

## **BIODATA**

**NAME** : **Dr. Smt. Mangal Rameshrao Bagal**

**DESIGNATION** : **Assistant professor**

**DEPARTMENT** : **Chemistry**

**QUALIFICATION** : **M.Sc. Organic Chemistry Ph.D.**

**E-MAIL** : : [mrbagalchem@gmail.com](mailto:mrbagalchem@gmail.com)

**TEACHING EXPERIENCE** : **10 year**

**RESEARCH EXPERIENCE** : **05 years**

**RESEARCH ARTICLES PUBLISHED** : **15**

**LIST OF PUBLICATIONS** : **10**

- 1) Mangal R Bagal, Uzma Parveen K. Shaikh, Mahadeo A. Sakhre, Sayujjata R. Vaidya, Macchindra K. Lande and Balasaheb R. Arbad<sup>□</sup>; Spectrophotometric determination of Palladium (II) with N-Decylpyridine-4-amine from malonate media; Journal – Indian Chemical Society, Vol 91, May 2014, PP. 845-851.
- 2) Mangal R Bagal, Uzma Parveen K. Shaikh, Umrao B. Shep, Macchindra K. Lande and Balasaheb R. Arbad<sup>□</sup>; Spectrophotometric determination of Ruthenium (III) with N-Decylpyridine-4-amine from Succinate media; Journal – Indian Chemical Society, Vol 91, July 2014, PP. 1255-1260
- 3) Mangal R Bagal, Ashish O. Dhokte, Sayujjata R. Vaidya, Macchindra K. Lande and Balasaheb R. Arbad<sup>□</sup>; Spectrophotometric determination of Pt (IV) with N-Decylpyridine-4-amine from Succinate media; Journal – Indian Journal of Chemical Technology, Vol 23, Jan- 2016, PP. 1255-1260
- 4) Mangal R Bagal, Uzma Parveen K. Shaikh, Ashish O. Dhokte, Macchindra K. Lande and Balasaheb R. Arbad<sup>□</sup>; Rapid Solvent extraction of gold (III) with high molecular weight amine from malonate media; Journal – Scholars Research Library, Archives of Applied Science Research, 2013, S(5): 131-137
- 5) Mangal R Bagal, Mahadeo A. Sakhre, Macchindra K. Lande and Balasaheb R. Arbad<sup>□</sup>; Liquid – Liquid extraction of Rh (III) with new extractant N-Decylpyridine-4-amine from malonate media; Journal – International Journal of Analytical and Bioanalytical Chemistry 2014; 4(1): 1-6
- 6) Uzma Parveen K. Shaikh, Mangal R Bagal, Kaluram N. Vidhate, Macchindra K. Lande and Balasaheb R. Arbad<sup>□</sup>; Extraction of Rhodium (III) from malonate media using 4-(4-ethylbenzylidene-1 amino)-5-methyl-4H-1,2,4-triazole-3-thiol (EBI-MTT); Journal – Indian Chemical Society, Vol 89, Dec-2012, PP. 1659-1663
- 7) Sayujjata R. Vaidya, Mangal R Bagal, A S Kirdant and T K Chondhekar<sup>□</sup>; A Potentiometric Study of ternary complexes of transition metals with  $\beta$ -Diketone ligands; Journal – International Journal of Analytical and Bioanalytical Chemistry 2014; 4(4): 81-84

- 8) Sayujjata R.Vaidya,Mangal R Bagal, A S Shelke,S M Jadhav and T K Chondhekar □;A Potentiometric Study of binary complexes of transition metals ions with  $\beta$ -Diketone ligands; Journal –American International Journal of Research in formal ,Applied & Natural Sciences,9(1),Dec 2014-Feb-2015,PP 26-29
- 9) Sanjivani Sonar,Sayujjata R.Vaidya,Mangal R Bagal and T K Chondhekar □Synthesis and characterization of Schiff base ligands and their antimicrobial activity; Pelagia Research Library,Advances in Applied Science Research,2016,7(1):13-16
- 10) Mahadeo A.Sakhre,Ashish O Dhokte,Mangal R Bagal and Balasaheb R.Arbad □Spectral and antimicrobial studies on Nd(III),Sm(III) and 6d(III) complexes with atetraaza macrocyclic ligand; Journal –American International Journal of Research in formal ,Applied & Natural Sciences,4(1),Sep-Nov 2013,PP.47-52

**(Mangal R. Bagal)**

