




Shri Amolak Jain Vidya Prasarak Mandal's
**Smt. S. K. Gandhi Arts, Amolak Science &
P.H. Gandhi Commerce College, Kada,
Tal. Ashti. Dist. Beed. PIN- 414202**



Biodata

First Name	Ashishkumar	Middle Name	Prakash	Last Name	Katariya	
Designation	Assistant Professor					
Address	A/P – Kada, Tq – Ashti, Dist – Beed (M. S.) 414202					
Subject	Chemistry					
Date of Joining	October 16, 2012					
Academic Level	Level 11 (AGP - 7000)					
Phone Number Office						
Mobile Number	9673292233, 9309911944					
Email ID	26ashishk@gmail.com					
Date of Birth	August 26 1986					
Educational Qualifications						
Degree	Institutions				Years	
B. Sc.	New Arts, Commerce and Science College, Ahmednagar				2007	
M. Sc.	New Arts, Commerce and Science College, Ahmednagar				2009	
NET	CSIR - UGC				Dec 2009	
Career Profile						
1. Assistant Professor Smt. S. K. Gandhi Arts, Amolak Science & P. H. Gandhi Commerce College, Kada. From 16.Oct. 2012 to till Date						
Administrative Assignment						
1. Nodal Officer for NIRF. 2. Member of the AISHE Committee. 3. Member of the Planning Board. 4. Member of the Admission Committee. 5. Member of the Feedback Committee.						
Areas of Interest / Specialization						

Specialization

- Organic Chemistry

Areas of Interest

- Synthetic Organic Chemistry
- Green and Sustainable Chemistry

Subjects Taught

- Essential Organic, Inorganic & Physical Chemistry
- Undergraduate Practical Chemistry
- Organic Reaction Mechanism
- Retro Synthesis
- Binary Mixture Separation and Single Stage Synthesis.
- P. G. Research project Guidance

Training /Courses

Sr. No.	Name of the Course / Training	Place	Duration
1.	110 th Orientation Program	UGC-HRDC, Dr BAMU., Aurangabad.	03-08-2015 to 01.09.2015
2	Refresher Course in Disaster Management	UGC-HRDC, Dr BAMU., Aurangabad.	04-09-2018 to 26-09-2018
3.	Pre-Ph.D. Course in Chemistry	Dept. of Chemistry, Dr BAMU., Aurangabad.	28/03/2016 to 01/10/2016
4	FDP on Managing Online Classes and Co-Creating MOOC 2.0	TLC, Ramanujan College, New Delhi.	May 18 to June 3 2020
5	FDP on Open-Source Tools for Research	TLC, Ramanujan College, New Delhi.	June 08 to June 14 2020
6	FDP on Advanced Concepts for developing MOOCs	TLC, Ramanujan College, New Delhi.	July 02-July 17 2020
7	FDP on Developing Multimedia Enriched Powerful Presentations	Guru Angad Dev, TLC, Khalsa College, University of Delhi	11-16 August 2020
8	FDP on Development and Implementation of MOOCs	TLC, Ramanujan College, New Delhi.	21-27 October 2021
9	FDP on E-Learning and Developing MOOCs for teaching Process in Higher Education	TLC, Ramanujan College, New Delhi and Hindu College, Delhi	Dec 14 – 20, 2020.

Title of M.Phil./ Ph.D. Thesis

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Research Highlights

Paper Published – 13

Paper Presented in Conferences – 08

Conference, Seminar, Workshop Attended - 30				
Research Students Guided				
-				
Books Publications				
-				
-				
Publications				
	Sr. No.	Title With Page Nos.	Journals	ISSN /ISBN
	1.	Green Techniques in Organic Synthesis and its Advantages, Issue 3, Vol 3, pp 62-66	<i>Journal of Medicinal Chemistry and Drug Discovery</i>	ISSN: 2347-9027
	2.	A review on a Multicomponent reaction functioning through derivatization of carbonyl compound as a reactive intermediate, Volume VI, Special Issue, pp 338-344	<i>Aarhat Multidisciplinary International Education Journal</i> UGC Approved Journal No. 48178-48818	ISSN; 2278-5655
	3	Study of Freshwater Quality of Choba Nimgaon Lake by Physico-chemical Parameter. pp 303-308	<i>Electronic International Interdisciplinary Research Journal</i> UGC Approved Journal No. 48833	ISSN 2277-8721
	4	Silver Iodide: An Efficient Heterogeneous Catalyst for one pot synthesis of 2, 4, 5 Tri- Substituted Imidazole. pp 275 – 278	<i>International Journal of Universal Science and Technology</i>	ISSN 2454-7263
	5	Green and expeditious one pot synthesis of pyrano[2,3- c]pyrazole using potassium tert-butoxide catalyst in aqueous medium, IJGHC, June 2019 –August 2019; Sec. A; Vol.8, No.3, 790-797.	<i>International Journal of Green and Herbal Chemistry,</i> DOI: 10.24214/IJGHC/GC/8/3/79097.	E-ISSN: 2278-3229, Available online at www.ijghc.com
	6.	Amberlite IR-120 Catalyzed Green and Efficient One-Pot Synthesis of Benzylpyrazolyl Coumarin in Aqueous Medium, Volume 10, Issue 3, 2021, 2525 – 2534	<i>Letters in Applied Nano Bioscience</i>	https://doi.org/10.33263/LIANBS/103.25252534 , Scopus Listed.
	7	An Efficient and Green Synthesis of Tetrahydrobenzo[b]Pyran Derivatives Using [(EMIM)Ac] at Room Temperature., ChemistrySelect 2022, 7, e202104184 (1-6)	<i>ChemistrySelect</i>	Wiley online library, doi.org/10.1002/slct.202104184

8	Ionic Liquid Promoted Regio-Selective Synthesis of 2-methylamino-3-nitro-pyrano[3,2-c]chromen-5-ones	<i>ChemistrySelect</i>	Wiley online library, Doi:10.1002/slct. 202201295, 2022.
9	Ionic Liquid Catalyzed Green and Efficient Synthesis of pyrano[2,3c]pyrazole Derivatives	<i>Polycyclic Aromatic Compounds</i>	Taylor and Francis, Doi:10.1080/10406638. 2022.2077775
10	Unraveling the access to the regioselective synthesis of highly functionalized pyranopyrazoles using an ionic liquid catalyst.	<i>Molecular Diversity,</i> 2023	Springer, Doi: 10.1007/s11030-022- 10572-9
11	Nano-catalyzed synthesis of pyranopyrazole and pyridine scaffolds (Accepted Book Chapter)	<i>2023, Nanoparticles in Green Organic Synthesis</i>	Elsevier, Doi:10.1016/B978-0- 323-95921-6.00005-6
12	Rapid and Efficient Synthesis of 4-substituted 2-amino Thiazole Using Copper Silicate as a Heterogeneous Reusable Catalyst	<i>Letters in Applied NanoBioScience,</i>	AMG Transcend Association, Doi: 10.33263/LIANBS124. 159 AMG
13	Insights into 4,4'-Arylmethylene-Bis-1H-Pyrazol-5-Ols Scaffolds: Various Synthetic Routes and Their Applications	<i>Chemistryselect,</i>	Wiley online library, Doi: https://doi.org/10.1002/ slct.202204088
	Google Scholar : https://scholar.google.com/citations?user=yVBlkcAAAAAJ&hl=en Vidwan ID - https://vidwan.inflibnet.ac.in/profile/326410		

Conference Organization/ Presentations

Conference Organized

- ✚ Organizing Secretary of **Legal Awareness Program on Domestic Violence and dowry Harassment** sponsored by **National Commission for Women, Govt. of India**, New Delhi at S. K, Gandhi College, Kada.2020
- ✚ Organized and Conducted One Day Regional Level Workshop for students on **Recent Developments in Chemistry** on 23.09.2017.
- ✚ Organizing member and Treasurer of Two-Day Nation conference on **E-Content Development** at Gandhi College, Kada. 21& 22 September 2019
- ✚ Organized and conducted Power Point Presentation Competition on the topic "**Reduce, Recycle and Reuse for Science**" for students on National Science Day on February 26, 2019.

- ✚ Organized One Day District Level Workshop for students on Reduce, Recycle and Reuse on February 27, 2019.
- ✚ Organized **Welcome Function** for M.Sc.-I the students 2019-20 batch on 26.10.2019, Dr Ashok Gandhi was the Chief Guest.
- ✚ Organized and conducted a **social tour of PG Students** to Snehalaya, A home for the homeless, visit Snehankur, an Orphanage, and Matoshree Vruddhashram, an Old Age Home, at Ahmednagar, on 22.10.2019.
- ✚ Organized and Conducted National Webinar in Chemistry on the topic "Post Covid Challenges and Opportunities in Higher Studies in Chemistry" on June 3, 2020, participated by 177 participants.
- ✚ Organized and Conducted 5 Days National Level Workshop for students on "**Communication Skills, carrier Opportunities and Emotional Management**" from 22 to 26 February 2021.

Paper Presentations at Conference

- ✚ *"Role of Synthetic Chemistry in Crop Protection" in the National conference on **Redefining the role of Chemistry in era of modern science** held at KSK College, Beed.*
- ✚ *"Development of new routes for the synthesis of heterocyclic compound" at Avishkar -2016 held at Dr BAMU, Aurangabad.*
- ✚ *"Green techniques in organic synthesis and its advantages" in the national conference Chemistry Research with Responsibilities" held at Maulana Azad College, Aurangabad.*
- ✚ *"Determination of Metal-ligand stability constant of complexes pH-metrically in the national conference Bio-Inspired material in Science held at New Arts, Commerce and Science College, Aurangabad.*
- ✚ *"Facile, Rapid and One pot synthesis of Pyrano[2, 3c]pyrazole in Aquoxes medium" in the International Conference ENHCS – 2019 at Deogiri College, Aurangabad.*
- ✚ *"An efficient and green synthesis of tetrahydrobenzo[b]pyran derivative using [EMIM]Ac at room temperature" in the national conference Recent trends in chemical and physical sciences organized by Dadasaheb rawal College, Dhondicha.*
- ✚ *"Amberlite IR-120 Catalyzed Green and Efficient One-Pot Synthesis of Benzylpyrazolyl Coumarin in Aqueous Medium" in international conference Current scenario in chemical sciences organized by dept. of chemistry Moolji Jaitha College, Jalgaon.*
- ✚ *Paper Presentation in National Symposium entitled "Ambiphilic synthetic equivalent nitroketene N,S-*

<p><i>acetal: An influential elementary unit to access a library of highly functionalized heterocycles. Organized by dept. of Chemistry, Deogiri College, Auranagabad during 24 and 25 Feb. 2023.</i></p>
<p>Research Projects (Major Grants/Research Collaboration)</p>
<p>-</p>
<p>Awards and Distinctions</p>
<ul style="list-style-type: none"> ✚ Best Paper Presentation Award in International Conference Organized by Dept. of Chemistry, Moolji Jaitha College, Jalgaon. ✚ Delivered a lecture as a resource person in a national webinar on career opportunities in chemical and pharmaceutical industries after UG and PG. on February 24, 2021, at Adv. B. D. Hambarde College, ashti.
<p>Association With Professional Bodies</p>
<p>-</p>
<p>Consultancy</p>
<p>-</p>
<p>Other Activities</p>
<ul style="list-style-type: none"> ✚ YouTube Channel for Chemistry Lectures https://www.youtube.com/channel/UCiz5WE7zBuYH_mHcD4fYRjA

Signature