



Name : Dr. Madhuri S. Kulkarni

Designation : Associate professor, Head of the Department

Qualification: M. Sc. (Organic Chemistry), NET, Ph.D.(Organic Chemistry)

Experience :Teaching: 17 years (UG and PG) **Research:** 18 years

Area of interest : Organic Chemistry. Organic Spectroscopy, Heterocyclic Chemistry etc.

Awards and :

Fellowships

- National Merit Scholarship for 5 years
- Recipient of CSIR-UGC JRF-SRF for 5 years
- Second prize for best innovation at a national conference.

Projects

Completed

3	1. 2009-2011	Synthesis and evaluation of antibacterial peptide deformylase inhibitors.	BCUD-UOP funded (Rs.1.00,000)
1	2. 2010-2012	Synthesis of Naftifine Related Allylamine Antimycotics	UGC funded Minor (Rs.1,75,000)

Research Publications

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- **M.N. Kanvinde**, S.A.Kulkarni, M.V.Paradkar; Mild and efficient conversion of 2,2-dimethylchromans into chromanones using can: synthesis of graveolones; Synthetic Communications, 1990, 20(21), 3559-3264
- **M.S. Kulkarni**, R.M.Kelkar, M.V.Paradkar; Unusal behaviour of DEBM: Convenient synthesis of 2-aryl-3(2H)-benzofuranones, 1993, 23 (7), 961.
- M.S Kulkarni, S.A.Kulkarni, H.M. Godbole, M.V. Paradkar; Synthesis of naturally occurring 6-Acyl-7-methoxy coumarins, J. Chem. Research (S) , 1995, 262-263.
- M.V.Paradkar,**M.S.Kulkarni**,S.A.Kulkarni,H.M. Godbole, Efficient preparation of 4-Substituted-6-Acyl-7-Methoxycoumarins; Organic Preparations and Proceeding Internationals BRIEFS,1996, 28 (3), 264-267.

- **Madhuri.S.Kulkarni** , Revati Nagarkar A Convenient Synthesis of Exoderil” Environment Observer, 201, 2013, ISSN 2322-5997 Volume-13 .
- **Madhuri.S.Kulkarni and Ketaki Saravate** Green Synthesis of a novel derivative of 3,4-dihydro-pyrimidinones ‘Proceedings of National conference on Advances in Chemical Sciences with special reference to Mol.Spectroscopy, Material Science and organic electronics, Pg. 24, 2014 ISBN No. 978-93-5196-222-9
- S.M.Chavan, N.V.Rathod, **Madhuri S. Kulkarni** ,A.B. Patil and D.D. Malkhede*Liquid liquid extraction of Cd²⁺ and its complexation study by p-t-butylthiacalyx. Research Journal of Chemical Sciences,Vol.6(4), 1-7, April 2016
- **Dr. Madhuri Kulkarni, Dr. Mohini Gupte, Bhavna Nikumbh and Kajal Katkar**
(T. Y. B.Sc)
‘Analysis of bottled water samples in and around Pune region’
The Pharma Innovation, Vol. 7, Issue 1, 2018, 231-234.
- **Dr. Madhuri Kulkarni, Dr. Ritu Mamgain, Ketaki Saravate and Revati Nagarkar**
‘Synthesis of Imidazoles using wet Cyanuric chloride’
The Pharma Innovation Vol. 7, Issue 1, 2018,153-155

Conferences:

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- Presented paper “A Convenient Synthesis of Exoderil” at National Conference on Frontiers in Physical Chemical and Biological Sciences at Department of Chemistry University of Pune during 4-6 Oct 2013
- Participation in National Seminar on “Recent trends in Chemical and Material Science” “Global challenges-The role of chemistry in giving their solutions, at Y. M. College, Pune on 12 -13 January 2013.
- Coordinator of Workshop on “NET-SET Guidance” on February 22-24th, 2013. Convener of National Seminar on “Newer Trends in Chemical Research and Writing of Scientific Research Papers” on Feb 2-4th, 2012.
- Participation in “CRSI zonal meeting in May 13-14 2011,Chemical education programme.”,at NCL, Pune-08 Published a paper in National Seminar on “Advances in Chemical sciences with special referenc to Molecular Spectroscopy, Material Science and Organic Electronics”, at Fergusson College, Pune on 19 -20 December 2014.

Workshops:

- Coordinator of National Seminar (2-4 Feb 2012) funded by UGC and 4 NET and SET guidance workshops.
- Coordinator for National Conference on Chemical Sciences: An Interdisciplinary Approach funded by Dept. of Biotechnology,

Ministry of Science and Technology, Govt. of India(18-20 January, 2018)

- Attended international training programme on “Leadership and Career Development for Women Scientists and Technologists” held during 8th September-12th September 2014 at Bengaluru.
- Coordinator of S.Y.B.Sc. Syllabus Restructure workshop at Modern College Ganeshkhind, Pune on September 28th 2013.
- Coordinator of two day workshop on “Developing Technical Skills for Placement” in Feb 2014
- Attended Faculty Development programme for senior faculty of science on 2nd June- 8th June 2014 at Modern College, Shivajinagar, Pune-04
- Refresher course in Chemistry at Dept. of Chemistry, SPPU, from 1.12.14 to 21.12.14 organized by UGC, Academy Staff College, Pune.