


Faculty Name	Dr. Roopa K P	
Designation	Assistant Professor G1	
Educational Qualification	M.Sc., M.Phil., Ph.D	
Experience	19 years	
Email-ID	roopakp@sapthagiri.edu.in	

Area of Interest:

- Inorganic Chemistry

Membership in Professional Bodies:

- -

Awards/Recognitions/achievements: -

Publications: International/National Journals

1. Roopa K P, Jayanna B K, and Nagaraja P. “ Spectrophotometric method for the determination of cefepime, cefazolin sodium and cefalothin sodium in pure and pharmaceutical dosage forms by using Ninhydrin”, Int. J. Pharm. Pharm. Sci, 7(5), 194-199, 2015, ISSN: 0975-1491.
2. Jayanna B K, Roopa K P, Devaraj T D, Nagendrappa G, Arun Kumar H R, Gowda N.“ Spectrophotometric estimation of Risperidone in Tablets”. Ind. J. Pharm. Sci, 76(5), 452-455, 2014. ISSN: 0250-474X.
3. Roopa K P, Jayanna B K, and Nagaraja P. “Redox reaction based spectrophotometric assay of some drugs in pharmaceuticals”, Int. J. Pharm. Pharm. Sci, 7(8), 151-156, 2015, ISSN: 0975-1491.
4. Roopa K P, Jayanna B K, and Nagaraja P. “Spectrophotometric Determination of Dobutamine Hydrochloride in Pharmaceutical Formulations”, Int. J. Pharm. Sci. Rev. Res, 32 (1), 55 – 60, 2015, ISSN: 0976-044X.
5. Roopa K P, Jayanna B K, and Nagaraja P. “ Spectroscopic Method for the Determination of Drugs Containing Phenol Group by Using 2, 4- Dinitro Phenyl hydrazine”, Am. J. Pharmtech. Res, 5(1), 531-542, 2015, ISSN: 2249-3387.
6. Roopa K P, Jayanna B K, and Nagaraja P. “ Sensitive and validated spectrophotometric methods for the determination of Phenylephrine Hydrochloride and Pyridoxine Hydrochloride in pharmaceuticals using Ce(IV) ammonium sulphate and N-Bromosuccinimide based on redox reaction”, In. J. Bio. Pharm. Res, 6(1), 56-62, 2015, ISSN: 2229-7480.
7. Roopa K P, Jayanna B K. “Spectrophotometric determination of some cephalosporins in bulk and in pharmaceutical formulations”, Anal. Chem. Lett, 6(2), 143-152, 2016, ISSN: 2230-7532, DOI: 10.1080/22297928.2016.1191970.
8. Jayanna B K, Roopa K P, Devaraj T D. “Spectrophotometric estimation of Lamotrigine in Tablets” Ind. J. Pharm. Sci, 78(5), 657-662, 2016.

9. Roopa K P, Jayanna B K, and Nagaraja P. "An experimental design approach for optimization of spectrophotometric estimation of Mirabegron in bulk & pharmaceutical formulations", *J. Anal. Chem.*, 73(9), 884-893, 2018, ISSN: 1061-9348, DOI: 10.1134/S1061934878090095.

International/National Conferences

1. Roopa K. P, Jayanna B. K, "Spectrophotometric estimation of Lamotrigine in tablets" paper presented in the national conference at M. S Ramaiah Institute of Technology, Bangalore, India, during 20th-21st June 2013.
2. Roopa K. P, Jayanna B. K, "A facile Spectrophotometric method for the determination of carbazepine in tablets" paper presented in the national conference at Sri Jaya Chamarajendra college of Engineering, Mysore, India, during 3rd & 4th of January 2014.
3. Roopa K. P, Jayanna B. K, and Nagaraja. P, "Spectrophotometric Assay of drugs using 2, 4-Dinitro phenyl Hydrazine" paper presented in the national conference at K. S. School of Engineering and Management, Department of chemistry, Bangalore, India, during 5th May 2015.
4. Roopa K P, "Optimization & validation of the spectrophotometric methods for the assay of Dexmedetomidine Hydrochloride in pure & dosage forms" paper presented in the national conference at University of Mysore, Department of studies in Chemistry, Mysore, India, during 8th & 9th of March 2019.

