



Name: Mr. Jaydeep Valmik Deore

Designation: Head, Assistant Professor

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Academic Background

Degree	Subject	Year	University
Ph.D. (Pursuing)	Material Science		S.P. Pune University
NET	Chemical Science	2011	UGC, Delhi
M.Sc.	Organic Chemistry	2009	S.P. Pune University
B.Sc.	Chemistry	2007	S.P. Pune University

Experience

Professional Experience (2 years)		
Position	Organization	Period
Research Chemist	Chembiotek a TCG Life Science Enterprise, Pune, Maharashtra, India	2 nd January 2012 to 31 st May 2012
Project Assistant	National Chemical Laboratory, Division of Organic Chemistry, Pune, Maharashtra, India	19 th January 2010 to 30 th September 2011
Teaching Experience (11.5 years)		
Under Graduate: 11.5 years		
Assistant Professor	G. M. Vedak College of Science, Tala, Raigad, Maharashtra	June 2012 to till date
Post Graduate: 6 years		
Assistant Professor	G. M. Vedak College of Science, Tala, Raigad, Maharashtra	June 2018 to till date

Area of Research Interest

- * Synthesis of heterocyclic compounds and their biological application
- * Green synthesis of nanomaterial and their
 - biological applications.
 - Catalytic applications in organic synthesis
 - Photocatalytic applications

Courses Taught

Position	Subject Taught	
	Theory	Practical
F. Y. B.Sc.	Chemistry Paper -I	Chemistry Paper -I
T. Y. B.Sc.	Chemistry Paper -III	Chemistry Paper -III
M.Sc. Part- I	Organic chemistry	
M.Sc. Part-II	Organic Chemistry	Preparation and purification of compounds

Publication:

Research paper published	Impact Factor
Versatile applications of transition metal incorporating quinoline Schiff base metal complexes: An overview Harshad R. Sonawane, Baliram T. Vibhute, Balasaheb D. Aghav, Jaydeep V. Deore , Sanjay K. Patil. https://doi.org/10.1016/j.ejmech.2023.115549	6.7
Synthesis of ZnS Nanomaterials and Their Applications via Green Approaches: An Overview Sonawane, H., Deore, J. , Rajshri, S.Chava P., BioNanoSci. 13, 879–890 (2023). https://doi.org/10.1007/s12668-023-01105-1	3.0
Reusable Nano Catalysed Synthesis of Heterocycles: An Overview. HR Sonawane, JV Deore , PN Chavan ChemistrySelect 7 (8), e202103900. https://doi.org/10.1002/slct.202103900	2.3
Novel furanones: Synthesis and antifungal activity, Hanumant B. Borate, Sangmeshwer P. Sawargave, Subhash P. Chavan, Mohan A. Chandavarkar, Ramki Iyer, Amit Tawte, Deepali Rao, Jaydeep V. Deore , Anand S. Kudale, Pankaj S. Mahajan, Gopinath S. Kangire, Bioorg. Med. Chem. Lett. 2011, 21, 4873–4878. https://doi.org/10.1016/j.bmcl.2011.06.022	2.7
One-step synthesis of 4-alkyl-3-aryl-2,6-dicyanoanilines and their use in the synthesis of highly functionalized 2,3, 5,6,7- and 2,3,4,5,7-substituted indoles, Sangmeshwer P. Sawargave, Anand S. Kudale, Jaydeep V. Deore , Dattatry S. Bhosale, Jaisingh M. Divse. Subhash P. Chavan and Hanumant B. Borate* Tetrahedron Lett, 52 (2011), 5491-5493. https://doi.org/10.1016/j.tetlet.2011.08.064	1.8

Book Chapter Publication

Current Understanding of Microplastics in The Environment: Occurrence, Fate, Risks, And What We Should Do. Harshad R. Sonawane, Pravin N. Chavan, Bhushan B Khairnar, Sawant Rajshri and **Jaydeep V. Deore**, Research Trends in Environmental Science, Volume I, July 2023 (ISBN: 978-93-88901-66-6).

Achievements

- * Secure 76 rank in CSIR-UGC NET December 2011
- * Recognition M. Sc. By paper University of Mumbai
- * Coordinator, CONTECH test organized by Association of Chemistry Teachers (ACT) C/o Homi Bhabha Centre for Science Education (HBCSE), TIFR, Mumbai-400088 & Department of Chemistry, A N College, Patna
- * Coordinator, CHEMIAD Test organized by Savitribai Phule Pune University, Pune.
- * Appreciated by Association of Chemistry Teachers (ACT) C/o Homi Bhabha Centre for Science Education (HBCSE), TIFR, Mumbai-400088 & Department of Chemistry, A N College, Patna event of IUPAC Global Women's Breakfast (GIWoBr) to promote scientific temper across the social sphere with the theme "Empowering Diversity in Science" on 16th February 2022.
- * Appreciated as a Faculty Coordinator for the event hosted on 2/25/2020 at G. M. Vedak College of Science, Project MANAV -The Human Atlas Initiative by a collaborative project between NCCS, IISER-Pune and Persistent Systems, funded by Department of Biotechnology, GOI and co-funded by Persistent Systems Ltd.

Administrative Responsibilities

- * In-charge Principal – 1st January 2024 to Present
- * Head, Department of Chemistry – May 2023 to Present.
- * IQAC coordinator – 2013 to 2019.
- * Member, College Development Committee- 2017 to present.

Responsibilities held in college

- * In-charge, Admission Committee
- * In-charge, Discipline Committee
- * In-charge, Feedback committee
- * In-charge, RUSA committee
- * Member, Examination Committee
- * Member, Website Development Committee
- * In-charge, Time Table Committee
- * In-charge of Department of Lifelong Learning and Extension

Professional Development

Faculty Development Program

- Online Refresher course in “**Chemistry for Higher Education**” conducted by SWAYAM ARPIT ONLINECOURSE and S.G.T.B. Khalsa College, University of Delhi from 1st December to 31st March 2021.
- Participated Five Days National FDP titled “**Innovative Teaching and Research in Science: Exploring the New Horizons**” organised by Science Forum in Association with IQAC, Government First Grade College, Vijayanagar, Karnataka held from 10th to 15th June 2021.
- Online Refresher course in “**MANAGING ONLINE CLASSES AND CO-CREATING MOOCS**” conducted by Teaching Learning Center Ramanujan College, Delhi from 20th April to 6th May, 2020.
- Participated Three Days **Regional Workshop on Research Based Pedagogical Tool** held in Pravatibai Chowgule College of Arts and Science (Autonomous) Gogol-Margao, Goa from 5th to 7th March 2020.
- Completed 21 days residential training programme equivalent to UGC refresher course on “**Degree College Teachers Training Program in Chemistry**” at INDIAN INSTITUTE OF SCIENCE, Challakere campus Kudapura, Karnataka from 22nd November 2018 to 12th December 2018.
- Attended seven days faculty development programme organized by UGC-Human Resource Development Centre, Savitribai Phule Pune University, Pune from 19th March to 25th March 2018.
- Attended the 86th orientation Programme conducted by UGC-Academic Staff College, University of Calicut from 17th September to 16th October 2014.

Conference/Seminar/Workshops

- Presented a paper entitled “Eco-Friendly Methods for Fabricating Nickel Nanoparticles with Applications in Organic Synthesis” at International Seminar on Emerging Trends in Chemical

Science conducted by Dapoli Urban Bank Senior Science College, Dapoli-Ratnagiri (MH) dated 17th February 2023 International.

- Presented a paper entitled "One-pot synthesis of 2-amino-4H-pyran and its derivatives via ultrasound assisted using copper nanoparticle fabricated from Curcuma aromatica plant extract." at Multidisciplinary Approach in Basic and Applied Sciences (MABAS - 2023) conducted by Padmabhushan Dr. Vasantao Dada Patil Mahavidyalaya, Tasgaon, Sangli (MH) India from 23rd & 24th February, 2023.
- Attended National Conference on education, Mangoan-Raigad, held on January 11, 2015
- Attended National Conference on Reflective practices in higher education, Calicut University, Kerala held on September 24, 2014
- Attended National Research Scholar meet-2014 conducted by Indian Chemical Society at C. K. T. college, Panvel, Feb 21-22, 2014
- Attended Workshop Avishkar Research Competition 2013-14 held on September 4, 2013 at Babasaheb Ambedkar College Mahad
- Attended First CRSI Zonal Meeting held at National Chemical Laboratory Pune, India (May 13th and 14th 2011)
- Attended UGC-SAP National symposium on "Advances in synthetic methodologies and new materials" sponsored by UGC and Shivaji University, Kolhapur, India (January 21st and 22nd, 2011)