

Dr. Madhuri Kulkarni

Associate Professor and Head, Dept of Chemistry
P.E.S's Modern College of Arts, Science and Commerce,
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Educational Qualifications: M.Sc. Ph.D.[Organic Chemistry] Pune University, Diploma in German Language [Pune University], Diploma in Indology [Tilak Maharashtra Vidyapeeth]

Awards and Fellowships:

- National Merit Scholarship [1981-86]
- CSIR-UGC JRF and SRF [1989-94]
- Best Innovative Teacher Award [International Conf. 2015]
- Recognition as Research Guide- M.Phil and Ph.D.[2021]

Teaching Experience: 22 years

Research Interest Area: Synthetic organic chemistry, Heterocyclic chemistry, Analytical Chemistry, Medicinal Chemistry etc.

Research Publications:

1. Analysis of bottled water samples in and around Pune region The Pharma Innovation Journal, 7(1),231-234, 2018 **Madhuri Kulkarni**, Mohini Kute, Bhavana Katkar and Kajal Shinde
2. One pot solvent free synthesis of 2,4,5-trisubstituted imidazoles using wet cyanuric chloride The Pharma Innovation Journal, 7(1),153-155, 2018
3. Liquid liquid Extraction of Cd²⁺ and its complexation study by p-t-butylthiacalix(4)arene Research Journal of Chemical Sciences, 6(4), 1-7, 2016 **Madhuri Kulkarni**, Santosh Chavan, Nilesh Rathod, Arun Patil and Dipalee Malkhede
4. A convenient synthesis of Exoderil Environment Observer, 201-202, 2013 **Madhuri Kulkarni** and Revati Nagarkar

5. Efficient Synthesis of 3-arylphthalides J. Chemical Research (S), 332-3, 1998. **M.S. Kulkarni**, M.V. Paradkar, A.A. Ranade, S.A. Kulkarni, H.M. Godbole and A.R. Joseph
6. Efficient preparation of 4-substituted-6-acyl-7-methoxycoumarins Organic Preparations and Procedures Internationals BRIEFS, 28(3), 264-267, 1996 **M.S. Kulkarni**, M.V. Paradkar, S.A. Kulkarni, H.M. Godbole
7. Synthesis of 6-acyl-7-methoxycoumarins J. Chemical Research (S), 262-3, 1995. **M.S. Kulkarni**, M.V. Paradkar, S.A. Kulkarni, H.M. Godbole
8. Unusual Behaviour of DEBM: Convenient synthesis of 2-aryl-3(2H)-benzofuranones, Synthetic Communications, 23(7), 961, 1993 **M.N. Kanvinde**, R.M. Kelkar, M.V. Paradkar
9. Mild and Efficient conversion of 2,2-dimethylchromans into chromanones using CAN: Synthesis of graveolones Synthetic Communications, 20(21), 3559-3264 **M.N. Kanvinde**, M.V. Paradkar, S.A. Kulkarni

Research Projects completed:

1. Sanctioned by UGC Rs. 1,75,000 (2010-12)
2. Sanctioned by BCUD, SPPU Rs. 1,00,000 (2009-11)

Research Projects of UG/PG students -50

- Member of Syllabus subcommittees for Organic Chemistry S.P. Pune University
- Life Member of Indian Women Scientists Association