




P.E.S. College of Engineering, Mandya - 571401

(An Autonomous Institution, affiliated to VTU, Belagavi)

Faculty Profile

General

Name	Dr. Chandrashekar	
Designation,	Assistant Professor	
Department & Affiliated Institution	Department of Chemistry, P.E.S College of Engineering, Mandya – 571 401	
Research Area	Physical organic Chemistry, Reaction kinetics	
Contact Number	+91 9742167662	
Email ID	chandrashekar_pes@rediffmail.com	

Academic Profile

Educational Qualifications

Degree	College	University	Year of Passing	% ge	Class
Ph. D	Department of Studies in Chemistry	University of Mysore, Mysuru	2013	-	-
M. Sc.,	Department of Studies in Chemistry	University of Mysore, Mysuru	1997	64	I - Class
B. Sc.,	Govt. College for boys, Mandya	University of Mysore, Mysuru	1995	53	II - Class

Professional Experience

Organization and Department	Designation	Period	Total Experience
P.E.S. College of Science ,Mandya	Lecturer	1997-2000	03 Years
P.E.S. College of Engineering, Mandya	Lecturer, Assistant Professor,	2000 to2006 2006 to Till date	20 years

Reports on Academic and Research Activities

Academic Activities

Teaching Records (Details of courses taught)	<i>B.E (Undergraduate)</i> -Chemical Energy Sources and Alternative fuels, Electrochemistry and Electrochemical cells, Battery technology, Corrosion science and Metal finishing, Material science and Polymer, Water pollution and Technology. <i>Engineering Chemistry Lab</i> - Quantitative analysis, <i>Industrial Chemistry</i> (Open Elective for 8 th semester)
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Research Guidance (Candidates Awarded / Pursuing Ph.D / M.Sc., Engg./ M.Phil)

Degree	Ph. D.	M.Sc., Engg.	M.Phil
Awarded	Nil	Nil	Nil
Pursuing	01	Nil	Nil

Sponsored Research Projects (List of Projects taken up /completed and funds receiver & funding sources)

Project Title	Project Funded by	Grants Sanctioned	Grants Received
Nil	Nil	--	Nil

Research Publications in Refereed Journals and Conferences/Symposia

Number of Publications in	National	International
Journals	Nil	11
Conferences/Symposia	05	12

Other Important Responsibilities Held in the College

1. Department Research Coordinator, website Coordinator, IQAC coordinator, NPTEL Coordinator	2. BoS and BoE Member 3. Administrative officer –Swimming pool(PET)
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PUBLICATIONS
LIST OF JOURNALS

1. Shashikumar.T.S, Shivalingegowda and **Chandrashekar**, (2020).
Studies on Gamma dose rates in indoor and outdoor Environment of Hassan city, Karnataka,
Radiation Protection Dosimetry. doi:10.1093/rpd/ncaa003 PP, 1-6.
2. **Chandrashekar**, (2019)
Oxidation of Niacinamide by Sodium –N-chlorobenzenesulphonamide (CAB) in acid Medium
Catalysed by Ru(III) Ion: Kinetic and Mechanistically,
International Journal of Scientific Research and Reviews 8(3), PP, 454-463.
3. **Chandrashekar**, Siddaraju B.P. and Shivakumara, K.C. (2018).
Ruthenium (III) catalysed oxidation of niacin by chloramine-B in Hydrochloric acid medium: a
kinetic study.
International Journal of Current Research 10, (01), PP- 63806-63817.
4. **Chandrashekar**, Radhika, R.T, Venkatesha, B.M, Ananda S, Shivalingegowda,
Shashikumar T.S, Ramachandra. H. (2016).
Oxidation of Amitriptyline by-Bromamine-T in acidic buffer medium: A Kinetic and Mechanistic
Approch; International Journal of Chemical, Molecular, Nuclear, Material and Metallurgical,
Engineering. vol-10, no.8 pp 1049-1054.
5. **Chandrashekar**, Radhika, R.T. Venkatesha, B.M. Ananda, S, Kattimani V.R. (2016).
Spectrophotometric Kintic investigation of oxidation of Amitriptyline by N-bromo-
p- benzenesulphonamide in acidic buffer (pH=1.2) medium.
World Journal of Pharmaceutical Research. vol-5 issue 2 pp 1411-1422.
6. **Chandrashekar**, Radhika, R.T. Venkatesha, B.M. Ananda, S. (2014).
Oxdative Decolorisation of Indigocarmine dye by Chloramine-T in acidic buffer (pH= 5.8) medium
catalysed by Nitrite ion: A Kinetic and Mechanistic study.
International Journal of Current Research. 6, (5), PP- 6781-6786 .
7. **Chandrashekar**, Venkatesha. B.M, Ananda S, Madegowda. N. M. (2014).
Oxidation of Piperazines by Bromamine-B in Acidic Buffer Medium: A Kinetic Mechanistic Study.
Research and Reviews: Journal of Chemistry. Vol. 3, issue 4, PP-1-8.
8. **Chandrashekar**, Radhika, R.T. Venkatesha, B.M. Ananda, S. (2014).
Kinetic and Mechanistic Study of Oxidation of Nicotinamide by Bromamine-T in hydrochloric acid
medium catalysed by Ru(III) ion.
International Journal of Current Research. 6,(1), PP- 4567-4571.
9. **Chandrashekar**, Venkatesha. B.M, Ananda S, Madegowda. N. M. (2013).
Kinetic and Mechanistic Study of Oxidation of Piperazines by Bromamine-T in Acidic Medium.
Modern Research in Catalysis (MRC), 2, PP157-163, (USA)
10. **Chandrashekar**, Venkatesha. B.M, Ananda. S . (2012).
Kinetic and Mechanistic Study of Oxidation of Cholesterol by Chloramine-T in Alcohol Medium.

International Journal of Analytical, Pharmaceutical and Biomedical Sciences.1, (3), PP- 59-63.

11. **Chandrashekar**, Venkatesha. B.M, Ananda. S. (2012).

Kinetics of Oxidation of Vitamin-B₃ (Niacin) by Sodium N-bromo-benzenesulphonamide (Bromamine-B) in HCl Medium and Catalysis by Ru(III) ion.

Research Journal of Chemical Sciences (International Science Congress Association) 2,(8), PP 1- 5.

PAPER PRESENTATION AT CONFERENCES

1. Kinetics of oxidation of Amitriptyline drug by Chloramine-T in acidic buffer media: Spectrophotometrically.

International conference on ISCA by University of Agricultural Sciences, GKVK, Bangalore , Karnataka on 3-7th Jan 2020.

Chandrashekar, Venkatesha, B. M. Ananda S, Ramachandra H.

2. Oxidation of Nicotinamide by sodium N-chloro benzenesulphonamide (CAB) in acid medium catalysed by Ru(III) ion: Kinetic and Mechanistically.

International conference on ISCA by Lovely Professional University Jalandhar, Punjab on 3-7th Jan 2019

Chandrashekar, Shivakumara. K.C and Prashanth.P.A.

3. Oxidation of Nicotinamide by Bromamine-B in hydrochloric acid medium catalysed by ruthenium (III) ion: A Kinetic and mechanistically

National conference organized by Department of Industrial Chemistry Kuvempu University Shankaraghatta, Shivamogga on 9-10th Feb. 2018

Chandrashekar,. Ramachandra H, Ananda S, Venkatesha B. M.

4. Ruthenium (III) catalysed oxidation of Niacin by Chloramine-B in hydrochloric acid medium: a Kinetic Study.

International conference on ISCA by Osmania University Hyderabad,

Andra Pradesh on 3-7th Jan- 2018.

Chandrashekar.

5. Studies on external gamma dose rates in air around Hassan city, Karnataka, 20th National conference on solid state nuclear track detectors and their applications. (SSNTD-20) held

at Vidya Vikas Institute of Engineering and Technology, Mysuru, on 26-28th 2017

T.S. Shashikumar, **Chandrashekar**, Shivalingegowda.

6. Kinetic and Mechanism of Oxidation of Piperazines by N-Chloro-p-toluene Sulphonamide in acidic buffer Medium.

International conference on ISCA by Sri Venkateswara University Tirupati,

Andra Pradesh on 3-7th Jan 2017

Chandrashekar, Ramachandra. H, Venkatesha, B. M. Ananda S.

7. Oxidation of Amitriptyline by-Bromamine-T in acidic buffer medium : A Kinetic and Mechanistic Approach;

International conference on World academy of Science Engineering and technology, London, UK 2016.

Chandrashekar, R.T. Radhika, B.M. Venkatesha, S. Ananda, Shivalingegowda, T.S Shashikumar, H. Ramachandra.

8. Synthesis and Characterisation of methyl methacrylate blended with polyamide resin
International Conference on Advanced Materials and Technology (ICMAT-16), Sri Jayachamarajendra College of Engineering, Mysore, India on 26-28, May, 2016.
H. Ramachandra, Akshatha A, **Chandrashekar**
9. Spectrophotometric Kinetic Investigation of oxidation of amitriptyline by N-bromo-p-benzenesulphonamide in Acidic buffer (pH= 1.2) medium, **International conference on ISCA by University of Mysore, Mysore, on 3-7th Jan 2016**
Chandrashekar, B. M. Venkatesha², S. Ananda R.T Radhika.
10. Synthesis of cubic Venadia Nano partials: Study of Optical, Photo Luminescence properties and Applications
5th International Conference on Luminescence and its applications (ICLA) PES Institute of Technology, B'lore & Luminescence Society of India on Feb, 9-12, 2015.
H. Ramachandra, Akshatha A, **Chandrashekar**.
11. Synthesis, Structural and docking Studies of O-fluorocyanacetanilide(2-cyano- N(furan 2-ylmethyl) acetamide)
International conference on engineering, science, management and advances in Research technology Organized by T.John institute of Technology, Bengaluru on 29th April. 2015.
Chandrashekar, S. Subhadramma , B.P. Siddaraju, and J. Saravanan
12. Kinetic Study of Oxidation of Nicotinic acid [Vitamin-B₃] by chloramine-B in hydrochloric acid Medium,
Organized by Department of Chemistry, AVK College for women Hassan, on 10th Sept. 2014.
Chandrashekar, K.N.Krishnakumar, R.T. Radhika, B.M. Venkatesha, S. Ananda.
13. Kinetic and Mechanistic Study of Oxidation of Nicotinamide by Bromamine-T in hydrochloric acid medium catalysed by Ru(III) ion. **National Conference on "Recent Trends in Chemical Research" from January 3 & 4th, organized by Department of Chemistry SJCE- Mysore-06**
Chandrashekar, R.T. Radhika, B.M. Venkatesha, S. Ananda,
14. Oxidative Decolorisation of Indigocarmine dye by Chloramine-T in acidic buffer (pH= 5.8) medium catalysed by Nitrite ion: A Kinetic and Mechanistic study.
International Conference on International Science Congress Association. Karunya University, Karunya Nagar, Coimbatore. Tamilnadu, from December 8- 10, 2013,
Chandrashekar, R.T. Radhika, B.M. Venkatesha, S. Ananda.
15. Kinetics of Oxidation of Vitamin-B₃ (Niacin) by Sodium N-bromo- benzenesulphonamide (Bromamine-B) in HCl Medium and Catalysis by Ru(III) ion.
International Conference on "Synthetic and Structural Chemistry, ICSSC- 2011" from December 8-10, organized by Department of Studies in Chemistry, Mangalore University

Mangalagangothri, Mangalore, India.

Chandrashekar, R.T. Radhika, B.M. Venkatesha, S. Ananda.

- 16.** Kinetics of Oxidation of Vitamin-B₃ (Niacin) by Sodium N-bromo- benzenesulphonamide (Bromamine-B) in HCl Medium.

National Conference on “Recent Trends in Chemistry” (RTC-2011) from September 16-17, Organized by Department of Chemistry P.E.S. College of Science, Arts and Commerce, Mandya.

Chandrashekar, R.T. Radhika, B.M. Venkatesha, S. Ananda.

- 17.** Ru(III) Catalysed Oxidation of Glycine, Valine, Leucine and Alanine by Chloramine-T in hydrochloric acid medium.

International Symposium on “Challenges in Drug discovery Programme-2011” from February 16-17, organized by Karnataka State Open University, Manasa Gangotri, Mysore-06.

Prasantha P.A. Kempegowda , Kumara M.N., Ananda. S, **Chandrashekar**.