

Prof. Milind M. Patil

ASSISTANT PROFESSOR

DEPARTMENT OF CHEMISTRY

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Education:

*M.Sc. (Organic Chemistry) (2009)
From School of Chemical Sciences,
North Maharashtra University, Jalgaon (M. S.)
CSIR-UGC-NET (JRF) (2009 & 2010),
GATE (Chemistry) (2009)*

Objective:

*To bring about as soon as possible the pupil's appreciation of training
in scientific method and chemical knowledge.*

Achievements:

-  *INTERNATIONAL YOUNG SCIENTIST AWARD ISC-2016 (ISCA)*
-  *SAMAJ GAURAV PURASKAR (KEDARESHWAR PRATISHTHAN, PUNE)(2012)*
-  *STATE LEVEL WINNER OF AVISHKAR RESEARCH CONVENTION (2012)*

Contact Details

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P.S.G.V.P. Mandal's

SIP Arts, GBP Science & STSKVS Commerce College, SHAHADA, Dist. Nandurbar (M.S.)

i) General Information

- a) Name : PATIL MILIND MAHARU
 b) Address (Residential) : FLAT NO, 303, NRI VILLAS, MALONI, SHAHADA
 c) Designation : ASSISTANT PROFESSOR
 d) Department : CHEMISTRY
 e) Date of Birth : 24/05/1986
 f) Area of Specialization : ORGANIC CHEMISTRY

A) Academic Qualifications:

Exam Passed	Board/ University	Subjects	Year	Division/Grade Merit etc.
High School	Nasik	Science	2002	I st Class
Higher Secondary or Pre-degree	Nasik	Science	2004	I st Class
Bachelor's Degree (s)	NMU, Jalgaon	Chemistry	2007	I st Class with Distinction
Master's Degree (s)	NMU, Jalgaon	Organic Chemistry	2009	I st Class with Distinction
NET	CSIR-UGC	Chemical Sciences	2009	Qualified
NET	CSIR-UGC	Chemical Sciences	2010	Qualified
GATE	IIT, Roorkee	Chemistry	2009	Qualified
MH-CIT	MKCL	Computer	2005	91 %

ii) Research Experience & Training:

Research Stage	Title of work/Theses	University where the work was carried out		
Ph.D. (In Progress)	Synthesis of heterocyclic compounds using succinimides and glutarimides	North Maharashtra University, Jalgaon		
Publications:		04 Research Articles		
		01 Text Books		
Research Articles : 04				
Sr. No.	Title of Research Article	Journal name	ISSN & Impact Factor	Publication Year, Issue and page no.
1	Succinimides: synthesis, reaction and biological activity	International Journal of Pharmacy and Pharmaceutical Sciences	0975-1491 IF-0.49	2014, 6 (11), 8-14

2	Synthesis and characterization of bis heterocyclic compounds using cyclic imides	Journal of Advance in Science and Technology	0971-9563 IF-0.38	2014, 14 (2),
3	Synthesis and antimicrobial evaluation of some novel diazo derivative of cyclic imides using diazotization coupling reaction	Chemical Science Review and Letters	2278-6783 IF-4.856	2016, 4 (17), 59-65
4	Synthesis and antimicrobial evaluation of 2,6-bis((e)-(2-Hydroxynaphthalen-1-yl)diazenyl)-1-substituted Phenyl-1,4-dihydropyridine-3,5-dicarbaldehyde	World Journal of Pharmaceutical Research	2277-7105 IF-6.805	2016, 5 (10), 585-595

Books: 01

Sr. No.	Name of the Book	Publisher	ISBN
1	Environmental Chemistry (CH-336 B) SEM-V	Prashant Publication	978-93-85019-28-9

Training (please specify)

Sr. No.	Training programme	Date and place	Place
1	Faculty improvement for Research in Science and Technology (FIRST-2015)	18 th to 24 th June, 2015	North Maharashtra University, Jalgaon, Maharashtra
2	Orientation programme	27 th October to 22 nd November, 2014	ASC, University of Rajasthan, Jaipur, Rajasthan
3	Refresher Course in Chemistry on Recent Trends in Chemistry	30 th May to 18 th June, 2016	HRDC, RDDV, Jabalpur, Madhya Pradesh
4	'Indian Nanoscience Users Programme (INUP) Hands-on Training Workshop on Nanofabrication Technologies'	27 th to 30 th December, 2016	Indian Institute of Technology (IIT), Bombay, Maharashtra

B) Research Projects carried out

Title of the Project	Name of the funding Agency	Duration	Remarks
Solid Phase Synthesis of N-Aryl Cyclic Imides and Its Derivative	University Grants Commission, New Delhi (WRO-Pune)	2014-16	Completed

C) Seminars, Conferences, Symposia Workshops etc. attended

Sr. No.	Name of the Seminar/ Conference/ Symposia Workshop, etc.	Name of the Sponsoring Agency	Place and Date
2011			
1	State Level 18 th Science Quiz Competition- Attend as team manager	Chalisingaon College	B. P. Arts, S. M. A. Science and K. K. C. Commerce College, Chalisingaon (MS) January 04-05, 2011
2	Seminar Role of chemistry in our life	UGC, New Delhi	SIP Arts, GBP Science and STKVS Commerce College, Shahada (MS) February 25, 2011
3	Resource Person Coaching for NET/SET for SC/ST/OBC/Minority	UGC, New Delhi	SIP Arts, GBP Science and STKVS Commerce College, Shahada (MS) November 13, 2011
4	Resource Person Coaching for NET/SET for SC/ST/OBC/Minority	UGC, New Delhi	School of Chemical Sciences, North Maharashtra University, Jalgaon (MS) December 10, 2011
5	Seminar (National) Gandhi Thought: The only solution for corruption and terrorism	UGC, New Delhi	SIP Arts, GBP Science and STKVS Commerce College, Shahada (MS) December 23, 2011
6	Conference (International) 1 st International Science Congress (ISC-2011)	ISCA	Maharaja Ranjit Singh College of Professional Sciences, Indor (MP) December 24-25, 2011
7	Avishkar-2011 (University Level) Research Festival	NMU, Jalgaon	North Maharashtra University, Jalgaon (MS) December 28-29, 2011
2012			
8	Avishkar-2011-12 (State Level) 6 th Maharashtra State Inter- University Research Convention	Government of Maharashtra	Shivaji University, Kolhapur (MS) January 13-15, 2012
9	Seminar (National) Recent Advances in Polymer Science	AUPCC	PSGVP Mandal's College of Pharmacy, Shahada (MS) February 24-25, 2012
10	Workshop Workshop on research methodology (WORM)	PSGVPM's ASC College	SIP Arts, GBP Science and STKVS Commerce College, Shahada (MS) February 28, 2012
11	Conference (National) Nanostructure and Nanomaterials	UGC-SAP DRS Phase-I	Department of Chemical Technology, North Maharashtra University, Jalgaon (MS) March 28, 2012

12	Resource Person-Workshop 12 th Science (Chemistry) Syllabus	MSB-HSC	SIP Arts, GBP Science and STKVS Commerce College, Shahada (MS) June 20-22, 2012
13	Avishkar-2012 (University Level) Research Festival	NMU, Jalgaon	North Maharashtra University, Jalgaon (MS) December 13-14, 2012
14	Co-ordinator Chemistry Ability Test (CAT) 2012	SSVPS Dhule	SIP Arts, GBP Science and STKVS Commerce College, Shahada (MS) 2012
2013			
15	Conference (National) Innovation in Chemistry-Laboratory to Society (ICLS-2013)	NMU, Jalgaon	School of Chemical Sciences, North Maharashtra University, Jalgaon (MS) March 11, 2013
16	Conference (National) Recent emerging trends in plant Sciences (REPTS-2013)	UGC, New Delhi	SIP Arts, GBP Science and STKVS Commerce College, Shahada (MS) September 06-07, 2013
17	Workshop Research methodology presentation	NMU, Jalgaon	PSGVP Mandal's College of Pharmacy, Shahada (MS) September 21, 2013
18	Conference (National) Animal biodiversity and recent trends in zoological research (ABRTZ-2013)	UGC, New Delhi	SIP Arts, GBP Science and STKVS Commerce College, Shahada (MS) December 06-07, 2013
2014			
19	Workshop (Syllabus Framing) Syllabus framing in chemistry	NMU, Jalgaon	G. T. Patil Arts, Commerce and Science College, Nandurbar (MS) January 06, 2014
20	Conference (International) Global opportunities for latest developments in Chemistry and Technology (GOLD-CT-2014)	NMU, Jalgaon	School of Chemical Sciences, North Maharashtra University, Jalgaon February 06-08, 2014
21	Resource Person (Science Exhibition) Intra School Poster and PPT Competition	Ideal English Medium School	Ideal English Medium High School, Shahada (MS) February 24, 2014
22	Resource Person (Workshop) University level workshop on Green Chemistry	NMU, Jalgaon	SPDM Arts, SBB and SHD Commerce and SMA Science College, Shirpur, Dist-Dhule (MS) September 15, 2014
23	Team Manager - Avishkar Nandurbar District Level Avishkar 2014	NMU, Jalgaon	Arts, Commerce and Science College, Navapur (MS) October 07, 2014

24	Avishkar-2014 Nandurbar District Level Avishkar	NMU, Jalgaon	A.S.S.S.P.S. Arts, Commerce and Science College, Navapur (MS) October 07, 2014
25	Avishkar University Level Research Convention Avishkar 2014	NMU, Jalgaon	North Maharashtra University, Jalgaon (MS) October 17-18, 2014
2015			
26	Workshop (National) Seven days national workshop on Faculty Improvement for Research in Science and Technology	UGC, New Delhi	School of Chemical Sciences, North Maharashtra University, Jalgaon (MS) June 18-24, 2015
27	Seminar (National) Herbal Cosmetics: A safe and effective approach	PSGVPM's Pharmacy College	PSGVP Mandal's College of Pharmacy, Shahada (MS) October 03, 2015
28	Avishkar-2015 District level Research Convention	NMU, Jalgaon	SIP Arts, GBP Science and STKVS Commerce College, Shahada (MS) November 22, 2015
29	RSC Symposium Frontiers of Advances in Chemistry and Technology-2015 (FACT-2015)	RSC	School of Chemical Sciences, North Maharashtra University, Jalgaon (MS) December 11-12, 2015
30	Avishkar-2015 University Level Research Convention	NMU, Jalgaon	North Maharashtra University, Jalgaon (MS) December 22-23, 2015
31	Conference (National) Indian Council of Chemistry 34 th Annual National Conference	ICC	Department of Chemistry, UKA Tarsadia University, Bardoli, Surat (GJ) December 26-28, 2015
2016			
32	Avishkar (State Level) 10 th Maharashtra State Inter- University Research Convention	Government of Maharashtra	Savitribai Phule Pune University, Pune (MS) January 10-12, 2016
33	Workshop Indian Patenting and Filing Procedure	RUSA and RGNIPM	IQAC, North Maharashtra University, Jalgaon (MS) August 23, 2016
34	Conference (National) Structure Interpretation of Organic Compounds	RC Patel Institute	R. C. Patel Institute of Pharmaceutical Education and Research, Shirupur (MS) September 24, 2016
35	Workshop On Screen Evaluation	NMU, Jalgaon	SIP Arts, GBP Science and STKVS Commerce College, Shahada (MS) September 29, 2016
36	Seminar (National) Recent advances in novel drug carrier system	PSGVPM's Pharmacy College	PSGVP Mandal's College of Pharmacy, Shahada (MS) October 05, 2016

37	Conference (International) 6 th International Science Congress (ISC-2016)	ISCA	Hutatma Rajguru Mahavidyalaya, Rajgurunagar, Pune (MS) December 08-09, 2016
38	Workshop INUP Familiarization Workshop on Nanofabrication technologies	IIT, Bombay	Indian Institute of Technology, Bombay (MS) December 27-30, 2016
39	Conference (International) 3 rd International Conference on Emerging Electronics	IIT, Bombay	Indian Institute of Technology, Bombay (MS) December 27-30, 2016
40	Avishkar-2016 University Level Research Convention	NMU, Jalgaon	North Maharashtra University, Jalgaon (MS) January 12-13, 2017
41	Conference (National) Two day National Conference on Current and Emerging Trends in Green Chemistry	UGC, New Delhi	R. C. Patel Arts, Commerce and Science Collage, Shirpur (MS) January 18-19, 2017
42	Avishkar (State Level) 11 th Maharashtra State Inter- University Research Convention	Government of Maharashtra	Swami Ramanand Teerth Marathwada University, Nanded (MS) January 27-29, 2017

iii) Teaching Experience

Courses Taught	Name of the University/ College / Institution	Duration
i) U.G. (B.Sc.)	PSGVP Mandal's Arts science and Commerce College, Shahada Dist- Nandurbar	2010 onward
ii) P.G. M.Sc.	PSGVP Mandal's Arts science and Commerce College, Shahada Dist- Nandurbar	2010 onward

Total Teaching Experience : **06 Years**
a) Under-graduate : **06 Years**
b) Post-graduate : **06 Years**

iv) Innovations /Contributions in Teaching-

- Design of Curriculum : Actively participation in Syllabus Framing workshop
- Teaching methods : Use Audio Visual methods such as slide projector (OHP), PowerPoint presentation, teaching models etc.
- Laboratory experiments : Lab manual for PG
- Evaluation methods : **1) Continuous evaluation by class and internal test.**
2) Conducted seminars for UG & PG students to improve the personality and stage daring.
3) Helped weak & economically poor students for continuing their education.
4) Seminars were conducted frequently.
- Preparation of resource : **Handouts, Flow diagrams, Concept Charts on various**

- material Including Books, **topics, Laboratory manual for PG students.**
 Reading materials,
 Laboratory manuals etc.
- f) Remedial Teaching / : **NET/SET Coaching and Remedial**
 Student Counseling **Teaching for S. Y. B. Sc. and T. Y. B. Sc.**
 (academic) **(Chemistry Students)**

v) Extension Work/Community Service-

- a) Please give a short account of your contribution to:
- i) Community work such as values of National Integration, secularism, democracy, socialism, humanism, peace, scientific temper, flood or drought relief, small family norms etc.
 - **Blood Donation Camp**
 - **Andhashradhha Nirmulan Programme**
 - ii) National Literacy Mission : Actively participate in NSS Literacy Mission
- b) Positions held/Leadership role played in organizations linked with Extension Work and National Service Scheme (NSS), or NCC or any other similar activity
- **Co-ordinator of Avishkar (Research Festival)**
 - **Chairman, Science Forum**
 - **Assistant Director, Central Assessment Programme (CA and UA)**
 - **Data Entry Operator, Central Assessment Programme**

D) Participation in Corporate Life:

Please give a short account of your contribution to :

- a) College/University/Institution: **Chairman, Science Forum**
- b) Co-curricular Activities: **Participation in Avishkar Research Festival every year**
- c) Enrichment of Campus Life: **Campus Beatification Drive and Department Beatification**
 (Hostels, sports, games, cultural activities)
- d) Students Welfare and Discipline: **Member of Discipline Committee**
- e) Membership/Participation in Bodies/Committees
 Education and National Development - **Secretary, IQAC**
- f) Professional Organization of Teachers :
Life Member: Association of Chemistry Teachers (ACT)

E)(a) Membership of Professional Bodies:1. Fellow of Indian Council of Chemists
(Fellowship No. AF/8051)

2. Life Member: International Science
Community Association (ISCA)

(b) Editorship of Journals : Nil

F) Any other information

➤ **Awards and Honors**

- **First Prize in University Level Research Convention Avishkar-2011 at North Maharashtra University, Jalgaon (MS)**
- **First Prize in 6th Maharashtra State Inter-University Research Convention Avishkar-2011-12 at Shivaji University, Kolhapur (MS).**
- **Samaj Gaurav Puraskar-2012 by Kedareshwar Pratishthan, Pune**

- **Second Prize in University Level Research Convention Avishkar-2015 at North Maharashtra University, Jalgaon (MS)**
- **Selected for 10th Maharashtra State Inter-University Research Convention Avishkar-2015-16 at Savitribai Phule Pune University, Pune (MS)**
- **International Young Scientist Best Oral Presentation Award in 6th International Science Congress (ISC-2016) held at Hutatma Rajguru Mahavidyalay, Rajgurunagar, Pune (MS)**
- **First Prize in University Level Research Convention Avishkar-2016 at North Maharashtra University, Jalgaon (MS)**

(Mr. Milind M. Patil)
Assistant Professor
Department of Chemistry