

CURRICULUM VITAE

DR. MILIND KASHINATH PATEL



A)

Personal Information

Date of Birth : 23rd March 1964
Sex : Male
Marital Status : Married
Languages Known : English, Hindi, Marathi, Gujrathi

Correspondence Address

Dept. of Chemistry, PSGVP Mandal's
Arts, Sci & Comm College, SHAHADA
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40, Bramhashrushti Colony, Old Mohida
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Academic Profile

Examination Passed	University	Subject	Class	Year of Passing
Ph.D.	NMU	Chemistry	A	2015
M.Phil	NMU	Chemistry	A	1997
M.Sc.	Pune	Organic Chemistry	First	1988
B.Sc.	Pune	Chemistry	First	1986

Ph.D. THESIS TITLE

“Phytochemical and Microbial studies of *Abutilon indicum* leaves (Family -Malvaceae”.)

M.Phil. THESIS TITLE

“Synthesis of flavonoids and study of their reactions”

B)

Professional Profile

☞ **Teaching Experience : UG level – 33 years, PG level – 33 years**

Organization Name	Designation	From Date	To Date
PSGVPM'S ASC College Shahada 425409 (MS)	Lecturer	27/11/1989	31/08/1998

Sangameshwar College, Solapur.	Lecturer Senior Grade	01/09/1998	15.09.2004
PSGVPM'S ASC College Shahada 425409 (MS)	Lecturer (Selection Grade)	01/07/2001	31/12/2005
PSGVPM'S ASC College Shahada 425409 (MS)	Associate Professor	01/01/2006	Till date

ACADEMIC AND ADMINISTRATIVE RESPONSIBILITIES

- Vice Principal, PSGVPM'S ASC College, Shahada since 1st August 2017.
- Member Secretary, College Development Committee.
- IQAC, Coordinator.
- Coordinator, RUSA, Mumbai
- Coordinator, NAAC Steering committee (3rd cycle-2017).
- Coordinator, UGC committee
- Coordinator, CPE and BSR Committee.
- Member, DBT committee.
- Vice President, Chemistry Teachers Association, KBCNMU.
- Recognized Research Guide in **Chemistry** at KBCNMU, Jalgaon.
- I/C Head, Dept. of Biotechnology , 2014-16
- I/C Head, Dept. of Mathematics and statistics ,2017 onwards
- Member, Accreditation Committee of PSGVP Mandal.
- Co-ordinator, ARC centre for M.Sc Centralized Admission By NMU, Jalgaon since 2012
- Co-ordinator, University level Yuvarang organized at PSGVPM College, Shahada in 2020
- Worked as Chairman, College Teachers and Non- Teaching Credit Society.
- Syllabus Committee Member for B.Sc, M.Sc. (Chemistry)
- Chairman, Board of Setters and Examiners for M.Sc. Organic Chemistry, KBCNMU, Jalgaon for last 10 years.
- Recognized Research Guide of JJTU University, Rajasthan.

Professional Training/Courses attended

Name of the Course	Place	Duration	Sponsoring Agency
Orientation Course	Devi Ahilya University ,Indore	24-02-1992 to 17-03-1992	UGC
Refresher Course	Devi Ahilya University ,Indore	06-02-1995 to 25-02-1995	UGC
Refresher Course	Dr B.A.M. University, Aurangabad	04-09-2000 to 30-09-2000	UGC
Refresher Course	Dr B.A.M. University, Aurangabad	04-06-2002 to 25-06-2002	UGC
Orientation Course	Ahmednagar College, Ahmednagar		Ministry of Youth Affairs

CONFERENCES/WORKSHOP/SEMINAR

★ Organized = 18

1. **Organizing Secretary**, UGC sponsored State Level Seminar on “Recent Advances in Organic Synthetic Reagents (RAIOSR-2007) at P.S.G.V.P.M's Arts, Commerce and Science College, Shahada on 20-21st Feb. 2007.
2. **Convener**, NMU sponsored “NET/SET workshop in Mathematical Sciences”, at PSGVPM's ASC College, Shahada on 4th February 2018.

3. **Coordinator**, Quiz Competition for “Talent Search in Mathematics” at PSGVPM’s ASC College, Shahada on 8th Sept. 2018.
4. **Coordinator**, NMU sponsored Workshop on “Implementation of CBCS Syllabus at UG level “at PSGVPM’s ASC College, Shahada on 26th October 2018.
5. **Convener**, National Level Conference ‘Recent trends in Novel Methods in Synthetic Chemistry (RTNMSC-2019) at P.S.G.V.P.M’s Arts, Commerce and Science College, Shahada on 20-21st Feb. 2019.
6. **Org. Committee Member**, Bal Vigyan Mela For Tribal Children , Jointly Organized by KBCNMU Under CADP and Vigyan Prasar New Delhi, on 23- 24th September 2019.
7. **Coordinator**, Intercollegiate Youth Festival at P.S.G.V.P.M’s Arts, Commerce and Science College, Shahada on 16-20th Jan.2020.
8. **Convener**, National Level Online Conference ‘Role of IQAC in NAAC Process at P.S.G.V.P.M’s Arts, Commerce and Science College, Shahada on 22nd May. 2020.
9. **Chairman**, TYBSc. Curriculum Designing Workshop for CH-509,609 at P.S.G.V.P.M’s Arts, Commerce and Science College, Shahada on 10th Feb.2020.
10. **Org. Secretary**, National Workshop on “Prep of IIT-JAM Exam in Maths at P.S.G.V.P.M’s Arts, Commerce and Science College, Shahada on 27-31st Jan 21.
11. **Coordinator**, e-Seminar on “IPR”at P.S.G.V.P.M’s Arts, Commerce and Science College, Shahada on 11th Feb 21.
12. **Convener**, National e-conference on “Impact of Library as Learning Resources” at P.S.G.V.P.M’s Arts, Commerce and Science College, Shahada on 23th Feb. 2021.
13. **Convenor**, Curriculum Designing for M.Sc. Part I at P.S.G.V.P.M’s Arts, Commerce and Science College, Shahada on 24th May 2021.
14. **Org. Committee Member**, National Workshop on “Bio-entrepreneurship”at P.S.G.V.P.M’s Arts, Commerce and Science College, Shahada on 27/7/21
15. **Org. Secretary**, National Online Mathematics Day at P.S.G.V.P.M’s Arts, Commerce and Science College, Shahada on 22nd Dec. 2021.
16. **Advisory Committee Member** for National e-Conference on “Human relations in Literature and Society” at P.S.G.V.P.M’s Arts, Commerce & Science College, Shahada on 11th Feb. 22
17. **Advisory Committee Member** for International e-Seminar on “Education, Culture and Literature today” held on 30th March 2022.
18. **Org. Committee Member**, Intercollegiate Youth Festival at P.S.G.V.P.M’s Arts, Commerce and Science College, Shahada on 19-23rd April 2022.

★ Presentations in Conferences = 25

1. **2022**, Poster Presentation on “Approaches and Applications of Azomethine Schiff Base Ligands and its metal Complexes: A Review” in National Conference on Recent trends in Green Chemistry & Nanotechnology at UICT, KBCNMU, Jalgaon on 8th March 2022.
2. **2022**, Resource person and Evaluator for Poster Presentation Session in Workshop on “Research methodology Workshop and Poster presentation Competition” at PSGVPM’s College of Pharmacy, Shahada on 25th Feb. 2022.
3. **2021**, Invited Lecture on “Skills and Career Trends in Post COVID- 19 Scenario” in Online Webinar on “Industry -Specific Challenges, Job Skills and Career Trends in Post COVID 19 Scenario” at S. T. Co-op. Edu. Society’s Science Sr. College, Shahada on 4th July 2021.
4. **2020**, Lecture on “Job skills & Career trends in Industry- Specific challenges in Post COVID 19 ” in National Webinar “Opportunities in Chemical Sciences post Covid- 19 Scenario” Smt. G.G.

Khadse College, Muktainagar, on Aug. 26, 2020

5. **2020**, Invited Lecture on "Tools for Online Teaching" in National Workshop on "e-learning for students" at SPDM College, Shirpur, on 16th Aug. 2020.
6. **2020**, Invited Lecture on "Trends in Spectroscopic Analysis" in National Webinar on "Advances in Spectral Analysis Nanotechnology for Chemical and Physical Sciences at BPCS's DDNB College Bhusawal on 2nd July 2020.
7. **2019**, "Novel Methods in Synthesis of Schiff's Bases" at National Conference on "Recent Trends in Novel Methods in Synthetic Chemistry" at PSGVP M's ASC College, Shahada on 22nd Feb. 2019.
8. **2019**. Session Chairman & Oral paper" Phytochemical analysis of some selected Medicinal Plants in Nandurbar District" presented in National Conference on "Green Synthesis of Nanomaterials and their Applications" at GTP College, Nandurbar on 12th Feb. 2019.
9. **2017**. Session Chairman, National Conference on "Current and Emerging trends in Green Chemistry" held at RC Patel College, Shirpur on 18-19th Jan. 2017.
10. **2017**. Green Approach of Synthesis of N-aryl succinimide using solid support SBBC Session Chairman, National Conference on "Recent trends in Chemistry and Environment" held at Dadasaheb Bhole College, Bhusawal on 5th Dec. 2017.
11. **2017**. "Microbial and Phytochemical investigation of *Abutilon indicum*"- International Conference on Nanotechnology: Addressing the convergence of Material Science, Biotechnology and Medical Science (IC-NACMBM-2017) at Centre for Interdisciplinary Research D.Y. Patil University, Kolhapur 9-11th Nov. 2017
12. **2016**. "A Novel method- CdS Thin film by SILAR method"- National Conference on "Chemical Synthesis of Nanomaterials and their Applications in Environment" at GTP College, Nandurbar on 8-9th Feb. 2016
13. **2016**. 'Structure Interpretation of Organic Compounds' National Conference on Spectroscopy at RC Patel Institute of Pharma Education and Research, Shirpur on 24th Sep. 2016.
14. **2016** "Synthesis and Antimicrobial evaluation of biologically active Anils synthesized from different Halo vinyl aldehydes of sub cyclic imides"- 4th International Congress Digitization in Research for Cultural, Commercial & Scientific Development at Hutatma Rajguru College, Pune on 8-9th Dec. 2016
15. **2015**. "Integrated Approaches for health in Ayurveda" - National Seminar on "Herbal Cosmetics-A safe effective Approach" at College of Pharmacy, Shahada on 3rd Oct. 2015.
16. **2015**. "Review on Pharmacological Properties of *Abutilon indicum*" -National Symposium at Royal Society of Chemistry- West India Section (RSC-WIS) Symposium on "Frontiers on Advances in Chemistry and Technology" organized by NMU, Jalgaon- 11-12th Dec. 2015
17. **2014**. Synthesis and Charac. of 4,4'-(1E,1E)-2,5-dichloro-1-(4-sub phenyl)-1H pyrazole-3,4-diyl) bis (methane 1-yl-1 ylidine) bis (5pyridin 4-yl)-4H-1,2,4-triazole-3-thiol - 4th International Congress (ISC-2014) held at Pacific University, Udaipur, Rajasthan on 8th & 9th December 2014
18. **2014**. 'HPTLC' an important tool in standardization of herbal medical product: A review, National Conference at College of Pharmacy, Shahada on 3rd Oct. 2014.
19. **2013**. "Research Methodology in Chemistry" - National Seminar on "Research Methodology Presentation" at PSGVPM's College of Pharmacy, Shahada, on 21st Sep. 2013
20. **2013**. "Recent advances in pharmacological studies of wild varieties of plants" - National Conference on "Recent emerging trends in Plant Sciences" at PSGVP M's ASC College, Shahada on 6-7th Sep. 2013
21. **2013**. "Pharmacological aspects of aerial parts of *Abutilon indicum*" -National Conference on "Current Trends in Experimental Pharmacology" at PSGVPM's College of Pharmacy, Shahada, Nandurbar on 14-15th Feb. 2013
22. **2012**. "Phytochemical and biological investigation of methanol extracts of *Abutilon indicum* leaves", 3rd Biennial International Conference on New Developments in Drug Discovery from Natural Products and Traditional Medicines held at NIPER, Chandigarh

- (Punjab) during November 22-24, 2012.
23. **2010** “Phytochemical and Antibacterial studies of *Abutilon indicum*(L) Sweet leaves” Conference on Folk and Herbal Medicines(ICFHM-2010) at M.S Sukhadia University, Udaipur (Rajasthan) on 25-27th November, 2010
 24. **2011** “Physical and Analytical Parameters of *Abutilon indicum*(L) Sweet leaves “Emerging trends in Chemistry and Chemical Research(ETCCR-2011)” at Zulal Bhila Patil College, Dhule on 19-20th Feb. 2011
 25. **2009** “ Phytochemical investigation of leaves of *Abutilon indicum* ”-University Level Research Festival“AVISHKAR-2009 at N M University, Jalgaon on Dec.1st 2009.

 **Conferences /Seminars/Workshop attended/participated = 90**

Sr. No	Name of the Seminar/ Conference/ Symposia Workshop, etc.	Sponsoring Agency	Place and Date
1	Participated in “Workshop of M.Sc. (II)-Organic Chemistry curriculum Designing”	UGC	Pratap College, Amalner on 9 th Feb.,2003
2	Attended Workshop on NSS Programme Officers	NMU	SSVPS’s Science College , Dhule on 12 th July, 2003
3	Attended two day “State Level Confer. for NSS Programme Officers”	UGC	Mohol, Solapur on 3 –4 th August, 2003
4	Attended NSS Programme Officer Orientation Course	UGC	NSS-TOC Ahmednagar 1 - 10 th Nov 2003
5	Participated in “NSS Leadership & Personality Development workshop”	NMU	North Maharashtra University , Jalgaon 22- 26 th June 2004.
6	National conf. on “Recent trends in synthetic organic chemistry (RTSOC-2005)”	UGC	North Maharashtra University ,Jalgaon from 16 -17 th Dec.2005
7	State level seminar on “Recent Advancement in Org. synthetic reagent”	UGC	PSGVP Mandal’s ASC College, Shahada on 20 th Feb 2007.
8	National conference on “Development & Analysis of Drugs (DAD-2008)”	UGC	North Maharashtra University , Jalgaon on March 15 th 2008 .
9	State level seminar “Exploring Horizons in Microbial Biotechnology	UGC	PSGVP Mandal’s ASC College, Shahada on 16 th Feb 2008.
10	TY BSc Syllabus Restructuring in Chemistry	UGC	ASC College, Jamner on 1 st Feb. 2009
11	State level seminar on Recent Advances in Nano crystalline materials and Applications	UGC	PSGVP Mandal’s ASC College, Shahada on 6-7 th Feb 2009.
12	Work shop on New trends in Higher Education	UGC	PSGVP Mandal’s ASC College, Shahada on 1 st March 2009.
13	State level seminar on “Recent Advancement in Nanocrystalline Materials and Applications-2009”	UGC	PSGVPM’s ASC College, Shahada, Dist-Nandurbar on 6-7 th Feb. 2009
14	National Level Seminar on Nanotechnology	UGC	College of Pharmacy, Shahada on 19-20 th Sept.2009
15	Research Festival “Avishkar-2009”	UGC	NMU, Jalgaon on 1-2 nd Dec.,2009
16	National Level Seminar on “Green Chemistry and Environmental Pollution-GCEP-2010”	UGC	SSVPS Science College, Dhule on 16-17 th January, 2010

17	National Level Seminar on “Bio-Inoculants for sustainable Agriculture (BSA-2010)	UGC	PSGVPM’s ASC College, Shahada, Dist-Nandurbar on 16th February 2010
18	Workshop on “Drafting of M.Sc.-II Botany Syllabus ”	UGC	M.J. College Jalgaon on 27th April. 2011
19	State Level Seminar on “Emerging trends in Chemistry and Chemical Research(ETCCR-2011”	UGC	Zulal Bhila Patil College, Dhule on 19-20th Feb. 2011
20	Workshop on “Role of Chemistry in our lives”	UGC	PSGVPM’s ASC College, Shahada Dist-Nandurbar on 19-20th Sept. 2009
21	International Level Conference on Folk and Herbal Medicines (ICFHM-2010)	UGC	M.S Sukhadia University, Udaipur (Rajasthan) on 25-27th Nov., 2010
22	Resource person in Workshop for Upgradation of syllabus for XII Science (Chem.)	UGC	ASC college, Shahada (Nandurbar) on 20-22 nd June 2012
23	Participated in State Level Seminar on “Basics in Spectroscopy and Chromatography”	UGC	R. C. Patel College, Shirpur on 7 th Oct. 2012.
24	3 rd Biennial International Conference on New Developments in Drug Discovery from Natural Products and Traditional Medicines	UGC	NIPER, Chandigarh (Punjab) on 22-24 th Nov. 2012
25	Participated in National Level Seminar on “Current trends in Experimental Pharmacology”	UGC	College of Pharmacy, Shahada on 14-15 th Feb. 2013.
26	“Workshop on Framing of syllabus at S.Y.B.Sc. Chemistry Syllabus at NMU ”	UGC	Arts, Science College, Nagaon, Dist-Dhule on 29 th Jan. 2013
27	National Level Seminar on “Recent emerging trends in Plant Sciences”	UGC	PSGVPM’s ASC College, Shahada Dist-Nandurbar on 6-7th Sept. 2013
28	“Research Methodology Presentation”	UGC	PSGVPM’s College of Pharmacy College, Shahada Dist-Nandurbar on 21st Sep. 2013
29	National Level Seminar on “Animal Biodiversity and Recent Trends”	UGC	PSGVPM’s ASC College, Shahada Dist-Nandurbar on 6-7th Dec. 2013
30	Workshop on “Syllabus framing in Chemistry for TYBSc. Chemistry”	UGC	GTP College, Nandurbar on 6th Jan 2014
31	International Level Conference on “Global Opportunities for latest developments in Chemistry and technology(GOLD-CT-2014)	UGC	NMU, Jalgaon on 6-8th Feb. 2014
32	State Level Seminar on “Training for members of Credit Co-op. society”	UGC	Maharashtra state Co-operative Ltd, Pune on 26-28th Feb. 2014
33	National Level Seminar on Chromatography: an effective tool for herbal drug standardization	UGC	PSGVPM’s College of Pharmacy, Shahada Dist-Nandurbar on 12th April 2014
34	Workshop on “Reframing of the syllabus of M.Sc.(I) Organic Chemistry	UGC	SSVPS Science College, Dhule on 24th January, 2014

35	“4th International Science Congress-Global Research, Enhancement, Reforms and Commercialisation ”	UGC	Pacific University, Udaipur, Rajasthan on 8-9th Dec. 2014
36	“NAAC Awareness workshop under National Quality Renaissance (NQRI)	UGC	IQAC, NMU, Jalgaon on 23-24th March 2015
37	Herbal Cosmetics:” A safe and Effective Approach”	UGC	PSGVP Mandal’s College of Pharmacy on 3 rd Oct 2015.
38	National Symposium on “Frontiers on Advances in Chemistry and Technology”	RSC-UGC	NMU, Jalgaon on 11-12 th Dec. 2015
39	National Conference on “Chemical Synthesis of Nanomaterials and their Applications in Environment”		GTP College, Nandurbar on 8-9 th Feb.2016
40	Workshop on “Syllabus framing of SYBSc in Chemistry”	NMU	GTP College, Nandurbar on 16 th Feb. 2016.
41	National Conference on “Structure Interpretation of Organic Compounds”		RC Patel College, Shirpur on 24 th Sep.2016.
42	Workshop on Onscreen Evaluation	NMU	PSGVPM’s ASC College, Shahada Dist-Nandurbar on 29 th Nov. 2016.
43	4 th International Congress on “Digitization in Research for Cultural, Commercial & Scientific Development”	UGC	Hutatma Rajguru College, Pune on 8-9 th Dec. 2016
44	National Seminar on “Curriculum Planning and Implementation”	NAAC	SSVPS Science Collge, Dhule on 17 th Jan.2017.
45	National Conference on “Current and Emerging trends in Green Chemistry”	NMU	RC Patel College, Shirpur on 18-19 th Jan. 2017.
46	Workshop on “Syllabus framing of in Chemistry at T.Y.B.Sc.”	NMU	PSGVPM’s ASC College, Shahada Dist-Nandurbar on 25 th Feb. 2017.
47	Workshop on “Syllabus framing of TYBSc Chemistry”	NMU	SPDM College, Shirpur Dist-Dhule on 27 th Feb. 2017.
48	National Seminar on “Current Scenario in Clinical Pharmacology”	NMU	PSGVPM’s College of Pharmacy, Shahada on 7 th October 2017.
49	International Conference on Nanotechnology: Adressing the convergence of Material Science, Biotechnology and Medical Science (IC-NACMBM-2017)	UGC	Centre for Interdisciplinary Research D.Y.Patil University, Kolhapur 9-11 th Nov. 2017
50	National Conference on “Nanomaterials synthesis”	UGC	Dadasaheb Bhole College, Bhusawal on 21 st Dec.2017
51	Workshop on “Syllabus framing of M.Sc.(II) Chemistry”.	NMU	SSVPS Science College, Dhule on 24th January, 2018
52	Workshop on “Syllabus framing of FYBSc Chemistry”.	NMU	SPDM College, Shirpur Dist-Dhule on 27 th Feb. 2018.
53	National Seminar on “Nutraceuticals: A new era of Medicines”	NMU	PSGVPM’s College of Pharmacy, Shahada on 5 th October 2018.
54	Workshop on “Implementation of CBCS Syllabus at UG Level”	NMU	PSGVPM’s ASC College, Shahada on 26 th October 2018.

55	Workshop on 2 nd CABGIN INFODAY- Capacity Building: New Mantra for Higher Education.	NMU	PSGVPM's ASC College, Shahada on 29 th Oct 2018.
56	Workshop on "NAAC Awareness Programme (NAP)"	NAAC	KBCNMU, Jalgaon on 17-18 th Jan.2019
57	National Conference on "Green Synthesis of Nanomaterials and its applications".	UGC	GTP College, Nandurbar on 12 th Feb. 2019
58	National Level Conference 'Recent trends in Novel Methods in Synthetic Chemistry (RTNMSC-2019)	NMU	P.S.G.V.P.M's Arts, Commerce and Science College, Shahada on 22 nd Feb. 2019.
59	National Conference on "Modern Trends in Languages and Literature"	NMU	PSGVPM's ASC College, Shahada on 25 th Feb 2019.
60	Students Council Workshop	NMU	Arts College, Bamkheda on 5 th August 2019.
61	Workshop on "Answer book Assessment Guidance"	KBCNM U	PSGVPM's ASC College, Shahada on 14 th Oct. 2019.
62	National Seminar on " Scientific and Technical Terminology in Chemistry"	MHRD	MR College, at Indore during 8-9 th Nov 19.
63	Workshop on "Research Guides in Chemistry"	KBCNM U	SPDM College, Shirpur Dist-Dhule on 7 th Feb. 2020.
64	Workshop on "Syllabus framing of TYBSc Chemistry"	NMU	SSVS's ASC College, Shindkheda Dist-Dhule on 10 th Feb. 2020.
65	National Seminar on "Advances in Material Sciences"	UGC	M.D. College, Parel on 20 th May 2020.
66	National webinar on "Research, Innovations and Extension-its challenges and opportunities"	UGC Paramarsh	Mata Gujri college, Jabalpur on 26 th May 2020.
67	International webinar on "Overcome Covid-19 Pandemic through Nuances of Life"	UGC	Vivek College of Commerce, Mumbai on 29 th May 2020.
68	International webinar on "Covid 19 and Environmental issues"	UGC	Madhav University, Pindwara,Rajasthan,31 st May 2020.
69	3rd International webinar on "Covid 19 Paradigm shift in Teaching and Learning"	UGC	Govt. Raza PG College, Rampur, UP on 31 st May 2020.
70	Five day Online FDP on " Evolution from Offline to Online Teaching"	Mumbai Univ	Satish Pradhan College,Thane during 30 th May- 3 rd June 2020.
	International SAGE TALK on Recent Advances in Cloud & Edge Computing and the Aneka 5G Cloud Platform		Sagar Institute of Research & Technology, Bhopal on 6 th June 2020
71	FDP on Virtual Reality and Augmented Reality in NAAC Perspectives		Hindustan College of Arts and Science,Coimbatore on 8 th June 2020.
72	Online webinar session on "Faculty Development Programme - ICT best practices in institute"		Master Soft ERP Solutions Pvt. Ltd. Nagpur on 24 th Sep.2020
73	National level One week FDP on "Research Methodology"		Kamala Nehru College, Nagpur during 26 April to 1 May 2021
74	Seven Days Faculty Development "Programme on Quality Assessment & Enhancement in Higher Education in the	Paramarsh Scheme	GHG Khalsa College, Gurusar Sadhar on 22 - 29 th June 2021

	Light of New Framework of NAAC”	of UGC	
75	“New Paradigms in e-learning Tools and Techniques for Teaching Learning”		Sinhgad Institute of Management and Computer Application, Pune on 17-19 July 2020
76	One week FDP on Applied Chemistry: A catalyst for Scientific Transformation		SGT University, Gurugram Delhi NCR on 23-28 August 2021
77	International Webinar on Multidisciplinary Research		Gurunanak College of Science, Ballarpur on 13 th March 2021
78	International Webinar on Sustainable Chemistry IWSC 2021		Homi Bhabha Centre for Science Education, TIFR, Mumbai on 18 th March 2021
79	International virtual conference on “Advances In Material Sciences, Applied Sciences and Engineering”		Uttamrao Patil Arts and Science College, Dahivel, Dhule, on 10th September, 2021
80	International Conference on “Digitization of Library”		Chintamani College of Commerce, Pombhurna on 20th of May, 2021.
81	Symposium on 'Energy Conversion and Storage Devices'		ES Publisher, USA on on March 20, 2021.
82	National e-Conference On "Recent trends in Chemical and Physical Sciences (NCRTCPs-21)"		S.V.S's Dadasaheb Rawal College, Dondaicha on 1st September 2021.
83	National Symposium on "Institutionalizing Best Practices in HEI's"		Pillai College of Arts, Commerce & Science on 28th October, 2021
84	“National Webinar on New Education Policy 2020: Highlights and Major Challenges”		D K. Banmeru Science College, Lonar. Dist. Buldana. & Legendary Lectures Academus Technologies Pvt Ltd, Jalgaon.
85	National Seminar on “Career Opportunities in India and Abroad”		School of Chemical Sciences, Moolji Jaitha College, Jalgaon on 13th September, 2021
86	State level Online Workshop on “Geo Tagging and its use”		Jijamata Art's, Science and Commerce College, Nandurbar on 13th September 2021
87	State level Online Workshop on “Scope in Innovation and Entrepreneurship”		Radhabai Kale Mahila College, on 23 rd March 2021.
88	Webinar on “Consumerism and Financial Literacy in Covid 19 Times”		S.V. Patel College, Ainpur on 30 th April 2021
89	Webinar on “IQAC Coordinators Meet”		Master Soft ERP Solution, Nagpur on 18 th May 2021
90	National Online workshop on Chemistry Practical		RLT College of Science on 7 th June 2020.

C)Research Profile

- **Areas of research interest :**

Organic Synthesis, Phytochemistry, Medicinal Chemistry.

☞ **Ph.D. guide, M.Phil., PG Teacher recognition:**

Subject	Letter/Ref. No.	Mode	Validity	University
Chemistry	NMU/11/PGR/Chem/453/2010 dated 6-4-2010	PG Teacher By Paper	2017	NMU, Jalgaon
Chemistry	JJTU/R&D/GAL/2016-17 dated 6-7-2016	By Research	2024	JJTU, Rajasthan

☞ Research Profile at a Glance

International Publications		National publications		Books	
12		3		33	
PUBLICATIONS = 15					
SI No	Title of paper	Authors	Name of Scientific Journal	Vol. pp Year	ISSN No
1	“Preliminary Phytochemical & Antibacterial Studies of <i>Abutilon indicum</i> leaves (Family: Malvaceae)”	M. K. Patel and A. P. Rajput	International Journal of Biotechnology and Bioengineering Research	2011, 2(1), 91–98.	2231-1238
2	“Chemical investigation and biological activity of phytoconstituents from methanol extract of <i>Abutilon indicum</i> leaves”	M. K. Patel and A. P. Rajput	Journal of Chemical and Pharmaceutical Research UGC Approved List no. 21821	2012, 4(8): 3959-3965.	0975 - 7384)
3	“Chemical Constituent and their Microbial Studies of the Petroleum ether extract of <i>Abutilon indicum</i> leaves”	M.K.Patel and A. P. Rajput	International Journal of Chemical and Analytical Science	2012, 3(11), 1590-94.	0976-1206)
4	Isolation and characterization of phytoconstituents from the chloroform extract of <i>Abutilon indicum</i> leaves (Family: Malvaceae)	M. K. Patel and A. P. Rajput	Asian Journal of Research Chemistry	2012, 5(11), 1375-80	0974-4169
5	Therapeutic significance of <i>Abutilon indicum</i> : An overview	M. K. Patel and A. P. Rajput	American Journal of Pharma Tech Research IF-0.983 UGC Approved List no. 46631	2013, 3(4), 20-35.	2249-3387
6	Physical and Phytochemical Parameters of <i>Abutilon indicum</i> Leaves (Family- Malvaceae)	M. K. Patel and A. P. Rajput	American Journal of Pharma Tech Research IF-0.983 UGC Approved List no. 46631	2015 5(2), 291-300.	2249-3387
7	Styrene-DVB Co-polymers:	R. V. Patil,	Chemical Science	2017,	2278-

	Influence of Cyclohexanol and 1-Butanol on Matrix Structure	J.U. Chavan, M. K. Patel and A. G. Beldar	Review and letters UGC List no. 45864	6(23), 2037-2041	6783
8	Synthesis and Antimicrobial evaluation of Novel Schiff's Bases Derived from 2,6-Dichloro-4- Trifluoro Methyl Aniline	Milind Patel, S.S. Rajput, Rahebar Ali. M	Journal of Advanced Scientific Research UGC Care Listed IF-0.567	2021, 12(3) Suppl.2: 162-169	0976- 9595
9	Covid-19 impact: Major challenges in online teaching faced by students of rural India.	Dr. Milind Kashinath Patel	B.Aadhar' Int. Peer-Reviewed Indexed Research Journal IF-7.675	2021, 274 (CCLXXI V)	2278 - 9308
10	"Impact of Air Pollution on Environment and Health: A Review	Dr. Milind Kashinath Patel	Journal of Research and Development	2021, 11(26) 162-169	2230- 9578
11	Phytochemical analysis of some selected medicinal plants in Nandurbar District	Milind Kashinath Patel, Anil Gokul Beldar	Journal of Emerging Technologies and Innovat. Research UGC Approved no.83975	2022, 9,(1) 692-697	2349- 5162
12	A brief Review on Phytochemical and Biological activities of Corchorus depressus (L.)	Milind Kashinath Patel, Swapnil G. Dhake	Journal of Advanced Scientific Research UGC Care Listed IF-0.567	2022, 13 (1)	0976- 9595
13	Growth, UV and IR Characterization of Tri- Glycine Pot. Sulphate [NH ₂ CH ₂ COOH-K ₂ SO ₄] single [GPS] crystal	Milind Kashinath Patel, Milind Mahru Patil	YMER International Open Access Journal Scopus UGC-CARE Approved Group 'II' journal	2022, 21(2), 275-280	0044- 0477
14	"A brief review on versatile synthesis and applications of Transition metal Schiff base complexes"	Milind Kashinath Patel, Sachin Prakash Patil	Zeichen International Open Access Journal Scopus UGC-CARE Approved Group 'II' journal	2022, 8(2), 163- 169	0932- 4747
15	"Extraction and Phytochemical Analysis of Secondary metabolites from Ficus benghalensis L : Review	M. K. Patel , R.V. Patil and A. G. Beldar	International Journal of Botany Studies Web of Science	2022, 7(3)	2455- 541X

Citation Profile (Google Scholar)

	All	Since 2017
Citations	35	23
h-Index	3	3
i10-Index	2	1

BOOKS AUTHORED = 33

Sl. No	Title	Subject	Publisher	Year	Level
1.	“Organic and Inorganic Chemistry” CH-112	Chemistry	Prashant pub, Jalgaon	June2012	F.Y.B.Sc.
2.	“Organic and Inorganic Chemistry” CH-122	Chemistry	Prashant pub, Jalgaon 978-93-82414-25-4	June2012	F.Y.B.Sc.
3.	“Practical Chemistry” CH-113,CH-123	Chemistry	Prashant pub, Jalgaon	June2012	F.Y.B.Sc.
4.	“Organic and Ana. Chemistry” CH-232 (Sem III)	Chemistry	Prashant pub, Jalgaon 978-93-82414-83-4	June2013	S.Y.B.Sc.
5.	“Organic and Anal. Chemistry” CH-242 (Sem IV)	Chemistry	Prashant pub, Jalgaon 978-93-82528-52-4	June2013	S.Y.B.Sc.
6.	“Practical Chemistry”CH-203	Chemistry	Prashant pub, Jalgaon 978-93-82414-84-1	June2013	S.Y.B.Sc.
7.	Organic Chemistry”CH-353	Chemistry	Prashant pub, Jalgaon 978-93-84228-44-6	June2014	T.Y.B.Sc.
8.	Organic Chemistry”CH-363	Chemistry	Prashant pub, Jalgaon 978-93-85019-15-9	June2014	T.Y.B.Sc.
9.	Organic Chemistry”CH-309	Chemistry	Prashant pub, Jalgaon 978-93-84228-49-1	June2014	T.Y.B.Sc.
10.	“Organic and Inorganic Chemistry” CH-112	Chemistry	Prashant pub, Jalgaon 978-93-85021-71-8	June2015	F.Y.B.Sc.
11.	“Organic and Inorganic Chemistry” CH-122	Chemistry	Prashant pub, Jalgaon 978-93-85019-86-9	June2015	F.Y.B.Sc.
12.	“Practical Chemistry” CH-113,CH-123	Chemistry	Prashant pub, Jalgaon 978-93-85021-78-7	June2015	F.Y.B.Sc.
13.	“Organic and Ana. Chemistry” CH-232 (Sem III)	Chemistry	Prashant pub, Jalgaon 978-93-82414-83-4	June2016	S.Y.B.Sc.
14.	“Organic and Anal. Chemistry” CH-242 (Sem IV)	Chemistry	Prashant pub, Jalgaon 978-93-82528-52-4	June2016	S.Y.B.Sc.
15.	“Practical Chemistry” CH-233,243	Chemistry	Prashant pub, Jalgaon 978-93-81546-21-5	June2016	S.Y.B.Sc.
16.	Organic Chemistry”CH-353	Chemistry	Prashant pub, Jalgaon 978-93-84228-38-5	June2017	T.Y.B.Sc.
17.	Organic Chemistry”CH-363	Chemistry	Prashant pub, Jalgaon 978-93-85021-94-7	June2017	T.Y.B.Sc.
18.	Organic Chemistry”CH-309	Chemistry	Prashant pub, Jalgaon 978-93-84228-45-3	June2017	T.Y.B.Sc.
19.	“Organic and Inorganic Chemistry” CH-102	Chemistry	Prashant pub, Jalgaon 978-93-88113-78-5	June2018	F.Y.B.Sc.
20.	“Organic and Inorganic Chemistry” CH-202	Chemistry	Prashant pub, Jalgaon 978-93-88113-88-5	June2018	F.Y.B.Sc.
21.	“Practical Chemistry” CH-103,CH-203	Chemistry	Prashant pub, Jalgaon 978-93-88113-23-6	June2018	F.Y.B.Sc.
22.	“Organic and Inorganic Chemistry” CH-302	Chemistry	Prashant pub, Jalgaon 978-93-88769-87-7	June2019	S.Y.B.Sc.
23.	“Organic and Inorganic Chemistry” CH-402	Chemistry	Prashant pub, Jalgaon 978-93-89492-61-3	June2019	S.Y.B.Sc.
24.	“Organic and Inorganic Chemistry” CH-303,403	Chemistry	Prashant pub, Jalgaon 978-93-88769-88-4	June2019	S.Y.B.Sc.
25.	Organic Chemistry”CH-503	Chemistry	Prashant pub, Jalgaon 978-93-89501-84-1	June2020	T.Y.B.Sc.
26.	Organic Chemistry”CH-603	Chemistry	Prashant pub, Jalgaon	June2020	T.Y.B.Sc.

			978-93-90483-56-3		
27.	Organic Chemistry”CH-509	Chemistry	Prashant pub, Jalgaon 978-93-89501-89-6	June2020	T.Y.B.Sc.
28.	Practical Organic Chemistry TYBSc. CH-609	Chemistry	Prashant pub, Jalgaon 978-93-89501-89-6	June2020	T.Y.B.Sc.
29.	Phytochemistry of Abutilon indicum	Phytochem istry	Shriyanshi Publications 978-93-81247-78-5	2021	Reference Book
30.	Trends and innovations in Humanities, Mgmt, Commerce, Science and Technology	Science and Technolog y	Dr. Eknath Munde, Pune. 978-93-5593-562-5	2022	Reference Book
31.	Plastic Waste Management: Turning Challenges into opportunities pp.63-68	Plastic Waste Manageme nt	Bharati Publications, New Delhi-110002 , 2022 978-93-91681-06-7	2022	Reference Book
32.	Multidisciplinary Approach in Research- Vol. 1 https://redshine.co.in/product/978-91-987582-5-2/	Multidiscip linary	RED'SHINE PUBLICATION Stockholm, Sweden 978-91-987582-5-2	2022	Reference Book
33.	Contemporary Research in Multidisciplinary Studies: Vol. 4 pp- 64-70	Multidiscip linary	High Rise Books Amazon Publishers www.kdp.amazon.com 2022, 979-8419983908	2022	Reference Book

RESEARCH & DEVELOPMENT PROJECTS UNDERTAKEN = 02

Sl. No	Title of the Project	Funding Agency (Scheme)	Grant (Lacs)	Duration
1.	Phytochemical and microbial studies of Abutilon indicum leaves (Family – Malvaceae)” F. 47-769/09 (WRO)	UGC (WRO) (Minor Project)	1.3	2010-12
2.	“Synthesis of organic compounds using Alumina as solid support”. F-47-94/2002 / WRO dated 23-03-2002.		0.42	2002-04

RESEARCH GUIDANCE

Sr No	Name of Research Student registered	Title of the research topic	Date of Registration
1	Ms. Neelima Borse	“Synthesis, characterization and biological studies of metal Schiff bases complexes”	KBCNMU/11/Ph.D./Chem./1031/2018 dated 22-05-2018
2	Sachin Prakash Patil	“Synthesis, characterization and biological activity of Schiff's bases and their metal complexes containing bioactive heterocycles.”	KBCNMU/11/Ph.D./Chem./1031/2018 dated 22-05-2018
3	Swapnil Ghanshyam Dhake	“Phytochemical and Biological Studies of Corchorus depressus Linn leaves”	KBCNMU/11/Ph.D./Chem./897/2020 dated 02-02-2020
4	Irfankhan Rahimkhan Pathan	“Synthesis, Spectral, Thermal Characterization and Biological Studies of Azo-azomethine Schiff base Ligands and its Metal Complexes”	KBCNMU/11/Ph.D./Chem./879/2020 dated 02-02-2020

PATENTS FILED

Sr. No.	Title of Patent	International/ National	Year	Patent / Technology Transfers
1	Multipurpose Detergent Powder with high active detergent particles	National	2022	Patent

AWARDS RECEIVED

Sr. No.	Name of the award	Name of the Academic Body/ Society/ Association	International /National
1	National Adroit Teacher Award	Green Thinker-Z Registered Society, Govt. of Punjab, India	National
2	International Academic Excellence Awards- 2022	International Institute of Organized Research (I2OR) Registered MSME, Govt. of India	International

MEMBERSHIP of Professional Associations

- 1) Fellow Contributor, International Science Community Association
- 2) Life Member, Association of Chemistry Teachers, Mumbai
- 3) Vice President, Chemistry Teachers Association, KBCNMU.

CO-CURRICULAR AND EXTENSION ACTIVITIES**APPOINTMENTS ON PARENT UNIVERSITY COMMITTEES****University Work Experience:**

- 1) Worked as Area Co-ordinator for NSS during 2006-2007.
- 2) Member, Local Inquiry Committee (LIC) at 05 different colleges.
- 3) Member, Selection Committee of Asstt. Professor (V. C. Nominee / Subject Expert).
- 4) Subcommittee Member, CBCS Syllabus Framing at SYBSc and TYBSc. Chemistry.
- 5) Expert, Pre Ph. D submission Committee, KBCNMU, Jalgaon.

Examination committee

- 1). Chairman– Board of paper setters M.Sc. Organic Chemistry, 2009 to 2019
- 2). Chairman– Board of paper setters TYBSc. Organic Chemistry, 2014
- 3). Chairman– Board of paper setters SYBSc. Chemistry, 2013
- 4). Chairman – Board of paper setter & examiner in Organic Chemistry (M.Sc-Practical)
- 5). External Senior supervisor for conducting university examinations at various colleges in University area
- 6). Member on examination (evaluation, moderation, redressal) committees for FYBSc to TY BSc and M.Sc. Chemistry, NMU, Jalgaon
- 7). Flying Squad (Chairman / Member) / Custodian / Senior Supervisor for Exams.
- 8). Paper Setter (Chairman / Member) / Moderator / Examiner) for BSc. And M.Sc. Chemistry

Syllabi Framing Committees**■ Chairman**

- 1). Syllabi framing committee for M.Sc. Organic Chemistry Part II (2015-16), 2020-21
- 2). Syllabi framing committee for M.Sc. Organic Chemistry Part I (2012-19)

■ Member

- 3). Syllabi framing committee for FY to TYB.Sc. and M.Sc. Organic Chemistry

4). Syllabi framing committee S.Y.B.Sc Chemistry 2012, 2015, 2018

Co-curricular Activities:

- 1) Worked as Programme Officer in National Service Scheme for 03 years (2003-2006).
- 2) Worked as Student Welfare Officer of the college for 03 years (2009-2012)
- 3) Worked as Associate NCC Officer of the college under 49 Bn NCC, Amalner (2006-2008.)
- 4) Worked as Chairman, Anti-Ragging Committee.

Extra-curricular Activities:-

- 1) Worked as Chairman, Gymkhana Committee from 2011-2017.
- 2) Worked as Student Council Member from 2009 till date.
- 3) Worked as Coordinator, Youth Festival-2018, 2020.