



1) Tittle of the Practice:

Nurturing the mother Earth

#### 2. Objectives:

- 1) To analyse collected soil samples in terms of physico-chemical parameters.
- 2) To maintain eco-friendly campus.
- 3) To manage waste & e-waste effectively.
- 4) To organize various activities for environmental awareness.
- 5) To ban the use of non-degradable products.
- 6) To consume energy sources efficiently.
- 7) To provide sachets of trichoderma and information of vermiculture to farmers after soil testing
- 8) To follow reduce, reuse and recycle principle.

#### 3. Context:

#### Location-

- ➤ Kada in Ashti Tehsil of Beed district in Maharashtra is situated between 180 53' 46 "N Latitude. 750 04 '42' E Longitude Height and is located at 598 meters above sea level with low rainfall. It is drought affected area and the farmers are totally dependent on the rain water and use of chemical fertilizers for combating the biotic and abiotic stress.
- The college initiated the practice by considering the need to preserve soil texture. The collected soil samples are analysed in terms of physic-chemical parameters. The prepared soil health card is used as tool for farmers to monitor and improve soil health based on field experience. This card is useful for farmers to record soil texture and to assist different soil management practices.
- The college creates awareness about environmental awareness through various activities like for tree plantation. The students are compelled for the examination of environmental awareness. The guest in various function are offered plants.
- The use of solar panel and LED bulbs is observed for efficient energy consumption. The notices are displayed at various places regarding its use.
- > The roof rainwater harvesting system is installed for the conservation of bore well.
- Solid as well as e-waste management is effectively done with the help of installation of dustbin of various places inside the campus and for e-waste by forming MOUwith neighbouring local agency.

#### 4) The Practice:

The institute has adopted nearby selective villages. It becomes highly necessary for a farmer to know the soil elements of his farm before farming. The fertility and productivity depend on inherent soil elements. If the farmer comes to know the proportion of important soil elements as Nitrogen, Potassium, phosphorous present in soil, the conductance and PH of soil, he can easily come to know which crop and how much fertilizer his land require. This knowledge leads farmer to large productivity of the crop. With a view to make the farmer aware of the above-mentioned fact, the college initiated the best practice 'Nurturing the Mother Earth' by providing soil Health Card to each farmer of the surrounding villages.

The task of providing soil Health Card under the best practice 'Nurturing the Mother Earth' is of prime importance. The college with the selected students collected the soil sample from the surrounding villages under the team of professors and is handed over to Agriculture office for analysis. Accordingly, the students and teachers collectively are taking efforts to analyse the collected soil samples after testing. It provides a qualitative assessment of solid health. The purpose is to use indicators for soil's ability to support crop production within its capabilities and limitations. The card includes proper implementation of fertilizers crop wise recommendation of fertilizers required for farm lands resulting to identify health of soil and the use of soil nutrients. The card contains an advisory based on soil nutrient status of a farmers holding. It shows recommendations on dosage of different nutrients needed. The farmers were guided free of cost for per sample. The college also provides Trichoderma Sachets, Vermicompost to the farmers from surrounding area.

The college also conducts various activities in association with various departments for the promotion of environmental awareness. The activities like tree plantation, water conservation, effective use of energy sources, plastic ban, roof rain water harvesting, green iniatives and promotion of alternative transportation facilities etc. are encouraged. The ewaste of the institute is handed over to a private agency as per the terms and conditions mentioned in MOU.

#### Green energy Solar System

There are solar street lamps installed in campus with photovoltaic battery systems. These lamps store energy with the PV panel in the day time to the battery and then this charged battery is used for illuminating the LED in the dark hours.

#### Plantation-Dripper:

The College has established Deorai (Tree Plantation) with more than one thousand various plants having medicinal, ornamental, and aromatic. The garden is facilitated with drip irrigation system. The plants are tagged with GPRS locations.

#### Roof Rain water harvesting system

Rain water harvesting is an environmental friendly technique that includes efficient collection and storage that greatly helps neighbourhood people is established in the campus to address the water scarcity issues which may arise in the future.

#### 5) Evidence of success:

- The soil health texture is improved
- The farmers acknowledged the importance of vermiculture, *Trichoderma* and organic farming. A large number of farmers participated in dialogue session, Dalimb (*Pomegranite*) Parishad, Vermicompost etc.
- > The college not only promoted tree plantation in campus but also the same is followed in adopted villages for NSS campaign.
- > The college also conducted Green Audit.
- Use of solar energy sources and LED bulbs installed in the campus.
- Waste Management is done with the help of Gram Panchayat Kada.
- There is some reduction in fertilizer use, especially nitrogen and increase in biofertilizers and other micro nutrients use. Crop yields have also increased for majority of the crops, although only moderately.
- A significant impact is the increase in micro nutrient to some extent.
- There is a need for strengthening the soil health card related extension services to provide better advisories
- Most of the sample farmers indicated that SHC is beneficial which is encouraging, given the short spam of the programme.
- Main complaint from the farmer is timeliness of providing the results. This however is linked to the infrastructure and human resources. Results need to be disseminated before sowing season, so that farmers will practice recommended crop choice and fertilizers.

#### Problems encountered and Resources required.

- Most of the farmers are illiterate
- Farmers are more interested in traditional farming.

- The less number of farmers give importance to the guest lectures and various activities.
- The farmers are lacking proper financial support to implement the new technology for farming.
- The farmers resist adopting eco-friendly products as they are not familiar with it.
- The available finance sources are limited. They do not afford to buy eco-friendly products due to heavy costs.
- The farmers are always engaged in different Agriculture work.
- There is problem of transport for farmers to participate in the activities.
- The requirement of different documents for Government policies disappoints the farmers to implement innovative techniques in farmers.
- The products of organic farming are so costly that farmers do not get good crop cost in the surrounding region.
- The lack of irrigation facilities causes disturbance to adopt new crop patterns.
- Lack of Human Resources lead to problems in farming.

#### Sample Analyzed Data

Sr. No.	Villages	No. Of samples analyzed		
1	Kada	103		
2	Jalgaon	105		
3	Sheri (B)	95		
4	Waki	104		
5	Mandwa	105		
6	Devlali Panachi	207		
7	Kerul	109		
8	Hivra	100		
9	Sangavi Pathan	103		
10 Watanwadi		108		



#### Shri Amolak Jain Vidya Prarsarak Mandal's Smt.S.K.Gandhi Arts, Amolak Science & P.H. Gandhi Commerce College,

Kada, Dist - Beed (M.S.) 414202





श्री अमोलक जैन दिया प्रसारक मंडळ कडा, संबस्तित श्रीमती एस.चे.गांधी आर्टस्, अमोलक सायन्स व पी.एच.गांधी कॉमर्स कॉलेज,कडा ता.आरी जि.बीड.



# माती परीक्षण कशासाठी?





## जमिनीचा आम्ल पित्त निर्देशांक समजण्यासाठी

 पिकांच्या वाढीलाठी आवश्यक अन्नद्रव्याचा पुरवठा कसा डोईल हे समजते. कोणती रासायनिकखते वापरावीत हे ठरविला येते.

## क्षारांचे प्रमाण समजण्यासाठी-

जमिन क्षारयुक्त किंवा बोपण असल्यास समजते.

## जिमनीतील सेंद्रिय कर्वाचे प्रमाण समजण्यासाठी

 सेंद्रिय कार्बाचे प्रमाणावरून जिमनीमध्ये सेंद्रिय पदार्थ किती आहेत हे समजते जिनतीचे आरोप्य जिमनीतील सेद्रिय पदार्थावर अवलंबुन असते.

## जिमनीतील मुक्त चुन्याचे प्रमाण समजण्यासाठी

 नत्र, स्फुरद आणि पालाश ही प्रमुख अन्तद्रव्ये मोठया प्रमाणात लागताता.श्याची जिमनीतील उपलव्यता माती परिक्षणामुळे समजते व त्यानुसार पिकांना रासायनिक खतांचा पुरवठा करता येतो. इतर दहा अन्तद्रव्ये कमी प्रमाणात लागतात. जिमनीत त्यांचे प्रमाण किती आहे हे समजते.

## जमितीचा पोत, मातीच्या कणांची रचना, जलधारणाशक्ती हे जमिनीचे भौतिक गुणधर्म समजण्यासाठी

वावर जिमनीची पाणी धरूण ठेवण्याची क्षमता आणि पाण्याच्या निच-यांची क्षमता अवलंबुन असते.

## जिमनीतील सोडीयम या हानीकारक मुलद्रव्याचे प्रमाण समजण्यासाठी-

सोडीयमचे प्रमाण जास्त असत्यास जिमन कुपोषण होते व त्यामध्ये पिकांची वाढ होत नाही.
 ही जिमन पिकवाढीस योग्य करावयाची उपाययोजना निश्चित करण्यासाठी मातीपरीक्षण करणे आवश्यक आहे.

PRINCIPAL



### Shri Amolak Jain Vidya Prarsarak Mandal's Smt.S.K.Gandhi Arts, Amolak Science & P.H. Gandhi Commerce College,

Kada, Dist - Beed (M.S.) 414202





श्री.अमीलक जैन विद्या प्रसारक मंडळ कडा, संवतित श्रीमती एम.के.गांधी आर्टम्, अमीतक सायन्य व यी.एच.गांधी कॉमर्स कॉलेज,कडा ता.आरी जि.बीड.



# माती नमुना घेण्याची पद्धत







#### मातीचा प्रतिनिधीक नम्ना घेण्याची पहत

- नमुना गोळा करण्यापुर्वी जमिनीचा रंग, जमिनीची लुपिकता, जमिनीचा उंबसखलपणा आणि जमिनीचा उतार यानुसार शेताये निरनिराळे भाग पाडावेत.
- प्रत्येक भागासाठी मातीचा स्वतंत्र नमुना घ्यावा.
- नमुना घ्यावयाच्या शेतास वित्र क्र.२ मध्ये दल्खविल्या प्रमाने नागमोडी पद्धतीने सर्वसायारणपणे १५ ते २० ठिकणहुन नमुन्यासाठी माती गोळा करावी.
- प्रत्येक ठिकाणी गिरमिट अथवा भावडे व खुरम्याने मातीवा नमुना ध्यावा.
- गिरमिटने नमुना घेताना जनिनीत ९ ते १० ईच खोलीपर्यंत गिरमिट काढुन रोवावे व त्यानंतर ते बाहेर काढुन त्यातील माती नमुन्यासाठी घ्यायी.
- फावडे व खुरप्याने नमुना घेताना जिमनीमध्ये चित्र क.१ मध्ये दाखिरयाप्रमाणे इंगजी व्ही.
   आकाराचा ९ ते १० इंच खोलीचा खड्डा खोदावा व खड्ड्याच्या क्खेची माती खुरप्याने जमा कसन नमुन्यासाती घ्यापी.
- शेतातील १५ ते २० विकाणी माती एकत्रित करून त्याचा एक डिम करावा व त्याचे चार समान भाग करावेत (चित्र क.३ पहा)
- त्या वार भागांपैकी समोरासमोरील भाग आवड निवड पद्धतीने निवडून दोन भाग टाकून छावेत व उस्लेले दोन भाग एकत्र करावेत.अशा पद्धतीने १ किस्तो माती जिल्लक सिहिपर्वत करावे.
- माती ओली असल्यास ती साबलीत वाळावाची.
- नमुन्याची माती कापड़ी किंवा प्लास्टिकच्या पिसवीत भरावी व तपासणीसाठी प्रयोगशाळेत पाठवाची.

#### मातीचा नमुना घेताना घ्यावयाची काळजी

- मातीचा नमुना सर्वसाधारणे पिकाची कावणी झाल्यानंतर परंतु नांगरटीपुर्वी घ्यादा.
   शेतात पिक असल्यास दोन ओळीतील जागेतुन नमुना घ्यादा.
- शेतात शसायनिक खते टाकली असल्यास दोन ते अडीच नहिन्याच्या आत नमुना घेक नये.
- \* रासायनिक खतांच्या मोकच्या पिशव्या माती नमुना धेण्यासाठी वापरू नयेत.
- निरनिराह्म्या पिकांच्या जमिनीचे किंवा निरनिराह्म्या शेतातील मातीचे नमुने एकत्र करू नयेत.

PRINCIPAL

S.A.J.V.P.M. Kada's

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

# Soil samples collections from various villages by students and teachers

















# **Instrumentation Facility**

Sr.no.	Name of instruments	Model number		
1	Digital colorimeter	EQ 650		
2	Potentiometer	EQ603		
3	Spectrophotometer single beam	LMSP-V320		
4	Digital nephelo/turbidity meter	SYSTRONICS 132		
5	Digital flame photo meter	SYSTRONICS		
6 Magnetic stirrer		Remi 1MLH		
7	Electronic balance	Wensar PGB.200		
8	U. V. chamber	MSW		
9	Digital ultra sonicator	LMUG-2		
10	pH meter Digital	LI-120		
11	Conductometer	EQ-660S		
12 Soil and water analysis kit		Prerana laboratories		
13	Digital polarimeter	EQ-80		
14 Suction pump		Set farcovac		

PRINCIPAL S.A.J.V.P.M. Kada's

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









Soil Health Card Scheme launched by the Government of India in February 2015. Under the scheme, the government plans to issue soil cards to farmers who will carry crop-wise recommendations of nutrients and fertilizers required for the individual farms of the farmers to improve productivity through judicious use of inputs. All soil samples are to be tested in various soil testing labs across the country. Thereafter the experts will analyze the strength and weaknesses (micronutrients deficiency) of the soil and suggest measures to deal with it. The result and suggestions will be displayed in the card. The government plans to issue the cards to 14 crore farmers

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## Soil Health Card Distribution to Farmers













## Table showing the results of adopted 10 villages before and after Soil Health Card

Crop cultivat ed	Е	Sefore SH	C (kg/ha	a)	A	fter SHC	C (kg/ha	)	,	% change	after SH	С	Production Refore	tion e in	e in product	e in product			Increased production value	Total gain (Rs/ha)
	N	P	к	MN	N	P	K	MN	N	P	К	MN	ha)	(kg/ha)	N	P	к	MN		
Cotton	316	119	56	0	237	43	30	0	-25	-64	-46	0	1850	300	632	1371	464	0	10500	12967
Ground nut	92	106	28	0	32	51	44	0	-65	-52	57	0	1680	466	478	992	-287	0	16310	17493
Maize	283	70	99	0	173	51	55	125	-39	-27	-44	125	2750	863	883	340	784	-1250	9493	10250
Paddy	182	81	53	3	109	59	42	18	-40	-27	-21	18	3280	1141	582	394	200	-150	15974	17000
Paddy, gram	20	14	2	10	12	6	2	10	-40	-57	0	10	3165	927	64	144	0	0	12978	13186
Ragi	109	132	66	0	75	54	35	18	-31	-59	-47	18	1940	1317	270	1402	558	-180	15804	17855
Soybean -gram	28	73	16	0	46	111	13	0	64	52	-19	0	1350	630	-143	-683	55	0	15750	14978
Sunflow	119	79	0	0	96	62	0	0	-19	-22		0	2030	1519	181	313	0	0	45570	46064
Total	174	88	49	0	106	59	41	20	-39	-33	-16	20	2268	1010	543	523	141	-198	17797	18807

- 1. There is some reduction in fertilizer use, especially nitrogen and increase in biofertilizers and other micro-nutrients use. This is a good sign as N:P: K ratio was highly skewed towards nitrogen. Costs were reduced due tolow fertilizer use. Crop yields have also increased for majority of the crops, although only moderately.
- 2. A significant impact is the increase in the use of gypsum and other micro nutrients to some extent.
- 3. There is a need for strengthening the soil health card related extension services to provide better advisories.
- 4. Two-thirds of the sample farmers indicated that SHC is beneficial which is encouraging, given the short span of the programme.
- 5. Main complaint from the farmers is the timeliness of providing the results. This, however, is linked to the infrastructure (soil testing labs) and human resources. However, after the introduction of the SHC scheme, the time lag is significantly reduced. Results need to be disseminated before sowing season, so that farmers will practice recommended crop choice and fertilizers.
- 6. It is important to address these issues to gain confidence of the farmers in adoption of the fertilizers as per the recommendation in the SHC.
- 7. The scheme has a poor backing of infrastructure and human resources, with significant gaps.



## Amolak Deorai Botanical Garden- Tree Names and their Uses

Sr. No.	Common name	Botanical Name	Family	Uses Hally 148 *
1	Wad	Ficus benghalensis	Moraceae	In traditional system of medicine, various plant parts of <i>Ficus benghalensis</i> L. such as stem bark, aerial roots, underground roots, vegetative buds, leaves, fruits and latex have been used in various nervous disorders i.e. seizure, insomnia, anxiety etc.
2	Nagchapha	Musua ferra	Calophyllacae	Mesua ferrea linn., commonly known as 'Nagchampa' or 'Nagkesar', is one such herbal plant having many potential therapeutic activities. It is used in diseases like rheumatism, asthma, inflammation, fever, dyspepsia, renal diseases, dysentery, bleeding piles, a bacterial and fungal infection.
3	Cadamb	Neolamarckia cadamba	Rubiaceae	It is used in the treatment of various ailments such as fever, uterine complaints, blood diseases, skin diseases, tumour, anaemia, eye inflammation and diarrhoea. Other reported uses of <i>N. cadamba</i> include antihepatotoxic, antimalarial, analgesic, anti-inflammatory, antipyretic, diuretic and laxative.
4	Lodra	Symplocos racemosa	Symplocaceae	Ethnobotanical literature indicates use of <i>S. racemosa</i> in treatment of eye disease, skin diseases, ear diseases, liver and bowel complaints, tumors, uterine disorders, spongy and bleeding gums, asthma, fever, snake-bite, gonorrhea and arthritis.
5	Vet	Calamus pseudotenuis	Arecaceae	The slender cane of this species is strong and used for making baskets etc. Castlerock, Karnataka, India.
6	Bhumi Amla	Phyllanthous amarus	Phyllanthaceae	It is bitter, astringent, stomachic, diuretic, febrifuge and antiseptic. The whole plant is used in gonorrhea, menorrhagia and other genital affections. It is useful in gastropathy, diarrhoea, dysentery, intermittent fevers, ophthalmopathy, scabies, ulcers and wounds.
7	Pimpali	Piper longum	Piperaceae	It is most commonly used to treat chronic bronchitis, asthma, constipation, gonorrhea, paralysis of the tongue, diarrhea, cholera, chronic malaria, viral hepatitis, respiratory infections, stomachache, bronchitis, diseases of the spleen, cough, and tumors.
8	Chitrak	Plumbago zeylanica	Plumbaginaceae	Phumbago zeylanica (known as "Chitrak") is a useful Indian medicinal plant. The root of the plant and its constituents are credited with potential therapeutic properties including anti-atherogenic, cardiotonic, hepatoprotective and neuroprotective properties.
9	Tulsi	Ocimum sanctum	Lamiaceae	The Ocimum sanctum L. has also been suggested to possess antifertility, anticancer, antidiabetic, antifungal, antimicrobial, hepatoprotective, cardioprotective, antiemetic, antispasmodic, analgesic, adaptogenic and diaphoretic actions.

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10	Akkalkara	Spilanthes oleracea	Asteraceae	The leaves are used for culinary purposes, and the flowers have been used for their numbing and pain-relieving properties, earning the plant such common names as the toothache plant. In addition, it has been noted to relieve stomatitis, have taste-activating properties, and to induce a salivary response.
11	Nirgudi	Vitex negundo	Verbenaceae	These bioactive compounds exhibit anti-inflammatory, antioxidant, antidiabetic, anticancer, antimicrobial. VN is typically known for its role in the modulation of cellular events like apoptosis, cell cycle, motility of sperms, polycystic ovary disease, and menstrual cycle.
12	Haldi	Curcuma longa	Zingiberaceae	It is commonly used as a spice in curries, food additive and also, as a dietary pigment. It has also been used to treat various illnesses in the Indian subcontinent from the ancient times.
13	Mogra	Jasminum sambac	Oleaceae	Jasminum sambac (L.) is a South Asian folkloric medicinal plant that has traditionally been used to treat cardiovascular problems.
14	Aboli	Crossandra infundibuliformis	Acanthaceae	Crossandra infundibuliformis belonging to family Acanthaceae is a well-known medicinal plant in various regions of India. This plant is one of the most chosen varieties for folk medicine. Flower extract is used in various conditions like fever, headache, aperitif, pain and wound healing
15	Mosambi	Citrus sinensis	Rutiaceae	It has been used traditionally to treat ailments like constipation, cramps, colic, diarrhea, bronchitis, tuberculosis, cough, cold, obesity, menstrual disorder, angina, hypertension, anxiety, depression and stress
16	Neche	Nephrolepis cordifolia	Nephrolepidaceae	N. cordifolia is commonly cultivated as ornamental fern in Shilong and often the tubers are eaten to quench thirst. Juice of root tubers is taken to treat fever, indigestion, headache, cough, cold and hematuria. Whole plant is used to cure renal, liver and skin disorder
17	Passionfruit / Krushnakamal	Passiflora edulis	Passifloraceae	Passion fruit (Passiflora edulis) is a tropical fruit belonging to the family of Passifloraceae. Originating in South America, passion fruit has been used widely in folk medicine in South America to treat anxiety, insomnia, asthma, bronchitis, and urinary infection.
18	Kadipatta	Murrya koenigii	Rutaceae	The green leaves of <i>M. koenigii</i> are used in treating piles, inflammation, itching, fresh cuts, dysentery, bruises, and edema. The roots are purgative to some extent. They are stimulating and used for common body aches.
19	Krishnavad	Ficus krishnse	Moaraceae	Ficus krishnae is one of the medically important plant belonging to the family Moraceae. It has been used extensively by ayurvedic practitioner in India to treatvarious ailments such as ulcers, vomiting, fever, inflammations, leprosy, syphilis, biliousness, dysentery and inflammation of liver.
20	Adulsa	Adhatoda zeylanica	Acanthaceae	The leaves, roots, flowers, and bark of this plant have been used in the treatments of cough, colds, asthma, to liquefy sputum, as a bronchodilator, bronchial catarrh, bronchitis, and tuberculosis. A number of parts of the plant are commonly used in the forms of decoctions or powders.
21	Malkangani	Celastrus paniculata	Celastraceae	Malkangani (Celastrus paniculatus Willd.) seeds and its oil are used for the treatment of Sciatica, Amnesia, Leprosy

				(Juzaam), Pneumonia, Pleurisy, Anaemia (Su -al-Qiniya), Ascites (Istisqa), Loss of appetite, Flatulence, Sexual weakness, Amenorrhea, Leucoderma and Gout etc.
22	Rui	Calotropis procera	Apocynaceae	Calotropis procera is a well-known plant and has been traditionally used for diarrhoea, stomatic, sinus fistula, and skin disease, and the leaf part is used to treat jaundice.
23	Sonchapha	Michelia champaca	Magnoliaceae	M. champaca L. has traditionally been used to treat diarrhea, cough, bronchitis, hypertension, dyspepsia, fever, rheumatism, abscesses, dysmenorrhea and inflammation. It is also used as purgative, expectorant, cardiotonic, digestive, carminative, stomachic, stimulant, diuretic, diaphoretic, antipyretic and astringent.
24	Zendu	Tagetus patula	Asteraceae	In particular, flowers and entire herb of <i>T. patula</i> (French marigold) are used for preparing ethnobotanical remedies against rheumatism, stomach and intestinal problems, kidney and hepatic disorders, fever, and pneumonia
25	Ratangunj	Adenanthera pavonina	Fabaceae	The plant is reported to have a wide range of biological activities, such as astringent and styptic (used in diarrhoea, stomach haemorrhage, haematuria) and anti-inflammatory (in rheumatic affections, gout) actions (Khare, 2007). Seeds are anticephalgic and also used for the treatment of paralysis.
26	Surangi	Mammea suriga	Callophyllaceae	It is a large tree, growing to a height of 12–18 m and its bud is used as a minor spice. The flower buds possess mild stimulant, carminative and astringent properties and are used in the treatment of dyspepsia and haemorroid. Its root-paste is widely used as medicine to cure partial headache
27	Shendari	Mallotus philippensis	Euphorbiaceae	The plants has found application in pharmaceuticals as it is one of the common plants used in Indian system of medicine. Various parts of the plant are used in the treatment of skin problem, bronchitis, antifungal, tape worm, eye-disease, cancer, diabetes, diarrhea, jaundice, malaria, urinogenital infection etc.
28	Waval	Haloptelia integrifolia	Ulmaceae	The plant <i>Holoptelea integrifolia</i> is used traditionally for the treatment of inflammation, gastritis, dyspepsia, colic, intestinal worms, vomiting, wound healing, leprosy, diabetes, hemorrhoids, dysmenorrhea, and rheumatism
29	Shewaga	Moringa oleifera	Moringaceae	Moringa oleifera plays an important role in protecting the liver from damage, oxidation and toxicity due to the high concentrations of polyphenols in its leaves and flowers. Moringa oleifera oil can also restore liver enzymes to normal levels, reducing oxidative stress and increasing protein content in the liver.
30	Padal	Adhatoda zeylanica	Acanthaceae	The leaves, roots, flowers, and bark of this plant have been used in the treatments of cough, colds, asthma, to liquefy sputum, as a bronchodilator, bronchial catarrh, bronchitis, and tuberculosis. A number of parts of the plant are commonly used in the forms of decoctions or powders.
31	Kawath	Limonia acidissima	Rutiaceae	Medicinal ( The pulp and powdered rind of the fruit is applied as a poultice for insect bites and stings; the unripe fruit is used in the treatment of gum diseases, sore throat, coughs, dysentery and diarrhoea. The powdered fruit is mixed with honey and used to treat dysentery in children.)
32	Peru	Psidum guajava	Myrtaceae	Guava, <i>Psidium guajava</i> (Linn.), a member of Myrtaceae family, is a common tropical plant with a long history of traditional usage. It is used not only as food but also as folk medicine, and various parts of this plant have a number of medicinal properties ranging from antimicrobial activity to anticancer property.



33	Shivan	Gmelina arborea	Lamiaceae	The whole plant is used in medicine. It is astringent, bitter, digestive, cardiotonic, diuretic, laxative and pulmonary and nervine tonic. It improves digestion, memory, helps overcome giddiness and is useful in burning sensation, fever, thirst, emaciation, heart diseases, nervous disorders and piles.
34	Kumbha	Careya arborea	Lacythidaceae	Leaves are used in filaria, colic, loose motions and ulcers. Bark is used as an antipyretic, abortifacient, antipruritic and in smallpox, urinary discharges and rheumatic pain.
35	Medshingi	Dolichandrone falcata	Bignoniaceae	Dolichandrone falcata Seem., Bignoniaceae, is a deciduous tree commonly known as Medshingi in local areas of Toranmal region of Maharashtra, India. Its bark paste is applied on fractured or dislocated bones, used as a fish poison; bark juice is used in cases of menorragia and leucorrhoea.
36	Ramfal	Annona reticulata	Annonaceae	Used as source of medicine and also for industrial products. It possesses several medicinal properties such as anthelmintic, analgesic, anti-inflammatory, antipyretic, wound healing and cytotoxic effects.
37	Gunj	Abrus precatorius	Fabaceae	Abrus precatorius is traditionally used to treat tetanus, and to prevent rabies. The plant is used in some traditional medicine to treat scratches and sores and wounds caused by dogs, cats and mice, and are also used with other ingredients to treat leucoderma. The leaves of the herb are used to cure fever, cough and cold.
38	Neem	Azadirchata indica	Meliaceae	In the Indian subcontinent, neem leaves are used to treat dental and gastrointestinal disorders, malaria fevers, skin diseases, and as insects repellent, while the Balinese used neem leaves as a diuretic and for diabetes, headache, heartburn, and stimulating the appetite.
39	Lakuch	Artocarpus lacucha	Moaraceae	Artocarpus lakoocha Roxb., Moraceae, is a valuable tropical tree species native to India and used for fruit, furniture, timber, and feed. The lakoocha fruits are generally eaten fresh.
40	Bahada	Terminalia bellerica	Combretaceae	The fruit of <i>T. bellirica</i> has been consumed as food by several ethnic groups of Nepal. The fruits have laxative, astringent, anthelmintic and antipyretic properties and are used in Ayurveda against various disorders like hepatitis, bronchitis, asthma, dyspepsia, piles, diarrhea, coughs, eye diseases.
41	Hadaga	Sesbania grandiflora	Fabaceae	used to treat various types of ailments, such as bacterial infections, inflammation, fever, rheumatic swellings, ulcers, nasal catarrh, nyctalopia, cephalalgia, febrifuge, diarrhoea, gastralgia, dyspepsia, and to cure scabies
42	Din ka Raja	Cestrum diurnum	Solanaceae	Cestrum diurrum L. (Solanaceae), locally known as buno- Hasnahena, is widely used in different traditional medicinal practices to treat pain, burn, swelling and related disorders. Adequate evidence is not available to support its medicinal properties for further use and drug development.
43	Parijathak	Nyctanthes arbortristis	Oleaceae	Ethnopharmacological relevance: Nyctanthes arbor-tristis (Oleaceae) is a mythological plant; has high medicinal values in Ayurveda. The popular medicinal use of this plant are anti-helminthic and anti-pyretic besides its use as a laxative, in rheumatism, skin ailments and as a sedative
44	Vilayati chinch	Pithecellobium dulce	Fabaceae	used for their analgesic, anti-inflammatory, antibacterial, antidiarrheal, antiulcer, antioxidant, hypoglycemic, and hepatoprotective properties, in treating cardiovascular and gastrointestinal diseases
45	Sadaphuli	Catharanthus roseus	Apocynaceae	This simple-looking plant boasts significant medicinal properties. C. roseus has reportedly been used for centuries



				by traditional Chinese medicine, to treat a whole range of ailments from diabetes to depression. Recently, compounds have been discovered in this special plant that have cancer fighting properties.
46	Sal	Shorea robusta	Dipterocarpaceae	Shorea robusta has been traditionally used for various ailments. The leaves and bark are used to treat wounds, ulcers, leprosy, cough, gonorrhea, earache and headache. The bark is also used to treat diarrhoea, dysentery and vaginal discharges.
47	Nagkeshar	Mesua ferrea	Calophyllaceae	Mesua ferrea linn., commonly known as 'Nagchampa' or 'Nagkesar', is one such herbal plant having many potential therapeutic activities. It is used in diseases like rheumatism, asthma, inflammation, fever, dyspepsia, renal diseases, and dysentery, bleeding piles, a bacterial and fungal infection.
48	Jambhul	Syzygium cumini	Myrtaceae	The bark is acrid, sweet, digestive, astringent to the bowels, anthelmintic and used for the treatment of sore throat, bronchitis, asthma, thirst, biliousness, dysentery and ulcers. It is also a good blood purifier.
49	Amba / Aam	Mangifera indica	Anacardiaceae	Various parts of plant are used as a dentrifrice, antiseptic, astringent, diaphoretic, stomachic, vermifuge, tonic, laxative and diuretic and to treat diarrhea, dysentery, anaemia, asthma, bronchitis, cough, hypertension, insomnia, rheumatism, toothache, leucorrhoea, haemorrhage and piles.
50	Dhayati	Woodfordia fruticosa	Lythraceae	Woodfordia fruticosa is a popular medicinal plant useful in various ailments including bowel disorders. It has recently proved to be a rich storehouse of chemical constituents with promising anti-tumor and anti-inflammatory activities as revealed in modern biology-based studies.
51	Chirata	Swertia chirata	Gentianaceae	Swertia chirayita (Gentianaceae), a popular medicinal herb indigenous to the temperate Himalayas is used in traditional medicine to treat numerous ailments such as liver disorders, malaria, and diabetes and are reported to have a wide spectrum of pharmacological properties.
52	Kangini	Solanum nigrum	Solanaceae	Solamum nigrum is used in various traditional medical systems for antiproliferative, antiinflammatory, antiseizure and hepatoprotective activities.
53	Lalchitrak	Plambago indica	Plumbaginacae	Medicinal uses: The root is acrid, vesicant, abortifacient and a stimulant. Applied in bland oil, it is used externally or internally in rheumatism and paralytic afflictions. The root is powerful sialogogue and a remedy for secondary syphilis, leprosy and leucoderma.
54	Bach	Acorus calamus	Acoraceae	It is a traditional Indian medicinal herb, which is practiced to treat a wide range of health ailments, including neurological, gastrointestinal, respiratory, metabolic, kidney, and liver disorders.
55	Anjir	Ficus carica	Moraceae	Its fruit, root, and leaves are used in traditional medicine to treat various ailments such as gastrointestinal (colic, indigestion, loss of appetite, and diarrhea), respiratory (sore throats, coughs, and bronchial problems), and cardiovascular disorders and as anti-inflammatory and antispasmodic remedy
56	Bibba	Semecarpus anacardium	Anacardiaceae	Semecarpus anacardium is used for various medicinal properties. The fruit and nut extract shows various activities like antiatherogenic, antiinflammatory, antioxidant, antimicrobial, anti-reproductive, CNS stimulant, hypoglycemic, anticarcinogenic and hair growth promoter.
57	Gulab	Rosa centifolia	Rosaceae	Rosa centifolia L. (Rosaceae) have been used for the treatment of joint pain and rheumatoid arthritis (RA) in the traditional system of medicine.
58	Sagwan	Tectona grandis	Verbenaceae	It is used for outdoor furniture, parquet flooring, beams, ship building, cabinet work etc ) Cultural / Religious (

			- 886	Heritage Trees: There is currently one individual of Tectona grandis listed as a Heritage Tree in Singapore. It can be found at Singapore Botanic Gardens.
59	Cycus	Cycus circinnalis	Cycadaceae	Cycas circinalis seeds and young leaves are harvested for food and medicine. The mature leaves are harvested for local rituals and for the floriculture industry, and the stems (piths) and male cones are extracted for medicine.
60	Pine	Pinus roxburghii	Pinaceae	Pinus roxburghii Sarg. has many medicinal uses, the wood is aromatic, deodorant, haemostatic, stimulant, anthelmintic, digestive, liver tonic, diaphoretic, and diuretic.
61	Dingla 1	Crotalaria retusa	Fabaceae	Uses. Crotalaria retusa is grown as a fibre crop and as green manure. It is also used as a forage plant, but is poisonous to livestock.
62	Naral/ Coconut	Cocus mucifera	Araceae	Industry is using the husk fiber from the pith as raw material for carpets, car seat stuffing, and in agricultural as fertilizers. The hard core is used to make handcrafts. The stalk and leaves of the coconut tree are useful in construction, and sugar, vinegar, and alcohol can be extracted from the inflorescence
63	Rudraksha	Elaeocarpus sphaericus	Elaeocarpaceae	Elaeocarpus sphaericus fruits are used in Ayurveda for mental diseases, epilepsy, asthma, hypertension, arthritis and liver diseases.
64	Dikmali	Gardenia resinifera	Rubiaceae	External uses It is antimicrobial, wound healing and analgesic. It is useful in toothache and teething problems of children (robbing latex to the gums). And anthelmintic.
65	Gudmar	Gymnema sylvestre	Apocynaceae	Gymnema sylvestre is regarded as one of the plants with potent anti-diabetic properties. This plant is also used for controlling obesity in the form of Gymnema tea. The active compound of the plant is a group of acids termed as gymnemic acids.
66	Ratrani	Guettarda speciosa	Rubiaceae	Guettarda speciosa Linn. (G. speciosa, Rubiaceae) has been used as a traditional medicinal plant in Asia for the treatment of various inflammatory conditions, including cough, fever and maternal postpartum infection.
67	Gulwel	Tinospora cordifolia	Menispermaceae	Tinospora cordifolia has an importance in traditional ayurvedic medicine used for ages in the treatment of fever, jaundice, chronic diarrhea, cancer, dysentery, bone fracture, pain, asthuma, skin disease, poisonous insect, snake bite, eye disorders.
68	Karanj	Pongamia pinnata	Fabaceae	Pongamia pinnata has been applied as crude drug for the treatment of tumors, piles, skin diseases, and ulcers (Rout et al., 2009; Pavithra et al., 2010). The root is effective for treating gonorrhea, cleaning gums, teeth, and ulcers, and is used in vaginal and skin diseases
69	Jetropha /Mogli yerand	Jatropha curcas	Euphorbiaceae	Jatropha curcas is known for various medicinal uses. Its antimicrobial, anti-cancer and anti-HIV activity has been well recognized. Because of its broad-spectrum activity, we investigated aqueous and methanol leaf extracts for cytotoxicity and its potential to inhibit hemagglutinin protein of influenza virus.
70	Panphuti	Bryophyllum pinnatum	Crassulaceae	Bryophyllum pinnatum leaves showed preventive effect against renal calculi formation and validates its ethnomedicinal use in urinary disorders. It further supports its therapeutic potential for the treatment of urinary calculi.
71	Bija	Pterocarpus marsupium	Fabaceae	Heartwood of Vijaysar is antibiotic and hypoglycaemic, and is used to control blood sugar. Kino gum, obtained from incisions in bark, has astringent, anti-diarrhoeal, and anti-haemorrhagic properties. Leaves are used externally to treat boils, sores, and other skin diseases, while flowers are febrifuge.

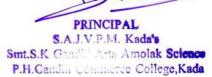


72	Mehandi / Heena	Lawsonia inermis	Lythraceae	Lawsonia inermis L. syn. Lawsonia alba L. family Lythraceae, with the common names, henna tree, Inai, hina, mignonette tree, Egyptian privet, is used as a dye for skin, hair, and fingernails, as well as fabrics—silk, wool, and leather
73	Payar	Ficus arnottiana	Moraceae	Leaves and twigs are lopped for fodder. Leaves and bark used in cutaneous affections.
74	Arjun	Terminalia arjuna	Combretaceae	It is used in the treatment of fractures, ulcers, hepatic and showed hypocholesterolemic, antibacterial, antimicrobial, antitumoral, antioxidant, antiallergic and antifeedant, antifertility and anti-HIV activities. <i>T. arjuna</i> is reported that to possess strong hydrolipidemic properties.
75	Shiris	Albizia lebbeck	Caesalpiniaceae	A. lebbeck has been used in various countries of Africa, Asia, and Australia for the prevention of scabies, lung ailments, piles, bronchitis, abdominal tumors, cough, eye disorders, and so on. It is recommended in several medicinal systems, for example, Ayurveda, Sidha, and Unani medicine
76	Ambada	Spondias pinnata	Anacardiaceae	In India, the bark of <i>S. pinnata</i> is used as a rubefacient for the treatment of painful joints. It is also used to treat diarrhoea and dysentery and to prevent vomiting. A decoction prepared from the root bark is used to regulate menstruation and to treat gonorrhoea
77	Kanchan	Bauhinia veriegata	Fabaceae	Bauhinia variegata Linn. (Leguminosae) bark is traditionally used as tonic and in treatment of ulcers. It is also useful in skin diseases. The roots are used as antidote to snake poison
78	Gela	Randia dumetorum	Rubiaceae	Randia dumetorum (Retz.) Lam.), belonging to the Rubiaceae family, is distributed in south Asian countries. It is used as a traditional medicine to treat gastrointestinal and hepatic problems and as an anti-inflammatory and antimicrobial agent.
79	Muchkund	Pterospermum acerifolium	Malvaceae	The flowers also provide a number of medicinal uses. An effective tonic can be prepared, as well as being used as a cure for inflammation, ulcers, blood problems, and even tumors. The reddish wood of the Bayur Tree can be used for planking. Because the wood is soft, it is not considered to be very strong.
80	Madhumalti	Hiptage benghalensis	Malpighiaceae	It is also occasionally cultivated for medicinal purposes in the alternative medicine practice ayurveda: the leaves and bark are hot, acrid, bitter, insecticidal, vulnerary and useful in the treatment of biliousness, cough, burning sensation, thirst and inflammation; it also has the ability to treat skin diseases
81	Shindhi	Phoenix sylvestris	Arecacae	The sap of the plant is a laxative and is nutritious and cooling whereas the central tender part of the plant is used in the treatment of gonorrhea. The root of the plant is useful to treat toothache, nervous debility and helminthiasis.
82	Ganer	Cochlospermum religiosum	Bixaceae	The plant is used as sedative, stimulant, and is used in gonorrhea, jaundice, cough, trachoma, syphilis etc. The young leaves are used for cooling, and for washing hairs. The gum obtained from the plant is useful in treating pharyngitis, dysentery, diarrhea, asthma, eye problems and stomachache.
83	Moha	Madhuca longifolia	Sapotaceae	Mahua preparations are used for removing intestinal worms, in respiratory infections and in cases of debility and emaciation. The astringent bark extract is used for dental-related problems, rheumatism, and diabetes. <i>Madhuca longifolia</i> flowers seasonally and produces green-fleshy fruits containing three to four seeds.
84	Limbara	Melia dubia	Meliaceae	Things like agricultural tools, pencils, cigar boxes, ceiling planks, building materials, and packaging cases can be prepared from the wood of a 4-6 years old Melia Dubia tree. Boats, Catamarans, and light-weight furniture are made out of 10-year-old Melia Dubia wood.



85	Khadsingi	Radermachera xylocarpa	Bignoniaceae	Plant—antiseptic. Resin—used for the treatment of skin diseases. Root bark—bitter, astringent; used as substitute for Stereospermumpersonatum
86	Jangli badam	Sterculia foetida	Malvaceae	Leaves of S. foetida are used as laxative, diuretic, anti- epileptic and insect repellent. Its seed oil is used externally to treat itches and other skin diseases; however, mixing the boiled seeds with wood decoction was found to be effective for the alleviation of rheumatism.
87	Ranbhindi	Thespesia populnea	Malvaceae	It is a large tree found in the tropical regions and coastal forests of India. Various parts of <i>T. populnea</i> are found to possess useful medicinal properties, such as antifertility, antibacterial, anti-inflammatory, antioxidant, purgative and hepatoprotective activity.
88	Parjambhul	Olea dioica	Oleaceae	Olea dioica Roxb. an important medicinal tree plants used by local siddha tribes, belongs to the family Oleaceae. The parts such as leaves, bark, root, and fruits used in the traditional medicine to cure skin diseases, rheumatism, fever, and cancer.
89	Rohitak	Amoora rohituka	Rubiaceae	A. rohituka is well known one of important Indian medicinal plant which is commonly used in disorders of blood, diseases of eye, helminthiasis disease, ulcer or wound, liver disorders, splenomegaly, internal tumours, leucorrhoea and urinary disorders
90	Amla / Awala	Phyllanthus emblica	Ephorbiaceae	It is commonly known as Indian gooseberry or amla, family Euphorbiaceae, is an important herbal drug used in unani (Graceo - arab) and ayurvedic systems of medicine. The plant is used both as a medicine and as a tonic to build up lost vitality and vigor.
91	Jaswand	Hibiscus rosa-sinensis	Malvaceae	The <i>Hibiscus rosa-sinensis</i> flower is widely used in Brazilian traditional medicine for the treatment of diabetes and has shown antifertility activity in female Wistar rats. However, there is no scientific confirmation of its effect on diabetes and pregnancy.
92	Lajri	Biophytum sensitivum	Oxalidaceae	Biophytum sensitivum DC (Oxalidaceae) is used as a traditional folk medicine in ailments such as inflammation, arthritis, wounds, tumors and burns, gonorrhea, stomach ache, asthma, cough, degenerative joint disease, urinary calculi, diabetes, snake bite, amenorrhea and dysmenorrhea.
93	Karmal	Averrhoa carambola	Oxalidaceae	Uses. Averrhoa carambola is best known as the star fruit, as it is best known for the star-like shape it has when cut. In addition to being eaten, the fruit is used in traditional Asian medicine to treat chickenpox, intestinal parasites, headaches, and other illnesses.
94	Priyangu	Callicarpa macrophylla	Lamiaceae	Callicarpa macrophylla, commonly known as Priyangu is a useful medicinal plant for the treatment of various disorders like tumour, polydipsia, diarrhoea, dysentery, diabetes, fever, etc. In Ayurvedic system of medicine, the plant is also known as Phalawati and used for obstetric conditions.
95	Bel	Aegle marmelos	Rutaceae	Extensive experimental and clinical studies prove that Aegle marmelos possesses antidiarrhoeal, antimicrobial, antiviral, radioprotective, anticancer, chemopreventive, antipyretic, ulcer healing, antigenotoxic, diuretic, antifertility and anti-inflammatory properties, which help it to play role in prevention
96	Pimpal	Ficus religiosa	Moraceae	Ficus religiosa (L.), commonly known as pepal belonging to the family Moraceae, is used traditionally as antiulcer, antibacterial, antidiabetic, in the treatment of gonorrhea and skin diseases.
97	Sitaashok	Saraca indica	Fabaceae	Various medicinal uses of Saraca indica had been reported in Charaka Samhita (100 A.D.) Different parts of the plant exhibit a number pharmacological effects like antihyperglycemic, antipyretic, antibacterial,

				anthelmintic, activity
98	Bakul	Mimusops elengi	sapotaceae	M. elengi is well documented for several medicinal properties like antinociceptive, diuretic effects, gastroprotective, antibacterial, antifungal, anticariogenic, free radical scavenging, antihyperglycemic etc. And due to this since several decades it is being focused for its chemical composition.
99	Madhunashini	Gymnema sylvestre	Apocynaceae	Gymnema sylvestre is regarded as one of the plants with potent anti-diabetic properties. This plant is also used for controlling obesity in the form of Gymnema tea. The active compound of the plant is a group of acids termed as gymnemic acids.
100	Wavding	Embelia ribes	Primlaceae	Embelia ribes (common name, Vidanga) is extensively used in traditional system of medicine for treatment of various disorders. It is described in Ayurveda, as a powerful anthelmintic, antifertility and antihyperlipidemic agent.
101	Kuchla	Strychnos nuxvomia	Loganiaceae	Strychnos nux-vomica is an evergreen tree native to Southeast Asia and its dried seeds are used for the treatment of neurodisorders, arthritis and vomiting. The different use of this plant as herbal remedy in Chinese medicine is also reported in the literature.
102	Shankeshar	Xanthium strumarium	Asteriaceae	X. strumarium, as a traditional herbal medicine, has been extensively applied to treat many diseases, such as rhinitis, nasal sinusitis, headache, gastric ulcer, urticaria, rheumatism bacterial, fungal infections and arthritis.
103	Kamal	Nelumbo nucifera	Nulumbonaceae	The whole plant is used as an herbal medicine to cure diarrhea, insomnia, fever, body heat imbalance and gastritis. In Korea, India and China, it is also used as a hemostatic
104	Morwel	Clematis gouriana	Ranunculaceae	gouriana is recognised as a medicinal herb in traditional medicine and amongst tribal communities. It has been investigated for its medicinal properties. The bruised leaves and stem act as a vesicant and are poisonous. In Ayurveda, the leaves of the plant have been used for treating puerperal fever and bruises.
105	Idlimbu	Citrus karna	Rutiaceae	Anti-cancer. Citrus fruits are high in secondary metabolites, including flavonoids, limonoids, and coumarins, which are associated with a reduced risk of cancer, including gastric cancer, breast cancer, lung tumorigenesis, colonic tumorigenesis, hepatocarcinogenesis, and hematopoietic malignancies, etc.
106	Hing	Ferula foetida	Apiaceae	It is used widely all over the world as a flavoring spice in a variety of foods. Traditionally it is used for the treatment of various diseases, such as asthma, epilepsy, stomach-ache, flatulence, intestinal parasites, weak digestion and influenza.
107	Pudina	Mentha piperita	Lamiaceae	It also has a variety of therapeutic properties and is used in aromatherapy, bath preparations, mouthwashes, toothpastes, and topical preparations. Topical preparations of peppermint oil have been used to calm pruritus and relieve irritation and inflammation.
108	Shami	Prosopis cineraina	Fabaceae	Prosopis cineraria (L.) Druce (Leguminosae) locally known as ghaf, jand, jandi, and khejri, is a multipurpose indigenous tree growing wild in dry and arid regions of Pakistan. It is used by native healers to manage multiple ailments including gastrointestinal, respiratory, and cardiovascular disorders.
109	Samudrashok	Argyreia speciosa	Convolvulaceae	This plant is pharmacologically studied for nootropic, aphrodisiac, immunomodulatory, hepatoprotective, antioxidant, antiinflammatory, antihyperglycemic, antidiarrheal, antimicrobial, antiviral, nematicidal,



				antiulcer, anticonvulsant, analgesic and central nervous
	7.8			depressant activities.
110	Haldikunku	Asclepias curassavica	Apocynaceae	curassavica has been used to treat pneumonia, pyoderma, and inflammation of the spleen. Native Americans, in the 1880's, used this plant as a contraceptive and snakebite remedy. The Ayurvedic healing system of India also uses this plant for its purgative effects to help stomach tumors, stomach parasites, and gonorrhea.
111	Supari	Areka catechu	Arecaceae	Ethnopharmacological relevance: Areca catechu L. (Arecaceae), widely distributed in South and Southeast Asia, is a popular traditional herbal medicine that can be chewed for the purpose of dispersing accumulated fluid in the abdominal cavity and killing worms.
112	Kandwel	Cissus quadrangularis	Vitaceae	Cissus quadrangularis is used for diabetes, obesity, high cholesterol, bone fractures, allergies, cancer, stomach upset, painful menstrual periods, asthma, malaria, wound healing, peptic ulcer disease, weak bones, weak bones (osteoporosis) and as body building supplements as an alternative to anabolic steroids.
113	Chandan	Santalum album	Santalaceae	Sandalwood has antipyretic, antiseptic, antiscabetic, and diuretic properties. It is also effective in treatment of bronchitis, cystitis, dysuria, and diseases of the urinary tract. The main ingredient of sandalwood oil is $\alpha$ -santalol that has many therapeutic properties.
114	Khajur	Phoenix dactylifera	Arecaceae	It is reported for various pharmacological activities like analgesic, anti-inflammatory, hepatoprotective, anticancer, antioxidant and many more. Their high nutritional value and their therapeutic effects have increased their use, encourage by the growing consumer concern for health.
115	Mohagani	Khaya grandis	Meliaceae	The bark and seeds of <i>Khaya grandifoliola</i> are the most common parts used for treatment and are extracted by infusion or decoction. The extracts have proven to fight against the <i>P. falciparum</i> parasite, one of the vectors of malaria in humans.
116	Kunda	Jasminum arborescens	Oleaceae	Traditionally Jasminum sambac has been used to treat dysmenorrhoea, amenorrhoea, ringworm, leprosy, skin diseases and also as an analgesic, antidepressant, anti- inflammatory, antiseptic, aphrodisiac, sedative, expectorant.
117	Chinch	Tamarindus indica	Fabaceae	In traditional medicine, it is used in wound healing, abdominal pain, diarrhea, dysentery, parasitic infestation, fever, malaria and respiratory problems. It is also commonly used in tropical countries because of its laxative and aphrodisiac properties
118	Yerand	Ricinus communis	Euphorbiaceae	communis have been widely used in traditional medicine such as abdominal disorders, arthritis, backache, muscle aches, bilharziasis, chronic backache and sciatica, chronic headache, constipation, expulsion of placenta, gallbladder pain, period pain, menstrual cramps, rheumatism, sleeplessness, and insomnia.
119	Kamini	Murraya paniculata	Rutaceae	Murraya paniculata is traditionally used for management of gut, air way and cardiovascular disorders. The study was conducted for provision of pharmacological rationalization for folkloric uses of Murraya paniculata in gut, air way and cardiovascular problems.
120	Bhokar	Cordia dichotoma	Boraginaceae	Cordia dichotoma G. Forst. is an important medicinal plant of family Boraginaceae. Traditionally, its leaves are used to treat fever, headache, and joint pain but its medicinal activities have not been proven by research.
121	Limbu	Citrus aurantifolia	Rutaceae	It is widely used because of its antibacterial, anticancer, antidiabetic, antifungal, anti-hypertensive, anti-

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			ri r z	inflammation, anti-lipidemia, and antioxidant properties; moreover, it can protect heart, liver, bone, and prevent urinary diseases.
122	Sawar	Bombax cieba	Malvaceae	Bombax ceiba bark exudates are also taken orally to treat worms and diarrhea. The native people of Mizoram state of India use decoction of the leaves of Bombax ceiba and the bark of Mangifera indica was taken 2 – 3 times daily orally to treat diarrhoea
123	Salai	Aporosa lindleyana	Euphorbiaceae	Aporosa lindleyana root is used in jaundice, insanity, fever, seminal loss, excessive thirst and several other properties in the folklore in India. Hypoglycemic, diuretic and hypothermic activities of the plant are reported
124	Tetu	Oroxylum indicum	Bignoniaceae	used for centuries as a traditional medicine in Asia in ethnomedicinal systems for the prevention and treatment of several diseases, such as jaundice, arthritic and rheumatic problems, gastric ulcers, tumors, respiratory diseases, diabetes, and diarrhea and dysentery,
125	Dalimb	Punica granatum	Lythraceae	Accumulating data clearly claimed that <i>Punica granatum</i> L. (pomegranate) has several health benefits. Pomegranates can help prevent or treat various disease risk factors including high blood pressure, high cholesterol, oxidative stress, hyperglycemia, and inflammatory activities.
126	Tamhan	Lagerstroemia reginae	Lythraceae	Medicinal uses: Leaves are used in the Philippines as a folk medicine for the treatment of diabetes and kidney diseases. The fruit are used India to cure mouth ulcers. The roots are also considered astringent and the seeds narcotic.
127	Katesawar	Bombax ceiba	Malvaceae	Bombax ceiba bark exudates are also taken orally to treat worms and diarrhoea (Ghimire and Bastakoti, 2009). The native people of Mizoram state of India use decoction of the leaves of Bombax ceiba and the bark of Mangifera indica was taken 2 – 3 times daily orally to treat diarrhoea
128	Koushi	Sterculia colorata	Malvaceae	It is a deciduous tree growing up to 15 metres tall. The tree is harvested from the wild for a fibre, which is used locally. Medicinal use Bark decoction is used to treat urine infection and stomach pain.
129	Satvin	Alstonia scholaris	Apocynaceae	In India, the therapeutic use of <i>Alstonia scholaris</i> has been described in both codified and non-codified drug systems for the treatment of malaria, jaundice, gastrointestinal troubles, cancer and in many other ailments.
130	Undi	Callophyllum inophyllum	Calophyllaceae	Uses. Calophyllum inophyllum is often planted as a roadside tree to provide shade and as wind breaks with its large canopy. Informally known as mastwood, the tree has long been used in shipbuilding, such as for the construction of canoes and small boats, but also for masts, keels, knees and pulley blocks.
131	Toran	Ziziphus rugosa	Rhamnaceae	Ziziphus rugosa is one of the wild plant belongs to the family Rhamnaceae. This plant is traditionally used for the treatment of Diarrhoea, Menorrhagia, Ulcer, Skin disease, Cough, Hypotension.
132	Lalwel	Holmskioldia sanguinea	Lamiaceae	It contains only one known species, <i>Holmskioldia</i> sanguinea, commonly called the Chinese hat plant, cupand-saucer-plant or mandarin's hat.
133	Putranjiba	Putranjiva roxburghii	Putranjivaceae	Putranjivah ( <i>Putranjiva roxburghii</i> Wall, family - Putranjivaceae) is an Indian native medicinal plant used to treat many diseases such as treatment of mouth and stomach ulcers, hot swellings, smallpox, burning sensation and ophthalmopathy
134	Shevari	Sesbania sesban	Fabaceae	This plant belongs to the family Fabaceae(Leguminosae).  This plant is mainly distributed in Africa, Asia and Australia. Traditionally this plant is used in menorrhagia, spleen enlargement, diarrhea and asanthelmintic, astringent,

				emmenagogue, anti-inflammatory and dysuria.
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135	Pangara	Erythrina variegata	Fabaceae	Different parts of the plant have been used in traditional medicine as nervine sedative, collyrium in opthalmia, antiasthmatic, antiepileptic, antiseptic, and as an astringent. The alkaloids extracted from the leaves of <i>E. variegata</i> are reported to have anti-inflammatory and analgesic activity.
136	Shankasur	Caesalpinia pulcherrima	Fabaceae	Plants belonging to the family Leguminoceae have wide folklore medicinal uses. Caesalpinia pulcherrima Swartz vernacularly known as Guletura is widely distributed in India and its leaves, flower, bark, and seeds are used in Indian medicine. The plant is considered as a tonic, stimulant, and emmenagogue
137	Shisham	Dalbergia sissoo	Fabaceae	Dalbergia sissoo DC. (Family: Fabaceae) is a medium to large deciduous tree, is locally called -shishull in Bangladesh. It is used to treat sore throats, dysentery, syphilis, bronchitis, inflammations, infections, hernia, skin diseases, and gonorrhea.
138	Cheri	Muntingia calabura	Muntingiaceae	The flowers are used as an antiseptic and to treat abdominal cramps and spasms. It is also taken to relieve headaches and colds. <i>Muntingia calabura</i> fruits possess antioxidant property. However, their anti-inflammatory activity has not been investigated so far.
139	Newar	Barringtonia acutangula	Lecythidaceae	Barringtonia acutangula Linn is a plant traditionally used for the cure and treatment of many ailments like diarrhoea, anthelmintic, hemolytic disease (various diseases of blood), abdominal colic, lumbar pain, syphilis, blennorrhoea, febrifuge, malarial and diabetes.
140	Pan/ Nagwel	Piper betel	Piperaceae	Since antiquity, <i>Piper betel</i> . Linn, commonly known as betel vine, has been used as a religious, recreational and medicinal plant in Southeast Asia. The leaves, which are the most commonly used plant part, are pungent with aromatic flavor and are widely consumed as a mouth freshener.
141	Phanas	Artocarpus heterophyllus	Moraceae	Jackfruit (Artocarpus heterophyllus Lam) is a rich source of several high-value compounds with potential beneficial physiological activities. It is well known for its antibacterial, antifungal, antidiabetic, anti-inflammatory, and antioxidant activities
142	Babul	Acacia nilotica	Mimosaceae	In traditional medicine, Acacia Nilotica is widely used. This plant has anti-microbial, anti-plasmodial and antioxidant activity and used for treatment of human immunodeficiency virus, hepatitis C virus and cancer. It is useful for treatment of venereal diseases, nausea, burns and wounds, stomachache and diarrhea.
143	Palas	Butea monosperma	Fabaceae	Uses – Alleviates Diabetes Symptoms, Treats Hypertension, Detoxifies The Kidneys, Enhances Digestive System, Strengthens Respiratory Processes, Naturally Moisturizes Skin, Combats Skin Infections and Promotes Hair Growth.
144	Nandruk	Ficus microcarpa	Moraceae	The different Ficus species are utilized extensively in Indian traditional medicinal systems. Among these species <i>F. microcarpa</i> having credentials in treatment of diabetes, ulcers, burning sensations, hemorrhages, leprosy, itching, liver disease, and toothache.
145	Chapha	Magnolia champaca	Magnoliaceae	Used to treat diarrhea, cough, bronchitis, hypertension, dyspepsia, fever, rheumatism, abscesses, dysmenorrhea and inflammation. It is also used as purgative, expectorant, cardiotonic, digestive, carminative, stomachic, stimulant, diuretic, diaphoretic, antipyretic and astringent.
146	Ashwagandha	Withania somnifera	Solanaceae	The overall medicinal properties of Withania somnifera

			29.	make it a viable therapeutic agent for addressing anxiety, cancer, microbial infection, immunomodulation, and neurodegenerative disorders.
147	Bhuineem	Andrographis paniculata	Acanthaceae	Andrographis paniculata is one of the highly used potential medicinal plants in the world. This plant is traditionally used for the treatment of common cold, diarrhoea, fever due to several infective cause, jaundice, as a health tonic for the liver and cardiovascular health, and as an antioxidant.
148	Maka	Eclipta alba	Asteraceae	Traditional medicinal systems of the Indian subcontinent countries as well as tribal practitioners consider the plant to have diverse medicinal values and use it commonly for treatment of gastrointestinal disorders, respiratory tract disorders (including asthma), fever, hair loss and graying of hair, liver disorders
149	Anantmul	Hemidesmus indicus	Apocynaceae	The root of <i>Hemidesmus indicus</i> R. Br., commonly known as Indian Sarsaparilla, is used traditionally to treat a wide variety of illnesses including rheumatism, leprosy, impotence, and urinary tract and skin infections.
150	Bramhi	Centella asiatica	Apiaceae	Gotu kola (Centella asiatica) has been used to treat many conditions for thousands of years in India, China, and Indonesia. It was used to heal wounds, improve mental clarity, and treat skin conditions such as leprosy and psoriasis.
151	Dhorgunj	Abrus precatorius	Fabaceae	precatorius is traditionally used to treat tetanus, and to prevent rabies. The plant is used in some traditional medicine to treat scratches and sores and wounds caused by dogs, cats and mice, and are also used with other ingredients to treat leucoderma. The leaves of the herb are used to cure fever, cough and cold.
152	Sagargota	Caesalpinia bonduc	Caesalpinaceae	Used in India for many years to treat fever, inflammation, diabetes, cardiovascular disorder, cancer and also for birth control. In recent years, the seeds of this plant are consumed to regulate the menstrual disorders in PCOS.
153	Shikakai	Acacia simuata	Leguminosaceae	Acacia sinuata is a perennial, woody, large climbing shrub which grows on big trees. Plant pacifies vitiated pitta, skin disease, burning sensation, constipation, calculi, hemorrhoids, vitilligo and eczema. It is widely used in treatment of fevers especially that of malaria fever.
154	Hadmodi	Viscum nepalense	Viscaceae	Viscum articulatum leaves and stem are used for the treatment of haemorrhage, pleurisy, gout, heart disease, arthritis and hypertension in Chinese medicine system.
155	Keli	Musa paradisiaca	Musaceae	The flower of this plant is used to treat ulcers, dysentery, and bronchitis and cooked flowers are good food for diabetics. The astringent ashes of the unripe banana peel and leaves are used in the treatment of dysentery and diarrhea and also for the treatment of malignant ulcers.
156	Thuja	Thuja	Cupressaceae	In folk medicine, Thuja has been used to treat bronchial catarrh, enuresis, cystitis, psoriasis, uterine carcinomas, amenorrhea and rheumatism. Today, it is mainly used in homeopathy as mother tincture or dilution
157	Aapmari	Gymnema sylvestre	Apocynaceae	Gymnema sylvestre is regarded as one of the plants with potent anti-diabetic properties. This plant is also used for controlling obesity in the form of Gymnema tea. The active compound of the plant is a group of acids termed as gymnemic acids.
158	Kardal	Canna indica	Cannaceae	Canna can be used to treat menstrual pains. The root can be used to treat gonorrhea and amenorrhoea. In Nigeria, people turn the root into a powder and ingest it to treat diarrhea and dysentery. They also use the flowers as a medicine for malaria.

159	Jai/chemali	Jasminum officinale	Oleaceae	Jasmine has been used for liver disease (hepatitis), pain due to liver scarring (cirrhosis), and abdominal pain due to severe diarrhea (dysentery). It is also used to prevent stroke, to cause relaxation (as a sedative), to heighten sexual desire (as an aphrodisiac), and in cancer treatment.
160	Bamboo	Bambusa bambos	Poaceae	They are extensively used in many applications, mainly for making bridges and for ladders. Leaves are used for thatching.
161	Korped	Aloe vera	Liliaceae	Traditionally, this medicinal plant has been employed to treat skin problems (burns, wounds, and anti-inflammatory processes). Moreover, Aloe vera has shown other therapeutic properties including anticancer, antioxidant, antidiabetic, and antihyperlipidemic.
162	Maharukh	Ailanthus altissima	Simaroubaceae	Ailanthus altissima is a member of Simaroubaceae family and is wildly used in traditional medicines and homeopathy for the treatment of various disorders including gastrointestinal, respiratory, cardiovascular, neurological, and peripheral disorders.
163	Vidhara	Argyreia nervosa	Convolvlaceae	This plant is pharmacologically studied for nootropic, aphrodisiac, immunomodulatory, hepatoprotective, antioxidant, antiinflammatory, antihyperglycemic, antidiarrheal, antimicrobial, antiviral, nematicidal, antiulcer, anticonvulsant, analgesic and central nervous depressant activities.
164	Kanher	Nerium indicum	Apocynaceae	It is an efficient useful treatment in conditions like snake bites, ulcers, cardiac diseases, asthma, renal and vesicle calculi, chronic stomach diseases, skin related problems, joint pains, leprosy, cancer, etc. It can act as abortifacient: causing abortion.
165	Charoli	Buchanania lanzan	Anacardiaceae	The seeds are used as expectorant and tonic. The oil extracted from kernels is applied on skin diseases and also used to remove spots and blemishes from the face. The juice of the leaves is digestive, expectorant, aphrodisiac, and purgative. The gum after mixing with goat milk is used as an analgesic.
166	Sitaphal	Annona squamosa	Annonaceae	Annona squamosa seed powder is utilised to abolish lice, leaf extract is used to pacify boils and treat ulcers, and the fruit acts as a sedative in cases involving heart ailments and can be used to alleviate vomiting and treat tumours
167	Umber	Ficus racemosa	Moraceae	Ficus racemosa Linn. (Moraceae) is a popular medicinal plant in India, which has long been used in Ayurveda, the ancient system of Indian medicine, for various diseases/disorders including diabetes, liver disorders, diarrhea, inflammatory conditions, hemorrhoids, respiratory, and urinary diseases.
168	Karwand	Carissa congesta	Apocynaceae	Its fruit is used in the ancient Indian herbal system of medicine, Ayurvedic, to treat acidity, indigestion, fresh and infected wounds, skin diseases, urinary disorders and diabetic ulcer, as well as biliousness, stomach pain, constipation, anemia, skin conditions, anorexia and insanity.
169	Ritha	Sapindus emarginatus	Sapindaceae	Tradionally the plant Sapindus emarginatus is used in various ailments like as emetic, blood purifier, antipruritic, paralysis of limbs, as hair tonic, expectorant and anti-inflammatory agent.
170	Tuti	Morus alba	Moraceae	Popularly, fruits, roots, and leaves of <i>Morus alba</i> are used for the treatment of dizziness, insomnia, premature aging

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			**- ,# 51	
171	Gokarna	Clitoria ternatea	Fabaceae	Clitoria ternatea L. (CT) (Family: Fabaceae) commonly known as 'Butterfly pea', a traditional Ayurvedic medicine, has been used for centuries as a memory enhancer, nootropic, antistress, anxiolytic, antidepressant, anticonvulsant, tranquilizing and sedative agent.





## Amolak Deorai









# Plantation-Dripper









#### **QR CODE TAGGING OF PLANTS**



























































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# Solid waste management & liquid waste management is collected by Gram Panchayat Kada





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Solid waste management & liquid waste management





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#### Soil Health Card



श्री अमोलक जैन विद्या प्रसारक मंडळ कडा, संचलित

श्रीमती शांताबाई कांतीलाल गांधी कला,अमोलक विज्ञान व पनालाल हिरालाल गांधी वाणिज्य महाविद्यालय कडा ता.आष्टी.जि.बीड





गांव : सांगवी पाटण ता.आष्टी जि.बीड

गावातील प्रमुख अन्नद्रव्यांचा सुपिकता निर्देशांक ধ 🕟 नत्र :- अत्यंत कमी (०.६४)

• स्फुरदः - मध्यम (१.३२) • पालाशः - मध्यम (२.१४)



			सुपिकता निर्देशांकानुसार रासायनिक खत मात्रा							
	0 "		पिक	साठी कि.ग्रॅ.हे.फळपिकांस	ाठी ग्रॅम./झाड	पिकांसार	पिकांसाठी कि.ग्रॅ.एकरी फळपिकांसाठी ग्रॅम./झाड			
अ.क्र.	पिकांचे नाव	खताची मात्रा देण्याची वेळ	युरीया	सिंगल सुपर फॉस्फेट	म्युरेट ऑफ पोटॅश	युरिया	सिंगल सुपर फॉस्फेट	म्युरेट ऑफ पोटॅश		
		लागवडीच्या वेळी	903.94	364.00	900.20	80.85	949.62	80.48		
9	पिकांचे नाव	लागवडीनंतर ३० दिवसांनी	930.88	0.00	0.00	42.22	0.00	0.00		
		लागवडीनंतर ६० दिवसांनी	930.86	0,00	0,00	42.62	0,00	0,00		
2	सोयाबीन	पेरणीचे वेळी	906.82	384.00	40.90	88.09	949.62	20.26		
3	मुग	पेरणीचे वेळी	90.50	392.40	89.64	34.46	926.42	98.90		
8	उडीद	पेरणीचे वेळी	90.50	392.40	0,00	38.86	9२६.५२	0,00		
		पेरणीचे वेळी	906.83	9८७.५०	40.90	88.09	७५.१९	20.26		
4	बाजरी	पेरणीनंतर ३० दिवसांनी	906.82	0,00	0,00	88.09	0.00	0,00		
Ę	तुर	पेरणीचे वेळी	95.86	392.40	0,00	29.38	9२६.५२	0.00		
B	रब्बी ज्वारी	पेरणीचे वेळी	988.98	924.00	33.80	42.59	40.59	93.42		
6	हरभरा	पेरणीचे वेळी	90,50	392.40	89.64	38.36	१२६.५२	98,90		
	Parks 1	पेरणीये येळी	969.20	392.40	<b>63.40</b>	63.35	9२६.५२	33.69		
4	गह	पेरणीनंतर २९ दिवसांनी	949.30	0,00	0,00	₩3.3€	0,00	0,00		

जमिनीमध्ये कमतस्ता आढळतेते सूक्ष्म मूलद्रव्ये व वापसवयाची सूक्ष्म मुलद्रव्ययुवत स्वते.

37,35,	क्यातरता असलेल्यानुस्य मृतद्ववाचे नाव	वायरवयाची सुक्ष्य पुत्रद्रव्यपुश्त सते	हेक्टची प्रमाण किसी	एकरी प्रभाव किसी
3	files	ਸਿੱਲ ਚਲੇਵ	२० ते २५ किलो	८ ते १० किसी
2	1000	र्गधङ	२० ते २५ किस्ते	८ से १० किसी
3	संद	चेता साचेट	२० वे २५ विश्वे	८ से १० विस्तो
¥	केर्टन	बोरॉक्स	५ ते ५० किसी	२ ते ४ विसो

टिपः पिकांचे अधिक जल्पादन वाढविण्यासाठी तसेच जमिनीची सुपिकता वाढविण्यासाठी रासायनिक खते, मात्रेबरोबर पेरणीच्या वेळी शेणखत/कंपोस्ट खत/मांडुळ खत

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S.A.J.V.P.M. Kada's Smt.S.K. Gandhi A.ts Amolak Science P.H.Gandhi Commerce College, Kada



#### Faculty training programme for soil survey & land use planning



#### NATIONAL BUREAU OF SOIL SURVEY & LAND USE PLANNING



(Indian Council of Agricultural Research)
Regional Centre, University Campus, Udaipur-313 001

#### CERTIFICATE

This is to certify that <u>Sh. Udhav Eknath Chavan, Asstt. Professor</u>, <u>Deptt. Of Geography, Sh. AJVPM's Gandhi College Kada, Tq. Ashti, Dist. Beed</u> has successfully completed NNRMS (ISRO) sponsored 21 days training programme on "Remote Sensing and GIS Applications in Natural Resource Management" held at National Bureau of Soil Survey and Land Use Planning (ICAR), Regional Centre, Udaipur-313 001 from 10<sup>th</sup> to 30<sup>th</sup> September 2013.

(Dr. R.S. Singh)
Pr. Scientist & Regional Coordinator
NBSS & LUP, RC, Udaipur

(Dr. Dipak Sarkar)

Director & National Coordinator

NBSS & LUP, Nagpur

PRINCIPAL S.A.J.V.P.M. Kada's

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







		मृद आरोग्य प	The state of the s				
		शेतकरी तपश	गील				
जिल्हा		Beed	Beed				
तालुका		Ashti	(n = 10)	Win Edition is			
गाव		Kerul					
शेतकरी -	सव	Sindhu Pandh	arinath Mo	re			
वडिलांचे	पतीचे नाव	Pandharinath	apar Str				
नमुना संव	कलन तारीख			02-09-2017			
सर्वेक्षण ह	मांक, खसरा ऋ./डाग ऋ.		254,-				
शेताचा प्र	कार			वागायत			
		माती चाचणी प	रिणाम				
अनु.ऋ.	परिमाण	वाचन		एकक	वर्गवारी		
1	साम्	7.34					
2	क्षारता	0.2	डीएस	/एम			
3	सेंद्रिय कर्व	0.13	%		कमी		
4	उपलब्ध नत्र	86.55	कि.यॅ/	हे.	कमी		
5	उपलब्ध स्फुरद	9.59	कि.यँ/	हे.	कमी.		
6	उपलब्ध पालाश	436.52	कि.यँ/	₹.	खूप जास्त		
7	उपलब्ध गंधक (S)	23.37	पीपीए	म	पुरेसा		
8	उपलब्ध जस्त (Zn)	0.8	पीपीए				
9	उपलब्ध बोरॉन(B)	2.63	पीपीए		पुरेसा		
10	उपलब्ध लोह (Fe)	8.34	पीपीए		पुरेसा		
11	उपलब्ध मँगनीज(Mn)	7.84	पीपीए		पुरेसा		
12	उपलब्ध तांबे (Cu)	0.22	पीपीएम		पुरेसा		

		कृपया पर्याय १ किंवा पर्याय २ वापरा, दोन्ही पर्याय १	1414411	4.44.	
अनु.ऋ.	पीक वाण	सते संयोजन-१ (कि.ग्रॅ/हे.)		संद्रीय खते आणि प्रमाण	जैव खते आणि प्रमाण
		नीम कोटेड युरिया	435 kg/ha		
1	कापूस	सिंगल सुपर फॉस्फेट	500 kg/ha	श्रण खत q/a	
		पोटॅशियम क्लोराईड (म्युरेट ऑफ पोटॅश-दाणेदार)	67 kg/ha	4/4	







			आरोग्य पा				
		शे	तकरी तपर्श	ोल			
जिल्हा		1	Beed				
तालुका		1	Ashti				
गाव		1	Watanwad	i			
शेतकरी न	गव क	I	Rahul Ram	Gore			
वडिलांचे/	पतीचे नाव	I	Ram				
नमुना संव	कलन तारीख				20-08-201	7	
सर्वेक्षण त्र	nमांक, खसरा क्र./डाग क.				46,-		
शेताचा प्र	कार				बागायत		
		माती	चाचणी पा	रेणाम			
अनु.ऋ.	परिमाण		वाचन		एकक	वर्गवारी	
1	साम्	7.67			MINISTER IN		
2	क्षारता	0.39		डीएस/ए	म		
3	सेंद्रिय कर्व	0.45	D. DE	%		कमी	
4	उपलब्ध नत्र	148.92		कि.गॅ/हे.		कमी	
5	उपलब्ध स्फुरद	11.0		कि.यॅ/हे.		मध्यम	
6	उपलब्ध पालाश	683.2		कि.यॅ/हे.		खूप जास्त	
7	उपलब्ध गंधक (S)	22.0		पीपीएम		पुरेसा	
8	उपलब्ध जस्त (Zn)	0.96		पीपीएम			
9	उपलब्ध बोरॉन(B)	3.31		पीपीएम		पुरेसा	
10	उपलब्ध लोह (Fe)	13.86		पीपीएम		पुरेसा	
11	उपलब्ध मँगनीज(Mn)	12.2		पीपीएम		पुरेसा	
12	उपलब्ध तांबे (Cu)		0.29 पीपीए		NO DEREN	पुरेसा	

		पर्याय १	पर्याय वापरू नका.
अनु.का.	पीक वाण	खते संयोजन-१ (कि.ग्रॅ/हे.)	सेंद्रीय खते आणि प्रमाण जैव खते आणि प्रमाण
		नीम कोटेड युग्या 348 kg/ha	
1	कापूस	सिंगल सुपर फॉस्फेट 375 kg/ha	श्रंण खत g/a
		Muriate of Potash 33 kg/ha	4/4







		मृद आरोग्य प			
		शेतकरी तपः	शाल	District Control	
जिल्हा		Beed			
तालुका		Ashti			
गाव		Hivara			
शेतकरी न	गाव	Pandurang	Bapu Lagad		
वडिलांचे/	पतीचे नाव	Bapu			
नमुना संव	nलन तारीख			25-08-2017	1
सर्वेक्षण त्र	नमांक, खसरा ऋ./डाग ऋ.		142/2,-		
शेताचा प्र	कार अन्य			बागायत	
SHEE.		माती चाचणी प	रिणाम		
अनु.ऋ.	परिमाण	वाचन	एकक		वर्गवारी
1	साम्	7.85	HI ENCKI CAY	- Marketine	
2	क्षारता	0.61	डीएस/एम	Day Star	
3	सेंद्रिय कर्व	0.69	%	annie van	मध्यम
4	उपलब्ध नत्र	87.81	कि.यॅ/हे.	and the second party of	कमी
5	उपलब्ध स्फुरद	8.62	कि.यॅ/हे.		कमी
6	उपलब्ध पालाश	604.8	कि.यॅ/हे.		खूप जास्त
7	उपलब्ध गंधक (S)	51.78	पीपीएम		पुरेसा
8	उपलब्ध जस्त (Zn)	1.32	पीपीएम		
9	उपलब्ध बोरॉन(B)	2.63	पीपीएम		पुरेसा
10	उपलब्ध लोह (Fe)	14.28	पीपीएम		पुरेसा
11	उपलब्ध मँगनीज(Min)	16.62	पीपीएम		पुरेसा
12	उपलब्ध तांबे (Cu)	0.36	पीपीएम		पुरेसा

		कृपया पर्याय १ किंवा पर्याय २ वापरा, दोन्ही पर्याय १			
अनु.क्र.	पीक वाण	सते संयोजन-१ (कि.ग्रॅ/हे.)		सेंद्रीय खते आणि प्रमाण	जैव खते आणि प्रमाण
		नीम कोटेड युरिया	291 kg/ha		
	ज्वारी	सिंगल सुपर फॉस्फेट	331 kg/ha	शण खत g/a	
		पोटॅशियम क्लोराईड (म्युरेट ऑफ पोटॅश-दाणेदार)	22 kg/ha	14/4	



कृषी आणि शेतकरी कल्याण मंत्रालय वाल्यान वाल्यान क्षेत्री कल्याण मंत्रालय क्षेत्री विभाग विश्वाम कृषी विभाग विभाग कृषी विभाग क्षी, सहकार आणि शेतकरी कल्याण खाडे

vani Mrud o Jal Parikshan Prayogashala

वर्गवारी

MH/2018-19/115359949/1 नारायण बाबू अब्दार

Adi-Sanjivani Mrud o Je	Medium black soil	माती बाबणी परिणाम	परिमाण बाघन एकक		7,30	0.16 ਭੀਪਜ਼ਾਹਸ	0.41 %	332.40 किलादीम्जाहा	द 55.19 किलबँग्डाहा	११ किल्युँक्जाहा	12.20 पीपीएम	1.54 ਪੀਧੀएਜ	न(8)	(Fe) 2.84 ਧੀਪੀएਜ	
मृद आरोग्य पत्रिका	शेतकरी तपशील	नारायण बाब अन्दार	, आप्टी जि. बीड	देवकाली	अगस्टी	आस्टी 2 क्षारता	अ मेरिया कर्न	4 उपलब्ध नन	मानी नमुना तपशीम	MH/2018-19/115359949/1 6 34484 पालाश	17-05-2018 7 3 augment shapes (S)	195 8 34wed 3FF (Zn)	0.47 हेक्टर 9 उपलब्ध बोर्सेन(B)	असमंग 19,117000°N देखांग 75,422000°E	
		शेतकरी नाव	यस	गाव	तालुका	ब्लॉक नाव	जिल्हा	मोबाइल क्रमांक जिंदा Male वर्राः		माती नमुना क्रमांक	ममुना संकलन तारीख	सर्वेक्षण क्रमांक	थ्रसरा का/डाना क.	औगानिक स्थिती (जीपीएस):	

बूप जास्त

35.4

कमरता कसरल

पुरमा पुरमा

2.32 वीपीएम

पुरमा

मध्यम

# रन्यात्म खते शिकारसी (संदीय खता सह)

12 उपलब्ध तांबे (Cu)

बाते संयोजन-२ (किलयॅम्नाहा)

(מני היאים) ומצואים ביים וביים ומצואים ביים ומצואים ביים ומצואים ביים ומצואים ביים ומצואים ביים ביים ביים ביים ביים ביים ביים ב	बाण संदूर्भ पीक संद्रीय खते आणि जीव खते आणि प्रमाण खते संदोजन-१ (किसर्वेन्न्न) । प्रमाण	तीम कोटेड जुरिया केण गाउ श्रीमान्येकन सिंगान स्वास क्षेत्रकेन निश्, D205 Granulated)	10 टन / हेक्टर 25,000 ग्रीकि वी	क्षेण खत	云 25,000 故師 朝	नीम कोटेड युरिया
	अनुक्षीक वाण रमां		बाटी मोटन	2 34	4	

443 67 40 43 43 43 43 43

67 पोटीशयम क्लोराईड (म्युरेट ऑफ पोटेश-दाणेदार)

261 डायअसोनियम फॉस्फेट(18-46-0)

125 तीम कोटेड युरिया

54 डायअमीनियम फॉस्फेट(18-46-0)

106 नीम कोटेड युरिया

28 पोटीशयम कनोराईड (म्युरेट अफि पोटेश-दाणेदार)

65 डायअमोनियम फॉस्फेट(18-46-0)

125 नीम कोटेड युरिया

33 फोटींशियम क्लोराईड (म्युरेट ऑफ पोटेंश-दाणेदार)

मुदा व पाणी परिक्षण प्रयोग शाळा आदि संजिवनी लीकदमांव बीड

महाराष्ट्र शासन कृषी विभाग

अमीन आसेस्य पत्रिका क्र शतकरी नाव पिता माव

पासून: करण्यासाठी:

**Burn** 

1% फेरस सल्फेट (तीन वेळा फबारणी करा)+ 0.5 % युना संदर्भ उत्पादन खते जिपगरसी (सैदीय खता सह) 0.25 % बोरिकस दुच्यम सथा सूहम मूलद्रच्यांच्या शिष्ठारशी बोर्रेक्स (5-10 किलो/हेक्टर) मातीच्या माध्यमातूम किलोहेक्टर) (मातीतीस उपयोजन जास्त यांगले) सामाज्य शिकारशी करस सल्केट (25-50 2 时 (Fe) 1 alt(H(B) अनुक् परिमाण रमांक

महाराष्ट्र शासन कृषी विभाग युना / जिप्सम







	मृद आरोग्य पत्रिका शेतकरी तपशील		ne Chine			
जिल्हा	Beed	Beed				
तालुका	Ashti	Ashti				
गाव	Kada	Kada				
शेतकरी नाव	Rajni Kalyan Patil	Rajni Kalyan Patil				
वडिलांचे/पतीचे नाव	Kalyan					
नमुना संकलन तारीख		09-05-2018				
सर्वेक्षण क्रमांक, खसरा क्र./डाग क्र.	345,-					
शेताचा प्रकार	बागायत					

		माती चाचणी प	रिणाम	
अनु.का.	परिमाण	वाचन	एकक	वर्गवारी
1	सामू	8.0		
2	क्षारता	1.2	डीएस/एम	
3	सेंद्रिय कर्ब	0.32	%	कमी
4	उपलब्ध नत्र	137.98	कि.ग्रॅ/हे.	कमी
5	उपलब्ध स्फुरद	13.34	कि.यॅ/हे.	मध्यम
6	उपलब्ध पालाश	515.0	कि.यँ/हे.	खूप जास्त
7	उपलब्ध गंधक (S)	73.32	पीपीएम	पुरेसा
8	उपलब्ध जस्त (Zn)	7.64	पीपीएम	
9	उपलब्ध बोरॉन(B)	3.45	पीपीएम	पुरेसा
10	उपलब्ध लोह (Fe)	8.5	पीपीएम	पुरेसा
11	उपलब्ध मँगनीज(Mn)	2.94	पीपीएम	पुरेसा
12	उपलब्ध तांबे (Cu)	0.89	पीपीएम	पुरेसा

		पर्याय १			
अनु.क्र.	पीक वाण	सते संयोजन-१ (कि.पॅ/हे.)		संद्रीय खते आणि प्रमाण	जैव सते आणि प्रमा
		नीम कोटेड युरिया	146 kg/ha		
	ज्वारी	सिंगल सुपर फॉस्फेट	125 kg/ha	श्रेण खत q/ha	
		पोटॅशियम क्लोराईड (म्युरेट ऑफ पोटॅश-दाणेदार)	22 kg/ha		F . 197







		मृद आरोग्य प	त्रिका			
		शेतकरी तपर्श	ील			
जिल्हा	Salara Series Series Series	Beed	Beed			
तालुका Ashti				TODE ON YOUR		
गाव		Jalgaon				
शेतकरी न	नाव 💮	Santosh Pandu	rang Dhu	mal		
वडिलांचे/	पतीचे नाव	Pandurang				
नमुना संव	कलन तारीख			25-05-2018		
सर्वेक्षण त्र	सर्वेक्षण कमांक, खसरा क./डाग क. 68/2,-					
शेताचा प्र	कार		बागायत			
		माती चाचणी प	रिणाम			
अनु.ऋ.	परिमाण	वाचन		एकक	वर्गवारी	
1	साम्	7.56				
2	क्षारता	0.26	डीएस	ा/एम		
3	सेंद्रिय कर्व	0.65	%		मध्यम	
4	उपलब्ध नत्र	112.06	कि.यँ	<b>唐</b> .	कमी	
5	उपलब्ध स्फुरद	6.61	कि.ग्रं	度.	कमी	
6	उपलब्ध पालाश	471.4	कि.यॅ	<i>ξ</i> .	खूप जास्त	
7	उपलब्ध गंधक (S)	80.16	पीपीए	रुम	पुरेसा	
8	उपलब्ध जस्त (Zn)	1.03	पीपीए	र्म		
9	उपलब्ध बोरॉन(B)	2.44	पीपीर	एम	पुरेसा	
10	उपलब्ध लोह (Fe)	11.56	पीपीर		पुरेसा	
11	उपलब्ध मँगनीज(Mn)	10.7	पीपीर		पुरेसा	
11			पीपीएम			

		पर्याय १	ही पर्याय वापर		
अनु.क.	पीक वाण	स्रते संयोजन-१ (कि.ग्रॅ/हे.)		सेंद्रीय खते आणि प्रमाण	जैव खते आणि प्रमाण
		नीम कोटेड युरिया	0 kg/ha		
	कापूस	सिंगल सुपर फॉस्फेट	0 kg/ha	शण खत q/ha	
		पोटॅशियम क्लोराईड (म्युरेट ऑफ पोटॅश-दाणेदा	() 0 kg/ha	q/na	



12

उपलब्ध तांबे (Cu)

#### नानाजी देशमुख कृषि संजीवनी प्रकल्प



#### कृषी विभाग महाराष्ट्र शासन



		मृद आरोग्य				
		शेतकरी तप	<b>शील</b>			
जिल्हा		Beed	Beed			
तालुका Asi			Ashti			
गाव Sheri Bk.						
शेतकरी न	नाव -	Sanjay Vitt	hal Mahadik			
वडिलांचे/	पतीचे नाव	Vitthal				
नमुना संकलन तारीख				12-03-2019		
सर्वेक्षण क्रमांक, खसरा क्र./डाग क.				89/A,-		
शेताचा प्र	कार			बागायत		
		माती चाचणी	परिणाम	Value and		
अनु.ऋ.	परिमाण	वाचन		एकक	वर्गवारी	
1	साम्	7.93				
2	क्षारता	1.1	डीएस/ए	म		
3	सेंद्रिय कर्व	0.27	%		कमी	
4	उपलब्ध नत्र	87.81	कि.ग्रॅ/हे.		कर्मी	
5	उपलब्ध स्फुरद	12.79	कि.यॅ/हे.		मध्यम	
6	उपलब्ध पालाश	358.3	कि.ग्रं/हे.		खूप जास्त	
7	उपलब्ध गंधक (S)	60.49	पीपीएम		पुरेसा	
8	उपलब्ध जस्त (Zn)	6.35	पीपीएम			
9	उपलब्ध बोरॉन(B)	2.35	पीपीएम		पुरेसा	
10	उपलब्ध लोह (Fe)	10.46	पीपीएम		पुरेसा	
11	उपलब्ध मँगनीज(Mn)	3.06	पीपीएम	And John Miles	पुरेसा	
100			100		15	

		कृपया पर्याय १ किंवा पर्याय २ वापरा, दोर्न्ह पर्याय १			
अनु.क्र.	भीक वाण	पीक वाण खते संयोजन २ (कि. ग्रॅं/हे.)		सेंद्रीय सते आणि प्रमाण	जैव खते आणि प्रमाप
		नीम कोटेड युरिया	435 kg/ha		
कापूस	कापूस	सिंगल सुपर फॉस्फेट	375 kg/ha	श्रेण खत q/ha	
		पोटॅशियम क्लोराईड (म्युरेट ऑफ पोटॅश-दाणेदार)	67 kg/ha	dim.	

0.36

<u>पीपीएम</u>

पुरेसा



12

उपलब्ध तांबे (Cu)

#### नानाजी देशमुख कृषि संजीवनी प्रकल्प



#### कृषी विभाग महाराष्ट्र शासन

पुरेसा



		मृद आरोग्य प	पत्रिका			
		शेतकरी तप	शील			
जिल्हा		Beed	Beed			
तालुका Ash			Ashti			
गाव Sangvi Patan						
शेतकरी न	गाव	Rahibai Man	ikrav Bhaga	t		
वडिलांचे/	पतीचे नाव	Manikrav				
नमुना संव	फलन तारीख			26-08-2018		
सर्वेक्षण त्र	सर्वेक्षण क्रमांक, खसरा क्र./डाग क्र.					
शेताचा प्र	कार		वागायत			
		माती चाचणी प	परिणाम			
अनु.क्र.	परिमाण	वाचन		एकक	वर्गवारी	
1	साम्	7.56				
2	क्षारता	0.43	डीएस	/एम		
3	सेंद्रिय कर्ब	0.17	%		कमी	
4	उपलब्ध नत्र	137.98	कि.यँ	हि.	कमी	
5	उपलब्ध स्फुरद	14.31	कि.यॅ	<i>हि.</i>	मध्यम	
6	उपलब्ध पालाश	246.52	कि.यँ	<b>彦</b> .	मध्यम	
7	उपलब्ध गंधक (S)	30.24	पीपीए	्म	पुरेसा	
8	उपलब्ध जस्त (Zn)	2.2	पीपीए			
9	उपलब्ध बोरॉन(B)	0.42	पीपीर	्म	कमरता	
10	उपलब्ध लोह (Fe)	9.12	पीपीए	एम	पुरेसा	
11	उपलब्ध मँगनीज(Mn)	2.46	पीपीर	ग्म	पुरेसा	
10		0.50	2.0			

		कृपया पर्याय १ किंवा पर्याय २ वापरा, दोन्ही पर्याय १			
अनु.ज्ञ.	पीक वाण	सते संयोजन-१ (कि.ग्रॅ/हे.)		सेंद्रीय खते आणि प्रमाण	जैव खते आणि प्रमाण
		नीम कोटेड युरिया	91 kg/ha		
1	त्र	सिंगल सुपर फॉस्फेट	313 kg/ha	शण खत g/a	
		पोटॅशियम क्लोराईड (म्युरेट ऑफ पोटॅश-दाणेदार)	42 kg/ha	4/4	

पीपीएम

0.56







		मृद आरोग्य				
		शेतकरी त	पशील			
जिल्हा		Beed	Beed			
तालुका Ashti						
गाव	Mandva				WINDS TO SERVICE	
शेतकरी न	गव	Ashok Sar	jerav Andhale			
वडिलांचे/	पतीचे नाव	Sarjerav				
नमुना संव	hलन तारीख			02-09-2017		
सर्वेक्षण क्रमांक, खसरा क्र./डाग क्र.				141,-		
शेताचा प्र	कार		वागायत			
		माती चाचणी	परिणाम			
अनु.ऋ.	परिमाण	वाचन	Ų	कक	वर्गवारी	
1	साम्	6.9			Slightly acidic	
2	क्षारता	0.83	डीएस/एम			
3	सेंद्रिय कर्व	0.1	%	VIIIZUE INSE	कमी	
4	उपलब्ध नत्र	136.73	कि.ग्रॅ/हे.		कमी	
5	उपलब्ध स्फुरद	19.84	कि.ग्रॅ/हे.		मध्यम	
6	उपलब्ध पालाश	593.6	कि.यॅ/हे.		खूप जास्त	
7	उपलब्ध गंधक (S)	50.41	पीपीएम		पुरेसा	
8	उपलब्ध जस्त (Zn)	0.94	पीपीएम			
9	उपलब्ध बोरॉन(B)	3.19	पीपीएम		पुरेसा	
10	उपलब्ध लोह (Fe)	14.8	पीपीएम		पुरेसा	
11	उपलब्ध मँगनीज(Mn)	12.64	पीपीएम		पुरेसा	
12	उपलब्ध तांबे (Cu)	0.4	पीपीएम		पुरेसा	

		कृपया पर्याय १ किंवा पर्याय २ वापरा, दोन्ही पर्याय १	1111111		
अनु.क्र.	पीक वाण	सते संयोजन-१ (कि.ग्रॅ/हे.)		सेंद्रीय खते आणि प्रमाण	जैव खते आणि प्रमाण
		नीम कोटेड युरिया	435 kg/ha		
1	कापूस	सिंगल सुपर फॉस्फेट	375 kg/ha	शेण खत q/a	
		पोटॅशियम क्लोराईड (म्युरेट ऑफ पोटॅश-दाणेदार)	33 kg/ha	4/4	

॥ श्री चैतन्य स्वामी प्रसन्न ॥

# डाळींब पिक परिसंवाद

रविवार, दि.७ फेब्रुवारी २०२१ सकाळी १०.३० ते १.३० वाजता

प्रमुख मार्गदर्शक

मा.श्री बाबासाहेब गोरे (डाळींब रत्न पुरस्कार प्राप्त) श्री राजेंद्र सुपेकर (कृषि अधिकारी , आष्टी तालुका)

श्री अमोलक जैन विद्या प्रसारक मंडळ संचालित , गांधी महाविद्यालय कडा व ग्रामपंचायत, देवळाली (पानाची) यांच्या संयुक्त विद्यमाने आधुनीक शेती तंत्रज्ञान अंतर्गत 'डाळींब पिक परिसंवाद ' या विषयावर तज्ञांचे मार्गदर्शन होणार आहे.तरी गावातील व परिसरातील शेतकरयांनी उपस्थित राहुन या संधीचा लाभ ध्यावा .

#### - आयोजक -

श्री अमोलक जैन विद्या प्रसारक मंडळ संचालित, गांधी महाविद्यालय कडा,ता.आष्टी, जि.बीड व ग्रामपंचायत देवळाली (पानाची) ता.आष्टी, जि.बीड

- कार्यक्रमाचे स्थळ -चैतन्य स्वामी मंदिरा समोर , देवळाली (पानाची )

टिप - कार्यक्रम वेळेवर सुरू होईल , सदरील कार्यक्रमा मध्ये अन्य सत्कार व भाषणे होणार नाहीत. तसेच कोव्हीड १९ च्या पार्श्वभूमीवर सामाजीक अंतर ठेउन आपली उपस्थिती नोंदवावी. कार्यक्रमास मास्क घालणे अनिवार्य आहे .



# दैवळालीत डाळिंब पिकाबाबत परिसंवादाद्वारे मार्गदर्शन

कडा : आष्टी तालुक्यातील कडा येथील श्री अमोलक जैन विद्या प्रसारक मंडळाचे गांधी महाविद्यालय व ग्रामपंचायत देवळाली (पानाची) यांच्या संयुक्त विद्यमाने डाळिंब पीक परिसंवादात, महाराष्ट्र शासनाचा 'डाळिंब रत्न' पुरस्कारप्राप्त बाबासाहेब गोरे व आष्टी तालुका कृषी अधिकारी राजेंद्र सुपेकर यांचे मार्गदर्शन लाभले.

अध्यक्षस्थानी कांतीलाल चाणोदिया व विश्वस्त उपाध्यक्ष बाबूलाल भंडारी उपस्थित होते. प्राचार्य डॉ.एन.एस.राठी, उपप्राचार्य डॉ.जे. एम. भंडारी, पंचायत समिती सदस्य परमेश्वर शेळके, सरपंच बबनराव तळेकर उपस्थित होते. प्रास्ताविकात प्रा. डॉ. विशाल वैद्य यांनी सेंद्रिय शेती, गांडूळ खत प्रकल्प, सुधारित बियाणे तंत्रज्ञान, एकात्मिक कीड नियोजनाविषयी माहिती दिली. प्राचार्य डॉ.नंदकुमार



कडा येथील गांधी महाविद्यालयात बाबासाहेब गोरे यांनी मार्गदर्शन केले.

#### मृदा, जल परीक्षण काळाची गरज

- यावेळी बाबासाहेब गोरे यांनी शास्त्रीय पद्धतीने डाळिंब पीक व्यवस्थापनावर मार्गदर्शन करून सेंद्रिय औषधांचे उपयोग सांगितले. तालुका कृषी अधिकारी राजेंद्र सुपेकर यानी शासनाच्या विविध कृषी योजनाची माहिती दिली.
- मृदा व जल परीक्षण काळाची गरज असल्याचे ते म्हणाले. बाबूलाल भंडारी वानी श्री अमोलक जैन विद्या प्रसारक मंडळ येत्या तीन वर्षात शतक महोत्सवात पदार्पण करणारी जिल्ह्यातील एकमेव जैन अल्पसंख्यांक संस्था असल्याचे सांगितले.

राठी यांनी वसुंधरा संवर्धन काळाची गरज या विषयावर मार्गदर्शन केले.

शेतक-यांचे स्वागत करण्यात आले. कार्यक्रमासाठी प्रा. डॉ. चंद्रशेखर यावेळी मास्क व गुलाब पुष्प देऊन तळेकर, प्रा. डॉ. रमेश आबदार, अशोक

खाडे, प्रा.गवळी एन.टी, प्रा.डॉ. जाधवर पी. बी., प्रा. हासे एस.आर व प्रा.डॉ. शिंदे एस.एम. यांनी परिश्रम घेतले.

सूत्रसंचालन प्रा. डॉ. सुदाम जाधव यांनी केले. सुनील खाडे यांनी आभार मानले. यावेळी महाविद्यालयाचे प्राध्यापक व शिक्षकेतर कर्मचारी व शेतकरी मोठ्या संख्येने उपस्थित होते. पर्यावरणपुरक उपक्रम महाविद्यालयाने अंगीकृत करण्यासाठी श्री अमोलक जैन विद्या प्रसारक मंडळाचे अध्यक्ष कांतीलाल चाणोदिया. विश्वस्त गोकुळदास मेहेर, कार्याध्यक्ष योगेशकुमार भंडारी, सचिव हेमंतकुमार पोखरणा, उपाध्यक्ष रमेशलाल गुगळे व अनिलकुमार झाडमुथ्था, मंत्री बिपीनकुमार भंडारी, विनोद बलदोटा, कोषाध्यक्ष डॉ.उमेश गांधी, तसेच सर्व पदाधिकारी, सदस्य, विश्वस्त व कार्यकारी मंडळांनी प्रोत्साहन दिले.

Dalimb Peek Parisanvad for farmers at Deolali (P)

(7/2/2021)



Dalimb Preek Parisaniad for Farmers at Deolali (P.) Chief Guest: Hon. Babasahieb Gore (>12/2021)



Perek Parisanvad for Farmers at Dealali (P.) (7/2/2021) Dalimb



# डाळींब पीक परिषद उपास्थिती

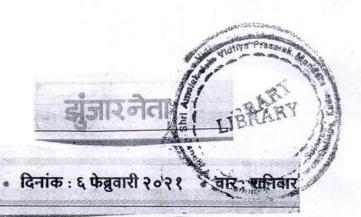
7/02/2021

	\ (	1902/2021
कुं नाव	भावाहल वहर	2119
2 0 2	\	\
1) हिताची हर्देशा	3 2/1 514 0803003561	(4) (4) 9136
2) 800 8100161	1000 GG64498660	gable).
3) दिकाराम उभाज	180101 9420784805	
5) 212 2.12	10224C4828	
5) रिगंपियेशकर्गाव	1 DZg 940545528	
6) 0 -		
अंड किंक रामन		दवलिका
7) तिसात किस		० दिवकीकी.
श दरामान दली	00000000011	देवळाली
गे पांत्रण शहा ।	V + 0 6 1. V 7 1	2 Gdoslad
103 राझा संताप	RAGGIEL 9689131381	Gadini
113 राझारी विजय	8275174141	विन्नी
123 22/8/10 12/12		Gdcs'm
13) नामदेव नाथा	[8210] 902/936/91	हिन्दार्थ
Thy som ustrian	( 944169 9921777428	द्वजाले.
15) 3/21/05/1/6	1 790 9594 90013	4 400100
16) माळाजाडवाक	गल प्वारे रह ७९ ६६०१ प्	्व हुवल्यकर्ग
17) 0101214901		र्वञ्चा
18) दलाय ग्रह	HIGO 7350 98637	1 ( 600/00
19) द्शार्भ भाववराउ	13d - 9604396454	Gaedicai
20) देवराम्यांडीव	101200 6029466964	देवकाकी
21) सहारवं राहासि	चित्रिलार 9869640594;9	175570324 हिन्सा विपारते
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25 23/21 5/16	16 9 2 195 93 59 1601	८६ ग्राहरतेल
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9.	ola	भावाइल नवत	LIBIE ]
31	15/2/11 प्रहावयडाव डाइराज	282230482	ann of
32	3/10/11 2/182 255/10	9657 933909	EA cores
33	आदिनाघ रगनाथ गर्म	9673854855	(हातील)
34	देविदास क्षिवाती महस्क	9021174206	211920119
35	डालड़ साम्बिसन रेम्क	7768026513	DIJESPILE
36	dra15/21 Pa15/14, 9639	94132 9421358612	1
37	प्रवाक्ता वसका 91cE101	7517887566	31/mg 0/9/57
38	34811 00 2019 21319	9653255054	(देवळात्मी) पा
39	शुम्म । भावाजा आमल	9767199756	ट्वेवकाली मा
40	अवादाम पढरानाय भोत्रा	9921517859	(विवक्त) देवली
9 41	कानिकारा असराम राजन	888737361	द वळाला व
42	अप। नद्व हास्त्र १० वाका	9405267058	593100
43	अा अल्याय कंक्सी तक्षी	9011770430	दवकार्वी
100	रिजनावी साम्या सार्व	9689011169	dawng -
45	मधुकार यादव पवल	X	द्वकार्छ
46	भरत वयन ज्ञाद		1100
F47		8010886201	भाषात्रवादी (देवावर
48	सापहा समिता ग्रेगाक	9403485751	त्मिर्विष्ठवर्धी देशकार
49	देविदास भानुदास थाराम	9922714377	म्हारेबंडकार्डा विश्वेष्ठ
50	दिविद्या क्यां राजाय रवाउँ	9657869954	anorial
51	कीविन कार्रा विस्त	9552507020	meet
52	705.7	C992 5090 52	40019
53	लालारमंद्र दल, मार्गंड	9552868111	20 meg
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55	भुवा अंकुरा चिलारे	9420329351	वांगवी (पारण)
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# रविवारी देवळाली येथे डाळींब पिकांवर परिसंवाद

कडा, दि.५ (प्रतिनिधी):- आष्टी तालुक्यातील देवळाली पानाची येथे रिववार दिनांक ७ फेब्रुवारी रोजी सकाळी दहा वाजता डार्ळीब रत्न पुरस्कार प्राप्त बाबासाहेब गोरे यांचे डार्ळीब पिकांवर परिसंवादाचे आयोजन करण्यात आले आहे.

आष्टी तालुका हा दुष्काळी भाग आहे. या परिसरातील पाण्याचे प्रमाण अल्प आहे त्यामुळे कमी पाण्यावर आणि ठिबक पद्धतीने शेती करण्याकडे शेतकऱ्यांचा मोठा कल आहे. फळबाग लागवड मोठ्या प्रमाणात झालेली आहे. आष्टी तालुक्यातील देवळाली ग्रामपंचायत आणि कडा येथील गांधी महाविद्यालय यांच्या संयुक्त विद्यमाने परिसरातील शेतकऱ्यांसाठी या कार्यक्रमाचे आयोजन करण्यात आले आहे. आधुनिक शेती तंत्रज्ञान अंतर्गत डाळींब पिकाविषयी सविस्तर माहिती या परिसंवादात देण्यात येणार आहे. आष्टी तालुका कृषी अधिकारी राजेंद्र

उपस्थित होते.

#### रविवारी देवळाली येथे डाळींब पिकांवर

सुपेकर हे देखील यावेळी मार्गदर्शन करणार आहेत.

कोव्हीड १९ च्या पार्श्वभूमीवर सामाजिक आंतर ठेवुन हा कार्यक्रम होत आहे. प्रत्येकाने मास्क लावुन कार्यक्रमास उपस्थित रहावे.चैतन्य स्वामी मंदीराचे समोर होणाऱ्या कार्यक्रमास परिसरातील शेतकऱ्यांनी मोठ्या संख्येने उपस्थित राहावे असे आवाहन संयोजकांनी क्ले आहे.

अनुमानिन जानी जा है - - - - - - - -

Dalimb Pik Parishad (2/2/2021)



# देवळाली (पानाची) येथे डाळींब पिक परिसंवादात बाबासाहेब गोरे, राजेंद्र सुपेकर यांचे मार्गदर्शन

कडा,दि.८(प्रतिनिधी)ः आष्टी तालुक्यातील देवळाली (पानाची ) येथे डाळींब पिक परिसंवाद कार्यक्रम संपन्न झाला यामध्ये महाराष्ट्र शासनाचा 'डाळींब रल' पुरस्कार प्राप्त बाबासाहेब गोरे व आष्टी तालुका कृषी अधिकारी राजेंद्र सुपेकर यांचे मार्गदर्शन लाभले.

कडा येथील श्री. अमोलक जैन विद्या प्रसारक मंडळाचे गांधी महाविद्यालय व ग्रामपंचायत देवळाली (पानाची ) यांच्या संयुक्त विद्यमाने डाळींब पिक परिसंवाद या कार्यक्रमाचे आयोजन देवळाली येथे करण्यात आले. पर्यावरण पुरक उपक्रम महाविदयालयाने अंगीकृत करण्यासाठी श्री अमोलक जैन विदया प्रसारक मंडळाचे अध्यक्ष कांतीलाल चाणोदिया, विश्वस्त अध्यक्षं गोकुळदास मेहेर, कार्याध्यक्ष योगेशकुमार भंडारी, सचिव हेमंतकुमार पोखरणा, उपाध्यक्ष रमेशलाल गुगळे व अनिलकुमार झाडमुध्था .मंत्री बिपीनक्मार भंडारी, विनोद बलदोटा,



कोषाध्यक्ष डॉ. उमेश गांधी तसेच सर्व पदाधिकारी, सदस्य, विश्वस्त व कार्यकारी मंडळांनी प्रोत्साहन दिले . कार्यक्रमाच्या अध्यक्षस्थानी अमोलक संस्थेचे कांतीलाल चाणोदिया व विश्वस्त उपाध्यक्ष बाबुलाल भंडारी उपस्थित होते. कार्यक्रमासाठी महाविद्यालयाचे प्राचार्य डॉ.एन.एस.राठी, उपप्राचार्य डॉ.जे. एम. भंडारी, पंचायत समिती सदस्य परमेश्वरकाका शोळके, सरपंच बबनराव तळेकर उपस्थित होते.

यावेळी बाबासाहेब गोरे यांनी डाळींब पिक व्यवस्थापन हे शास्त्रीय पध्दतीने कसे करावे या विषयी विस्तृत मार्गदर्शन केले. या पिकाच्या वेगवेगळ्या अवस्थेमध्ये वापरण्यासाठी सेंद्रीय औषधांचे उपयोग सांगितले. तालुका कृषी अधिकारी राजेंद्र सुपेकर यांनी शासनाच्या विविध कृषि योजनांची माहिती देवून मृदा व जलपरिक्षण काळाची गरज असल्याचे सांगितले. बाबुलाल भंडारी यांनी श्री. अमोलक जैन विधा प्रसारक मंडळ ही संस्था सन २०२४ मध्ये शतक महोत्सवात पदार्पण करणारी जिल्हयातील एकमेव जैन अल्पसंख्यांक संस्था असल्याचे सांगितले. कार्यक्रमाचे

प्रास्ताविक करतांना प्रा. डॉ. विशाल वैद्य यांनी सेंद्रीय शेती, गांडूळ खत प्रकल्प, सुधारित बियाणे तंत्रज्ञान, एकात्मिक कीड नियोजन याविषयी माहिती दिली. महाविद्यालयाचे प्राचार्य डॉ. नंदकुमार राठी यांनी अध्यक्षीय समारोप करतांना वस्ंधरा संवर्धन काळाची गरज या विषयावर मोलाचे मार्गदर्शन केले तसेच सामाजिक अंतर ठेव्न महाविद्यालयाकडून शेतकऱ्यांना मास्क व गुलाब पुष्प देऊन स्वागत करण्याद आले. कार्यक्रम यशस्वीतेसाठी प्रा. डॉ. चंद्रशेखर तळेकर, प्रा. डॉ. रमेश आबदार, अशोक खाडे, प्रा. गवळी एन. टी, प्रा. डॉ. जाधवर पी. बी., प्रा. हासे एस. आर व प्रा. डॉ. शिंदे एस.एम. यानी परिश्रम घेतले. कार्यक्रमाचे सुत्रसंचलन प्रा. डॉ. सुदाम जाधव यांनी व उपस्थितांचे आभार सुनिल खाडे यांनी मानले.महाविद्यालयाचे प्राध्यापक व शिक्षक्तर कर्मचारी व पंचक्रोधीतील शेतकरी मोठया संख्येने उपस्थित होते.

# Dalimb Pik Parishad (7/2/2021)



S.A.J.V.P.M. Kada's
Smt.S.K Gandhi Adis Amolak Science
P.H.Gandhi Commerce College, Kada

#### ।। पढमं नाणं तओ दया।।

Shri.Amolak Jain Vidhya Prasarak Mandal's

## Smt. S. K. Gandhi Arts, Amolak Science &

#### P. H. Gandhi Commerce College

Kada, Tal.-Ashti, Dist.- Beed. (Maharashtra)

NAAC Accredited "B" Grade

Email ID- gandhicollegekada\_1996@yahoo.co.in

Est.1996

Prin. Dr. S. S. Rathi M.Com , M.phil, Ph.D

Out word No. 461

2018-2019

Date :- 26 /02 / 2019

Dr. Sangshetti Jayprakash

Y.B. Chavan College of Pharmacy,

Aurangabad.

Sub: - Invitation for workshop on Reduce, Reuse and Recycle.

Dear Sir,

As a part of celebration of National Science Day, Department of Chemistry and Department of Botany of our College, have Organised One Day District Level workshop for the Students on the topic Reduce, Reuse and Recycle.

We would like to invite you as a Chief Guest and Resource Person on this occasion, which is to be held on 27<sup>th</sup> February 2019.

We hope you will kindly accept our invitation and oblige.

Thanking you

S.A.J.V.P.M.Kada's Smt.S.K.Gandhi Arts, Amolok Science

P.H.Gandhi Commerce College, Kada

#### ।। पढमं नाणं तओ दया ।।

Shri.Amolak Jain Vidhya Prasarak Mandal's

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#### P. H. Gandhi Commerce College

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Email ID- gandhicollegekada\_1996@yahoo.co.in

Est.1996

Prin. Dr. S. S. Rathi M.Com , M.phil, Ph.D

Out word No. 463

2018-2019

Date :- 26 /02 / 2019

Dr. S. S. Patil

Head, Dept. of Environmental Science,

Dr. Babasaheb Ambedkar Marathwada University,

Aurangabad.

Sub: - Invitation for workshop on Reduce, Reuse and Recycle.

Dear Sir,

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Thanking you

Principal S.A.J.V.P.M.Kada's Smt.S.K.Gandhi Arts, Amolok Scienc P.H.Gandhi Commerce College, Kan

# कडा येथे पॉवर पॉइंट प्रेझेंटेशन स्पर्धेमध्ये प्रियंका जाधवर प्रथम

कडातील गांधी महाविद्यालयात ३ दिवसीय कार्यशाळा उत्साहात प्रतिनिधी | कडा

येथील गांधी महाविद्यालयात राष्ट्रीय विज्ञान दिनानिमित्त तीनदिवसीय कार्यशाळेचे आयोजन केले होते. या कार्यशाळेत जिल्ह्यातील रसायनशास्त्र व वनस्पतीशास्त्र विषयाचे ६९ विद्यार्थी सहभागी होते.

महाविद्यालयाच्या रसायनशास्त्र विभागाच्या वतीने घेण्यात आलेल्या पावर पॉइंट प्रेझेंटेशन स्पर्धेचे बक्षीस वितरण मान्यवरांच्या हस्ते करण्यात आले. या कार्यशाळेत कै. डॉ. प. ल. जोशी स्मृतिप्रीत्यर्थ प्रा. डॉ. सुपर्णा देशमुख यांच्या वतीने देण्यात येणारे प्रथम पारितोषिक प्रियंका जाधवर

हिने पटकावले. डॉ. बाबासाहेब आंबेडकर मराठवाडा विद्यापीठाचे पर्यावरण शास्त्र विभागप्रमुख सीफर्डचे संचालक डॉ. एस. एस. पाटील, विज्ञान तंत्रज्ञान अधिष्ठाता मझहर <mark>फारुकी</mark> , डॉ. जयप्रकाश संगसेड्री आदी मान्यवरांनी विद्यार्थ्यांना मार्गदर्शन केले. अमोलक शिक्षण संस्थेचे अध्यक्ष कांतीलाल चानोदिया यांची प्रमुख उपस्थिती प्राचार्य डॉ. एन. एस. यांनी प्रास्ताविक सत्रसंचालन देशमुख यांनी केले, तर डॉ. गर्जे यांनी आभार मानले. या वेळी उपस्थित विज्ञान दिनाविषयी मान्यवरांनी मार्गदर्शन केले.



SAJ VPM'S Smt. S. K. Gandhi College, K.ada. 2702 2019

DEPT. OF "CHEMISTRY"

one day workshop on " Reduce, Reuse 4 Recycle"

#### Attendance Bession - I

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SMI. B.K. Gandhi Cilege, Kada.

Dept. of CHEMISTRY

one doy Work shop on

"Reduce, Reuse & Recycle"

#### Attendance session -II

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# Reduce Recycle Feuse SESSION I

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Department of Chemistry

Department of Chemistry S.A.J.V.P.M'S Kada S. K. Gandhi Arts, Amolak Science P.H. Gandhi Commerce College, Kada

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Department of Chemistry S.A.J.V.P.M'S Kada S. K. Gandhi Arts, Amolak Science

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smt. s.k. gandhi College kada.

Dept- of Chemistry

Reduce, Reuse & Recycle"

Attendance Session

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SESSION III Reduce Recycle 28) somate Shubham Sun 801 Rajer 36 MSC I Department of Chemistry S.A.J.V.P.M'S Kada S. K. Gandhi Arts, Amolak Science P.H. Gandhi Commerce College, Kada

#### Amolak Jain Vidya Prasarak Mandal

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

#### **Power Point Presentation Competition**

**DEPT. Of Chemistry** 

25/02/2019 RESULTS Name Of Presentation: Remark: Content: Voice cotal is Student: Modulation: Dumtes.s. (2) 11 (2) 06 (Recycle, Reduce Priyanka Jadhar 1111 (04) (03 (04) 11 1 1711 11 (R-R-R) 3) Walte Form 11 (3) 11 3 06 ragri west 4) Withil Restore. (1)1111 (4) 5) Shekde karisma 1111 (h 111 (03) 12 nill (05 (RRR) 6) Bholgod Y. 111 (3) (3) 111 111 09 7) Walkes. (3) (2) 111 (3) 10 111 141 (Platic (B) Department of Chemistry S.A.J.V.P.M'S Kada

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



#### Amolak Jain Vidya Prasarak Mandal

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

#### **Power Point Presentation Competition**

**DEPT. Of Chemistry** 

26/02/2019 FINAL RESULTS

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Department of Chemistry
S.A.J.V.P.M'S Kada
S. K. Gandhi Arts, Amolak Science
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HEAD

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



WORKSHOP ORGANISED BY DEPARTMENT OF CHEMISTRY ON TOPIC "REDUCE, RECYCLE AND REUSE" ...27<sup>™</sup> FEB. 2019

District level workshop as a part of celebrations of SCIENCE DAY, was organized by Department of Chemistry, in our college. Current topic was selected based on plastic reuse as a big environmental concern, as REDUCE, RECYCLE AND REUSE. Prof. Dr S. S. Patil, Head Dept. Of Environmental Science, Dr Babasaheb Ambedkar Marathwada University, Aurangabad was present as the Chief Guest. During his address he adviced to give stress on needs and not to greeds. It is the greed of the human being which is responsible for the spoilage of the environment. Greed makes person lazy and unaware about his responsibilities, he further added. Prof. Jagdale S. M. introduced Chief Guest. Principal Dr Mazahar Farooqui, Dean Science and Technology, Dr Babasaheb Ambedkar Marathwada University, Aurangabad, was present as the Key Note Speaker during this one day workshop and delivered his lecture on Indian Culture and Environmental Protection. Prof. Koinkar K.N gave introduction of Prof. Farooqui. During his lecture Principal Farooqui, said that young generation of India should strictly follow Indian Culture and should avoid westernization. Blind faith on western culture is the main reason for abusing natural resources he added. During this occasion, Principal Dr. N. S. Rathi was present as the President of the function. Prof. Dr Jayprakash Sanghshetti was present as a Speaker and delivered his lecture on Drug Abuse and its ill effects. SHon. Kantilalji Chanodiya, President, Shri. Amolak Jain Vidya Prasarak Mandal, Kada; was present for the whole day and as the Chief Guest for the Veledictory Function. Prof. Dr Jayprakash Sanghshetti was also present during valedictory function. Prof. Ashish Katariya proposed Vote Of Thanks. Dr. S. R. Deshmukh, Organising Secretary of the workshop conducted the programme.

> Department of Chemistry S.A.J.V.P.M'S Kada K. Gandhi Arts, Amolak Sciel

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, Kada.

Tal - Ashti, Dist - Beed

"Internal Quality Assurance Cell Sponsored" One Day Workshop on "Reduce, Recycle and Reuse" Organized by

**Department of Chemistry** 

In Collaboration with

Analytical Chemistry Teachers Research Association, Aurangabad



This is to certify that Mr./Ms		
has participated as		in one day workshop
held at Kada on 27th Feb. 2019.	Jointly Organized for District Students.	

Dr. N.S. Rathi

Principal SAJVPM'S Gandhi College, Kada. Prin. Dr. Mazahar Farooqui

Dean Science and Technology, Dr. Babasahod Ambedkar Marathavada University, Aurangabad Secretary, ACTRA

Director CIFART, Head Dept. of Environmental Science., Dr. Babasahed Ambedkar Marathavada University, Aurangabad

Dr. S.R. Deshmukh

**Organising Secretary** HEAD Department of Chemistry S.A.J.V.P.M'S Kada

।। पढमं नाणं तओ दया ।। श्री. अमोलक जैन विद्या प्रसारक मंडळ कडा, संचलित



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कडा, ता. आष्टी, जि. बीड. पिन ४१४ २०२ (०२४४१-२३९३७८)

\* नॅक समितीतर्फे ''बी'' दर्जा प्राप्त

E-mail: gandhicollegekada\_1996@yahoo.co.in | Web.: www.gandhicollegekada.org

स्थापना : १९९६

जैन अल्पसंख्यांक संस्था

प्राचार्य – डॉ. एन.एस.राठी (एम.कॉम,एम.फील.,पीएच.डी.)

दिनांक :

10 / 09 /2019

जा.क्र. २० – २०

प्रति.

मा.ग्रामविकास अधिकारी , ग्रामपंचायत कार्यालय, कडा. ता.आष्टी , जि.बीड.

विषय :- स्वच्छतेकरिता केलेल्या सहकार्या बाबत.. महोदय,

आपण आमच्या महाविद्यालयातील ओला कचरा (Liquid Waste) व सुका कचरा (Solid Waste) व्यवस्थापनाच्या दृष्टीने आपल्या ग्रामपंचायतीद्वारे येणारी घंटागाडी आम्हास गरजेनुसार उपलब्ध करून दिली. तसेच महाविद्यालयाच्या शौचालयाच्या स्वच्छतेसाठी ग्रामपंचायतीकडुन वेळोवेळी स्वच्छता कर्मचारी पाठवून सहकार्य केले.

त्याबददल आम्ही आपले आभारी आहोत.

Principal

S.A.J.V.P.M. Kada's

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

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Cover Letter Printed Marathi Page No.182

।। पढमं नाणं तओ दया ।। श्री. अमोलक जैन विद्या प्रसारक मंडळ कडा, संचलित



## श्रीमती. शांताबाई कांतीलाल गांधी कला, अमोलक विज्ञान

पनालाल हिरालाल गांधी वाणिज्य महाविद्यालय

कडा, ता. आष्टी, जि. बीड. पिन ४१४ २०२ (०२४४१-२३९३७८)

\* नॅक समितीतर्फे ''बी'' दुर्जा प्राप्त

E-mail: gandhicollegekada\_1996@yahoo.co.in | Web.: www.gandhicollegekada.org

स्थापना : १९९६

जैन अल्पसंख्यांक संस्था

प्राचार्य - डॉ. एन.एस.राठी (एम.कॉम,एम.फील.,पीएच.डी.)

दिनांक :

10/09/2019

जा.क्र.

प्रति, मा.ग्रामविकास अधिकारी, ग्रामपंचायत कार्यालय, कडा. ता.आष्टी, जि.बीड.

विषय: - महाविद्यालयाच्या कचरा व्यवस्थापना बाबत..

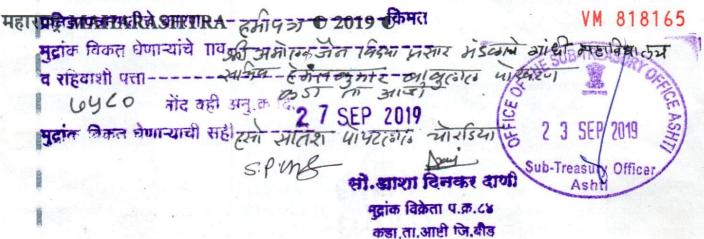
महोदय,

आमच्या महाविद्यालयातील ओला कचरा (Liquid Waste ) व सुका कचरा (Solid Waste) व्यवस्थापनाच्या दृष्टीने आपल्या ग्रामपंचायतीद्वारे येणारी घंटागाडी आम्हास गरजेनुसार उपलब्ध करुन देण्यात यावी. तसेच महाविद्यालयाच्या शौचालयाच्या स्वच्छतेसाठी ग्रामपंचायतीकड्न वेळोवेळी स्वच्छता कर्मचारी पाठविण्यात यावेत ही विनंती.

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S.A.J.V.P.M. Kada's Smt.S.K. Gandhi Arts Amolak Science P.H.Gandhi Commerce College, Kada





#### CONTINUATION MEMORANDUM OF UNDERSTANDING

Agreement for Disposal of E waste

This MEMORANDUM OF UNDERSTANDING for disposal of E-waste is made at KADA on MONDAY 28 SEPTEMBER 2019. between: Smt. S. K. Gandhi Arts, Amolak Science & P.H. Gandhi Commerce College Kada, Tal. Ashti. Dist. Beed. And Shree Computer, Kada, a shop having registered office at Branch No.1 Dhamangaon Road, Saishraddha Complex G-2, Kada, Tal- Ashti Dist- Beed (hereinafter referred to as 'the Vendor which the expression shall unless repugnant to the context and meaning thereof mean and include its successors and permitted assigns) of the One Part and: Smt. S. K. Gandhi Arts, Amolak Science & P.H. Gandhi Commerce College Kada a registered institute/college at Kada of the Other Part

Each is a "Party" to this Agreement and comprises the "Parties" to the Agreement.

WHEREAS-

- 1. An institute/college is engaged in providing various education to students and generate wastes such as Desktops, Servers, Laptops, Printers, Keyboards, Mouse, Wires, Headphone etc. while carrying out different educational and office activities (hereinafter referred to as "E-waste" and more particularly specified in Annexure-I hereto) and intends to dispose the said E-waste generated as per guidelines of the Central Pollution Control Board, Ministry of Environment & Forests.
- 2. The Vendor has represented that it is a certified E-waste disposal agency
- 3. Upon the representations of the Vendor, the Institute/college has agreed to appoint the Vendor and the Vendor has agreed to take charge of the said e-waste and collect, remove and dispose the same (hereinafter referred to as the "Premises") in the manner prescribed by the concerned authorities on the following terms and conditions agreed to between the parties.

NOW, THEREFORE, In consideration of the foregoing, the Parties hereby agree as follows:

- 1. Scope of Services
- a. The institute/college agrees to provide E-waste and the Vendor agrees to take charge of the E-waste as specified in Annexure I.
- b. The institute/college shall, at its sole discretion, send written intimation to the Vendor either at a specified interval of time or whenever specified quantity of E- waste is generated to collect the E-waste. The said E-waste shall be collected from the institute/college premises by the Vendor within 30 working days of intimation by the institute/college or any other period as required by the Company. It will be the responsibility of the Vendor to collect the same from the Premises and have the same transported from Premises of the institute/college to the Vendor's facility at its own costs & expenses in accordance with the guidelines and procedures prescribed by applicable authorities/laws and instructions of the institute/college.
- c. The Parties hereby agree that the ownership and risk of loss of the said E-waste will transfer from institute/college to Vendor upon delivery of the same to Vendor in the institute/college Premises
- 2. Representation, warranties and undertakings of the Vendor-
- a. The Vendor hereby agrees to share MIS report & respective update on activity on E-waste disposal till the final disposal of such E-waste.
- b. The Vendor hereby agrees that it shall pick material from institute/college Premises as per shared list by institute/college without any cost and shall ensure that proper documentation of the same is done as required under the applicable laws/rules/regulations
- c The Vendor agrees that when the E-waste comprises of Hard Disk(s), it shall be destroyed by the Vendor.
- e. Vendor represents and warrants that its licenses pertaining to E-waste are currently valid and further undertakes to maintain the said licenses (and any other licenses/permissions that may from time to time be required to perform its obligations hereunder) valid throughout the term of this Agreement.

- f. The Vendor undertakes that its representative shall inspect the said E-waste before the said E-waste is collected from the institute/college Premises in order to verify that it is as per specification mentioned in the Annexure I.
- g. The Vendor hereby undertakes that it shall be responsibility of the Vendor for safe & secured transition of the E-waste collected from the College Premises to the destination of the Vendor.
- h. The Vendor further undertakes that the responsibility of safe & secured storage, segregation, recycling, extraction, destruction, disposal of the E-waste will be that of the Vendor as per the guidelines of the Central and relevant State Pollution Control Board and other authorities.

#### 3. Term

The duration of the Agreement shall be 5 years from the date hereof, unless it is terminated earlier as hereinafter provided. On the expiration of the said period, the Agreement shall stand terminated and may be renewed by the Parties with mutual consent at any time during the pendency of the agreement or even after.

#### 4. Termination

If any Party hereto commits breach of any terms of this agreement the other party will be entitled to give notice to the other party to rectify the breach within 7 days of the receipt of notice and if breach is not rectified then the party giving notice shall be entitled to terminate this Agreement

- a) This Agreement will also stand terminated if
- (i) either party goes into liquidation, voluntary or compulsory or (ii) either party feels that the continuance of the agreement is prejudicial to the business of the party for any reason, in such case this agreement can be terminated by either party by giving two months' notice in writing to the other party.
- (iii) Vendor breaches any of the terms, conditions and/or its obligations under the Agreement and the same if not rectified within 3 days to the satisfaction of the Company.

#### 6. Indemnity

Vendor undertakes to indemnify and keep institute/college fully indemnified, compensated and harmless at all times from and against any action, suits, claims, proceedings, damages, liability, losses, expenses or costs on account of any breach by Vendor of its obligations and responsibilities or breach of any term hereof or breach of any warranty or by reason violation of any present or future law, guideline, rule or regulation or on account of unauthorized acts, fraud, negligence, misconduct, misrepresentation, any act, omission, commission, deed or thing done by Vendor or its employees/ representatives or otherwise.

#### 7. Confidential Information

Vendor acknowledges and agrees that all it shall throughout the term of this Agreement and even thereafter ensure any information pertaining to the institute/college which is acquired by it in the course of acquiring the E-waste which is specified by the College as Confidential information (hereinafter "Confidential Information") is not to be used or permitted to be used in any manner incompatible or inconsistent with that authorized by the institute/college. It shall use such Confidential Information only for the purpose for which it was disclosed by the institute/college and shall not use or exploit such Confidential information for its own benefit or the benefit of

another; it shall protect the Confidential Information against disclosure to third parties in the same manner and with the same degree of care, but not less than a reasonable degree of care, with which it protects its confidential information of similar importance; and limit disclosure of Confidential Information received under this Agreement to persons within its organization who have a need to know such Confidential Information in the course of the performance of their duties for the purpose of this Agreement and who are bound to protect the confidentiality of such Confidential Information under a written agreement having terms similar to the terms hereof.

- 8 Governing Law and Dispute Resolution:
- a. This Agreement shall be governed by the laws of India and the Courts in Beed alone shall have jurisdiction.

#### 9. General

- a. Assignment: Neither this Agreement nor the performance of any obligation hereunder can be assigned, delegated or otherwise transferred by Vendor to any person without prior written consent of the College/institute.
- b. Entire understanding: This Agreement constitutes the entire agreement between the parties with respect to the subject matter hereof and supersedes all prior agreements between the parties, whether written or oral, relating to the same subject matter. No modification, amendment or supplement to this Agreement shall be effective for any purpose unless in writing, signed by each party.
- c. Waiver: The waiver of any term, condition, or provision of this Agreement by institute/college or Vendor must be in writing. No such waiver shall be construed as a waiver of any other term, condition, or provision except as provided in writing, nor as a waiver of any subsequent breach of the same term, condition, or provision.
- d. Notices: All notices under this Agreement shall be in writing, and shall be sufficiently communicated if delivered in person or by courier service, sent by facsimile (followed by the mailing of a hard copy by regular mail) or by registered mail, to the recipient at the following respective address of Parties. Notices shall be deemed to have been received if delivered in person, on the same day; if sent by facsimile, 24 hours after transmission; or if sent by registered mail, five (5) days after deposit into the mail system.
- e. Principal to Principal Agreement- The relationship of Parties established by this Agreement is that of independent contractors, and nothing in this Agreement shall be construed: (1) to give either party the power to direct or control the daily activities of the other party; (2) to constitute the parties as employer and employee, principal and agent, partners, joint ventures, co-owners or otherwise as participants In a joint undertaking; or (3) to allow either party to create or assume any obligation on behalf of the other party for any purpose whatsoever.
- f. Counterparts: The Agreement is executed in duplicate and one copy will be retained by the institute/college and the other by Vendor each of which shall be deemed an original, but both of which shall together constitute one and the same Instrument.
- g. Exclusive arrangement: The institute/college confirm that it will maintain this exclusive arrangement with Vendor during the period of continuity of this agreement for handling E-waste

generated at its present offices across India and new additions during the period of this agreement in force.

IN WITNESS WHEREOF, this MOI shall be executed by the Parties through a duly authorized representative and shall be effective as at the date of last signing.

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

Signed:

Name:

Principal

Shri Amolok Jain Vidya Prasarak Mandal's Designation: Shrina G Shrahtabai Kantilal Gandhi

Arts, Amolok Science, Panalal Hiralal

Date:.

Gandhi Commerce College Kada, Tal.Ashti, Dist.Beed

For Shree Computer, Kada

Signed:

Name:

Shree Computer's

Designation: DIRECTOR mangaon Road, Adhar Hospital Saishraddha Complex, Kada

Date:.

Mo.-9970992021

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

Signature:

Nama: M-

Mr. Karale N.G.

Designation: Asst. Prof.

Date:

30/09/2019

Witness to Shree Computer, Kada

Signature: Satyam

Name: Soutyam Bapy Pawar

Designation:.

Date: 3-109/2019



VENDOR SEAL

#### Annexure-I

### List of e-waste generated

DESKTOP	
LAPTOP	
MOBILE	A SECTION OF THE SECTION OF THE SECTION
<b>ELECTRONIC GADGETS</b>	
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॥ श्री चैतन्य स्वामी प्रसन्न ॥

## डाळींब पिक परिसंवाद

रविवार, दि.७ फेब्रुवारी २०२१ सकाळी १०.३० ते १.३० वाजता



मा.श्री बाबासाहेब गोरे (डाळींब रत्न पुरस्कार प्राप्त) श्री राजेंद्र सुपेकर (कृषि अधिकारी , आष्टी तालुका)

श्री अमोलक जैन विद्या प्रसारक मंडळ संचालित , गांधी महाविद्यालय कडा व ग्रामपंचायत, देवळाली (पानाची) यांच्या संयुक्त विद्यमाने आधुनीक शेती तंत्रज्ञान अंतर्गत 'डाळींब पिक परिसंवाद ' या विषयावर तज्ञांचे मार्गदर्शन होणार आहे.तरी गावातील व परिसरातील शेतकरयांनी उपस्थित राहुन या संधीचा लाभ घ्यावा .

### - आयोजक -

श्री अमोलक जैन विद्या प्रसारक मंडळ संचालित, गांधी महाविद्यालय कडा,ता.आष्टी, जि.बीड व ग्रामपंचायत देवळाली (पानाची) ता.आष्टी, जि.बीड

- कार्यक्रमाचे स्थळ -चैतन्य स्वामी मंदिरा समोर , देवळाली (पानाची )

टिप - कार्यक्रम वेळेवर सुरू होईल , सदरील कार्यक्रमा मध्ये अन्य सत्कार व भाषणे होणार नाहीत. तसेच कोव्हीड १९ च्या पार्श्वभूमीवर सामाजीक अंतर ठेउन आपली उपस्थिती नोंदवावी. कार्यक्रमास मास्क घालणे अनिवार्य आहे .



# दैवळालीत डाळिंब पिकाबाबत परिसंवादाद्वारे मार्गदर्शन

कहा : आधी तालुक्यातील कडा येथील श्री अमोलक जैन विद्या प्रसारक मंडळाचे गांधी महाविद्यालय व ग्रामपंचायत देवळाली (पानाची) यांच्या संयुक्त विद्यमाने डाळिब पीक परिसंवादात, महाराष्ट्र शासनाचा 'डाळिंब रत्न' पुरस्कारप्राप्त बाबासाहेब गोरे व आष्टी तालुका कृषी अधिकारी राजेंद्र सुपेकर यांचे मार्गदर्शन लाभले.

अध्यक्षस्थानी कांतीलाल चाणोदिया व विश्वस्त उपाध्यक्ष बाबूलाल भंडारी उपस्थित होते. प्राचार्य डॉ.एन.एस.राठी, उपप्राचार्य डॉ.जे. एम. भंडारी, पंचायत समिती सदस्य परमेश्वर शेळके, सरपंच बबनराव तळेकर उपस्थित होते. प्रास्ताविकात प्रा. डॉ. विशाल वैद्य यांनी सेंद्रिय शेती, गांडूळ खत प्रकल्प, सुधारित बियाणे तंत्रज्ञान, एकात्मिक कींड नियोजनाविषयी माहिती दिली. प्राचार्य डॉ.नंदकुमार



कडा येथील गांधी महाविद्यालयात बाबासाहेब गोरे यांनी मार्गदर्शन केले.

### मृदा, जल परीक्षण काळाची गरज

- यावेळी बाबासाहेब गोरे यांनी शास्त्रीय पद्धतीने डाळिंब पीक व्यवस्थापनावर मार्गदर्शन करून सेंद्रिय औषधांचे उपयोग सांगितले. तालुका कृषी अधिकारी राजेंद्र सुपेकर यानी शासनाच्या विविध कृषी योजनाची माहिती दिली.
- मृदा व जल परीक्षण काळाची गरज असल्याचे ते म्हणाले. बाबूलाल भंडारी यांनी श्री अमोलक जैन विद्या प्रसारक मंडळ येत्या तीन वर्षात शतक महोत्सवात पदार्पण करणारी जिल्ह्यातील एकमेव जैन अल्पसंख्याक संस्था असल्याचे सांगितले.

राठी यांनी वसुंधरा संवर्धन काळाची गरज या विषयावर मार्गदर्शन केले.

शेतक-यांचे स्वागत करण्यात आले. कार्यक्रमासाठी प्रा. डॉ. चंद्रशेखर यावेळी मास्क व गुलाब पुष्प देऊन तळेकर, प्रा. डॉ. रमेश आबदार, अशोक

खाडे, प्रा.गवळी एन.टी, प्रा.डॉ, जाधवर पी. बी., प्रा. हासे एस.आर व प्रा.डॉ. शिंदे एस.एम. यांनी परिश्रम घेतले.

सुत्रसंचालन प्रा. डॉ. सुदाम जाधव यांनी केले. सुनील खाडे यांनी आभार मानले. यावेळी महाविद्यालयाचे प्राध्यापक व शिक्षकेतर कर्मचारी व शेतकरी मोठ्या संख्येने उपस्थित होते. पर्यावरणपुरक महाविद्यालयाने अंगीकृत करण्यासाठी श्री अमोलक जैन विद्या प्रसारक मंडळाचे अध्यक्ष कांतीलाल चाणोदिया, विश्वस्त गोकुळदास मेहेर, कार्याध्यक्ष योगेशकुमार भंडारी, सचिव हेमंतकुमार पोखरणा, उपाध्यक्ष रमेशलाल गुगळे व अनिलकुमार झाडमुथ्था, मंत्री विपीनकुमार भंडारी, विनोद बलदोटा, कोषाध्यक्ष डॉ.उमेश गांधी, तसेच सर्व पदाधिकारी, सदस्य, विश्वस्त व कार्यकारी मंडळांनी प्रोत्साहन दिले.

Dalimb Peek Parisanvad for farmers at Deolali (P) (7/2/2021)



Dalimb Peek Parisanvad for Farmers at Deolali (P.) Chief Guest: Hon. Babasameh Gove (>12/2021)



Dalinh Perek Parisanvad for Farmers at Deulali (P) (7/2/2021)



## डाळींब पीक परिषद उपास्थिती

07/02/2021

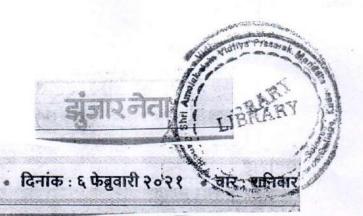
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	94)	96)	100	(00)					

Dalimb Pik Parishad (7/2/2021)



## रविवारी देवळाली येथे डाळींब पिकांवर परिसंवाद

कडा, दि.५ (प्रतिनिधी):- आधी तालुक्यातील देवळाली पानाची येथे रिववार दिनांक ७ फेब्रुवारी रोजी सकाळी दहा वाजतां डाळींब रल पुरस्कार प्राप्त बाबासाहेब गोरे यांचे डाळींब पिकांवर परिसंवादाचे आयोजन करण्यात आले आहे.

आष्टी तालुका हा दुष्काळी भाग आहे. या परिसरातील पाण्याचे प्रमाण अल्प आहे त्यामुळे कमी पाण्यावर आणि ठिबक पद्धतीने शेती करण्याकडे शेतकऱ्यांचा मोठा कल आहे. फळबाग लागवड मोठ्या प्रमाणात झालेली आहे. आष्टी तालुक्यातील देवळाली ग्रामपंचायत आणि कडा येथील गांधी महाविद्यालय यांच्या संयुक्त विद्यमाने परिसरातील शेतकऱ्यांसाठी या कार्यक्रमाचे आयोजन करण्यात आले आहे. आधुनिक शेती तंत्रज्ञान अंतर्गत डाळींब पिकाविषयी सविस्तर माहिती या परिसंवादात देण्यात येणार आहे. आष्टी तालुका कृषी अधिकारी राजेंद्र

उपस्थित होते.

#### रविवारी देवळाली येथे डाळींब पिकांवर

सुपेकर हे देखील यावेळी मार्गदर्शन करणार आहेत.

कोव्हीड १९ च्या पार्श्वभूमीवर सामाजिक आंतर ठेवुन हा कार्यक्रम होत आहे. प्रत्येकाने मास्क लावुन कार्यक्रमास उपस्थित रहावे.चैतन्य स्वामी मंदीराचे समोर होणाऱ्या कार्यक्रमास परिसरातील शेतकऱ्यांनी मोठ्या संख्येने उपस्थित राहावे असे आवाहन संयोजकांनी क्ले आहे.

अन्यक्तिन जानी जान के के क

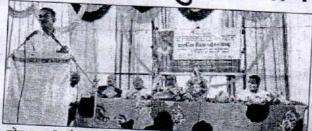
Dalimb Pik Parishad (2/2/2021)



## देवळाली (पानाची) येथे डाळींब पिक परिसंवादात बाबासाहेब गोरे, राजेंद्र सुपेकर यांचे मार्गदर्शन

कडा,दि.८(प्रतिनिधी): आष्टी तालुक्यातील देवळाली (पानाची) येथे डार्ळीव पिक परिसंवाद कार्यक्रम संपन्न झाला यामध्ये महाराष्ट्र शासनाचा 'डार्ळीव रत्न' पुरस्कार प्राप्त वाबासाहेब गोरे व आष्टी तालुका कृषी अधिकारी रार्जेंद्र सुपेकर यांचे मार्गदर्शन लाभले.

कडा येथील श्री. अमोलक जैन विद्या प्रसारक मंडळाचे गांधी महाविद्यालय व ग्रामपंचायत देवळाली (पानाची ) यांच्या संयुक्त विद्यमाने 'डाळींब पिक परिसंवाद या कार्यक्रमाचे आयोजन देवळाली येथे करण्यात आले. हा पर्यावरण पुरक उपक्रम महाविदयालयाने अंगीकृत करण्यासाठी श्री अमोलक जैन विदया प्रसारक मंडळाचे अध्यक्ष कांतीलाल चाणोदिया, विश्वस्त अध्यक्ष मांगुळदास मेहेर, कार्याध्यक्ष योगेशजुमार मंडारी, सचिव हेमतुमार पोखरणा, उपाध्यक्ष संशलाल गुगळे व अनिलकुमार झाडमुख्या ,मंत्री विपीनकुमार भंडारी, विनोद बलदोटा,



कोषाध्यक्ष डॉ. उमेश गांधी तसेच सर्व पदाधिकारी, सदस्य, विश्वस्त व कार्यकारी मंडळांनी प्रोत्साहन दिले . कार्यक्रमाच्या अध्यक्षस्थानी अमोलक संस्थेचे कांतीलाल चाणोदिया व विश्वस्त उपाध्यक्ष बाबुलाल भंडारी उपस्थित होते. कार्यक्रमासाठी महाविद्यालयाचे प्राचार्य डॉ.एन.एस.राठी, उपप्राचार्य डॉ.जे. एम. भंडारी, पंचायत समिती सदस्य परमेश्वरकाका शेळके, सरपंच बबनराव तळेकर उपस्थित होते.

यावेळी बाबासाहेत गोरे यांनी डाळींब पिक व्यवस्थापन हे शास्त्रीय पध्दतीने कसे करावे या विषयी विस्तृत मार्गदर्शन केले. या पिकाच्या वेगवेगळ्या अवस्थेमध्ये वापरण्यासाठी सेंद्रीय औषधांचे उपयोग सांगितले. तालुका कृषी अधिकारी राजेंद्र सुपेकर यांनी शासनाच्या विविध कृषि योजनांची माहिती देवून मृदा व जलपरिक्षण काळाची गरज असल्याचे सांगितले. बाबुलाल भंडारी यांनी श्री. अमोलक जैन विद्या प्रसारक मंडळ ही संस्था सन २०२४ मध्ये शतक महोत्सवात पदार्पण करणारी जिल्ह्यातील एकमेव जैन अल्पसंख्यांक संस्था असल्याचे सांगितले. कार्यक्रमाचे

प्रास्ताविक करतांना प्रा. डॉ. विशाल वैद्य यांनी सेंद्रीय शेती, गांडूळ खत प्रकल्प, सुधारित बियाणे तंत्रज्ञान, एकात्मिक कीड नियोजन याविषयी माहिती दिली. महाविद्यालयाचे प्राचार्य डॉ. नंदनुमार राठी यांनी अध्यक्षीय समारोप करतांना वसुंधरा संवर्धन काळाची गरज या विषयावर मोलाचे मार्गदर्शन केले तसेच सामाजिक अंतर महाविद्यालयाकडून शेतकऱ्यांना मास्क व गुलाब पुष्प देऊन स्वागत करण्यात आले. कार्यक्रम यशस्वीतेसाठी प्रा. डॉ. चंद्रशेखर तळेकर, प्रा. डॉ. रमेश आबदार, अशोक खाडे, प्रा. गवळी एन. टी, प्रा. डॉ. जाधवर पी. बी., प्रा. हासे एस. आर व प्रा. डॉ. शिंदे एस.एम. यानी परिश्रम घेतले. कार्यक्रमाचे सुत्रसंचलन प्रा. डॉ. सुदाम जाधव यांनी व उपस्थितांचे आभार सुनिल खाडे यांनी मानले, महाविद्यालयाचे प्राध्यापक व शिक्षकेतर कर्मचारी व पंचक्रोधीतील शेतकरी मोठया संख्येने उपस्थित होते.

Dalimb Pik Parishad (7/2/2021)

### 'गणेश मूर्ती' कार्यशाळा

गांधी महाविद्यालय कडा येथे राष्ट्रीय सेवा योजना आणि आपत्ती व्यवस्थापन या विभागाच्या वतीने पर्यावरण पूरक कार्यशाळा घेण्यात आली. आपल्या घरी येणारी गणेशाची मूर्ती ही पर्यावरण पूरक असावी हा या कार्यशाळेचा प्रमुख उद्देश होता. कार्यशाळेसाठी राष्ट्रीय सेवा योजनेच्या स्वयंसेवकांनी मूर्ती साठी आवश्यक असणारी चांगल्या प्रकारची माती उपलब्ध करून दिली. कॉमर्स विभागाच्या प्राध्यापक मीरा नाथ यांच्या मार्गदर्शनाखाली, राष्ट्रीय सेवा योजनेच्या कार्यक्रमाधिकारी डॉ. अरुणा कुलकर्णी, गणित विभागाच्या प्राध्यापक धनश्री मुनोत आणि विद्यार्थी-विद्यार्थिनींनी वेगवेगळ्या आकाराचे गणपती तयार केले. सर्व मूर्ती एक दिवस सुकण्यासाठी ठेवण्यात आल्या आणि नंतर तिला रंगकाम करण्यात आले. प्राचार्य डॉ. शिवराज पातळे, उपप्राचार्य डॉ. जे. एम. भंडारी तसेच सर्व प्राध्यापक वर्ग यांनी आकर्षक गणेश मुर्ती तयार करणाऱ्या विद्यार्थीनींचे कौतुक केले. गणेशोत्सवात याच मूर्तीची स्थापना करून पर्यावरणाचे संवर्धन करण्याचे विद्यार्थीना यावेळी आवाहन करण्यात आले.

डॉ. अरुणा कुलकर्णी कार्यक्रमअधिकारी राष्ट्रीय सेवा योजना.

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