

Shri. R. D. Tasgaonkar

M. Sc. (Organic Chemistry)

Associate Professor & Head,

Department of Chemistry,

Jaysingpur College, Jaysingpur

Date of Appointment : 6th September 1990



Teaching Experience

UG: 29 years

PG: 9 years

Research Projects (Grants Received):

1. Synthesis and Characterisation of metal oxide coated silica nanoparticles for organic applications, funded by UGC, 2015, Rs. 70000/- (Completed)
2. Green synthesis of metal oxide and their Applications, Funded by Jaysingpur College, Jaysingpur, Rs. 5000/- (Ongoing)

Research Papers and Conferences:

1. G. H. Nikam, B. V. Tamhankar, R. D. Tasgaonkar, R. S. Dhabbe, S. R. Sabale, Dye Industry waste water treatment using adsorbent obtained from agriculture waste, National Conference on Frontiers in Chemistry-2013, S. G. M. College, Karad, 26-27th December, 2013 (ISBN-978-93-5137-576-0)
2. S.R. Sabale, G.H. Nikam, R.D. Tasgaonkar, B.V. Tamhankar and B.S. Mohite, Extraction, determination and remediation of pesticide residues from water sample using liquid chromatography tandem mass spectrometry, National Seminar on Advanced Spectral Methods of Analysis, Dec. 16-17th 2011, KBP College, Pandharpur.
3. S. R. Sabale, R. D. Tasgaonkar, G. H. Nikam, R. R. Kumbhar, Equilibrium study of Na₂S₂O₃ + Isopropanol + Water Ternary System to Construct Phase Diagram, National Conference on Research in Chemical Sciences"-2013 (CRCS- 2013), 22-23rd January 2013, Department of Chemistry, Shivaji University, Kolhapur.
4. S. R. Sabale and R. D. Tasgaonkar, Analytical applications of polymeric crown ethers for separation of metal ions, One day state level seminar on Emerging trends in Chemistry through green approach ETCTGA-2013, Smt. K.W.C. College, Sangli, 1st October 2013.

5. R. D. Tasgaonkar, K. S. Pakhare, R. J. Kamble, B. M. Sargar, S. R. Sabale, Synthesis of TiO₂ photocatalyst for degradation of methyl orange dye, National Conference on Recent trends in Chemical Sciences, Devchand College, Arjunnagar, 18-19th September 2014.
6. Prashant Chikode, R. D. Tasgaonkar, Sandip Sabale, Studies on catalytic activity of MnFe₂O₄ and CoFe₂O₄ MNPs as mediators in hemoglobin based biosensor, International Conference on, Materials and Environmental Science(ICMES-2018), YPSC , Solankur, Shivaji University, Kolhapur, 7-8th December 2018.
7. Anil Salokhe, R. D. Tasgaonkar, S. R. Sabale*, Synthesis of Sugarcane juice mediated MgFe₂O₄ Magnetic Nanoparticles for photocatalytic applications, National Conference on Recent Trends in Pure and Applied Sciences, Dr PKM sangli, 23rd March 2019.
8. Subhangi Mane-Gavade, Swapnil Kamble, R. D. Tasgaonkar, Sandip Sabale, GREEN SYNTHESIS OF ZnO NANOPARTICLES USING CALOTROPIS GIGANTEA LATEX, National conference on Advances in Chemical Sciences, 8th January 2020, Y.C. College of Science, Karad.
9. Shubhangi Mane-Gavade, Pravin Patil, Amruta Koli, Vinayak Gawade, Raju Tasgaonkar, Amit Supale, Sandip Sabale, Carambola Fruit and Calotropis gigantea Latex mediated Cu NPs for antibacterial activities, 2nd National Conference on Recent Trends in Pure and Applied Sciences, 11th January 2020, Dr. P.K. Mahavidyalaya, Sangli.