

RESUME

Dr. Varsha V. Thorat, M.Sc., UGC-SET, Ph.D
Professor, Department of Chemistry,
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Parel, Mumbai.



NAME: Dr. Varsha V. Thorat

DATE OF BIRTH: 15th Dec' 1975

ADDRESS: Millenium Park, 10/701, Hari Om Nagar, Mulund(E) ,
Mumbai-400081.

EDUCATIONAL QUALIFICATION:

DEGREE	YEAR OF PASSING	PERCENTAGE OBTAINED	CLASS OBTAINED	NAME OF THE UNIVERSITY
B.Sc.	May 1996	76.0%	First	University of Mumbai
M.Sc.	May 1998	61.6%	First	University of Mumbai
UGC-SET	Oct' 1999	-----	Qualified	
Ph.D.	Aug' 2016		Conferred	University of Mumbai
RECOGNISED AS A PH.D. GUIDE IN CHEMISTRY (UNIVERSITY OF MUMBAI)				

NAME OF THE GUIDE: Dr. Y. S. Malghe, Associate Professor,
Institute of Science, Mumbai.

TITLE OF THE THESIS: SYTHESIS, CHARACTERIATION AND BIOLOGICAL ACTIVITY OF HETEROCYCLIC COMPOUNDS CONTAINING BIS-1,3,4-OXADIAZOLE MOIETY.

RESEARCH PROJECTS:

- 1) Co-Investigator, University of Mumbai Minor Research Project, (Reference No.-APD/237/138 of 2010 dated 14th January, 2010) , [Amount sanctioned: Rs 22,500/-].

Title of the project:

“Green method for the synthesis of polyhydroxy aliphatic amine and aromatic aldehyde”

- 2) Principal Investigator, University of Mumbai Minor Research Project.(Reference No.- APD/ 237/373 of 2011 dated 29th September, 2011), [Amount sanctioned: Rs 22,500/-].

Title of the project:

“Synthesis, characterization & biological activities of compounds containing derivatives of bis-heterocyclic rings”

LIST OF PUBLICATIONS

Sr. No.	Nature of publication (Book review/ Research Paper etc.)	List of authors as it appear in the publication	Name of the Book & the Publishers/ Journal, issue no. and year of publication, page no.	ISSN/ISBN number	Impact factor (in case of journal)
1	Eco-friendly synthesis of antibacterial active novel Schiff base derived from polyhydroxy aliphatic amine and substituted aromatic aldehyde	Anna R. Anthony and Varsha V. Thorat	National journal- “Research Dimensions” Issue II, volume II, October 2011, 16-20.	ISSN No.- 0976-8564	--
2	Research paper- “Artificial Food Preservative Techniques- A Review”.	Anna R. Anthony and Varsha V. Thorat	National journal- “Research Dimensions” Issue IV, May-2013, 10-13.	ISSN No.- 0976-8564	--
3	Research paper- “Chloramine T mediated synthesis of 2-methylcyano-5-substituted-1,3,4-oxadiazole using microwave irradiation”.	Varsha V. Thorat	National journal- “Research Dimensions” Issue II, Jan-2014, 13-16.	ISSN No.- 0976-8564	--
4	Research paper- “Microwave Assisted Synthesis and Characterization of 1,3,4-Oxadiazole Derivative”.	Varsha V. Thorat	Online International Interdisciplinary Research Journal, Vol –IV, Issue-I, Jan-Feb-2014, 151-155	ISSN No.- 2249-9598	2.089

5	Chloramine-T mediated synthesis of 2,5-disubstituted-1,3,4-oxadiazole using microwave irradiation".	Varsha V. Thorat and Y.S. Malghe	Proceedings of UGC sponsored National Seminar on, "Green Chemistry: A Route To Sustainable Development" 03-12-2013, 68-72	ISBN-978-81-925005-2-2	--
6	Chloramine T Mediated Synthesis Of 2-Substituted-5-(2-Thiophene)-1,3,4-Oxadiazole Using Microwave Irradiation	Varsha V. Thorat	IOSR Journal Of Applied Chemistry Vol.7, (11), Nov.2014 Page No. 46 -48	ISSN: 2278-5736	1.238
7	Tandem synthesis of thia-oxadiazolophanes	Yuvraj Malghe, Varsha Thorat, Abhay Chowdhary, Anil Bobade, V. N. Patil	Journal Of Chemical and Pharmaceutical Research. 7(5) May-2015. Page No. 729-734	ISSN: 0975-7384	---
8	Synthesis, characterization and biological activities of new bis-1,3,4-oxadiazoles	Yuvraj Malghe, Varsha Thorat, Abhay Chowdhary, Anil Bobade	Journal Of Chemical and Pharmaceutical Research June-2015. 7(6) Page 392-398	ISSN: 0975-7384	---
9	Synthesis and study of anti-inflammatory activity of bis-1,3,4-oxadiazole derivatives	Yuvraj Malghe, Varsha Thorat, Abhay Chowdhary, Anil Bobade	International Journal of Chemistry, Vol. 5 (2), April-June 2016. PAGE No. 152 to 157	ISSN: 2249- 2119	1.038
10	Microwave Assisted Synthesis of bis-1, 3, 4 - oxadiazole Derivative	Varsha V. Thorat	International Journal of All Research Education & Scientific Methods, (IJARESM). An ISO & UGC Certified Peer-Reviewed Multi-disciplinary Journal, Volume 9 Issue 6, June- 2021 Pag No. 1884 to 1887	ISSN: 2455-6211	7.429
11	1,3,4-Oxadiazole As A Pharmacologically Active Moiety: A Review	Varsha V. Thorat	International Journal of All Research Education & Scientific Methods, (IJARESM).	ISSN No: 2455-6211	

			An ISO & UGC Certified Peer-Reviewed Multi-disciplinary Journal, Volume 9, Issue 7, July – 2021 Page No.3811 to 3818		
12	A Review on Synthetic Routes of 1,3,4-Oxadiazoles	Varsha V. Thorat	International Journal of All Research Education and Scientific Methods (IJARESM), Volume 9, Issue 8, August -2021. Page No. 470-484	ISSN: 2455-6211	
13	Microwave Assisted Synthesis and Thermal Behavior Study of a Compound Containing 1, 3, 4 - Oxadiazole Rings	Varsha V. Thorat	International Journal of Science and Research (IJSR). Volume 10 Issue 9, September 2021. Page No. 126 to 128	ISSN: 2319-7064	
14	Microwave Synthesis, Thermal Behavior And Antimicrobial Studies Of Compound Containing Bis-1, 3, 4-Oxadiazole Moiety	Varsha V. Thorat	International Journal of All Research Education & Scientific Methods (IJARESM) Volume 9 Issue 9, September- 2021 Page No. 377 to 380	ISSN: 2455-6211	_____
15	Evaluation of Antimicrobial Activity of Some Thia-1, 3, 4- Oxadiazolophanes	Varsha V. Thorat	International Journal of Science and Research (IJSR), Volume 11 Issue 2, February 2022, Page No. 957 to 959.	ISSN: 2319-7064	_____
16	Determination Of Antimicrobial Activity Of Some Bis-1,3,4- Oxadiazoles	Varsha V. Thorat	IOSR Journal of Applied Chemistry (IOSR-JAC), Volume 15, Issue 2 (February 2022), Page No. 11-13	e-ISSN: 2278-5736	_____

BOOK PUBLISHED:

Published a book titled, A GUIDE TO ELECTRON MICROSCOPIC METHODS: SCANNING ELECTRON MICROSCOPY AND TRANSMISSION ELECTRON MICROSCOPY. [ISBN No. ISBN - 978-93-91522-42-1], Walnut Publication, Trisha Priya, Publishing Agency: Vyusta Ventures LLP.

PAPERS PRESENTED IN SEMINARS AND CONFERENCES ATTENDED

- Presented a paper titled, “Jatropha cultivation and biodiesel production- A step towards Ecotourism in Hamirpur”, in a state level seminar held at Maharshi Dayanand College, Parel, Mumbai (13-02-2010). (Full length paper in proceeding).
- Presented a paper titled, Chloramine-T mediated synthesis of 2,5-disubstituted-1,3,4-oxadiazole using microwave irradiation in an UGC sponsored National Seminar on, “Green Chemistry: A route to sustainable development” organised by Department Of Chemistry, Maharshi Dayanand College in collaboration with Association of Chemistry Teachers (13-12-2013).
- Presented a paper titled, “Eco-friendly synthesis of anti bacterial active Schiff base derived from poly hydroxyl aliphatic amine and substituted aromatic aldehyde” in an International conference organised by Association of Chemistry Teachers (ACT) & Homi Bhabha Center for Science Education (12-11.2010 to 14-11-2010)
- Attended and presented a paper titled, “ Role Of Virtual Laboratories In Science Education: A Case Study” in an UGC sponsored International seminar on ICT As Change Agent In Higher Education, organised by Maharshi Dayanand College, Parel, Mumbai (03-02-2012 & 04-02-2012).
- Attended and presented a paper titled, “Synthesis And Characterization Of New Heterocyclic Compounds containing bis-1,3,4-Oxadiazole moiety” in Research Scholars Meet -2012 held at The Institute of Science , Mumbai (28-02-2012).
- Attended and presented a paper, “Synthesis, Characterization and anti-inflammatory evaluation of bis-1,3,4-oxadiazole derivatives” in a UGC-SAP sponsored National conference on, “Advances in Synthetic and Materials Chemistry” held at University of Mumbai, Mumbai (10-03-14 to 11-03-14).

- Attended and presented a paper titled, “Synthesis and application of copper nanoparticles: A Review” in a UGC sponsored National seminar on, “Nanomaterials: The Indian Perspective” held at Maharshi Dayanand college, Mumbai. (22-01-2015)
- Attended and presented a paper titled, “Microwave Assisted Synthesis Of Oxygen And Nitrogen Containing Heterocycle” In a UGC sponsored International Conference at Smt. Chandibai Himathmal Mansukhani College (12-01-2015 to 13-01-2015).
- Attended and presented a paper titled, “Rapid and efficient synthesis of 1,3,4-oxadiazole derivative”, in Virtual International Conference On Multifunctional Advanced Materials (VICMAM-2021)’ organized by Department of Chemistry, JVM’s Degree College in collaboration with Association of Chemistry Teachers on 9th and 10th August, 2021.

Dr. VARSHA V. THORAT
