

Vidya Bharati Mahavidyalaya, Camp Amravati

Department of Chemistry

FACULTY PROFILE

1. Name of Teacher: Dr. PRADNYA PARSHURAM NALAWADE
2. Designation: **Assistant Professor**
3. Educational Qualifications: MSc. Ph.D, SET
4. Date of Appointment: 1January 2020
5. Experience in Years: 8 Years
6. Corresponding Address, Email and Contact no.: 40 Telecom Colony, Akoli Road, Near Datta Vihar, Amravati 444607
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7. Area of Research Interest: Metal nanoparticle Synthesis& Surface modification, Radiation & Photochemistry chemistry of newly synthesized organic molecules, Green synthesis of heterocyclic compounds
8. Research Experience: 5 Year
9. Publications:

A. In Journals

S. N.	Name of the Author and Co-author	Title of the paper	Name of the Journal with ISSN /ISBN, Volume and Year	Impact Factor, if any	Peer reviewed or Not	Refereed or Not	H-index	Scopus No.
1	Pradnya Nalawade	Solvent Less Green Synthesis of Substituted Dihydropyrimidinones and their Sulfur Analogues Using Mild Organic Acids	Journal of Emerging technologies and Innovative Research 2023, Vol. 10, Issue. 7, pg. 801-805		Yes	Yes	yes	yes
2	Pradnya Nalawade	Artificial photosynthesis and current status of its application in generating fuels: A	Journal of Emerging technologies and Innovative		Yes	Yes		

		patent analytical study	Research 2022, Vol. 9, Issue. 5, pg. 171-183					
3	Pradnya Nalawade	CONSEQUENCES OF COVID:19 PANDEMIC ON MENTAL HEALTH OF HUMAN BEING ACROSS VARIOUS SECTIONS OF COMMUNITY: A REVIEW	Vidyabharati International Interdisciplinary Research Journal (Special Issue June 2020) pg. 22-28		Yes	Yes		
4	Pradnya Nalawade, Komal Poonia	DIKETONES IN O-HETEROCYCLES: A SYNTHETIC APPROACH OF DERIVATIVE USED IN DRUGS, VOL.7, ISSUE 3, SEP 2020, pg 369-375	Scholars Impact: International Multidisciplinary Multilingual Peer Reviewed Research Journal, VOL.7, ISSUE 3, SEP 2020, pg 369-375		Yes	Yes		
5	Pradnya Nalawade , Poulomi Mukherjee and Sudhir Kapoor	Biosynthesis, characterization and antibacterial studies of silver nanoparticles using pods extract of <i>Acacia auriculiformis</i>	<i>Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 ,	2.25	Yes	Yes	Yes	Yes

			129, 121-124					
6	Pradnya Nalawade, Poulomi Mukherjee and Sudhir Kapoor	Triethyl amine induced synthesis of silver and bimetallic Ag/Au nanoparticles in glycerol and their antibacterial study	<i>J Nanostruct Chem</i> 4 , 113 (2014).	10.1	Yes	Yes	Yes	Yes
7	Pradnya Nalawade, Sergej Naumov and Sudhir Kapoor	Hidden chemistry of substituted aniline radical cations in water: a mechanistic study	<i>Journal of Physical Organic Chemistry</i> , 2014 , 11, 2-9.	3.5	Yes	Yes	Yes	Yes
8	Pradnya Nalawade , Tulsi Mukherjee and Sudhir Kapoor	Green synthesis of gold nanoparticles using glycerol as a reducing agent	<i>Advances in Nanoparticles</i> , 2013 , 2, 78-86	2.25	Yes	Yes	Yes	Yes
9	Pradnya Nalawade and Sudhir Kapoor	Gold nanoflowers based colorimetric sensor for detection of Hg ²⁺ and Pb ²⁺ ions	<i>Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 116 , 132-135	4.8	Yes	Yes	Yes	Yes

10	Pradnya Nalawade , Sergej Naumov and Sudhir Kapoor	Comparative study of p-amino benzhydrazide and m-amino benzhydrazide by free radicals and free electron transfer	<i>Journal of Physical Organic Chemistry</i> , 2013, 11 , 26–37	3.5	Yes	Yes	Yes	Yes
11	Pradnya Nalawade , Tulsi Mukherjee and Sudhir Kapoor	High yield synthesis of multispiked gold nanoparticles: Characterization and catalytic reactions	<i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012 , 396, 336-340	5.5	Yes	Yes	Yes	Yes
12	Pradnya Nalawade , Tulsi Mukherjee and Sudhir Kapoor	Versatile film formation and phase transfer of gold nanoparticles by changing the polarity of the media	<i>Materials Chemistry and Physics</i> , 2012 , 136, 460-465	4.7	Yes	Yes	Yes	Yes
13	Pradnya Nalawade , Tulsi Mukherjee and Sudhir Kapoor	An easy and effective method to synthesize inverted Ag-Au core-shell nanoparticles	<i>International journal of Chemistry</i> , 2012 , 1, 143 – 147.	1	Yes	Yes	Yes	Yes

B. In Proceeding of Conferences/Seminars:

10. Publications other than journal articles (books, chapters in books):

Title with page nos./ Chapter with page no.	Book Title, editor & publisher	Publication International/ National/ Local	ISSN/ ISBN No.
Solvent Less Synthesis of nanomaterials and organic heterocyclic	Recent Trends in Research in Chemical Sciences	National	978-93-5854-449-7

compound: A Brief Review Pg. No. 179-184	Editor: Manojkumar O. Malpani, Dr. Vivek D. Mane, Dr. Prasanna S Pande Publisher:Pragati Prakashan		
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11. Organization of various academic events:

S. No.	Name of the event	Level (International, National, State, University, Local or Institutional)	Duration and Venue
1	Online Quiz	National	20 Days _Online July 2020
2.	Certificate course in basic study of optical methods in chemistry	Institutional	14- 29 th Nov.2022, Dept. of Chemistry, VBMV
3.	One day state level workshop on sophisticated instrumental techniques	State level	14 th March 2023, Dept. of Chemistry, VBMV
4	Certificate course in basic study of optical methods in chemistry	Institutional	16 th October -2 nd November 23, Dept. of Chemistry, VBMV

12. Participation in various conference/ workshops :

Sr. No.	Name of the event	Level (International, National, State, University, Local or Institutional)	Duration and Venue
1	Online Faculty Development Programme	Institutional	18 th – 23 rd May 20 Vidya Bharati Mahavidyalaya, Amravati.
2	Online Faculty Development Programme (Researched Methodology and Tools)	State	11-15 May 2020 Sandip Institute And Researched Center, Nashik
3	Natur`s Altruism and our contribution	State	28 th May -3 rd June 2020, SNP College,Khandwa, M.P.
4	Online National level FDP on “Possessing the Two Wardrobes: Communication and writing”	National	25-31 st may 2020 by BVRIT Hyderabad Womens college of Engineering

5	Online FDP on e-Content Development	State	8 th -15 th June 2020, RLT College of Science, Akola
6	Attended Intellectual Property Rights :- Producers And Policies	State	1 st June 2020 Science College Nanded
7	Five Day Online Workshop for Teachers	National	4 th -8 th June 2020 by Universal Teachers Academy, Paducherryby UTA- Maharashtra and Gujarat
8	Three days online FDP on Vedeo Recording, editing and Uploading tools	State	1 st – 3 rd June 2020, Sipna College of Engineering, Amravati
9	CSIR-SRTP Course	National	June –August 2020
10	Webinar on Future Scope of Chemistry in Research	National	9 th Septeber 2020
11	One day National webinar on “Recent trends in Nano Science”	National	9 th October 2020
12	The International Educational and Skill Summit	International	27 th -30 th January 2021 India Didactics Association
13	4-Week Induction/Orientation Programme for “Faculty in Universities/Colleges/Institutes of Higher Education	National	Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of MINISTRY OF EDUCATION PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING
14	International Conference on Green Initiatives for Environmental Issues & Sustainable Development,	Solvent Less Green Synthesis of Substituted Dihydropyrimidinones and their Sulfur Analogues Using Mild Organic Acids	10-11 Feb 2023, Rasoni University, Amravati
15	Two-week Refresher Course for “Faculty in	National	HRDC – University of Mumbai

	Universities/Colleges/Institutes Of Higher Education”		
16	National conference on Recent Advancement in Science and Technology on 10 th February 2024	National	One day Vidya Bharati Mahavidyalaya, Amravati

DECLARATION:

I hereby declare that the information furnished above is true to the best of my knowledge.

Date :-

(Dr. P. P. Nalawade)