

## FACULTY PROFILE

Name of the faculty	Dr. Roopa K P
Designation	Assistant Professor
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## Educational Qualification

Degree	Specialization	University	Year of Passing
M Sc	Analytical Chemistry	Mysore University	1999
M.Phil	Inorganic Chemistry	Periyar	2007
Ph. D	Inorganic Chemistry	Bharathiar	2018

## Work Experience

Teaching	Research	Industry
19.5	5	

## Publications

National/International Journals	National/International Conferences	Books Authored/Edited
10	4	

## Area of Interest

Drug Analysis	

## Membership in Professional Bodies/University Bodies/Organization

- Life Member ISTE

## List of Funded Projects

## Patents

# Publications

## National/International 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.
10. Roopa K P, Basavaiah K, and Jayanna B K. “Optimization and validation of the spectrophotometric methods for the assay of Dexmedetomidine hydrochloride in pure and dosage forms”. Journal of Applied Spectroscopy., 86(4), September, 2019, DOI: 10.1007/s10812-019-00888-0, UDC 543.42.062:615.012.8.

## National /International 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 20<sup>th</sup>-21<sup>st</sup> 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 3<sup>rd</sup> & 4<sup>th</sup> 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 5<sup>th</sup> May 2015.
4. Dr. 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 8<sup>th</sup> & 9<sup>th</sup> of March 2019.

## Faculty Development Programme Participated

1. One week VTU- VGST FDP on “ Recent Advances in Applied Chemistry and Nano Technology” from 26-03-2012 to 30-03-2012 organized by Department Of Chemistry, JSSATE,.
2. FDP on “Teacher Empowerment” held in Sapthagiri college of Engg, Bengaluru from 23-07-2018 to 25-07-2018.

## Workshop Attended

1. One day workshop on “ Insights of Science in Engineering Technology” organized by Department of Basic Science, Sri Krishna Institute of Technology, Bengaluru on 1<sup>st</sup> May 2017.

## Awards/Recognition/Achievement/Others

