

Name: DR. MANOJ AMBADAS PANDE

Department: School of Chemical Sciences

Current Designation: Assistant Professor

Gender: Male

Specialization: Organic Chemistry

Educational details UG and above:

➤ *Doctor of Philosophy (Chemistry) (2005-2011)*

Topic of Research : Study of aromatic nitration and acylation reactions using environmentally benign solid acid catalysts.

Institute : Institute of Chemical Technology, Matunga, Mumbai.

Research Supervisor : Prof. Shrinivas D. Samant, Department of Chemistry, ICT, Mumbai

➤ *Master of Science (Organic Chemistry) (2002-2004)*

Institute : Vidyabharathi Mahavidyalaya, Camp, Amravati (MS)

Class : First Class (66.40%)

➤ *Bachelor of Science (Physics, Chemistry and Mathematics) (1999-2002)*

Institute : Brijlal Biyani Science College, Amravati (MS)

Class : First Class (71.73%)

Experience academic: Total Teaching Experience of 07 years as Head of Department and Assistant Professor on Permanent and Granted post and nearly 02 years of non granted experience at Engineering and PG (M.Sc.)

- Worked as Assistant Professor, M. J. College, Jalgaon from Academic 12th September 2019 to till date.
- Worked as **CAP Director for Examination of Autonomous College**, M.J.College, Jalgaon for Winter 2019 Examinations.



- Worked as Assistant Professor & **Head, Dept of Chemistry**, T.G. College, Ramtek from Academic year 2013-2014 to 12th September 2019.

Awards/Recognition:

- Received **Best Poster Award** at National Seminar on Natural Heritage & Biodiversity by UGC Sponsored Heritage Status to College-**Hislop College**, Nagpur 17 to 18 January, 2018
- Invited to participate as a **Speaker** at 14th EuroSciCon Conference on Chemistry Research 2018 at Hyatt Place, Amsterdam Airport, **Netherlands**.
- Received **First Prize in Teacher category** at TEQIP-II sponsored National conference in Chemical Sciences Tech. & environment; Dept. of Applied Science, UICT-NMU, Jalgaon January 30-31, 2017
- Successfully completed **Online Refresher Course in Chemistry for Higher Education Faculty** by SWAYAM-ARPIT Ministry HRD, Govt. of India with "B" Grade 2020.
- Successfully completed **Online Refresher Course in Chemistry for Higher Education Faculty** by SWAYAM-ARPIT Ministry HRD, Govt. of India with "B" Grade 2019.
- Successfully completed **Refresher Course in Basic Science** by UGC-HRDC BAMU-Aurangabad, with "A" Grade 2017.
- Successfully completed **Orientation Programme**, UGC-HRDC SGB-Amravati University, "A" grade 2015
- Participated in "**5th Science Conclave, A Congregation of Nobel Laureates & Eminent Scientists**" an MHRD-DST Govt. of India initiative at IIIT-Allahabad, December 08-14, 2012.
- Received "**Indian Chemical Society Award**" for paper presentation at Annual Convention Chemists 2009 held at VIT University, Vellore (Tamilnadu), December 2-6, 2009.
- Awarded "**Shri G. M. Abhyankar Research Presentation Award**" and "**Shri G. M. Abhyankars` Travel Assistance Award**" for oral presentation in the international conference on recent research trends in Chemical Science-2009 held at VIT-Vellore, December 2009.
- Received research fellowship from Government of India under Technical Education Quality Improvement Programme (TEQIP).

- Successfully completed “**General Course on Intellectual Property**” conducted by world intellectual property organization (**WIPO**).
- Successfully completed certificate course in “**Intellectual Property Rights and Information Technology in the Internet Age**” with **A +** grade conducted by Indian Law Institute, New Delhi.
- Awarded **2nd prize** in Seminar Competition in Chemistry sponsored by Amravati University Chemistry Teachers Association at undergraduate level.
- Awarded **1st rank** certificate for Science Exhibition at school level
- Successfully cleared national level exams in Hindi and Sanskrit with first class.

Research

Research Publication

1. Air quality Impacts on Anatomical and Biochemical Parameters Dr. K. Gajanan & Dr. Manoj Pande IOSR-JESTFT14 (2 IV) 2319-2399 2020 2319-2399
- 2 Fate of organochloro & other pesticide residues in soil & aquatic environment and their neuro-toxic effects. B. Madhava Rao, K. Gajanan, Manoj A. Pande Science Journal-2018 RTM-Nagpur University XIV 100-103 2018 ISSN-09726330
- 3 O-Acylation of Alcohols and Phenols under solvent free Conditions using Ionic liquids as efficient, mild, and environmentally benign catalyst Manoj A. Pande and K. Gajanan Sarma International Journal of Chemical and Natural Science 5 512-515 2017 ISSN: 2347-6672
- 4 O-acylation of alcohols and phenols under solvent free conditions using fuller's earth as a cheap, safe and environmentally benign catalyst Manoj A. Pande Journal of Applied Chemical Science International 7 2395-3713 (Online) 2016 ISSN No. : 2395-3705 (Print), 2395-3713 (Online)
- 5 The True Meaning of Life R. Singru, Sharma, Raut, Manoj Pande, V. Singru, Ekam Sat Smarika 84-88 2015
- 6 Zinc dust: easily available, cheap, reusable and highly efficient heterogeneous catalyst for Acetylation, Benzoylation and Chloroacetylation of alcohols. Dhananjay B. Patil, Pawan R. Kukreja, Kailas G. Joshi & Manoj A. Pande* A Compendium of Research Articles by Budding Researchers VOL - 5 (2014) 97-101 2014 ISBN-

7 Amberlyst-15 catalyzed acetylation of phenols and alcohols under solvent free conditions.

Manoj A. Pande & Shriniwas D. Samant Recyclable Catalysis 06-09 2012 ONLINE
ISSN: 2084-7629

8 Acylation of aromatic ethers using different carboxylic acid anhydrides as acylating agent in the presence of non-toxic non-corrosive resin Amberlyst 15 as a solid acid catalyst. Manoj A. Pande & Shriniwas D. Samant Synthetic Communications 41
754-761 2011 ISSN 0039-7911 (Print), 1532-2432 (Online)

9 Nitration of aromatic hydrocarbons and halobenzenes using NO_x catalyzed by solid acid catalysts Manoj A. Pande & Shriniwas D. Samant Synthetic Communications 40
3734-3738 2010 ISSN 0039-7911 (Print), 1532-2432 (Online)

Publication in Conference Proceeding:

10. Green Chemistry: It's role for pollution control & sustainable development & conservation of Biodiversity Dr. Manoj A. Pande National Seminar on Diversity of Environmental Allergens and its treat to Human Health Dept. of Bot., Micro., Zoo., & Chemistry, Taywade College, Koradi, Nagpur Research Directions 318-321 2019 Sp. Issue. ISSN 23521-5488.

11. Emmission from Cement Industries K. Gajanan Sarma, Manoj A. Pande Proceeding National Seminar on "The Emerging Trends in Basic Sciences" 30th Jan, 2018. Abasaheb Marathe Arts & New Commerce, Science College, Rajapur One day National Seminar on "The Emerging Trends in Basic Sciences". 30th Jan, 2018 42-44 2018 ISBN:978-81-927211-2-8

12. Extraction & Characterization of Silica from Rice Husk, D.D. Duryodhan, Y.V. Khedekar,

M. A. Pande, R. N. Singru International Multidisciplinary Conference on "Research Trends in Digital Era"

Bangkok, Thailand International Multidisciplinary Conference on "Research Trends in Digital Era" Sp.

Issue Feb. 2018 118-120 2018 ISBN 81-86152-162-6

13 Study of Compositional Analysis of Rice Husk and Rice Husk Ash D.D. Duryodhan, Y.V. Khedekar,

M. A. Pande, R. N. Singru International Multidisciplinary Conference on "Research Trends in Digital Era"

Bangkok, Thailand International Multidisciplinary Conference on "Research Trends in Digital Era" Special Issue February 2018 121-123 2018 ISBN 81-86152-162-6

14 Newly synthesized Terpolymer Resin phenyl salicylate-4,4' diaminodiphenyl ether-formaldehyde with characterization M. B. Dewase, R. N. Singru, M.I.M. Siddique, M. A. Pande International Multidisciplinary Conference on "Research Trends in Digital Era" Bangkok, Thailand International Multidisciplinary Conference on "Research Trends in Digital Era" Sp. Issue February 2018 128-132 2018 ISBN 81-86152-162-6

15 Eco-friendly application of 1-N-4-SAHDFR Resin in water purification. R. N. Singru, S. M. Sharma,

M.A. Pande, V. R. Raut, U. V. Deorankar, C. M. Singh International Multidisciplinary Conference on "Research Trends in Digital Era" Bangkok, Thailand International Multidisciplinary Conference on "Research Trends in Digital Era" Sp. Issue February 2018 145-151 2018 ISBN 81-86152-162-6

16. Mild, Safe, Less Hazardous and Efficient Method for the Synthesis of Polynitroaromatics from Nitroaromatics using Urea Nitrate as a Nitrating Agent M. A. Pande National Conference on Recent Advances in Chemical and Biotechnical Sciences 16 - 17 Feb 2018; University of Pune & Sci. College Sonai. International Journal of Chemical and Physical Sciences 7 Sp. IssuRACBS Feb 2018 63-66 ISSN:2319-6602

17 Environmentally Benign Process for Acylation of Arenes Using Carboxylic Acid anhydrides as Acylating Agents in Presence of Solid Acid Catalysts under Solvent-Free Condition Manoj A. Pande National Conference on Sustainable Chemistry: Frontiers & Challenges 2015 International Journal of Chemical and Physical Sciences 4 Sp. Issue NCSC Jan-2015 349-356 2015 ISSN:2319-6602

Conference paper presentation:

1. Design and Layout of Ideal Chemical Laboratory described in Ancient Indian Literature "Rasaratna Samuccaya" International Sanskrit E-Conference Govt. College of Arts & Science Aurangabad 29 to 30th June 2020 International
2. Sustainability: Solution from Ancient Indian Culture. Int. E Conf. Sustainable Development: A Biological and Socio economical Perspective. Govt. Vidarbha inst. Of Sci. & Humanity, Amravati.26 to 27th June 2020 International
3. Air quality and its impacts on surrounding Vegetation. Recent Trends in Biosciences and Env. Sci.(RTBES-2020) Dept. of Botany & Zoology, M. J. College Jalgaon 16-17th January 2020 National
4. Phosphate ionchitosan composite New dimensions in Chemistry & Chemistry Education and NCCT-2019 Dept. of Chemistry, SGB-Amravati University & ACT-TIFR Mumbai 5 to 7th December2019 National
- 5 Green Chemistry: Its role for pollution control and sustainable development & conservation of Biodiversity. National Seminar on Diversity of Environmental Allergens and its threat to Human Health Dept. of Bot.,Micro.,Zoo.,& Chemistry, Taywade College, Koradi, Nagpur 9th Feb. 2019 National
- 6 Ionic liquids: Greener reagent for the Nitration of Phenols & O-acylation reaction. International Conference on Energy & Environmental Challenges Dept. of Chemistry, VNIT-Nagpur & TIFR-Mumbai 18-19th Jan. 2019 International
- 7 Chemistry Laboratory in Ancient India from Rasaratna-Samuccaya National Conference on Indian Heritage in Chemistry (IHC 2018) UGC & IGNOU & Hislop College, Nagpur March 27, 2018 National
- 8 Application of Carbon Based NanoMaterials International Conference on Energy & Environmental Challenges Dept. of Chemistry, VNIT-Nagpur & TIFR-Mumbai 18-19th Jan.2019 International
- 9 Exploring the Chemistry in Ancient India from Rasaratna-Samuccaya Two days National Symposium on " Tradition for Innovation towards better future" KKSUniversity & Research for Resurgence Foundation, Nagpur 22 to 23 June, 2018 National
- 10 Green Chemistry an essential tool for pollution control and conservation of Biodiversity. National Seminar on Natural Heritage & Biodiversity UGC sponsored

Heritage Status to College-Hislop College, Nagpur 17 to 18 January, 2018

National **Best Poster Award**

11 Mild, safe, less hazardous and efficient method for the synthesis of Polynitroaromatics from Nitroaromatics using Urea Nitrate as a Nitrating agent

National Conference on Recent Advances in Chemical & Biochemical Sciences (RACBS-2018) S.P.-Pune University & Dept of Chemistry, Science College, Sonai
16-17th February 2018 National

12 Emission from Cement Industries One Day National Seminar on Emerging Trends in Basic Sciences Abasaheb Marathe Arts & New Commerce, Science College, Rajapur 30th January, 2018 National

13 Mild, safe, less hazardous and efficient method for the synthesis of Polynitroaromatics from Nitroaromatics using Urea Nitrate as a Nitrating agent

National Conference on Recent Advances in Chemical & Biochemical Sciences SP-Pune University & Arts, Commerce & Science College, Sonai, Ahmednagar 16 to 17 February 2018 National

14 Contributed in three Research articles International Trends in Digital Era, Bangkok, Thailand Arts, Comm. & Sci. College Oras, Sindhudurga, Shivaji college of Education, Amravati, TGM-Ramtek 12th Feb. 2018 International

15 Study of thermal degradation and kinetic applications of new terpolymer resin TEQIP-II sponsored National conference in Chemical Sciences Tech. & environment Dept. of Applied Science, UICT-NMU, Jalgaon January 30-31 2017 National **1st Prize in Teacher Category**

16 Green Polymer Chemistry Recent Advances in Polymer Technology RAPT-2017 UICT-Jalgaon January 27-28, 2017 National

17 O-Acylation of Alcohols and Phenols under solvent free Conditions using Ionic liquids as efficient, mild, and environmentally benign catalyst National Poster symposium Royal Society of Chemistry & University College for Woman 2nd December 2016 National

18 Environmentally Benign Process for Acylation of Arenes Using Carboxylic Acid anhydrides as Acylating Agents in Presence of Solid Acid Catalysts under Solvent-Free Condition National Conference on Sustainable Chemistry: Frontiers & Challenges (Poster) Brijlal Biyani Science College Amravati 30-31st

January 2015 National

19 The True Meaning of Life UGC Sponsored National Conference “ Management Propositions in Shrimadbhagvadgitta’-Its Present Relevance Dept. of Commerce, R. S. Mundle Dharampeth Arts & Commerce College, Nagpur 14th & 15th February, 2015 National

20 Zinc dust: easily available, cheap, reusable and highly efficient heterogeneous catalyst for Acetylation, Benzoylation and Chloroacetylation of alcohols UGC-SAP Sponsored National Conference on Advances in Synthetic and Materials Chemistry (Oral) Dept. of Chemistry, University of Mumbai March 10-11, 2014 National

21 Presented Ph.D. research work “22nd Research Scholars’ Meet-2010” (Oral) Department of Chemistry, Sathaye college, Mumbai and Indian Chemical Society 19th and 20th February 2010 University Level

22 Nitration of aromatic compounds using NO_x catalyzed by solid acid catalyst. UGC-SAP Sponsored National Conference on Chemistry of Materials (Oral) Department of Chemistry, University of Mumbai 20-21 February 2009 National

23 Acylation of Aromatic ethers using carboxylic acid anhydrides as acylating agent in the presence of Amberlyst 15 as a solid acid catalyst 46th Annual Convention of Chemists 2009 and International Conference on Recent Research Trends in Chemical Sciences. (Oral) VIT University, Vellore (Tamilnadu) 2-6 December 2009 International Received Indian Chemical Society Award

Conference/Seminars/ workshops/Training Programme/Participated Total-51

Sr No	Title Workshop/Training Programme	Organized by	Date	Whether International/ National/ State /regional/ College or University level
1	Online workshop on introduction to Research based Pedagogical Tools(RBPTs)	IISER Pune & Govt of India PMMMNMTT, MHRD, New Delhi, Wilson college	18 th to 23 rd May 2020	National

		Mumbai		
2	Int. E-Conference on Strategies and Challenges in Higher Education during COVID-19 Lockdown period in India wrt World	Govt. of Maharashtra-GVISH, Amravati	15 th to 17 th May 2020	International
3	One week FDP on Jmol Application	Bajaj College of Science, Wardha-& Govt of India PMMMNMTT, MHRD, New Delhi. Spoken tutorial IIT-Bombay	8 th May to 14 th May 2020	National
4	DOZN 2.0- a quantitative green chemistry evaluator chemistry world webinars	Chemistry World MERCK	15 th May 2020	International
5	Five days online FDP on	SFDC & Govt of India PMMMNMTT, MHRD, New Delhi.	18 th to 23 April 2020	National
6	E-Conference on : Research in Interdisciplinary Studies	Govt. of Maharashtra College of Education Akola	09 th June 2020	National
7	FDP-Webinar on Challenges and Opportunities in Higher Education in India for the 21 st Century.	GADTLC-Khalasa College & Govt of India PMMMNMTT, MHRD, New Delhi.	8 th May 2020	National
8	FDP-webinar towards excellence in higher education in India in the 21 st Century Challenges and Opportunities.	GADTLC-Khalasa College & Govt of India PMMMNMTT, MHRD, New Delhi.	1 st May 2020	National
9	6 days Online workshop on Effective Teaching tools to teach millennial learners			
10	Online Workshop on “ Modalities of NAAC process to enhance quality parameters in HEI	Bajaj College of Science, Wardha & SPD RUSA Maharashtra	13 th June 2020	National
11	Online Short Term course on “ LATEX for Everyone”	D.Y. Patil University. Nerul	18 th to 20 th June 2020	
12	One week online FDP on “ Modern Teaching, Evaluation & Research Methods”	V.P. Mahavidyalaya, Vaijapur A’bad.	2 nd to 07 th June 2020	National
13	National Web conference on Writing Research Papers :an Art	BNN College Bhiwandi	18 th June 2020	National
14	5 day webinar series on “Parivartan Changing Scenario in Science education & Psychology-Combined Approach	Govt. Science College, Veraval Gujarat	27 th May to 31 st May	National
15	International Webinar	Sir Syed College,	26 th May	International

	DOCTRINA-05	Taliparamba, Keral	2020	
16	One week FDP on “ Advanced topics in Chemical Sciences”	NGM college Pollachi TN	15 th May to 21 st May 2020	National
17	Int. Webinar on English for Digital fluency in Post pandemic era	ST. Aloysiu’s College, Jabalpur MP.	24 th May 2020	International
18	National webinar on “ New Horizons in Sustainable polymers, Organic Synthesis, Green Chemistry & Lab. Safety”	Ghogary Science College Dhule	23 rd to 24 th May 2020	National
19	Participated in two week FDP on - Managing online classes and creating MOOCs.	Ramanujan College, New Delhi Govt of India PMMMNMTT, MHRD, New Delhi.	20 th April to 6 th May	National
20	Workshop on ‘Effective Teaching Tools to teach millennial Learners”	K.J. Somayya College, Mumbai	27 th April to 02 nd May 2020	
21	ONE DAY NATIONAL WEBINAR ON EFFECTIVE WAYS TO DEVELOP E-CONTENT	DMC College Sivassa and Knowledge Bridge Ahmednagar	9 th May 2020	National
22	Online state level seminar on “ Teaching using Google Classroom”	Govt. of maharashtra-Inst. C Science, Nagpur	29 th April 2020	State
23	Webinar on Indian filing and International Filing procedures (Patent, Trademark and Copyright)	Brainiac IP solution	April 2020	National
24	Webinar on New Horizons on E-learning in Higher Education	SGPA Science College Sak	14 to 15 th May 2020	National
25	Webinar on How to write a Quality Technical Paper	SNDT Women’s University Mumbai	14 th April 2020	National
26	One day workshop on e-content development and IPR”	Joint Director, Konkan region Govt. of Maharashtra & Mehta Sci.College, Palghar	27 th April 2020	National
27	Syllabus Restructuring Workshop for TY B.Sc. Chemistry	Dr. AGD Bendale Mahila Mahavidyalaya, Jalgaon	25 th February 2020	University
28	Challenges in intellectual property rights & patent system	School of Chem. Sci. M. J. College, Jalgaon	26 th February 2020 (part time)	University
29	Training and Safety in Chem.,Clinical, & Ind. Lab. (as a	School of Chem. Sci. M. J. College, Jalgaon	11 th January 2020	University

	organizer)			
30	Hands-on Training on Laboratory Equipments	Dharampeth Sci, College-Nagpur & Equiptronics-Mumbai	2 nd & 3 rd August 2017	National
31	Online Refresher Course in Chemistry for Higher Education Faculty	SWAYAM-ARPIT Course Govt. of India	November 2018 to 28 th February 2019.	National
32	IIT-Indore-RSC-symposium on Advances in Chemical Science	RSC & IIT-Indore	30 th January 2018	National
33	Workshop on Sericulture & Apiculture	CSBR- RTM-Nagpur University & TGM-Ramtek	13 th March 2018	National
34	National Seminar on Conservation of Env.& Biodiversity	N.D. Patil Mahavidya. Malkapur	17 th March 2018	National
35	Refresher Course in Basic Science	UGC-HRDC-BAMU-Aura'bad uni.	03 to 22 July 2017	National Grade:A
36	Workshop on " Teacher in U"	G.H. Rasoni Career Foundation & Global Education Limited	18 February 2017	College
37	Interdisciplinary National Seminar on Dr. Babasaheb Ambedkar's Contribution in the Empowerment of India	Sant Gadge Maharaj Mahavidyalaya, Hingana	23 rd September 2017	University
38	Syllabus Oriented Lecture series	RTM-Nag.Uni. Chem. Teachers association	12 th April 2016	University
39	Participated in " NAAC Awareness Workshop for Non-accredited Colleges"	RTM-Nagpur University	31 st March 2015	University
40	Discussion on Restructuring of U Syllabus	M. P. Deo Memorial Science College, Nagpur	11 th October 2015	University
41	National Conference on Management Propositions	UGC & Dhaampeth College Ramtek	14-15 th 2015	
42	International Conference on Education in Chemistry (ICEC-2014)	HBCSE-TIFR	12 to 14, Dec 2014	International
43	4 th National Conference on Research Avenues and Advances in Biotechnology	M. J. College & PGCSTR College, Jalgaon	30-31 th January 2015	National
44	Introduction to Research Methodology	IIT Bombay in collaboration with Vidyapratishthan, Baramati	25 th June to 4 th July, 2012	National

45	Innovations in Science Teaching (Summer School)	NITTTTR Bhopal, Ext. Centre Pune	21- 25 May 2012	National
46	Participated in 5 th Science Conclave/Inspire Internship Programme	MHRD-DST, IIIT-A	December 08-14, 2012	International
47	course on Laboratory Safety	Department of Chemistry, ICT, Mumbai.	January 09 10, 2009	University
48	“General Course on Intellectual Property”	WIPO	1 st March- 15 th Apr-20	International
49	certificate course in “Intellectual Property Rights and Information Technology in the Internet Age” with A + grade	Indian Law Institute, New Delhi.	17 th August to 17 th November 2009	National
50	Participated in seminar on “Green chemistry for Indian chemical industry”	Department of Chemistry, ICT, Mumbai.	March 20-2 2008	National
51	National Conference on Rational Design of Potential Drugs	Ramnarain Ruia College, Mumbai.	7 th & 8 th November 2008	National

Invited talk/Guest Lecture

Invited Lectures and Chairmanships at National/ international/University/College level conference/ seminar etc

Sr. No.	Title of Lecture/Academic session	Title of Conference / Seminar etc	Organized by	Whether International / national/University/College
1	Invited Speech on Stress Management	College NSS Camp 2019	NSS Camp Chichada, Ramtek	College Level
2	Invited Speech for farewell of 12 th & 10 th Std students	Farewell Programme 2019	Shriram Vidyalaya, Ramtek	College Level
3	Invited Speaker	14 th EuroSciCon Conference on Chemistry Research 2018	December 10-11, 2018 at Hyatt Place, Amsterdam Airport,	International

			Netherlands.	
4	Invited Speech on Vyasan Mukti	College NSS Camp 2017	NSS Camp Chichada, Ramtek	College level
5	Invited Speech on "Vyasanadhinata ani ajacha Tarun"	College NSS Camp 2016	NSS Camp at Bhilewada, Ramtek	College level
6	Invited Speech on "Vidyathyanche Ramdas"	4 th October 2016 on the Occasion of Dasnavami	ShriRam Vidyalaya Ramtek	College Level
7	Science Research as Their Career	Marathi Vidyan Parishadand ICT-Mumbai	Yavatmal District	National
8	Volunteer/Demonstrator	Laboratory safety, 09-10,2009	Dept. of Chemistry, ICT Mumbai	University Level
9	Volunteer /Instructor	Work shop Chemflavour, 22 nd -24 th 2009	Dept. of Chemistry, ICT Mumbai	University Level

Responsibilities shouldered

Academic & Administrative Experience

- Total Teaching Experience of **07 years as Permanent and Granted post** and nearly 02 years of non granted experience at Engineering and PG (M.Sc.)
- Worked as Assistant Professor, M. J. College, Jalgaon from Academic 12th September 2019 to till date.

- Worked as **CAP Director for Examination of Autonomous College**, M.J.College, Jalgaon.
- Worked as Assistant Professor & **Head, Dept of Chemistry**, T.G. College, Ramtek from Academic year 2013-2014 to 12th September 2019.
- Working as College Coordinator/Local Coordinator for **CONCEPT TEST IN CHEMISTRY** organized by ACT-HBCSE-TIFR-Mumbai from 2016 to till date 2020.
- Research coordinator at M. J. College Jalgaon and actively involved in making research group from different areas like Chemistry, Life science, Environmental Science etc.
- Project guide for post graduate student for their university examination project.
- External/Internal Examiner for M.Sc. University examination of NMU
- External/Internal Examiner for B.Sc. & B.E. University examination of RTM-Nagpur University
- Worked as **Chief Supervisor** for conducting RTM-Nagpur University Theory Examination Summer-2017 & Winter-2017.
- Working as **Editor In Chief** of College Magazine “Aasmant” from 2016 to 2019 at TG College, Ramtek.
- In Charge of College theory & Practical examination from 2014 to 2019 at TG College, Ramtek.
- In Charge of Research committee & yearly publication, presentations from 2014 2019 at TG College, Ramtek.
- In Charge of College Time Table from 2014 to 2019 at TG College, Ramtek.
- In Charge of Competitive Exam Forum from 2014 to 2019 at TG College, Ramtek.
- Appointed as Internal Supervisor for RTM-Nagpur University Theory Examination at KIT’s Ramtek-Summer-2019
- In charge of Tree plantation committee from 2014 to 2019 at TG College, Ramtek.
- **Certificate Course coordinator** for Certificate Course in Green Chemistry & Sustainability approved by RTM-Nagpur University from 2018-2019 at TG College, Ramtek.

Participation in extracurricular activity

- ❖ Worked as College Ambassador for preparing electoral list and to extend electoral literacy to first time voter from young students from 2017 to 2019 at TG College, Ramtek.
- ❖ Actively involved in Organization of Blood Donation Camp at College and also donated Blood in the camp every year from year 2016 to 2019 at TG College, Ramtek.
- ❖ Actively involved in organization of Science Quiz, Seminars, Guest Lectures at Department.
- ❖ Incharge of Tree plantation committee.
- ❖ Member of various committees like Library, NSS, Sports, Admission, Cultural etc.
- ❖ Worked as a member of organizing committee for National Conference on **“Recent Advances in Agrobiotechnology for Sustainable Agricultural Practices”** M. J. College, Jalgaon; 5-6 February 2013.
- ❖ Worked as a member of organizing committee for 46th annual conference, organized by AMTI in collaboration with Vidya Pratishthan; 27-29 December 2011.
- ❖ Delivered lectures in the rural part of India, (District: Yavatmal State: Maharashtra) in local language to the school students on the topic **“Opportunities and Benefits of Research in Science”**, for encouraging them to pursue Research in Science, in collaboration with **‘Marathi Vidnyan Parishad’**
- ❖ Worked as a volunteer for the workshop **“ChemFlavour-09”** for High School Students, organized by Department of Chemistry, ICT, Mumbai.
- ❖ Worked as a volunteer for a course on **Laboratory Safety**, organized by Department of Chemistry, ICT, Mumbai

Others to mention

MEMBER OF LEARNED SOCIETIES:

1. Life member, Indian Science Congress Association, Kolkata. L37725
2. Life Member, Association of Chemistry Teachers, HBCSE, Mumbai (LM No. 1588).
3. Life Member, Association of Chemistry Teachers, KBC-NMU, Jalgaon (LM No. 13).
3. Life Member of UDCT Alumni Association (UAA) ICT-Mu

4. Life member, Association of RTM-Nagpur University Chemistry Teachers (LM No. 143)

Contact details

Address for correspondence:

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KCE's Moolji Jaitha College, Jalgaon.
pandemanoj82@rediffmail.com
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425001, MS

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