✱ B.Com II Advanced Financial Accounting Unit-I. Stock Market Unit-II - Accounts of Electricity Company

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MONTH WISE TEACHING PLAN

Class F.Y.B.Com Paper (Com) 2017-18

Sr. No.	Month	Topics / Practicals to be Completed
	January	✱ B.Com-I Financial Accounting Branch Accounts-(Unit III)
	—31—	✱ B.Com. I Business communication and IT Application Unit-III Internet technology
	—11—	✱ B.Com II Principles of Business management II Chapter II - motivation, movement Human Relation
	—21—	✱ B.Com. II Business Regulatory Framework 3) Negotiable Instruments Act 1881 - part I.
	—1—	✱ B.Com III Advanced Financial Accounting Unit-III - Insolvency Accounts.

MONTH WISE TEACHING PLAN

Class F.Y.S.Y.B.com. Paper (Com.) 2017-18

Sr. No.	Month	Topics / Practicals to be Completed
	October	✱ B.Com I (Financial Accounting) Unit iv - Hire-purchase system and Instalment method
	—)|—	✱ B.Com - I (Computer Application in Business) spreadsheet and its Business Applications
	—)|—	✱ B.Com. II. Principles of Business Management Chapter - v - Staffing
	—)|—	✱ B.Com - II Business Regulatory Framework - iv - Special contracts
	—)|—	✱ B.Com - III (Advanced Financial Accounting) Unit-iv- Bank final) Accounts - vertical Format only

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MONTH WISE TEACHING PLAN

Class F.Y.S.Y.B.com Paper (Com.) 2017-18

Sr. No.	Month	Topics / Practicals to be Completed
	November	✱ B.Com I. (Financial Accounting Royalty Accounts.
	—)|—	✱ B.Com I. (Computer Application in Business) creating Business spreadsheet.
	—)|—	✱ B.Com II. principles of Business Management - I chapter - v - Staffing
	—)|—	✱ B.Com II Business Regulatory Frame work - I v - consumer protection Act (Amended Act of 2002)
	—)|—	✱ B.Com - III advanced Financial Accounting Unit-v - Accounts of Insurance companies.

MONTH WISE TEACHING PLAN

Class F.Y.B.Com (Com) Paper ( ) 2017-18 to 2018

Sr. No.	Month	Topics / Practicals to be Completed
3	August	✱ B.Com I. (Financial Accounting) Unit-III: Final Account of Sole Trader.
	〃	✱ B.Com I. (Computer Application in Business word processing
	〃	✱ B.Com-II. (Principles of Business Management) Chap-III - Decision Making
	〃	✱ B.Com. II (Business Regulatory Framework-I) (III) Indian Contract Act 1872 - part - II
	〃	✱ B.Com - III (Advanced Financial Accounting) Unit-III - Investment Accounts

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MONTH WISE TEACHING PLAN

Class F.Y.B.Com (Com) Paper ( ) 2017-18

Sr. No.	Month	Topics / Practicals to be Completed
4	September	✱ B.Com I. (Financial Accounting) Unit-IV - Hire Purchase system and Installment Method
	〃	✱ B.Com I. (Computer Application in Business I) preparing Presentations -
	〃	✱ B.Com - II (Principles of Business management) Chap-IV - organizing
	〃	✱ B.Com. II (Business Regulatory Framework - I) III - Indian Contract Act 1872 - part - III
	〃	✱ B.Com - III (Advanced Financial Accounting) Unit-III Investment Accounts Investment Accounts.

MONTH WISE TEACHING PLAN

Class F.Y. S.Y. T.Y. Paper (B.Com.) 2017 - 2018

Sr. No.	Month	Topics / Practicals to be Completed
1	June	✱ B.Com. I (Financial Accounting Unit-1 - Book Keeping and Accounting
	—»—	✱ B.Com - I (Computer Application in Business) Unit-1 - Computer codes and Languages.
	—»—	✱ B.Com II (Principles of Business management) Ch-- Introduction to management
	—»—	✱ B.Com. II (Business Regulatory Framework 1) Indian Contract Act - 1872 - part I
	—»—	✱ B.Com. III (Advanced Financial Accounting) Unit - I - Social. Accounting

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MONTH WISE TEACHING PLAN

Class F.Y. S.Y. T.Y. Paper (B.Com.) 2017 - 2018

Sr. No.	Month	Topics / Practicals to be Completed
2	July	✱ B.Com. I. (Financial Accounting Depr- eciation) ..
	—»—	✱ B.Com I . (Computer Application in Business) word processing
	—»—	✱ B.Com II (Principles of Businessmanagement) Chapter-II - planning
	—»—	✱ B.Com. II (Business Regulatory Framework) 1) Indian contract Act. 1872 - part I
	—»—	✱ B.Com. III (Advanced Financial Accounting) Unit II - Departmental Accounts

PERSONAL TIME TABLE 2017 – 2018

Period No.	Time	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	8.30 to 9.20						
2	T.Y B.Com. 9.20 to 10.10					T.Y. B.Com Advance AIC	Advance AIC
3	10.10 to 11.00 T.Y. B.Com.	Advance, AIC	Advance AIC				
4	11.00 to 11.50 S.Y. B Com.	P.B.M.	P.B.M	P.B.M.	P.B.M		
5	11.50 to 12.40 F.Y. BCom	F AIC	F. AIC.	FAIC	F.AIC		
6	12.40 to 1.30 FY. B.Com					IT App	IT App
7							
8	12.40 to 1.30 S.Y. B.Com.	B.R.F	B.R.F	B.R.F	B.R.F		
9							
10							

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MONTH WISE TEACHING PLAN

Class F.Y.B.Com. Paper (Com) 2017-18

Sr. No.	Month	Topics / Practicals to be Completed
	February	✱ B.Com I. Financial Accounting – Unit-IV- Departmental Accounts
	—11—	✱ B.Com I Business communication and IT Application Unit-IV- Electronic communication
	—17—	✱ B.Com II principles of Business Management Chapter IV – Co-ordination
	—IV—	✱ B.Com III Business Regulatory Framework & Negotiable Instruments Act. 1881 – part II
	—11—	✱ B.Com III Advanced Financial Accounting Unit-IV- Accounts for Local Government

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MONTH WISE TEACHING PLAN

Class F.Y.B.Com. Paper (Com.) 2017-18

Sr. No.	Month	Topics / Practicals to be Completed
	March	✱ B.Com I. Financial Accounting Unit-V- Consignment Accounting
	—11—	✱ B.Com I Business communication and IT Application Unit-V- Email social networking and oral presentation
	—17—	✱ B.Com II principles of Business Management Chapter-V- controlling
	—12—	✱ B.Com III Business Regulatory Framework & The protection of Human Rights Act-1993
	—12—	✱ B.Com III Unit-V- Email, Social Network- king and oral presentation

MONTH WISE TEACHING PLAN

Class F.Y. S.Y & T.Y. B.com Commerce Paper ( ) Year - 2017-2018

Sr. No.	Month	Topics / Practicals to be Completed
2)	S.Y. B.com	1) Marketing Management 2) Consumer Behaviour
3)	T.Y. B.com	1) Management Account 2) Cash Budget 2) Indirect Taxes & Direct Taxes 3) Income from salary
	Jan - 2018	
1)	F.Y. B.com	1) Business Mathamatics & Statistics 3) Regression 2) Entrepreneurship development 3) Entrepreneurship development programme
2)	S.Y. B.com	1) Marketing Management 3) Customers Relationship Management
3)	T.Y. B.com	1) Management Account 3) Functional Budgets

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MONTH WISE TEACHING PLAN

Class F.Y. S.Y & T.Y. B.com Commerce Paper ( ) Year. 2017-18

Sr. No.	Month	Topics / Practicals to be Completed
		2) Indirect Taxes and Direct Taxes 3) Income from Business and Profession
	Feb-2018	
1)	F.Y. B.com	1) Business Mathamatics & Statistics 4) Index numbers 2) Entrepreneurship development 4) project identification & Resource Management
2)	S.Y. B.com	1) Marketing Management 4) New Issues and Development in Marketing
3)	T.Y. B.com	1) Management Account 4) Capital Budgeting 2) Indirect Taxes & Direct Taxes 4) Income from House property

MONTH WISE TEACHING PLAN

Class F.Y.B.Com Paper (commerce) year: 2017-2018

Sr. No.	Month	Topics / Practicals to be Completed
		3) Indirect Tax & Direct Taxes 4) Service Tax
	Oct-2017	
1)	F.Y.B.Com	1) Business Mathematics and Statistics 3) Matrices
		2) Entrepreneurship development 3) Project Identification
2)	S.Y.B.Com	1) Marketing Management 3) Rural Marketing
3)	T.Y.B.Com	1) Management Accounts 3) Cash Flow Statement
		2) Indirect Tax & Direct Taxes 3) Maharashtra Value Added Tax

MONTH WISE TEACHING PLAN

Class F.Y.B.Com Paper (commerce) year: 2017-2018

Sr. No.	Month	Topics / Practicals to be Completed
	Nov. 2017	
1)	F.Y.B.Com	1) Business Mathematics and Statistics 1) Logarithms
		2) Entrepreneurship development 1) Entrepreneurship
2)	S.Y.B.Com	1) Marketing Management 1) Marketing communication
3)	T.Y.B.Com	1) Management Accounts 1) Budget & Budgetary Control
		2) Indirect Taxes & Direct Taxes 1) Income Tax Act 1961.
	Dec- 2017	
1)	F.Y.B.Com	1) Business Mathematics and Statistics 2) Correlations
		2) Entrepreneurship Development 2) Emerging Trends in Entrepreneurship Development

MONTH WISE TEACHING PLAN

F.Y.B.C.A. B.com Class ..... Paper (commerce) Year. 2017-2018

Sr. No.	Month	Topics / Practicals to be Completed
		2) Indirect Tax & Direct Taxes 4) Service Tax
	Oct - 2017	
1)	F.Y.B.com	1) Business mathematics and statistics 5) Matrices
		2) Entrepreneurship development 5) Project Identification
2)	S.Y.B.com	1) Marketing Management 5) Rural Marketing
3)	T.Y.B.com	1) Management Accounts 5) Cash flow Statement
		2) Indirect Tax & Direct Taxes 5) Maharashtra Value Added Tax

MONTH WISE TEACHING PLAN

F.Y.S.Y.&T.Y. B.com Class ..... Paper (commerce) Year. 2017-2018

Sr. No.	Month	Topics / Practicals to be Completed
	Nov. 2017	
1)	F.Y.B.com	1) Business mathematics and statistics 1) Logarithms
		2) Entrepreneurship development 1) Entrepreneurship
2)	S.Y.B.com	1) Marketing Management 1) Marketing communication
3)	T.Y.B.com	1) Management Account 1) Budget & Budgetary Control
		2) Indirect Taxes & Direct Taxes 1) Income Tax Act 1961.
	Dec - 2017	
1)	F.Y.B.com	1) Business mathematics and statistics 2) Correlations
		2) Entrepreneurship development 2) Emerging Trends in Entrepreneurship Development

MONTH WISE TEACHING PLAN

F.Y. Commerce Year 2016-2017.
.com Paper ( )

Month	Topics / Practicals to be Completed
Feb-2017	
F.Y.B.com 1)	Business mathematics & Statistics
	1) Index Numbers
2)	Entrepreneurship Development
	1) project identification and Resource management
S.Y.B.com 1)	marketing Management
	1) New Issues and Development in marketing
T.Y.B.com 1)	Management Account
	1) capital Budgeting
2)	Indirect Taxes & Direct Taxes
	1) Income from House property

MONTH WISE TEACHING PLAN

F.Y.S.Y & T.Y. Commerce Year 2016-2017.
Class B.Com Paper ( )

Sr. No.	Month	Topics / Practicals to be Completed
	March-2017	
1)	F.Y.B.com 1)	Business mathmatics & Stetistics
	1)	probality and Expected value
2)		Entrepreneurship development
	1)	project preparation
2)	S.Y.B.com 1)	marketing management
	1)	Ethics in marketing
3)	T.Y.B.com 1)	Management Account
	1)	Responcibiy Account
2)		Indirect Taxes & Direct Taxes
	1)	Income from capital Gain
		Income from other sources

prof – Shinde G.B. **PERSONAL TIME TABLE** Year. 2017–2018

Period No.	Time	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	8.30 AM – 9.20 AM	—	—	—	—	—	—
2	9.20 AM to 10.10 AM	Management Account T.Y.B.com	Management A/C	Management Account	Management Account	—	—
3	10.10 AM to 11.00 AM	Entrepreneurship Development F.Y.B.com	Entreps – Development	Entreps Development	Entrepre – Development	Direct & Indirect Tax T.Y.B.com	Direct & Indirect Tax
4	11.00 AM to 11.50 AM	Business math & stat F.Y.B.com	Business math & stat	Business math & stat	Business math & stat	—	—
5	11.50 AM to 12.40 pm	Marketing Management S.Y.B.com	Marketing Management	Marketing Management	Marketing Management	—	—
6	12.40 pm to 1.30 pm	—	—	—	—	Direct & Indirect Tax T.Y.B.com	Direct & Indirect Tax
7							
8							
9							
10							

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MONTH WISE TEACHING PLAN

F.Y. S.Y. & T.Y. B.Com (Commerce) - Years - 2017-2018

Class ..... Paper (.....)

Sr. No.	Month	Topics / Practicals to be Completed
	March-2018	
1)	F.Y.B.com -	1) Business mathematics & Statistics 2) Probality and expected value 3) Entrepreneurship Development 4) Project Preparation
2)	S.Y.B.Com	1) Marketing Management 2) Ethics in Marketing
3)	T.Y.B.Com	1) Management Account 2) Responsibility Accounting 3) Indirect Taxes & Direct Taxes 4) Income from capital Gain Income from other sources

MONTH WISE TEACHING PLAN

Class F.Y.S.Y.B.V Paper (Commerce) 2017-18

Sr. No.	Month	Topics / Practicals to be Completed
	June 2018	Business/Core Industrial Eco :-
		* Location and Dispersion :- Location of Industries - Theories of Location. Diversification Integration and Merger of Industry units. Dispersion and problem.
		* Composition of Industrial Sector significance of size, major Large Scale Industries Sugar - Cotton Iron and Steel
	S.Y.B.com	1) Corporate Accounting : Reconstruction of Joint stock Company (Internal Reconstruction only) (Numerical problem)
		2) I.T. App in Business II : Electronic Business Introduction Definition, Application of E-Business. Emerging Application Electronic Business Architecture Electronic Business Initiative Dotcom companies.
	T.Y.B.com	* 1) Banking & Insurance :- Insurance Agent : Definition Agent procedure Becoming an Agent code of conduct of Insurance
		* 2) Auditing Trends :- Meaning Definition objective and characteristics of Investigation Difference between Audit and Types.

MONTH WISE TEACHING PLAN

Class F.Y. S.Y. T.Y. Paper (Commerce) 2017-18 C

Sr. No.	Month	Topics / Practicals to be Completed	S
	S.Y.B.Com	- Corporate Account Absorption of Joint Stock Company • Purchase consideration • Ledger in the book of absorbed • Acquisition entries in the book Balance sheet after absorption * I.T. Application in Business IV:- Electronic Market online shopping online purchasing Electronic Marketing Merits Needs of Electronic marketing B2C etc	
	T.Y.B.Com:-	Banking & Insurance: Introduction of Insurance. Meaning Basic principles & significance of Insurance life Insurance corporate act 1956 IRDA 2000 provisions Impact of liberalisation Insurance * Auditing Trends:- Management Auditing:- Meaning & definition objective, Management Audit * Human Resource Audit Meaning definition, objective characteristics Difference ~~types of~~	

MONTH WISE TEACHING PLAN

Class F.Y.B.C.A Paper (Commerce) 2017-18

Sr. No.	Month	Topics / Practicals to be Completed
	T.Y.B.Com	1) Banking & Insurance : Electronic Banking, E Banking Introduction, E Banking (ATM, POS) smartcards, Internet Banking cheques, electronic cheques can product E, Banking 2) Auditing Trends: : Auditing of computerised system Planing and audit in a computer Environment general E.D.P Application EDP Application control system
	Dec 2018	
	F.Y.B.Com	Business & Industrial Eco : Manufacturing and sectors small & medium Enterprises, problems and Goverment policy Indias experience of liberalization and globalization Forms of Bussiness Hindu family firm partnership firm Joint stock company *Introduction *Industrial organization and ownership structure Public private Joint and co-operative sectors private Corporate sector MNCs and role.

MONTH WISE TEACHING PLAN

Class F.Y. SY. IA Paper Commerce 2017-18

Sr. No.	Month	Topics / Practicals to be Completed
		1) Auditing Trends I :- *Audit of computerised system Audit in an EDP enviornment planning and Audit in computer Environment control EDP EDP Application control system Nov 2018 Business & Industrial ECO :- F.Y.B.Com Factor pricing :- Marginal producting theory and demand fopction of ratio of supply of factor inputs dete -rminte of supply S.Y.B.Com Corporate Account :- III Redemption of preference: • Types of pre ference Shares • Redemption of ference share • Redemption of the profit - 2) I.T. Application in Business II Tax Application in Tally :- Introduction to vat, vat Action and classification vat computation composite

MONTH WISE TEACHING PLAN

Class F.Y.S.Y.T.Y. Paper (Commerce) 2017-18

Sr. No.	Month	Topics / Practicals to be Completed
	Oct 2017	: Business & Industrial Eco :-
	F.Y.B.com:	Factor pricing. Marginal productivity theory and demand for factors nature of supply of factor inputs. determination of wage rate under perfect competition and monopoly, Interest concept theory of Interest.
	S.Y.B.com	Corporate Accounting :-
		III Redemption of preference shares • Types of preference shares. • Redemption of from Issue of shares • Redemption of profits.
		2) I.T. Application in Business III :- Tax application in Tally: Introduction to vat, vat Accounting and classification vat, computer composite, vat. impact vat on capital goods, central GST
	T.Y.B.com	1) Banking & Insurance :- : Electronic Banking (E, Banking Introduction, E, Banking (ATM) smartcard, Interest Banking Cheque electronic Can product E Banking.

MONTH WISE TEACHING PLAN

Class F.Y.B.Com Paper (Commerce) 2017-18

Sr. No.	Month	Topics / Practicals to be Completed
		4) Issue of premium, Redemption of premium 5) Issue at "Discount" Redemption at premium. 2) I.T. App Business II Tally Inventory management Introduction to inventory creation of stock category creation of stock, group creation of stock items. Editing and deletion of stock items : usage of stock in voucher entry stock voucher or purchase order purchase and sales orders stock valuation methods Inventory reports
	T.Y.B.Com	Banking & Insurance General precautions for opening accounts KYC special types of customers minor married women. Dremands partnership joint stock companies cooperated bodies, Executor administrators trusts account Joint Account.

MONTH WISE TEACHING PLAN

Class F.Y. SY TY Paper (Commerce) 2017-18

Sr. No.	Month	Topics / Practicals to be Completed
		* Banker and customer:- Re Between a Banker and customer general relationship special relationship of money and credit supply credit control re maintain secrecy of customer Accounting to
		*2) Auditing trends:- Internal check system auditing
	sceb2017	Business and Industrial ECO:-
	F.Y.B.com	: Market structures:, Market structures and business decisions, objectives of a busn firm, perfect competition meaning concept and features meaning concept and features securities Exchange Boral of India (SEBI)
	S.Y.B.com.	Corporate Accounting: Redemption in lamp sum:

1) Issue at par" redemption à par
2) Issue at "Discount" redemption à par
3) Issue at "Premium" redemption

MONTH WISE TEACHING PLAN

Class F.Y.S.Y.T.Y. Paper Commerce ~~Accounting~~ 2017-18

Sr. No.	Month	Topics / Practicals to be Completed
		* Redemption of Debentures :-
		* Types of Debentures.
		* Methods of Rememption - Redemption in Instalment Remmption in lamp sum, Redmption cost of ect of profit cost of Fresh Issue
		* 2) I.T. Application in Business III :- creation of New company, creation of groups Ledger vouchers, Voucher entry payment voucher, Receipt voucher, Sale voucher, Purchase voucher, contra Journal voucher, Editing and deleting voucher, Bank reconciliation Bill wise details, order processing Accounting reports, Export & Import data. Web enabled reporing & online support
	T.Y.B.Com.	Banking and Insurance :-
		* Central Bank.
		Re Reserve Bank of India Introduction, organisation and management progress and problems and problems regulation of money and credit supply credit Control measures.

MONTH WISE TEACHING PLAN

Class F.Y.S.Y.B.Com Paper (Commerce) 2017-18

Sr. No.	Month	Topics / Practicals to be Completed
		2) New Auditing Trends :—
		Auditing : Meaning, objectives, scope, General principles, Types of errors and Frauds. Auditing Programme Audit/Late book.
	Aug 2017 F.Y:	* Business and Industrial Economics :-
		* Theory of Consumer Behaviour : The Indifference curve approach. Meaning, definition, assumptions and properties of indifference curve
		* Elasticity of Demand : concept. Measurement and determinants of elasticity of demand. price elasticity. income elasticity and cross elasticity. Average Revenue in/or/ and Revenue importance of Elasticity of demand. Demand forecasting Methods.
	S.Y.B.com	1) Corporate Account :— Issue of share in consideration of assts etc
		• procedure of Issue of shares
		• prospects Application : Allotment
		• forfeiture of shares, Reissue of forfeiture of shares
		* Reissue of Shares,
		* profit of Re-issue
		* Journal Entries for Issue of shares.

MONTH WISE TEACHING PLAN

B.com: F.Y.|S.Y.|T.Y.)
Class Commerce Paper ( ) 2018-19

Sr. No.	Month	Topics / Practicals to be Completed
	July-2018 F.Y.B.com	* Business and Industrial Economics: Introduction of Business Eco.:- Meaning, Definition, Nature characteristics, significance and scope of Business Eco. objectives of Business firm.
	S.Y.B.com	1) Corporate Accounting-I * Meaning of shares * Issue of shares at par, at premium, at discount * collection of share money * collection at lump sum * collection in Installment. 2) I.T. Application Business:- Introduction to Tally Fandamentals of computerized Account, computerized Accounting Tally-Accounting process.
	T.Y.B.com:	1) Banking and Insurance Banking in India • Meaning and definition of Bank • Banking & Meaning company • commercial Bank Introduction • co-operative by commercial Bank • Regional Rural Bank Introduction Bank.

Prof Nath M.N. 2017-18 **PERSONAL TIME TABLE** (Commerce Faculty)

Period No.	Time	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	S.Y.B.com. 9.30 to 10.10	Corporate Accounting	Corporate Accounting	Corporate Accounting	Corporate Accounting	I.T. Application in Business II	I.T. Application in Business II
2							
3	F.Y.B.com 11.00 to 11.50					Business & Industrial Economics	Business & Industrial Economics
4							
5	T.Y.B.com & S.Y. 11.50 to 12.40	New Auditing Trends	New Auditing Trends	New Auditing Trends	New Auditing Trend	I.T. Application in Business II	I.T. Application in Business II
6							
7	T.Y.B.com & F.Y. 12.40 to 1.30	Banking & Insurance	Banking & Insurance	Banking & Insurance	Banking & Insurance	Business & Industrial Economics	Business & Industrial Economics
8							
9							
10							

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MONTH WISE TEACHING PLAN

Class F.Y.S.Y.T.Y. Paper Commerce 2017-18.

Sr. No.	Month	Topics / Practicals to be Completed
	Feb 2018	Leadership
	F.Y.B.Com	Business & Industrial Eco :-
		composition of Industrial sector
		scale Industries, cottage and village Industries and Rural
		* Financing of Industry.
		Role and functions of IFCI, IDBI, SFDBI, MSFC in Industrial finance.
	S.Y.B.Com	corporate Account :-
		. pre-post acquisition profit.
		. pre-post acquisition loss
		. Intercom part debenture & Debts.
		2) I.T. Application Business II :-
		Business to Business E commerce.
		Business of Business Application
		B2B Electronic commerce
	T.Y.B.Com	Banking & Insurance :-
		Procedure of Taking of life insurance
		proposal form. medical Exa
		. Age proof Insurance prem
		2) Auditing Trends :-
		Treat in cooperative Audit
		Tax Audit.
	Mar 2018	Business & Industrial Eco :
	F.Y.B.Com	Functional Areas of Management
	S.Y.B.Com	Corporate Account :-
		liquidation of JO int share company
	T.Y.B.Com	Banking & Insurance :-
		General Insurance
		* Auditing Trends :-
		Tax Audit.

2017-18

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MONTH WISE TEACHING PLAN

Class F4BA Paper (Comp.) Learning Lang. Skills

Sr. No.	Month	Topics / Practicals to be Completed
		SEM-I
1	June	Prose - 1) Happy Prince
2	July	2) Good Manners
		3) The Eyes are not here
		4) Forgetting
		5) Home Coming
3	Aug.	Poetry ① One day I wrote---
		2) Ode on Solitude
		3) If
		4) My love is like---
		5) Stopping by woods----
4	Sept.	Parts of Speech 1) Nouns
		2) Adj. 3) Pronouns 4) Verbs
5	Oct.	5) Adverbs 6) Prepositions
6	NOV.	7) Conjunctions
7	Dec	8) Interjections

2017-18

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MONTH WISE TEACHING PLAN

Class ..... Paper ( ) .....

Sr. No.	Month	Topics / Practicals to be Completed
		SEM-II
8	Jan	Prose - 1) The Bet
		2) The Three Ques.
		3) With the Photographer
		4) National Prejudices
		5) Playing with Eng. Gentleman
9	Feb	Poetry - 1) Where the Mind---
		2) The Solitary Reaper
		3) Oxymandias
		4) Laugh & Be Merry
		5) The Toys
10	Mar.	Tenses
		—

2017-18

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MONTH WISE TEACHING PLAN

Class ..FYBA..... Paper (II) .....Reading List.....

Sr. No.	Month	Topics / Practicals to be Completed
		SEM - I
1	June	Poetical Types - the lyric
2	July	The sonnet The novel
3	Aug.	Shakespearean sonnets Sonnet. 29, 60, 73, 116, 130
4	Sept	Novel - The Guide by R.K. Narayan
5	Oct.	Exam
		SEM - II
6	Nov.	Poetical Types - odes Dramatic Types
7	Dec	John Keats' Odes Ode on Nightingale Ode to Autumn Ode on a Grecian Urn
8	Jan.	Drama Arms & the Man (Shaw)

2017-18

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MONTH WISE TEACHING PLAN

Class F.Y.B.Com. Paper (Comp) Written & Spoken Comm.

Sr. No.	Month	Topics / Practicals to be Completed
		SEM - I
1	June	Articles
2	July	Prepositions
3	Aug.	Active & Passive Voice
4	Sep.	Phonetic Trans.
5	Oct.	Dialogue writing
6	Nov.	Sounds of English
		SEM - II
7	Dec.	Tenses
8	Jan.	phrases, Clauses, Sentences
9	Feb.	Reported Speech Essay writing, Letter of Corres.
10	Mar.	Paragraph writing
#		

2017-18

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MONTH WISE TEACHING PLAN

Class SYBCom Paper (Comp.) Comm. Skills in Eng. & Study Skills

Sr. No.	Month	Topics / Practicals to be Completed
		SEM-I
1	June	Intro. to Comm.
2	July	Notices, Agenda & Minutes
3	Aug.	Busi. Corres.
4	Sep.	Int. & Interview skills / Vocabulary Dev
5	Oct.	Editing skills
		SEM-II
6	Nov.	speeches
7	Dec.	Presentation
8	Jan	meetings
		Non verbal comm.
9	Feb.	Reference Skills
10	Mar.	Information Transfer

Dr. Kalyankar A.S.

MONTH WISE TEACHING PLAN 2017-18

Class ..... Paper (I) Learning Language Skills (CLE-1.1)

Sr. No.	Month	Topics / Practicals to be Completed
		Unit - I Prose
	June	(1) Happy Prince :- Oscar Wilde
	June	(2) Good Manners :- J.C. Hill
	July	(3) The Eyes Are Not Here :- R. Bond
	July	(4) Forgetting :- R. Lynd
	July	(5) Home Coming :- R. Tagore
		Unit - II Poetry
	August	(1) One Day I Wrote Her Name :- E. Spenser.
	August	(2) Ode on Solitude :- A. Pope
	August	(3) If :- R. Kipling
	September	(4) My Love Is Like Red Red Rose - R. Burns
	September	(5) Stopping By Woods ... - R. Frost
		Unit - III Grammar
	October	(1) Parts of Speech
		(2) Nouns
		(3) Adjectives
		(4) Pronouns
		(5) Verbs
		(6) Adverbs
		(7) Prepositions
		(8) Conjunctions
		(9) Interjections

MONTH WISE TEACHING PLAN

Class B.A.F.Y. ..... Paper (I) The Structure of English (OPE-1.1) Sem-1

r. No.	Month	Topics / Practicals to be Completed
		Unit - I Phonetics
	June	(1) Phonetic Symbols
	July	(2) The Articulation of Speech Sounds
	July	(3) Class of Speech Sounds : Description of Vowels and Sounds
	August	(4) The Syllable
	August	(5) Pure Vowels and Dipthongs
		The Consonants of English
	September	Unit - II Grammar
		(1) Simple Sentence Pattern : Subject and Predicate, Form and Function, Basic Pattern, Sentence Pattern
	October	(2) Phrases : Noun Phrase
		Verb Phrase
		Adjective Phrase
		Adverb Phrase
		Prepositional Phrase

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MONTH WISE TEACHING PLAN

Class B.A.S.Y..... Paper (III) Literature in English 1550-1750 ..Sem.I..

Sr. No.	Month	Topics / Practicals to be Completed
		Unit - I
	June	(1) Drama Background study
	July	(1) The Essay - Definition, origin and kinds.
	August	(2) The Epic - Definition, conventions, kinds, Epic of Art & Mock Epic
	September	Unit - II Bacon's Essays
		(1) Of Friendship
		(2) of Love
	October	(3) of Studies
		(4) of Revenge
		(5) of Parents and children
		Unit - III Pope's Poem
		The Rape of the Lock

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lass B.A.T.Y.... Paper (XI - A) ..American Literature ..Sem.I..

. No.	Month	Topics / Practicals to be Completed
	June	Unit - I Poetry - Emily Dickinson
		(1) There Came A Wind Like Bugle
		(2) Apparently With No Surprise
	July	(3) They Say That "Time Assuages"
	August	(4) "Hope" Is The Thing With Feathers
	August	(5) The Heart Asks Pleasure First
	September	Unit - II Drama
		The Hairy Ape : - O'Neil
	October	Unit - III Fiction
		The Adventures of Huckleberry
		Finn - M. Twain

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Class ..... Paper (II) Learning Language Skills: 2 CLE: 1 ..... sem II

Sr. No.	Month	Topics / Practicals to be Completed
		Unit- I Proze
	November	(1) The Bet :- A. Chekhov.
	December	(2) The Three Questions :- Leo Tolstoy
		(3) With The Photographer :- S. Leacock
	January	(4) National Prejudices :- O. Goldsmith
		(5) Playing the English Gentleman :- M. Gandhi
		Unit- II Poetry
		(1) Where the Mind Is Without Fear - Tagore
	February	(2) The Solitary Reaper :- Wordsworth
		(3) Ozymandias of Egypt :- P.B. Shelley
		(4) Laugh and Be Merry :- Masefield
	March.	(5) The Toys :- Patmore
		Unit- III Grammar
		(1) The Tenses
		(2) The Present Perfect & simple Past
		(3) The Past Cont. & Past Perfect
		(4) The Future Tense
		(5) The Uses of Tense

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Class B.A. F.Y. .... Paper (III) The Structure of English ..... sem:- II

. No.	Month	Topics / Practicals to be Completed
		Unit- III Phonetics
	November	(1) Word Accent in English
	December	(2) Accent and Rhythm in connected Speech
		(3) Intonation
	January	(4) Phonetic Transcription
		Unit- IV
		(1) Complex Sentences - I
	February	(2) Complex Sentences - II
	March	(3) Word Formation
		* A Textbook of English Phonetics for Indian Students :- R. Balsubramanian
		* A Course in English Grammar :- R.N. Bakshi

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MONTH WISE TEACHING PLAN

Class B.A.I.Y..... Paper (VII) Literature in English ...Sem.I

Sr. No.	Month	Topics / Practicals to be Completed
		Unit- I Background Study
	November	(1) Shakespearean Tragedy- Its Characteristics and Nature
	December	(2) Features of Victorian Literature (All genre)
	January	Unit-II Browning's Poem Last Ride Together
	February/ March	Unit- III O'Wilde's Play Importance of Being Ernest
		Text :-
		(1) A Background to the Study of English Literature :- B. Prasad
		(2) A Short History of English Literature :- Nayar

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Class B.A.I.Y..... Paper (XV-A) .....American Literature Sem.II

No.	Month	Topics / Practicals to be Completed
		Unit- I Poetry Robert Frost
	December	(1) Mending Wall
	January	(2) Road Not Taken
		Unit- II Drama
	February	A Streetcar Named Desire :- T Williams
	March	Unit- III Fiction
		The Old Man and The Sea :- E. Hemingway

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DEPARTMENT OF ZOOLOGY

TEACHING PLAN 2017-18

NAME OF THE FACULTY: DR. ABDAR R.N. **CLASS: B.Sc. I &II Semester**

Months	Topic Taught	Periods
	Paper No. I **I - Semester**	
July	Introduction to animal kingdom, Definition of Zoology, Outline classification Protozoa, Parazoa, Metazoa and Major Phyla.Protozoa : - General characters Plasmodium vivax: - Structure of sporozoite, Life cycle; pathogenecity, Control, Prevention and Treatment of Malaria. Entamoeba histolytica: Structure, Life cycle and Control. Euglena: Morphology and Reproductive system.	12
August	Porifera : - General characters Sycon (Scypha): - Morphology. Different types of cells in sycon, canal system in Porifera. Coelenterata: - General characters Obelia: - Morphology of Obelia colony, Development of Hydra, Polymorphism in coelenterates.	10
September	Helminths : - General characters Fasciola hepatica: - Structure, Life cycle, Pathogenecity & Control Measures Taenia solium: - Structure of scolex, Mature and gravid proglottids, Life cycle, pathogenecity, and control measures.	12
October	Ascaris lumbricoides: - Structure of male & female, Life cycle, Pathogenecity & control measures. 6. Annelida: - General characters Leech: - Morphology, Digestive, Excretory & Reproductive systems.	11
	Paper No. V **II - Semester**	
December	Arthropoda: - General characters Prawn: - Structure, Digestive, Nervous, & Reproductive systems. Cockroach: External Characters, Digestive, Respiratory and Reproductive systems.	12
January	Mollusca: - General characters Pila: - External Characters, Respiratory, Circulatory, Nervous and Reproductive systems 3. Echinodermata : - General characters	10
February	Asterias (Sea Star): - Morphology of oral & aboral view, Water vascular system, Reproductive system including development. General characters and Classification of Protochordata .Amphioxus: - External features, Digestive, Circulatory, Reproductive systems including development.	18
March	Hemichordata: - General characters and affinities Herdmania: - General characters and morphology	05

Signature of Faculty

H.O.D.

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DEPARTMENT OF ZOOLOGY

TEACHING PLAN 2017-18

NAME OF THE FACULTY: DR. ABDAR R.N. **CLASS: B.Sc. III &IV Semester**

Months	Topic Taught	Periods
	Paper No. IX III - Semester	
July	Agnatha: - Out line classification and general characters of cyclostomata. Pisces: - Out line classification and general characters. Scoliodon: - External characters, Digestive system, Respiratory system, Blood Vascular System and Nervous System.	09
August	Amphibia: - Out line classification and general characters. Development of frog: - Fertilization Cleavage Blastula Gastulation and formation of germinal layers. Neotony Parental care in amphibia. Reptilia: - Out line classification and general characters. Calotes:-External features, Respiratory system and Blood vascular system. Poisonous and non- poisonous snakes.	12
September	Aves: - Out line classification and general characters. Columba livia: - External features, Respiratory system, Embryology of chick.-Cleavage Blastula Gastulation and formation of germinal layers and extra embryonic membranes. Flight adaptation in birds. Migration in Birds.	12
October	Mammalia: - Out line classification and general characters. Ratus ratus: - External features, Blood Vascular System, Urino-genital System and Adaptive radiation in mammals. Placentation in Mammals.	12
	Paper No. XIII IV - Semester	
December	Digestion: - Brief Introduction to digestive system. Buccal digestion - salivary secretion and digestion. Gastric digestion - gastric secretion and digestion. Intestinal digestion - Pancreatic secretion, bile juices and digestion in Small intestine, Digestion and absorption in large intestine. Respiration: - Respiratory organs. Breathing mechanism. Respiratory pigments: - Properties and function of respiratory pigments.	12
January	External respiration. Internal respiration. Transport of gases. Circulation: - Working of mammalian heart. Blood and its composition. Mechanism of blood clotting. Excretion:-Structure of kidney. Structure of uriniferous tubules.Urine formation: - Ultra filtration selective, re-absorption and tubular secretion. Counter current multiplier system.	09
February	Nerve Physiology: - Structure of nerve cells and neuron. Neuro transmitters. Synapses: - Ultra structure and function.Muscles Physiology: - Ultra structure of smooth muscle, striated muscles, and cardiac muscles. Muscle contraction. Simple twitch and fatigue	18
March	Reproduction: - Structure of gonads, Gametogenesis. Role of sex hormones in Reproduction. Reproductive cycles – estrous and menstrual cycle	06

Signature of Faculty

Dr. RAMESH N. ABDAR
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DEPARTMENT OF ZOOLOGY

TEACHING PLAN 2017-18

NAME OF THE FACULTY: DR. JADHAV S.S. **CLASS: B.Sc. I &II Semester**

Months	Topic Taught	Periods
	Paper No. II I - Semester	
July	Structure of Prokaryotic Cell, Structure of Eukaryotic Cell, Cell Cycle, Mitosis, Meiosis.	12
August	Structure and function: Endoplasmic Reticulum, Golgi Bodies, Nucleus, Lysosome, Ribosome.	10
September	Mitochondria: Morphology{Ultra Structure and Biogenesis} DNA Structure, Types of RNA, Cytology of Cancer and Types.	10
October	Light Microscope, Phase Contrast Microscope, Electron Microscope. Micro technique, Fixation, Staining	13
	Paper No. VI II - Semester	
December	Definition of Genetics and Variation, Mendel's Law of Heredity, Epitasis, Supplementary gene, Complementary gene. Spontaneous and Induced mutation Coat Colour in Rabbit, ABO Blood group in man, Rh factors	14
January	Definition of Maternal Effect, coiling shell in Snail, Male sterility. Chromosomal aberration {Structure and numerical}, Spontaneous and Induced mutation Co2 sensitivity in Drosophila, Kappa Particles in paramecia Chromosomal theory in sex determination	12
February	Gene balance theory of sex determination. Triploid intersexes and Gynandromorphs in Drosophila, Mutation, Gene Mutation:	14
March	Gene Mutation: Definition and Classification, Chromosomal aberration {structure and numerical}.	05

Signature of Faculty

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DEPARTMENT OF ZOOLOGY

TEACHING PLAN 2017-18

NAME OF THE FACULTY: DR. JADHAV S.S. CLASS: B.Sc. III & IV Semester

Months	Topic Taught	Periods
	Paper No. X III Semester	
July	Definition, concept and function of gene, Transcription of gene: - Initiation, elongation and termination. Genetic code: - Concept of codon, properties of genetic code, Translation of gene: - Initiation, elongation and termination.	09
August	Gene Pool., Gene Frequency, Herdy-weinberg's Law, Application of Herdy-weinberg's Law, Human chromosomes, Sex linked inheritance- X and Y Linked, Dizygotic and monozygotic twins, Inborn errors in metabolism: - PKU, Albinism.	12
September	Genetic disorders: - Down's syndrome, Turners' syndrome Klinefelter's syndrome, Use of human genetics in medical science: - Disease diagnosis Gene therapy and DNA finger printing, Microbial Genetics: - Transformation, Conjugation, Transduction.	12
October	Genetic Engineering: - Introduction: - Definition, Concept and significance. Restriction enzymes: - Concept and types. Cloning vectors: - Plasmid, Cosmid, phase. Construction of r-DNA. Application of r-DNA technology	12
	Paper No. XIV IV Semester	
December	Definition, concept and nomenclature, Properties, classification, Mechanism of enzyme action, Factors affecting enzyme action (Temperature, pH, Substrates & Co-enzyme.) Adrenal gland: - Morphology & histological structure, Hormones and their function. Pancreas: - Islets of langarhance- Histological structure Hormones and their function. Carbohydrates: - Definition Classification monosaccharide, disaccharides, oligosaccharides and polysaccharides.	14
January	Metabolism: - Glucogenesis, Gluconeogenesis, Glycolysis, TCA. & oxidative phosphoration. Proteins :- Definition , classification -simple , conjugated and derived proteins, Structure of proteins: - Primary, secondary, tertiary and quartery. Metabolism: - Deamination and transamination Definition, classification, simple, compound and derived lipids. Metabolism: - β oxidation and cholesterol biosynthesis	16
February	Vitamins: - Sources and deficiency. Endocrine system of vertebrates: - Introduction: - Definition of endocrine, Paracrine and Autocrine system. Significance of endocrine and neuro - endocrine system.	10
March	Pituitary gland: - Morphology & histological structure, Hormones and their function. Thyroid gland: - Morphology & histological structure	05

Signature of Faculty

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DEPARTMENT OF ZOOLOGY

TEACHING PLAN 2017-18

NAME OF THE FACULTY: DR. VAIDYA V.V. **CLASS: B.Sc. V Semester**

Months	Topic Taught	Periods
	Paper No. XVII V Semester	
July	Definition, basic concept, terminology used in ecology. Abiotic environmental factors: Temperature; Concept, temperature fluctuation in different environment. Range of temperature tolerance, effect of temperature on animals, Thermal adaptation. Light-Concept, Light variation in different environment, effect of light on animals. Adaptation to salinity and moisture	10
August	Biotic environmental factors: - Composition: - Definition, types, intraspecific and interspecific composition. Predation: - Definition, characteristics of predation. Commensalisms: - Definition and types with examples. Mutualism: - Definition and example. Parasitism: - Definition and types with examples.	08
September	Population: - Definition and basic concepts, Characteristics of population; Density, Natality, Mortality, Dispersion and Age distribution. Population growth. Population regulation. Community: - Definition, basic concept and types. Structure of community; producer, consumers and decomposers. Characters; ecological niche, diversity, abundance, dominance, ecotone, edge effect. Community succession; example of succession and climax	12
October	Ecosystem: - Definition, concept and types. Components of ecosystem, Dynamics of ecosystem: - primary production, secondary production, food chain, food web, tropic level, energy of flow, ecological pyramids. Brief introduction to major ecosystems: - Marine ecosystem, Pond ecosystem, Forest ecosystem and Desert ecosystem	15
	Paper No. XVII C V Semester	
December	Introduction to Economic entamology. Methods of collection and preservation of insect. Type study of grasshopper- systematic position, external morphology, digestive, nervous, reproductive system including development.	12
January	Insect –orders (general characters) Thysanura Collembella Lepidoptera Diptera Coeloptera Hymenoptera	12
February	House hold and Human insect pest:- Bed bugs, Mosquito, Rat Flea, and House fly, Cockroach, Pediculus. Metamorphosis in insect, types of metamorphosis with example	12
March	Insect Culture (gross study) Apiculture, Sericulture and lac culture	08

Vaidya V.V

Signature of Faculty

H.O.D.

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DEPARTMENT OF ZOOLOGY

TEACHING PLAN 2017-18

NAME OF THE FACULTY: DR. VAIDYA V.V. **CLASS: B.Sc. VI Semester**

Months	Topic Taught	Periods
	Paper No. XXI **VI Semester**	
July	Concept of organic evolution: - Definition and concept. Theories of organic evolution in brief; Preformation theory, Bear's Law, Biogenetic law, catastrophism, Lamarckism, Darwinism and Germplasm theory. Origin of Life: - Definition, Abiogenesis, Biogenesis. Chemical evolution of life. Evidences of Organic Evolution: - Anatomical evidences. ¾ Embryological evidences.	12
August	Darwinism: - Introduction: - Natural selection theory, Artificial selection theory and sexual selection theory. Elemental forces of evolution: - Mutation: - Concept and role in evolution. Recombination: - Concept and role in evolution. ¾ Natural selection: - Concept and role in evolution. Isolation: - Concept and role in evolution. Genetic Drift. : - Concept and role in evolution	12
September	Basic patterns of evolution: - Sequential and divergent evolution. Microevolution: - Concept, silent features and mechanism with example. Macro evolution: - Concept, silent features and mechanism with example. Mega evolution: - Concept, silent features and mechanism with example.	12
October	Species and speciation: - Species: - Morphological concept, Genetical concept, biological concept of species, Speciation: - Definition, concept, mechanism of speciation. Allopatric, Sympatric and Parapatric speciation. Fossils: - Definition, fossil formation, Types of fossils.	10
	Paper No. XXII C **VI Semester**	
December	Pest Management pest –Definition, types of pest, agricultural, veterinary and medical pest. Study of major crop pest: - Classification, Characters. Jawar-Stem borer, Midge flies	12
January	Cotton- Red cotton bug, pink bollworm Groundnut-White grub, pod sucking bug Sugarcane- Pyrilla, Stem borer. III Study of Stored grain pests: 08 Rice weevil, pulse bettle	12
February	Control measures of insect pest. Methods of control measures-Chemical, Biological, integrated pest management. V migration of insect.	11
March	Insecticides and plant protection appliances like Hand compression spray, Hand rotating duster, bucket pump	10

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Sem- I (2017-1

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kad

MONTH WISE TEACHING PLAN

Class ...F.y.B.Sc Paper (102) Ordinary differential Eq

Sr. No.	Month	Topics / Practicals to be Completed
1.	June	Admission Process
2.	July	Pre-requisites, Introduct to ODE, Eq^ of first orde Eq^ of first degree.
3.	August	Linear eq^ with consta coefficient. Linear eq^ with variable coefficient
4.	September	All methods of finding P.I. & Derivation of PDE.
5	October	Examples solving, Revis

Sem I (2017-18)

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class S.Y. Paper (301) Number Theory

Sr. No.	Month	Topics / Practicals to be Completed
1.	June	Introduction, Divisibility Theory, Division Algo.
2.	July	Euclidean Algo., GCD
3.	August	Diphontine eq^, Basic properties of congruences
4.	September	Fermat's thm, Euler's thm, Wilson's thm. Examples on it
5.	October	Mobius function, ϕ func^ Revision, test.

Sem I (20

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MONTH WISE TEACHING PLAN

Class ...S.Y..... Paper (302) .....Integral Transform...

Sr. No.	Month	Topics / Practicals to be Complete
1.	June	Introduction to β & functions, Elementary properties, Relation between β & Γ function
2.	July	Laplace Transform
3.	August	Convolution thm & examples on it
4.	September	Inverse L.T., Application to D
5.	October	Fourier Transform Examples solving Revision

Sem I (2017-18)

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class ....T.y..... Paper (501) .....Real Analysis.....

Sr. No.	Month	Topics / Practicals to be Completed
1.	June	Introduction to set theory, Operations on set.
2.	July	Fuctions :- Defⁿ, Ex., thm.
3.	August	Sequence of real no. thm, Exe.
4.	September	Series of real no. thm, Examples.
5.	October	Revision, Exercise

Sem II (17-

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kad

MONTH WISE TEACHING PLAN

Class ....F.y..... Paper (202) ..... Geometry .....

Sr. No.	Month	Topics / Practicals to be Completed
1.	November	Prerequisites, Introdu-ction
2.	December	Right Line, Eq^, Exa-mples on it
3	January	Sphere, Cone thm & Exercise
4.	February	Central Conicoids
5.	March	Exercise, Examples Revision

Sem II - (2017-18)

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class ....S.Y..... Paper (401) ....Numerical Methods.....

Sr. No.	Month	Topics / Practicals to be Completed
1.	November	Introduction, Solutions of Algebraic & Transcendental equations
2.	December	Interpolation, Examples
3.	January	Curve fitting & Approximations, Solution of Linear System of eq^
4.	February	Numerical Sol^ to ODE Examples, Test.
5.	March	Revision, Example Solving

Sem II (2017-18)

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class S.Y. Paper (402) PDE

Sr. No.	Month	Topics / Practicals to be Completed
1.	November	PDE. Prerequisites, Introduction
2.	December	PDE of order 1 linear eq^
3.	January	Non linear PDE of order 1, Ex.
4.	February	Linear PDE non-homo-geneous with constant coefficient, with variable coefficient
5.	March	Revision, Example solvi-

Sem II (2017-18)

Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada

MONTH WISE TEACHING PLAN

Class T.Y. **Paper** (601) Real Analysis - II

Sr. No.	Month	Topics / Practicals to be Completed
1.	November	Limits in Metric Spaces, Examples
2.	December	Continuous func^n on metric space, Examples
3.	January	Connectedness, Completeness & Compactness thm, Ex.
4.	February	Fourier Series, Revision
5.	March	Test, Revision