



## **Curriculum Vitae**

### **PROF.Dr. K. S. RANGAPPA**

**DSc, FRSC, FNASc, FBRs, FTWAS**

**NASI Distinguished Chair Professor**

**University of Mysore, Mysore**

**Former Vice-Chancellor, University of Mysore, Mysore**

**Former Vice-Chancellor, Karnataka State Open University, Mysore**

**Karnataka, INDIA**

### **Personal Information**

---

<b>Name</b>	: <b>K. S. Rangappa</b>
<b>Official Address</b>	: INSTITUTION OF EXCELLENCE, VIJNANA BHAVAN, University of Mysore, Manasagangotri, Mysuru-570006, Karnataka
<b>Date of birth</b>	: 26-05-1955
<b>Phone</b>	: +91-9945469955 (Mobile)
<b>Fax</b>	: +91- 821- 2419363
<b>E-mail</b>	: <a href="mailto:rangappaks@yahoo.com">rangappaks@yahoo.com</a> <a href="mailto:rangappaks@gmail.com">rangappaks@gmail.com</a> <a href="mailto:rangappaks@ioe.uni-mysore.ac.in">rangappaks@ioe.uni-mysore.ac.in</a>

## Accomplishments in brief

---

### PROF. K. S. RANGAPPA

D.Sc., FRSC., FNASc., FBRs., FNA., FTWAS

- Over four decades of Research and Teaching experience as Junior and Senior research fellow, Lecturer, Reader, Professor and Director at Department of Studies in Chemistry, University of Mysore, Mysore, India.
- Research funding from different funding agencies such as University Grants Commission, Department of Science and Technology, Board of Research in Nuclear sciences - Department of Atomic Energy, Department of Biotechnology, Council of Scientific and Industrial Research, All India Council for Technical Education to the tune of more than 8 crores. He is also a recipient of several international collaborative research projects such as Indo-Japan, Indo-France, Indo-south Africa, Indo-NUS, Indo-Korea, Indo-Russia, Indo-UK and Indo-US.
- Doctor of Science (**D.Sc.**) degree from the University of Mysore for his Independent Research Contributions.
- CSIR Emeritus Scientist (2020-2025).
- Fellow of the Royal Society of Chemistry, London (**FRSC**)
- Fellow of the National Academy of Sciences, India. (**FNASc**)
- Fellow of Indian Nutritional Medical Association (**FINEM**)
- Fellow of Karnataka Science and Technology Academy (**FKSTA**)
- Fellow of Biotech Research Society of India (**FBRs**)
- Fellow of National Academy of Sciences (**FNA**)
- Fellow of The World Academy of Sciences (**FTWAS**)
- Professor Rangappa has string of awards such as Prof. R. C. Shah Memorial National Award, Dr. M. A. M. Ramaswamy Award, Golden Jubilee C.V. Raman award from University of Mysore, Sir C.V. Raman Young Scientist Award (2006) from Karnataka State Council for Science and Technology, Professor H. Sankegowda National Research Award and Chemical Research Society of India (CRSI) Bronze Medal (2006) in Chemical Sciences by Chemical Research Society of India. Prof. Y. T. Thathachari prestigious research award for science – 2007, Prestigious Dr. Raja Ramanna State Award, from Karnataka State Council for Science and Technology 2011, Amity Academic Excellence award 2012, Global e-learning award 2012, Kempegowda International award (2017) for outstanding contribution in the field of education, Centenary gold medal by Honourable President of India at the University of Mysore (2016).
- Professor Rangappa has been ranked one of the top academicians from the Academic Administrative Audit Committee (AAA) report in the assessment of University Faculty during 2004-05 and 2006-07.
- Professor Rangappa has foreign research assignments like, Post-doctoral Research Fellow, University of Saskatchewan, **CANADA**; Visiting Scholar, Miami University, Oxford, **USA**; DAAD Research Fellow, Fachbereich Chemie, Philipps University, Marburg, **GERMANY**; Visiting Professor (JSPS), Kyoto University, **JAPAN**; INSA –

KOSEF Scientist, Korea Institute of Science and Technology, **KOREA**; Visiting Professor (JSPS), Kobe Pharmaceutical University, **JAPAN**; Visiting Professor (INSA-PAS), University of Warsaw, **POLAND**; Visiting Professor (INSA-JSPS) August 2007, March 2009 and (DST-JSPS) October 2011, Lab of Proteoglycon Signaling and Therapeutics, Hokkaido University, **JAPAN**, Visiting Professor (IFCPAR) **FRANCE**, Visiting Professor (DST-MEST) **KOREA**, Visiting Professor (Russian academy of Sciences) **RUSSIA**, Visiting Professor Cambridge University, **UNITED KINGDOM**.

- He has delivered more than 150 keynote/plenary/invited/technical lectures and convocation addresses at different universities/research institutions in India and abroad.
- Over **7000** new bioactive molecules have been synthesized from his laboratory which were tested for their anticancer, antimicrobial, anti-inflammatory, and anti-malarial properties.
- **Professor Rangappa** has published more than **600** research papers in national and international peer reviewed journals and presented several research papers in national and international conferences. He has **13** patents and about **300** scientific collaborators worked with him both in India and abroad.
- **Professor Rangappa** has over **16000** scientific citations with H-Index **65** for his research contributions as of Jan-2025.
- **Professor Rangappa** has guided **64** Ph.D, candidates and **3** candidates are working under his supervision.
- He has organized hundreds of national/international level workshops/conferences/symposiums.
- He has served as **Coordinator** for two important departmental major projects such as DST-FIST and UGC-SAP programmes.
- He has served as **Member of many National Committees** of UGC, DST, DBT, and Science Academies etc.
- Prof. Rangappa served as **Vice Chancellor of the Karnataka State Open University**, Mysore from Dec 2009 to Jan 2013 and as **Vice Chancellor of the University of Mysore**, Mysore from January 2013 to January 2017.
- He has been recognized as **Distinguished Professor** by the University of Mysore, Mysore
- Recently, Prof. Rangappa served as a **General President** for 107<sup>th</sup> Indian Science Congress and UGC-BSR faculty fellow (2017-2020).
- He has appeared in the list of **Top 2% of World Scientists** in the field of organic chemistry released by Stanford University, USA.
- He is serving as a **Honorary Distinguished Professor, CSIR-Emeritus Scientist** at the University of Mysore, served as **Asutosh Mookerjee Fellow** (ISCA), and member of institutional body of five All India Institute of Medical Sciences (AIIMS) of our country.
- He is one of the board of governors of the Institute for Social and Economic Change (ISEC), Karnataka. ISEC is funded by the Indian Council of Social Science Research and the Government of Karnataka.
- Prof. Rangappa designed a COVID-19 rapid diagnostic kit and submitted ICMR for public use.

## Academic Profile

Degree	Year	University	Subject	Division
B.Sc.	1976	University of Mysore	Physics, Chemistry and Mathematics	First Class
M.Sc.	1978	University of Mysore	Chemistry	Distinction
Ph.D.	1982	University of Mysore	Chemistry	-
D.Sc.	1998	University of Mysore	Chemistry	-
FRSC	2004	Fellow of the Royal Society of Chemistry (London).		-
FNASc	2006	Fellow of the National Academy of Sciences (India).		-
FINEM	2017	Fellow of Indian Nutritional Medical Association		-
FKSTA	2021	Honorary Fellow of the Karnataka Science and Technology Academy (Karnataka).		
FBRS	2021	Fellow of Biotech Research Society of India		
FTWAS	2023	Fellow of The World Academy of Sciences		

### Academic/Research Positions (India)

Position	Institution	Duration
Assistant Professor	Department of Studies in Chemistry, University of Mysore, Mysore	1979 to 1982
Assistant Professor	Department of Studies in Chemistry, University of Mysore, Mysore	1986 to 1994
Pool Officer in Pool (Research)	Scientists' Biophysical Chemistry Section Central Food Technological Research Institute (CFTRI), Mysore.	Feb. 1986 to July 1986
Reader	DOS in Chemistry, University of Mysore, Mysore.	1994 to 1999
Professor	DOS in Chemistry, University of Mysore, Mysore.	1999 to 2017
Chairman	DOS in Chemistry, University of Mysore, Mysore.	2003 to 2006
Director	Integrated Programmes, University of Mysore	2006 to 2009
Vice Chancellor	Karnataka State Open University, Manasagangothri, Mysore	Dec. 2009 to Jan. 2013
Vice Chancellor	University of Mysore, Mysore	Jan. 2013 to Jan. 2017
Distinguished Professor	University of Mysore, Mysore	Dec. 2016 to till date
UGC-BSR Faculty Fellow	University of Mysore, Mysore	2017 to 2020
Chief Scientific Adviser	Sinotar Pharmaceutical (Shenzhen) Co., Ltd,	2017 to 2020
Asutosh Mookerjee Fellow (ISCA)	University of Mysore, Mysuru	2021 to 2024
CSIR Emeritus Scientist	University of Mysore, Mysuru	2021 to April 2025

## Academic/Research Positions (Abroad)

<b>Position</b>	<b>Institution</b>	<b>Duration</b>
Post-doctoral Research Fellow	Department of Chemistry, University of Saskatchewan, Saskatoon, CANADA.	Jan. 1983 to April 1985
Visiting Scholar (Research Associate)	Department of Chemistry, Miami University, Oxford, USA.	Feb. 1990 to Sept. 1992
Research Fellow	DAAD Fachbereich Chemie, Philipps University, Marburg, GERMANY.	Aug.1995 to Nov.1995
Visiting Professor, (JSPS)	Institute for Chemical Research, Kyoto University, Uji, Kyoto, JAPAN.	Oct. 1999 to Aug 2000
INSA –KOSEF Scientist	Korea Institute of Science and Technology (KIST), organometallic Chemistry Lab, Seoul, KOREA	Oct-Nov 2002
Visiting Professor (JSPS)	Department of Biochemistry, Kobe Pharmaceutical University, Kobe, JAPAN.	May-July 2005
Visiting Professor (INSA-PAS)	Department of Chemistry, University of Warsaw, Warsaw, POLAND	March-April 2006
Visiting Professor (INSA-JSPS)	Lab of Proteoglycon Signaling and Therapeutics, Hokkaido University, JAPAN	August 2007 & March 2009
Visiting Professor (DST-JSPS)	Lab of Frontier Research Center for Post-Genome 6F, Hokkaido University, JAPAN	March 2010 & October 2011
Visiting Professor (DST-STRK)	Seoul National University, KOREA.	May 2012 & November 2013
Visiting Professor (IFCPAR)	INSERM U 710, Universite de Montpellier II, Montpellier, FRANCE.	July 2012
Visiting Professor (ZIOC-RAS)	Russian Academy of Sciences, Moscow, RUSSIA.	July 2013
Visiting Professor	Cambridge University, UNITED KINGDOM	October 2013
Visiting Professor (DST-JSPS)	Hokkaido University, JAPAN	May 2014
Visiting Professor	Cambridge University and Anglia Ruskin University, UNITED KINGDOM	June 2014

## Awards and Recognitions

---

1. National Scholarship (Government of India) -1978.
2. Merit Scholarship (University of Mysore, India) -1978.
3. Chairman, Correlation and Modeling in Chemistry (CMC), Indian chapter- 2000.
4. Prof. R. C. Shah Memorial National Award- 1999.
5. Dr. M. A. M. Ramaswamy Award- 1999.
6. Professor H. Sankegowda National Research award- 2001.
7. Golden Jubilee CV Raman award, University of Mysore- 2006.
8. Sir C.V. Raman Young Scientist Award, from Karnataka State Council for Science and Technology- 2006.
9. Invited Guest editor for the Journal "Current Topics in Medicinal Chemistry" Bentham Science Publishers Ltd. USA for 2005-06 on the topic Phospholipase Inhibition: Medicinal Chemistry and therapeutic potential.
10. Most Cited Paper 2003-2006 Award (Bio-Organic and Medicinal Chemistry, Elsevier Ltd. UK)
11. Chemical Research Society of India (CRSI) Bronze Medal (2007) in Chemical Science by Chemical Research Society of India.
12. Prof. Y. T. Thathachari prestigious research award for science – 2007.
13. Most Cited Paper 2006-2009 Award (Bio-Organic and Medicinal Chemistry, Elsevier Ltd. UK)
14. Prestigious Dr. Raja Ramanna Award, from Karnataka State Council for Science and Technology 2011.
15. Amity Academic Excellence Award 2012.
16. Global e-learning award 2012.
17. Kempegowda International award (2017) for outstanding contribution in the field of education.
18. Centenary gold medal by Honourable President of India at the University of Mysore (2016).
19. Sahakara Rathna B.L.Lakkegowda Award for the contribution to the field of Education (2023)

## Research Interests

---

Physical-Organic/ Bioorganic and Medicinal Chemistry; Synthesis and Biological studies of bioactive heterocycles targeting Alzheimer disease, Anticancer, and Antimicrobial studies; Reaction mechanism of solvolysis and redox reactions; Kinetic studies, isotope effects, tracer experiments, substituent effects, synthesis and characterization; Chemistry of carcinogens derived from aromatic amines and amides; Crystal structure determination of important organic/metal complex molecules by X-ray studies; Computer aided molecular modeling of bioactive heterocycles; Drug design and Chemical Biology-Drug discovery.

## **Countries Visited**

Canada, USA, Japan, Germany, UK, France, Switzerland, Austria, Singapore, Hong Kong, Jordan, Malaysia, Korea, Thailand, UAE, The Netherlands, Poland, Denmark, Sweden, Kuwait, Dubai, China, Russia etc.

## **Professional Affiliations**

- Council Member, The National Academy of Sciences of India(NASI), Allahabad.
- Chairman, International Group for Correlation and modeling (CMC) in Chemistry-Indian Chapter.
- Member of the Editorial Board in International Journals: Acta Ciencia Indica Chemistry; Chemistry: An Indian Journal and Heterocyclic Chemistry: An Indian Journal.
- Invited Guest editor for the Journal “Current Topics in Medicinal Chemistry” Bentham Science Publishers Ltd. USA for 2005-06 on the topic Phospholipase Inhibition: Medicinal Chemistry and therapeutic potential.
- The Editorial member of Current Chemical Biology Bentham Science Publishers.
- Grant of Honorary rank of Colonel to Vice-Chancellors, Colonel Commandant of NCC at university of Mysore.
- Member of Board of Management, Sathya sai institute of Higher learning, Prashanthi Nilayam.
- Member of Karnataka Jnana Aayoga Task Group for Educational Technology for Higher Education.
- Hon.Executive Member of “Nation Wide Intellectual Meet to Reduce Road Risk & Make Road Safe”, Jemshedpur.
- Member of General Body of the Council of Karnataka State Council for Science and Technology (KSCST) by the Government of Karnataka.

## **Membership in Academic Bodies**

- Member of Board of Examiners to M.Sc. degree to various Universities in India.
- Adjudicator of Ph.D. and M. Phil degrees to various Universities in India.
- Member of Board of Appointment to various Universities in Karnataka/Outside Karnataka.
- Member of the Selection Committees (Expert).
- Member of NAAC Committee.
- Council member of Chemical Research Society of India (CRSI)-2007.
- Expert Committee Panel in Chemistry - Member, Indira Gandhi National Open University (IGNOU), New Delhi.
- Nominated Member of the Research Council, Indira Gandhi National Open University (IGNOU), New Delhi.
- Member of Distance Education Council (DEC).
- Member of CSIR-NEIST (North-East Institute of science and technology), Jorhat (2013-2016).



- Chairman of the Research Advisory Committee, NRLC, Lucknow.
- Member of the Governing Board of CEC, UGC, New Delhi.
- Member of Board of Management of Karnataka State Open University, Mysore.
- Member of Co-ordination Committee for South Western Region (University Grants Commission).
- Member of UGC Expert Committee to Outline the Roadmap of Research Schemes, UGC.
- First Court Member of Central University of Karnataka, Gulbarga.
- External expert of CSIR-Mayo Clinic Review Committee, CSIR-IICT, Hyderabad.
- Member of Governing Board, Inter-University Accelerator Centre, New Delhi.
- **Member of Institute body of All India Institute of Medical Sciences (AIIMS) :**  
Bhubaneswar, Chandigarh, Batinda, Guwathi & Srinagar
- **Member of Board of Governors of the Institute for Social and Economic Change (ISEC)**  
Bengaluru.

### Membership in Advisory Committee

- National Advisory Committee, 25<sup>th</sup> Indian Council Chemists, Mumbai, 2006.
- National Advisory Committee, 12<sup>th</sup> ISCBC (Interface of Chemistry-Biology in Biomedical Research), Bits Pillani, New Delhi, 2008.
- National Advisory Committee, National Seminar on Emerging Trends in Chemical Science Research, Vallabha Vidyanagar, Gujarat, 2009.
- National Advisory Committee, 12<sup>th</sup> ISCBC (Interface of Chemistry-Biology in Biomedical Research), New Delhi, 2009.
- National Advisory Committee, 13<sup>th</sup> ISCBC (Chemical Biology for Discovery; Perspectives and Challenges), Lucknow, 2010.
- National Advisory Board Convener of Indian Society of Chemists and Biologists 2013-2015.
- Advisory Committee Member of Academic staff college, Karnataka University, Dharwad.
- Governing Council Member of Association of Indian Universities (AIU), New Delhi.
- Executive Council Member of the Indian Science Congress Association (ISCA).
- Member of Expert Advisory Committee for Karnataka Virtual University.
- Member of IAC in American Institute of Indian Studies, Haryana.
- Member of Advisory Committee of Center for Distance Education, Shivaji University, Kolhapur.
- Chairman of Research Advisory Committee for National Research Laboratory for Conservation of Cultural Property, Lucknow.

### Membership in Scientific Societies

- Member of American Chemical Society (1990-1992).
- Life fellow of Indian Chemical Society.
- Life member of Association of Kineticists of India.
- Life member of Indian Association for Cancer Research.
- Life member of Indian Council of Chemists (ICC).
- Life member of Association of Carbohydrate Chemists & Technologist (India).

- Life member of Indian Society of Analytical Scientists.
- Governing Council member of Vidyavardhaka Sangha (Until November 2007).
- President, Sri Cauvery Vidya Samasthe.
- Governing Council member of Kuvempu Vidya Parishat (Until November 2007).
- Vice President of Indian Council of Chemists (ICC) –2000-2008.
- President of Correlation and Modeling in Chemistry (CMC), Indian chapter.
- Life member, Society of Polymer Science.
- Life member of National Magnetic Resonance Society, India.
- Life member, Chemical Research Society of India, India.
- Life member of Institute for Social and Economic Change, Bangalore.

### Seminars/Conferences Organized

---

1. Organized the Futurology Workshop sponsored by DST 1986, University of Mysore (**Member**).
2. Organized the 15<sup>th</sup> Annual Convention of Indian Association for Cancer Research (IACR)-1996 at Bellur, Karnataka (**Joint Secretary**).
3. Organized the National Workshop on Nuclear Chemistry and Isotope Applications sponsored by IANCAS, Nov 1996 (**Joint Secretary**).
4. Organized the 3<sup>rd</sup> National Symposium on Students project on Correlation Analysis in Chemistry, University of Mysore, Sept. 1998 (**Secretary**).
5. Organized 8<sup>th</sup> International Conference on Correlation Analysis in Chemistry (CAIC-VIII) at Chennai, Jan 1999 (**Member**).
6. Organized the 20<sup>th</sup> ICC conference at DOS in Chemistry, University of Mysore, Mysore, during Dec 2001(**Convener**).
7. National Symposium on Bio-organic and Medicinal Chemistry (NSBM), during Oct 5-7<sup>th</sup>, 2005 at DOS in Chemistry, University of Mysore, Mysore-5 (**Director**).
8. National Seminar on Bio-organic and Medicinal Chemistry (NSBM-2007), during Oct 17-18<sup>th</sup>, 2007 at DOS in Chemistry, University of Mysore, Mysore-5 (**Director**).
9. International Symposium on Challenges in Drug Discovery Programme (ISCDDP-2011) during February 16-17, 2011 at Karnataka State Open University, Mysore (**Chairman**).
10. International Symposium on Chemical Biology - Drug Discovery Programme 2014 during January 09-10, 2014 at University of Mysore, Mysore (**Patron**).
11. International Symposium on Chemical Biology Approach to Metabionics, Chemical Genomics and Epigenomics during February 18-19, 2015 at University of Mysore, Mysore (**Patron**).

## Ph. D. Thesis Supervised at University of Mysore under my guidance. Annexure V

1. **C. K. Mythily.** "Mechanistic Investigations of Reactions of N-Metallo-N-Haloryl Sulphonamides". (November 1993)
2. **H. Ramachandra.** "Mechanistic Investigations of Reactions of Some Important Organic Substrates with N-Haloary Sulphonamides". (February 1997)
3. **M. P. Raghavendra.** "Mechanistic Investigations of Oxidations of Monosaccharides with Organic Monochloroamines". (July 1997)
4. **S. Chandraju.** "Mechanistic Investigations of Electrolytically Generated Manganese (III) For the Oxidation of Amino Acids" (November 1997)
5. **N. Anitha.** "Mechanistic Investigations of Electrolytically Generated Manganese (III) Sulphate for the Oxidation of Some Organic Substrates". (April 1998)
6. **Manjunatha Swamy.** "Kinetics and Mechanism of Oxidation of Some Organic Substrates with N-Chloro-P-Toluenesulphonamide". (February 1999)
7. **M. N. Kumara.** "Synthesis and Mechanistic Studies of Oxidation of Some Biologically Active Peptides with Manganese (III) Sulphate". (April 2001)
8. **D. G. Bhadre Gowda.** "Synthesis and Crystal Structure of Some Nitrenium Compounds". (June 2001)
9. **K. Dhananjaya.** "Synthesis, Characterization, and Biological Studies of Metal Complexes of Catecholamine Derivatives". (October 2001)
10. **N. V. Anil Kumar.** "Synthesis and Characterization of Adducts of Arylamines with Nucleosides". (November 2001)
11. **H. Mallesha.** "Identification of Ultimate Carcinogens/Metabolites in the Invitro Reaction of Arylnitrones with Lead Tetraacetate: Synthesis of 2-Deoxyguanosine Adducts". (November 2001)
12. **B. K. Vishukumar.** "Synthesis and Characterization of Some Novel Isoxazolidines of Biological Interest". (January 2002)
13. **K. R. Ravikumar.** "Synthesis and Characterization of Some New Isoxazolidines: 1,3-Dipolar Cycloaddition Reaction of Nitrones". (August 2003)
14. **Shashikala.** "Correlation Analysis-Oxidation of Monosaccharides with Organic Mono Bromoamines: Kinetic and Mechanistic Study". (August 2003)
15. **K. Mantelingu.** "Synthesis, Reactivity, Characterization and Biological Studies of Nitrenium Compounds". (January 2004)
16. **N. D. Dinesha.** "Development of the Analytical Methods for the Assay of Some Drugs of Pharmaceutical Interest". (January 2004)
17. **Basappa.** "Synthesis and Characterization of Some Biologically Active Heterocyclic Compounds". (August 2005)
18. **K. Jayalakshmi.** "Anhydrous Fe<sub>2</sub>O<sub>3</sub> Catalyzed Synthesis of 2,3 Diaryl 1,3-Thiazolidin-4-one Derivatives and their Biological Studies". (September 2005)
19. **N. S. Linge Gowda.** "Mechanistic Studies on Oxidation of Some Biologically Active Oligopeptides with N-Bromo succinamide in Perchloric Acid Medium". (December 2005)

20. **B. S. Priya.** "Synthesis, Characterization and Biological Studies of Some Bioactive Heterocycles". (October 2006)
21. **M. P. Sadashiva.** "Synthesis, Characterization and Biological Studies of Some Heterocyclic and Aromatic Substituted Isoxazoli (di)nes". (March 2007)
22. **S. N. Narendra Babu.** "Design, Synthesis and Structure-activity Studies of Shorter Analogues of Some Biologically Active Peptides". (May 2007)
23. **Nanjundaswamy.** "Biochemical and Pharmacological Studies of Novel Synthetic Heterocycles". (June 2007)
24. **C. V. Kavitha.** "Synthetic and Biological Studies of 1,3-oxazines and Some Novel Heterocyclic Compounds". (October 2007)
25. **C. T. Sadashiva.** "Synthesis and Pharmacological Action of Piperazine Derivatives and Non-ester Analogues of Arecoline Related to Alzheimer's Disease". (October 2007)
26. **J. N. Narendra Sharath Chandra.** "Design, Synthesis, Targeting of Non-ester Analogues of Arecoline Derivatives as Selective, Potent M1 Receptor Agonists for the Symptomatic Treatment of Alzheimer's Disease". (January 2008)
27. **H. R. Girisha.** "Design, Synthesis and Evaluation of Some Novel Heterocycles of Biological Interest". (February 2008)
28. **A. Harikishore.** "Small Molecule Modulators of Eukaryotic Gene Expression". (June 2008)
29. **S. B. Benaka Prasad.** "Design, Synthesis and Pharmacological Screening of Substituted Tetrahydro Pyridines and Piperidine derivatives". (June 2008)
30. **N. R. Thimmegowda.** "Synthesis, Characterization and Pharmacological Studies of Novel Benzimidazole and Tricyclic Dipyrdo Diazipinone Derivatives". (February 2009)
31. **C. S. Ananda Kumar.** "Synthesis, Characterization and Biological Studies of N-substituted Benzhydryl Piperazine and Hydantoin Derivatives". (February 2009)
32. **Y. C. Sunil Kumar.** "Synthesis, Characterization and Biological Studies of N-substituted 2-tetrahyro Pyridine Morpholine Derivatives and Synthesis of Amino Acids by Novel Methods". (March 2009)
33. **S. Chandrappa.** "Synthesis of Novel Thiazolidin-4-one Derivatives and Their Biological Studies". (September 2009)
34. **Manish Malaviya.** "Screening of Novel Morpholine Derivatives and Invitro Effects of Tricyclic Antidepressants on Muscarinic Acetylcholine Receptor I in Rat Brain". (January 2010)
35. **K. Vinaya.** "Synthesis, Characterization and Pharmacological Studies of Piperidine Derivatives". (May 2010)
36. **S. R. Ranganatha.** "Synthesis, Characterisation and biological studies of amino acids and peptide conjugates of heterocyclic compound". (July 2010)
37. **Ali Saberi.** "Synthesis, Characterisation and Biological studies Imidazole derivatives". (July 2010)
38. **H. Raju.** "Synthesis, Characterization and Biological studies of Bioactive heterocycles". (July 2010)
39. **D. Asha.** "Synthesis, Characterization and Biological Studies of Some Pyrimidine Derivatives". (October 2010)

40. **Sriramamurthy Boppana.** “Designing of Novel inhibitors for Acetylcholinesterase Leads to Alzheimer’s disease – Computational Approach”. (December 2010)
41. **D. S. Prasanna.** “Synthesis and Identification of Novel Thiazole and Quinazoline Derivatives as Therapeutic agents”. (March 2011)
42. **Simin Teimoori.** “Synthesis, Characterization and Biological Studies of Novel substituted Homopiperazine Derivatives”. (April 2012)
43. **B. Krishnamurthy.** “Synthesis, Characterization and Biological Studies of substituted pyrimidinone and thiazole derivatives”. (September 2012)
44. **B. Raghava.** “Regioselective synthesis of Novel Biologically Important Pyrazole and Isoxazole Derivatives from Organosulfur Building Blocks”. (January 2013)
45. **T. R. Swaroop.** “Regioselective/Regiospecific synthesis of biologically important novel thiophene, Isoxazole and Quinoline derivatives”. (August 2013)
46. **C. M. Shivaprasad.** “Synthesis characterization and pharmacological studies of pyridine conjugated benzimidazole and piperidine conjugated benzisoxazole derivatives”. (November 2013).
47. **Sharath Kumar. K. S.** “Propylphosphonic anhydride (T3P®) mediated synthesis of novel 4-thiazolidinone derivatives and their biological studies”. (October 2014)
48. **Mohan C. D.** “Probing small molecules as novel inhibitors of transcription factors”. (December 2014)
49. **R. Roopashree.** “Synthesis, characterization of novel benzimidazole and Pyrrollopyrimidine derivatives and their biological studies”. (March 2015)
50. **K. S. Rakesh.** “Pro-apoptotic and Anti-apoptotic Properties of Selected Synthetic Small Molecules”. (March 2015)
51. **K. H. Narasimhamurty.** “Synthesis and characterization of new bioactive synthetic organic compounds”. (August 2015)
52. **Mahesh Hegde.** “Synthesis and biological study of anticancer drugs: An approach to design and characterize target specific molecules”. (February 2016)
53. **Ashwini. N.** “Synthesis of triazole conjugated heterocycles by click chemistry and their biological studies”. (March 2016)
54. **Anand. H.** “Regioselective Synthesis of Pyrazole and Isoxazole analogues as estrogen receptor modulators: potential antiproliferative activity against mammary gland tumor”. (December 2016)
55. **Jagadish S.** “Protection of Oxidative Stress Induced Apoptosis of Blood Cells by Novel Synthetic Molecules”. (March 2017)
56. **Maryam Gilandoust.** “The total synthesis of the antimalarial natural products, Flinderoles”. (November 2018)
57. **Harsha. K. B.** “Novel Approach for the Synthesis of Heterocycles via C-H Functionalization and Oxidation-Condensation Reactions and their Biological Interest”. (November 2018)
58. **Chaithanya S.** “Synthesis Characterization and Biological Studies of Novel Bioactive Thiazoles Oxazines and Hydrazinyl Analogues”. (August 2020)
59. **Vindya K. G.** “Synthesis and Characterization of Purine and Pyrimidine Conjugated Heterocycles and their Biological Studies”. (August 2021)

60. **Preetham H. D.** “Enantioselective Synthesis and Biological Evaluation of  $\gamma$ -Aminoacid Derivative”. (September 2022)
61. **Mrs SAMSKRUTHI K P** “Synthesis of Nanomaterials by Electrochemical method and their applications”. (2023)
62. **Shalini V** “Synthesis and Biological Evaluation of Peptide Conjugated Heterocycles”. (2025)
63. **Darshini Gowda** “Synthesis and Biological Evaluation of Fused Heterocycles”. (2025)
64. **Rajesh S M** “Synthesis and Biological Evaluation of Indirubin Derivatives” (2025)

### Major Projects Implemented/ Ongoing

Title of the project	Position	Tenure	Funding Agency	Amount Sanctioned
“Synthesis and Analysis of Mono and Dinucleotide Adducts of Carcinogens Derived from Arylamines”	PI	1997-2000	Council of Scientific and Industrial Research. (CSIR)	Rs.7,00,000/-
“Mechanistic Studies on the interaction of Carcinogens Derived from Aromatic Amines and Amides with Nucleotide Analogues”	PI	1997-2001	Department of Science and Technology (DST)	Rs.14,00,000/-
“Chemistry of carcinogens: Synthesis, reactivity and characterization of metal complexes of Nitrenium ions”	PI	1999-2002	All India Council of Technical Education (AICTE)	Rs.10,00,000/-
“Mechanistic studies on the interaction of unsaturated carbonyl compounds”	PI	2002-2005	UGC	Rs.5,00,000/-
“Production of recombination soluble receptors by expression cloning and synthesis of chemical compounds as inhibitors of tumor angiogenesis: Role in Cancer Therapy & Drug Development”	Co-PI	2003-2006	DBT	Rs.30,00,000/-
“Synthesis And Characterization Of 1,2–Benzisoxazole Analogues And Its Biological Studies Of Antipsychotic And Neuroleptic Activity”	PI	2004-2007	CSIR	Rs.5,00,000/-
“Synthesis And Targeting Of Second Generation Arecoline Derivatives As Selective, Potent And Wash Resistant	PI	2004-2007	DST	Rs.20,00,000/-

---

M<sub>1</sub> Receptor Agonist For The Treatment  
Of Alzheimer's Disease"

"Synthesis of Novel Thiazolidin-4-ones and Isoxazoline Derivatives Targeting Antiangiogenic and Anti inflammatory Activities"	PI	2006-2009	UGC	Rs.7,00,000/-
DST-FIST Project	Project Coordinator	2002-2007	DST	Rs.45,00,000/-
UGC-SAP (DRS-I) Project	Project Coordinator	2004-2009	UGC	Rs.55,00,000/-
Small molecules as probes for analysis of glycosaminoglycons functions and for labeling glycans with nanoparticles	PI	2007-2009	INSA-JSPS	Rs.25,00,000/-
"Synthesis, method development and the biological implications for glycol-conjugate based drug: A new perspective study towards the green Chemistry"	PI	2009-2011	DST-JSPS	Rs.20,00,000/-
Design, synthesis and targeting of Thiazole Arecoline derivatives as selective, potent and wash resistant M1 receptor agonist for the treatment of Alzheimer's disease"	PI	2009-2012	BRNS	Rs.30,00,000/-
UGC-SAP (DRS-II) Project	Project Coordinator	2009-2014	UGC	Rs.55,00,000/-
Protection by new Arecoline derivatives in Alzheimer's Disease" ( <b>IFCPAR</b> ) <b>Indo-French</b> Collaborative Research Project	PI	2010-2013	IFCPAR	Rs.65,00,000 + travel= around 1 crore
One time research grant	PI	2010-2011	UGC	Rs.7,00,000/-
"Highly regioselective synthesis of 1, 3, 5 tri aryl/hetero aryl pyrazole and its application as estrogen receptor blocker in the treatment of breast cancer".	PI	2010-2013	CSIR	Rs.15,00,000/-

“Synthesis and anti-cancer activity of New Bioactive Heterocycles”	PI	2011-2014	DST	Rs.42,00,000/-
“New Bioactive Heterocycles: Synthesis, Characterisation and Anti-cancer Activities”.	PI	2011-2014	UGC	Rs.12,00,000/-
“Synthesis and antimalarial activity of bioactive heterocyclic compounds”. <b>Indo-South Africa Collaborative Research Project</b>	PI	2011-2014	DST-NRF-RISA	Rs.15,00,000/-
“Identification of novel anticancer for chemopreventive agents by synthetic analogues of natural compounds and their molecular mechanism(s) study”. <b>Indo-Korea Collaborative Research Project</b>	PI	2011-2014	DST-STRK	Rs.22,00,000/-
Development of novel technology for disease prevention and diagnosis in East Africa and India, <b>International Collaborative Project Between India, Japan and Ethiopia</b>	PI	2013-2015	(JSPS) Core to Core Program	Around Rs.1 Crore
“Development of inhibitors of Heparanase for Cancer Therapy.” <b>Indo-Israel Joint Research Programme.</b>	PI	2016-2018	UGC-ISF	Rs.26,00,000/-
“Identification of new small molecule based STAT3 signaling inhibitors in hepatocellular carcinoma.”	PI	2020-2023	CSIR Emeritus Scientist Project	Rs.2000000/-



## Books and Book chapters Published

Sl. No.	Title of the Book	Year of publication	Publishers
1.	A Textbook of Chemistry for First Year Pre-University	2004	MES Publications
2.	A Text Book of Chemistry for Second Year Pre-University	2005	MES Publications
3.	Manupatra Intellectual Property Reports	2012	Manupatra Publishing Pvt. Ltd
4.	Evolving Corporate Education Strategies for Developing Countries (The Role of Universities), Information Science Reference	2013	An imprint of IGI global
5.	Organic Stereochemistry (Terms, Definitions & Applications)	2015	College Book House, Bangalore
6.	A Concise Organic Stereochemistry	2019	College Book House, Bangalore
7.	Special topics in Organic Chemistry	2019	College Book House, Bangalore
8.	1D and 2D NMR Spectroscopy: Terms and Definitions with Illustrative Examples for Quick learning of 2D NMR Techniques	2019	College Book House, Bangalore
9.	Comprehensive Organic Spectroscopy: An Approach for Quick Learning of Organic Structures	2019	College Book House, Bangalore
10.	A textbook on 'Chemistry of Heterocyclic Compounds'	2020	Notion Press ISBN: 9781636064550
11.	A book on 'History of Chemical Science – Biographies of Chemists Volume I'.	2020	Notion Press ISBN: 9781637149676
12.	A textbook on 'Reduction and Oxidation'	2021	Notion Press ISBN: 9781638507734

---

13.	New Innovations in Chemistry and Biochemistry Vol. 7. Green Synthetic Transformations Using Ionic Liquid, Solid-Phase Supports and Electricity.	2022	ISBN: 978-93-5547-477-3
14	Progress in Chemical Science Research Vol. 6 Chapter7: Applications of Activated Methylene Isocyanides in the Synthesis of Azoles	2023	ISBN: 978-81-19054-02-2
15	Recent Developments in Chemistry and Biochemistry Research (Vol. 5). Thioimides as Versatile Building Blocks: Synthesis and Their Applications	2024	ISBN: 978-81-977712-8-6
16	Swaroop TR, Suresh RN, Umashankara M, Rangappa KS. Synthesis and Applications of Xanthate Esters.	2025	ISBN: 978-93-49238-76-3 eBook ISBN: 978-93-49238-38-1
17	Swaroop TR, Suresh RN, Umashankara M, Rangappa KS. Synthesis and Applications of $\alpha$ -Oxodithioesters	2025	ISBN: 978-93-49473-13-3, eBook ISBN: 978-93-49473-85-0

---

### Important Research Contributions

Prof. Rangappa has made significant contributions in the area of basic and applied chemical biology, especially, Bioorganic and Medicinal Chemistry. Based on the rapid developments in the dissection of cellular signaling and the 3D structures of several clinically important drug targets, his group has synthesized several novel bioactive molecules and used as tools to improve efficiency of molecules through the drug design approach. In order to synthesize bioactive molecules, Prof. Rangappa developed new synthetic method for the most bioactive scaffolds namely, quinolones, oxazines, benzoxazines, pyrazoles, isoxazoli(di)nes, pyridopyrimidines, 4-thiazolidinones, thiadiazolo[3,2-

a]pyrimidin-5-one, 1,2,4-triazolo-1,3,4-thiadiazoles, arecolines, azaspirane, and hydantoin analogs. The T3P®-DMSO mediated one pot cascade protocol for the synthesis of 4-thiazolidinones, thiochromen-4-ones, imidazo[1,2-a]pyridines, and 2-amino-chromenes are noteworthy contributions in organic synthesis. He has developed the new Fe/CaCl<sub>2</sub> system to reduce nitroarenes and azo compounds by catalytic transfer hydrogenation, in the presence of sensitive functional groups, which cited in organic portal. Recently, he has developed two efficient, and highly regioselective routes for the synthesis of unsymmetrically substituted 1-aryl-3,5-bis(het)arylpyrazoles with complementary regioselectivity. Moreover, he has developed non-infringe process for the large scale synthesis of present atypical anti-psychotic and anti-depressant molecules such as 6-fluoro-3-(4-piperidinyl)-1,2-benzisoxazole hydrochloride and 1-[2-dimethylamino-1-(4-methoxy-phenyl)-ethyl]-cyclohexanol hydrochloride respectively. He has characterized the tailor-made bioactive agents against many diseases, including cancer, thrombocytopenia, inflammation, and Diabetes, Alzheimer's disease, and snake envenomation on priority basis.

Cancer is considered as multi-factorial and complex pathophysiology. Due to rapid developments in understanding the molecular mechanisms of apoptosis and drug targets, several anti-cancer drugs have been synthesized to target certain proteins, including TNF- $\alpha$ , Aurora A kinase, Lyn-kinase, Bcl-2, NF- $\kappa$ B, MMPs, Heparanase and JAK-STAT. Prof. Rangappa's team and his research collaborators have shown the selective binding of felodipine to human Aurora A kinase and disruption of trimeric nature of TNF- $\alpha$  by biscoumarins. These findings may lead to design of specific ligands to above said targets through drug discovery approach. In addition, he has synthesized target specific novel dihydropyrimidones and 2-amino-chromene-3-carbonitriles against PPAR- $\gamma$  and Bcl-2 respectively.

Snake envenomation is a neglected tropical disease affecting a large population residing in resource poor settings that are away from the primary health care centers. Phospholipase A2, Snake venom metalloproteases and Hyaluronidase are considered as major culprits for the persistent tissue necrosis at the bitten site of envenomed victims. Inhibitors of these enzymes are considered as potential therapeutic agents to treat several pathological conditions ranging from inflammation to cancer. Based on these facts, Prof. Rangappa's lab synthesized series of trimethoxyphenyl isoxazolidine derivatives, Apigenin derivatives and citalopram derivatives to block these targets.

Drug-induced thrombocytopenia occurs typically in the treatment regime of several diseases, including cancer, diabetes, arthritis and CVDs. In order to protect the platelets from oxidative stress induced apoptosis, Prof. Rangappa's group synthesized Ibuprofen derivatives and showed better efficacy compared to known drugs. Currently, research is focusing on bioactive molecules with anti-apoptotic nature and anti-coagulant properties. This strategy will lead to identification and characterization of novel anti-thrombotic agents for CVDs.

The over-expression of glucose transporters in tumors prevents apoptosis, supports cancer cell survival, and endorses drug resistance. Inhibition of glucose transporter will preferentially sensitize the anticancer effects of chemotherapeutic drugs to overcome drug resistance. In addition, inhibition of

glucose transporter and glycoside hydrolases is considered as the rate-limiting step in Diabetes treatment regime. Based on these hypotheses, Prof. Rangappa's lab synthesized novel Benzoxazine-based aglycones to limit the blood glucose levels and to target cancer cells. In addition, Prof. KSR research team has synthesized novel arecoline analogues as M1 receptor agonist and choline-esterase inhibitors, which could have a direct implication to fight against Alzheimer's disease. These molecules can be used to treat Alzheimer's dementia.

In addition to chemical biology and drug discovery, Prof. Rangappa made seminal contribution to physical organic chemistry by characterizing the kinetic analysis and reaction-pathways in biologically transforming components. Precisely, he has studied the oxidation of several monosaccharides into aldonic acids and proposed the mechanism of degradation. In addition, he showed reaction mechanism for Mn(III) catalyzed oxidation of several amino acids, peptides and porphyrins. Furthermore, he has extensively studied the kinetic analysis of saturated aliphatic carbons via nucleophilic substitution or elimination type of mechanism. Additionally, he has made noteworthy contributions by standardizing new spectrophotometric methods for the determination of certain catecholamine derivatives and sildenafil citrate (Viagra) in pharmaceutical formulations.

His active and enthusiastic effort has benefited several students and teachers to take the challenge of performing research in a University. Prof. Rangappa, with his extraordinarily interactive research culture and unique mix of basic science/clinical research initiative, has created conducive scientific environment at UOM to carry out research at the interface of chemistry and biology.

#### **Details of Participation in Seminars/Symposium/Conferences in India and Abroad**

<b>Year</b>	<b>Title of Programme /Organized</b>	<b>Level of Participation</b>	<b>International/ National/Institution)</b>
1999	Recent trends in structure and functionalities, UOM, Mysore	Oral Presentation	National
2000	IKCOC-8, New aspects of organic chemistry, Kyoto, Japan	Invited talk	International
2000	37 <sup>th</sup> Annual Convention of Chemists, Haridwar Sponsored by Indian Chemical Society	Invited talk	National
2001	NSMCRAC, 125 years of Chemistry, Presidencies College, Chennai	Valedictory address and invited Lecture	National Seminar
2002	21 <sup>st</sup> IACR, IISc, Bangalore	Paper presentation	National
2002	SIF, IISc, Bangalore	Presentation of research work	National (SIF user is meeting)
2002	National symposium on dynamics and reaction mechanism of electron transfer reactions sponsored by UGC, CRO, Jaipur	Invited Lecture	National
2002	2 <sup>nd</sup> national seminar on NSERD-II, Tirupathi	Chairing the scientific session	National

2002	Workshop on LCNMR, SIF-IISc, Bangalore (Sponsored by DST)	Participant	National
2003	40 <sup>th</sup> Annual convention of Chemists 2003, Jhansi, organized by Indian Chemical Society	Chairing a session and invited talk	National
2004	ICOB-4 & ISCNP-24 IUPAC international Conference, New Delhi	Paper presentation	International
2004	Indo-Australian Biotechnology in Medicine, IISc, Bangalore	Paper presentation	International
2004	CAIC-VIII, International group on correlation analysis in Chemistry, Korea.	Invited lecture	International
2004	The 5 <sup>th</sup> princes Chulabhorn International Science Congress, Bangkok, Thailand	Invited talk	International
2004	23 <sup>rd</sup> Annual conference of the ICC, Bombay	Chairman (sectional) and invited talk	International
2005	Molecular mechanism of Drug Action, SAHA, Calcutta	Invited talk	International
2005	Hiyagrive Pre-University College, Mysore	Invited talk	National
2005	11 <sup>th</sup> NOST, Goa	Invited participant	International
2005	Department of Biochemistry, Kobe Pharmaceutical University, Kobe	Invited talk	International

2005	Graduate School of Material Science, Himeji Institute of Technology, University of Hyogo	Invited talk	International
2005	Kohei Tamao, Director, RIKEN Institute of Physical and Chemical Research, 2-1 Hirosawa, Wako, Saitman 351-0198, Japan	Invited talk	International
2005	Department of Chemistry, Graduate School of Science, Osaka University, 1-1 Machikaneyama, Toyonaka, Osaka 560-0043, Japan	Invited talk	International
2006	Anton Paar GmbH, Germany at Dubai	Invited talk	International
2006	National Centre Chemical Sciences for Industry and Society at Kuvempu University, India	Invited talk	National
2006	Defense Food Research Laboratory-Mysore	Invited talk	National
2006	Department of National University of Singapore	Invited talk	International
2007	Popularising Basic Science courses –A modern Approach, Govt, College, Hassan,	Key note address	National

	Karnataka		
2008	The Interface of Chemistry-Biology in Biomedical Research, Birla Institute of Technology, Pilani, Rajasthan	Main Lecture	International
2008	10 <sup>th</sup> CRSI National Symposium in Chemistry 2008, Indian Institute of Science, Bangalore	Paper Presentation	International
2008	27 <sup>th</sup> Annual conference Indian Council of Chemist, Gurukul Kangri Vishwavidyalaya-Haridwar	Invited talk	National
2008	International Conference on Frontiers in Chemical Research ICFCR-2008, Mangalore University, Mangalore	Invited talk	International
2009	National Seminar on Emerging Trends in Chemical Science Research, Sardar Patel University, Vallabh Vidyanagar, Gujrat	Plenary Lecturer	National
2009	13 <sup>th</sup> The Interface of Chemistry-Biological Science: Impact on health and environment, University of Delhi, Delhi	Main Lecture	International
2009	28 <sup>th</sup> Annual Convention of Indian Association for Cancer Research and International Symposium on Emerging Challenges and Approaches in Cancer Biology, Indian Institute of Science, Bangalore	Paper Presentation	International
2009	International Conference on Alzheimer's Disease (ICAD-2009), Vienna, Austria	Paper Presentation	International
2009	32 <sup>nd</sup> Series Student Projects Programme Seminal-cum-Exhibition, NITK, Surathkal	Technical Lecture	National
2009	National Seminal on Recent Developments in Green Chemistry, Sri Ramakrishna Mission Vidyala, Coimbatore, Tamilnadu	Key Note Address	National
2009	International Drug Discovery Science and Technology Congress (IDDST-2009), Shanghai, China	Invited talk	International
2009	International Conference on Current Trends in Chemistry and Biochemistry (ICCTCB-2009), Bangalore, India	Invited talk	International
2010	International Conference on Chemical Biology For Discovery: Perspectives and Challenges, Indian Society of Chemists & Biologists (ISCBC-2010).	Invited talk	International
2010	Frontier Research Center for Post-genome 6F, Nishi11, Kita 21, Hokkaido University	Invited talk	International
2010	Singapore-MIT alliance Research Technology, NUS Campus Singapore	Invited talk	International
2010	6 <sup>th</sup> International Conference on Structural Biology & Functional Genomics, organized by Department of Biological	Invited talk	International

	Sciences, National University of Singapore, Singapore		
2011	International Conference on Global Challenge's – The Role of Chemistry in giving their Solutions organized by Indian Council of Chemists at Bangkok	Key note address	International
2011	UGC Sponsored National Conference on Recent Trends in Chemistry (RTC-2011) organized by PES College of Science, Arts and Commerce, Mandya	Key note address	National
2012	13 <sup>th</sup> Tetrahedron Symposium on Challenges in Bioorganic and Organic Medicinal Chemistry in Amsterdam, The Netherlands.	Paper Presentation	International
2014	International conference at Huanghuai University, China	Invited talk	International
2014	Dr. D. C. Pavate Memorial Lecture at Karnatak University Dharwad	Invited talk	National
2014	15 <sup>th</sup> Tetrahedron Symposium on Challenges in Synthetic and Organic Medicinal Chemistry in Singapore	Paper Presentation	International
2015	102 <sup>nd</sup> Indian Science Congress Association Conference at Mumbai	Invited talk	National
2016	103 <sup>rd</sup> Indian Science Congress Association Conference at Mumbai	Invited talk	National
2016	Centenary talk at University of Mysore	Centenary talk	National
2017	International Conference on Drug Discovery organized by Schrodinger at Jawaharlal Nehru University, Delhi.	Invited talk	International
2017	National conference on Trends in Bioactive Natural Products and Health Care at Chikka Aluvara post graduate campus, Mangalore University, Kodagu	Keynote Address	National
2017	International Conference on Emerging Trends in Biotechnology for Waste Conversion at CSIR-National Environmental Engineering Research Institute, Nagpur, India	Plenary speaker	International
2019	National Conference on Science and Technology for Sustainable Development at Maharshi Dayanand University, Rohtak.	Keynote Address	National
2019	One day National Conference on at Adichunchanagiri University, BG Nagara, Mandya	Keynote Address	National
2019	National Conference on Future India Science and Technology at Himachal Pradesh University, Shimla	Keynote Address	National
2023	Department of Health Sciences, Hokkaido University, Japan	Invited Talk	International

## Convocation address at various universities

---

1. Delivered Convocation address at Government Ayurvedic College Mysore on 09-03-2010.
2. Delivered the Convocation Address at the Eighth Convocation of Swami Vivekananda Yoga Anusandhana Samsthana, Bangalore at Prashanti Kutiram, Bangalore on 12-01-2011.
3. Delivered Convocation Address on the occasion of 'Graduation Day-2011' of Kempegowda Institute of Medical Sciences, Bangalore from 10.30 a.m. at Bangalore on 12-02-2011.
4. Delivered convocation address at Sri Adichunchanagiri Vidya Samsthegalu, H.D.Kote, Mysore on 22-02-2011.
5. Delivered Convocation address at 4<sup>th</sup> Annual convocation of Sri Sri Institute of Management Studies at Goa on 30-04-2011.
6. Delivered a Key Note Address at 11<sup>th</sup> world congress & 19<sup>th</sup> Indian conference on "Reproductive and Child Health" Organized by NARCHI at Le Meridian, New Delhi on 16-09-2012.
7. Delivered Convocation address at National school of Business, Bangalore on 26-07-2013.
8. Delivered a Key Note address at Graduation day of Rajiv Institute of technology, Hassan, on 03-08-2013.
9. Delivered a Key Note address at Graduation Day of Adichunchanagiri First Grade College, H. D. Kote on 28-01-2014.
10. Delivered Convocation address at Adichunchanagiri Institute of Medical Sciences, Bellur on 07-03-2014.
11. Delivered Convocation address at Mandya Institute of Medical Sciences, Mandya on 14-03-2014.
12. Delivered Convocation address at Mysore Medical College (MMC), Mysore on 15-03-2014.

## Patents (13)

---

1. Kundu TK, Radhika V, Nanjunda Swamy S, Basappa, and Rangappa KS.; **"Specific Derivatives of 1, 2, 4-Triazolo-1, 3, 4-Thiadiazole Condensed Heterocyclic Nucleus Bearing Novel Small Molecule Compounds Induce Cancer-Specific Cell Death: Lead Compounds for Anti-Neoplastic Therapeutics"**.  
a) US patent, PCT/ IN/ 2006/ 000379.
2. Sughara K, Rangappa KS and Basappa; **"Shinki Teibunchi Kagoubutsn oyobi sonoseizouhow. Oxazine, Benzisoxazole and Triazole Dreivatives as Anti-Tumor Invasive Agents"**.  
a) Japan Patent, Tokugan 2006-081671/ 5019768 June 22<sup>nd</sup> 2012.
3. Kundu TK, Varier RA, Shivananju N, Basappa, Rangappa KS; **"Derivatives of 4,6-Disubstituted 1,2,4-Triazolo, 1,3,4-Thiadiazole A Process and Uses thereof"**  
a) EPO Patent, 1945648, 2011.
4. Rangappa KS, Basappa, Mohan CD, Shobith R, Bharathkumar H, Sethi G, Bender A, Lobie PE, Hui KM, Kumar AP, Pandey VK, Fuchs J, Shanmugam MK, Bulusu K, Dai X, Li F,



- Deivasigamani A.; **“Compounds as Modulator of JAK-STAT Pathway, Methods and Applications Thereof”**.  
 a) US Patent - Pub. No. US 2016/0214968 A1 dated 28-07-2016.  
 b) Indian Patent, 324/CHE/2015 dated 22-01-2015.
5. Rangappa K. S, Basappa, Mohan C. D, Shobith R, Bharathkumar H, Sethi G, Bender A, Lobie P. E, Hui K. M, Kumar A. P, Pandey V. K, Fuchs J, Shanmugam M. K, Bulusu K, Dai X, Li F, Deivasigamani A.; **“Compounds as Modulator of JAK-STAT Pathway, Methods and Applications Thereof”**.  
 a) Indian Patent, 4345/CHE/2015 dated 19-08-2015.
6. Ananda H, Sharath Kumar KS, Hegde M, Raghavan SC, Rangappa KS; **“2,3,5 Trisubstituted Pyrrole Derivatives as Topoisomerase Inhibitors and Therapeutic Uses Thereof”**.  
 a) International Patent Application No. PCT/IN2015/050134 dated 14-10-2015.
7. Sharath Kumar KS, Ananda H, Hegde M, Raghavan SC, Rangappa KS; **“Di and trisubstituted benzimidazole derivatives and method of preparation thereof”**.  
 a) Indian Patent Application No. 2016/41045135.
8. Rangappa KS, Lobie PE, Basappa, Mohan CD, Shobith R, Pandey VK, Anusha S, Baburajeev CP; **“Adamantyl Tethered Thiazolyl-Pyrazolines, Methods and Applications Thereof”**  
 a) Indian Patent Application No. 201641024910 A, Publication dated 26-01-2018.
9. Lobie PE, Pandey VK, Rangappa KS, Basappa, Keerthy HK, Mohan CD, Shobith R; **“Compounds Useful in Inhibiting Human Trefoil Factor 3”**.  
 a) International Patent Application No. PCT/SG2018/050277.
10. Rangappa KS, Basappa, Mohan CD, Shobith R, Srinivasa V, Pandey V, Lobie PE;  
**“Compounds as inhibitors of BAD phosphorylation, methods, and applications thereof”**  
 a) UK Patent-1607230.8 dated 26-04-2016.
11. Kumar A. P, Rangappa KS, Basappa, Mohan CD and others; **Compounds For Modulating SRC Family Kinases and Uses Thereof** ; U S Patent Application No. 10202260299X; 2023-24
12. Sathees C. Raghavan *et al*; **MERCAPTOPYRIMIDINE COMPOUNDS THAT INHIBIT NONHOMOLOGOUS END JOINING AND METHODS THEREOF**;  
 PCT/IN2022/051147;2023-24, Pub. No. : US 2025/0100977 A1
13. Anil SM, Swaroop TR, Vinayaka AC, Kiran KR, Rangappa KS and Sadashiva MP; **“Anti-Cancer Activity Of (4-(Methylthio) Thiazol-5-Yl) (Aryl/Heteroaryl) Methanones”**; Indian Patent No. 552579, Application No. 202141033826 dated 28-07-2021

## Complete List of Research Publications

### 2025

1. Vijayashankar Honnabandar, K., Prapullachandra, S.L., Swaroop, T.R., Rangappa, K.S. and Mantelingu, K., Synthesis of 2-acylthiazoles by the cyclocondensation of bromoacetaldehyde diethyl acetal with  $\alpha$ -oxothioamides. *Phosphorus, Sulfur, and Silicon and the Related Elements*, **2025**, 8, 613-617. (IF: 1.6)
2. Yoon, B., Suresh, R.N., Shivakumara, C.S., Harsha, K.B., Mohan, C.D., Sethi, G., Rangappa, K.S. and Ahn, K.S., Triazolyl-Indolo-Quinoxaline Triggers Differential Cell Death Pathways in Pancreatic Cancer via ROS/p38 Axis. *Chemico-Biological Interactions*, **2025**, 111668. (IF: 5.4)
3. Shalini V. Gowda, Na Young Kim, Kachigere B. Harsha, Darshini Gowda, Rajaghatta N. Suresh, Amudha Deivasigamani, Chakrabhavi Dhananjaya Mohan, Kam Man Hui, Gautam Sethi, Kwang Seok Ahn, Kanchugarakoppal S. Rangappa; A new 1,2,3-triazole-indirubin hybrid suppresses tumor growth and pulmonary metastasis by mitigating the HGF/c-MET axis in hepatocellular carcinoma; *Journal of Advanced Research*; **73**, **2025**, **341-356**. (IF: 11.4)
4. Yoon, B., Suresh, R.N., Mohan, C.D., Harsha, K.B., Shivakumara, C.S., Chinnathambi, A., Alharbi, S.A., Sethi, G., Rangappa, K.S. and Ahn, K.S., Triazole-quinoxaline attenuates epithelial-to-mesenchymal transition by suppressing the Wnt/ $\beta$ -catenin pathway in human colorectal cancer cells. *Archives of Biochemistry and Biophysics*, **2025**, 110476. (IF:3.8)
5. Jie Yuan, Geng Wang, Narasimha M. Beeraka, Hua Zhang, Qun Wang, Danfeng Zhang, Minghua Wang, Akshay Ravish, Arunachalam Chinnathambi, Sulaiman Ali Alharbi, Kanchugarakoppal S. Rangappa, Vladimir N. Nikolenko, Basappa Basappa, Li Yang. Dual action of pyrimidine derivatives: Targeting tamoxifen resistance in breast cancer, *Translational Oncology*, **2025**, 58, 102418 (IF:4.5)
6. S. M. Rajesh, D.C. Vinaykumar, V. Shalini, Harsha K. B, Darshini Gowda: Structural analysis and computational studies of cyclopropane derivatis as an anti-Alzheimer's agent: Investigation of interactions by X-ray crystallograpgy, DFT, molecular docking, and ADMET approaches. *Journal of Molecular Structure*.1341, **2025**, 142665 (IF:4.0)
7. M. B. Ashwini, V., Shalini S., M. Vanamala., K. S. Rangappa., The Complexities of Past Memory and Alzheimer's disease in Maternal Relationships: "Avni Doshi's Burnt Sugar. *Proc. Natl. Acad. Sci., India, Sect. B Biol. Sci.* 2025. <https://doi.org/10.1007/s40011-025-01720-w>
8. Uppar, P.M., Kim, N.Y., Harish, K.K., Beeraka, N.M., Gaonkar, S.L., Madegowda, M., Sethi, G., Rangappa, K.S., Nikolenko, V.N., Chinnathambi, A. and Alharbi, S.A., Targeting breast cancer cells with 2-Indolyl-1, 3, 4-oxadiazole compounds by inducing apoptosis, paraptosis and autophagy. *Chemico-Biological Interactions*, **2025**. 415, 111528. (IF:4.7)

9. Kemparajegowda, Rajaghatta N. Suresh, Toreshettahally R. Swaroop, Muddegowda Umashankara, Kempegowda Mantelingu, Kanchugarakoppal S. Rangappa, Electrochemical synthesis of 2,5-disubstituted-1,3,4-thiadiazoles via oxidative cyclization of benzothiohydrazides and aldehydes catalyzed by tetra-n-butylammonium iodide. *Tetrahedron Lett*, **2025**, 163, 155606 (I.F-1.5)
10. Narasimhachar, B.C., Ravish, A., Beeraka, N.M., Pookunoth, B.C., Basappa, S., Divakar, V., Rangappa, K.S., Nagaraja, O., Madegowda, M., Chandrashekara, P.G. and Basappa, B., Development of novel pyrimidine-thio-triazoles targeting EGFR in breast Cancer cells via one-pot copper-catalyzed 1, 3-dipolar cycloaddition. *Results in Chemistry*, **2025**, 14, 102150, (I.F-2.5)
11. Kumar Kavya, Rajaghatta N Suresh, Kanaka Vijayashankar Honnabandar, Sahana H, Toreshettahally R Swaroop, Kanchugarakoppal S Rangappa, Kempegowda Mantelingu: One-pot reaction between  $\alpha$ -oxodithioesters, cyanamide and  $\alpha$ -bromoketones/esters: A novel synthesis of 2-acyl-5-functionalized-4-aminothiazoles *Journal of Sulfur Chemistry* **2025**, 10.1080/17415993.2025.2481270, (I.F-2.1)
12. Karthik C. S, Prashanth D. P, Ningaraju G. N, Shobith Rangappa, K. S. Rangappa, Exploring the Potential of Thiazole Derivatives in Modulating the Wnt/ $\beta$ - Catenin Pathway for Colon Cancer Therapy *Discover Molecules*.**2025** (In Press)
13. Shashikala Mariswamy Rajesh Prasanna Doddakunche Shivaramu Chandra Sekhar Bhol Toreshettahally R. Swaroop, Habbanakuppe D. Preetham Rajaghatta N. Suresh Arunachalam Chinnathambi Chandramohan, Govindasamy Sulaiman Ali Alharbi V G Shalini Kwang Seok AhnShobith Rangappa, Kanchugarakoppal S. R:1,2,3-Triazole Tethered Spiro[Indoline-Oxirane] Derivatives Induce, Anticancer Effects in Human Hepatoma Cells *Chemical Biology & Drug Design*. **2025**, 105, 70091 (I.F-2.5)
14. Siddappa TP, Ravish A, Beeraka NM, Basappa S, Rangappa KS, Nikolenko VN, Basappa B. Novel Oxadiazolyl-Thio and Triazolyl-Thio-Heterocycles: Synthesis, Characterization, and In Silico Screening for Targeting NF- $\kappa$ B in Breast Cancer Cells. *Journal of Molecular Structure*. **2025** 19:141766 (I.F-4.0)
15. Kanaka Vijayashankar Honnabandar, Rajaghatta N Suresh, Kumar Kavya, Toreshettahally R Swaroop, Kanchugarakoppal S Rangappa, Kempegowda Mantelingu: Acid-Catalyzed Condensation of Primary/Secondary Amines with 2-Oxo-2-aryl-N-arylethanethioamides: A Highly Regioselective Synthesis of  $\alpha$ -Oxoamidines. *Synlett*. **2025**: DOI: 10.1055/a-2456-9704 (I.F- 1.8)
16. Swaroop TR, Suresh RN, Umashankara M, Rangappa KS. A Review on use of Electrolytes in Catalytic/Sub-stoichiometric Amounts in Electro-Organic Synthesis: A much Greener Approach. *Asian Journal of Organic Chemistry*. **2025**:e202400307 (I.F-2.8)
17. Suresh RN, Naveena CS, Swaroop TR, Mantelingu K, Rangappa KS. Synthesis, spectroscopic characterization, crystallographic studies, Hirshfeld surface analysis,

DFT, and molecular docking studies of (4-phenylthiazol-2-yl)(thiophen-2-yl) methanone. *Journal of Molecular Structure*. **2025** Feb 25;1323:140593 (I.F-4.0)

18. Uppar PM, Harish KK, Beeraka NM, Xi Z, Somu C, Madegowda M, Kempasiddegowda MS, Parameshwaraiah SM, Lobie PE, Rangappa KS, Pandey V. Optimizing Adamantane Derivatives for Enhanced EGFR Inhibition in MCF-7 Breast Cancer Cells. *Journal of Molecular Structure*. **2025** Jan 28:141554 (I.F-4.0)
19. Gowda D, Kumar DV, Gowda B, Chethan BS, Harsha KB, Shalini V, Sudhanva MS, Shobith R, Rangappa KS. A Comprehensive Investigation of 4-(4-chlorophenyl)-3-methyl-6, 7, 8, 9-tetrahydroisoxazolo [5, 4-b] quinolin-5 (4H)-one as Potential Anticancer Agent: Insights from Computational and Experimental Results Through Crystal Structure Analysis. *Journal of Molecular Structure*. **2025** Jan 19:141489 (I.F-4.0)
20. Shalini V, Kumar DV, Gowda D, Chethan BS, Harsha KB, Rajesh SM, Rangappa KS. Unveiling the structural and theoretical properties of 6-(2-fluoro-3-methylpyridin-4-yl)-2-(4-methoxyphenyl)-N-phenylquinoline-4-carboxamide compound as Sonic Hedgehog protein inhibitor: Synthesis, SCXRD, HSA, DFT, Docking and ADMET studies. *Journal of Molecular Structure*. **2025** Jan 23:141495. (I.F-4.0)
21. Ramakrishnegowda, D.H., Ramesh, S.B., Chandrakantha, K.S., Rangappa, S., Rangappa, K.S. and Sadashiva, M.P., Multi-functional Ag<sub>2</sub>O-NiO composite bio-catalyst: Efficacy in breast cancer and anti-microbial properties. *Next Materials*, **2025**, 8, p.100625.

## 2024

22. NaYoung Kim, Divakar Vishwanath, Shreeja Basappa, KeshavKumar Harish, Mahendra Madegowda, Kanchugarakoppal S. Rangappa, Basappa Basappa, Kwang Seok Ahn, Isoxazole based nucleosides induce autophagy through the production of ROS and the suppression of the  $\beta$ -catenin pathway in human colorectal carcinoma cells; *Chemico-Biological Interactions*, **2024**, **404**, 111285 (IF:4.7).
23. Kereyagalahally H. Narasimhamurthy , Toreshettahally R. Swaroop , Kanchugarakoppal S. Rangappa ,A review on progress of thiazole derivatives as potential anti-inflammatory agents; *European Journal of Medicinal Chemistry Reports*, **12**, **2024**, **100225**, <https://doi.org/10.1016/j.ejmcr.2024.100225> (IF: 6.5)
24. Shalini V, Priyadarshini A N, Harsha Kachigere B , Vinay Kumar D C , Darshini Gowda , Chethan B S , Sudhanva M Srinivasa , Shobith Rangappa , Kanchugarakoppal S Rangappa; Novel quinoline-4-carboxamide derivatives potentiates apoptosis by targeting PDK1 to overcome chemo-resistance in colorectal cancer: Theoretical and experimental results; *Heliyon*, **2024**, **10**, e38105 (IF: 3.4)

25. S. Chandrakantha, Ziteng Zuo, B.NF. Chandrashekar, Abbas Amini, Kanchugarakoppal S. Rangappa, Srikantaswamy Shivanna, Chun Cheng; Synergistic Effects of 1T-2H MoS<sub>2</sub> and Laser-Reduced Graphene Oxide-ZnO Scaffold Composite Catalyst for Efficient Hydrogen Evolution Reaction; *Materials Today Energy*, **2024**, *45*, 101683 (IF: 9.0)
26. Toreshettahally R. Swaroop, Rahym Bakyyev, Kanchugarkoppal S. Rangappa, Lokman Torun; Coondensation of Amines with S-Methyl Thiouronium Salts: Another Entry for the Synthesis of Amidines: *Synlett*, **2024**, 35,1703-1706 (IF: 2.0)
27. Young Yun Jung, Rajaghatta N. Suresh, Chakrabhavi Dhananjaya Mohan, Kachigere B. Harsha, Chilkunda Sannaiah Shivakumara, Kanchugarakoppal S. Rangappa, Kwang Seok Ahn; A new isoxazolyl-urea derivative induces apoptosis, paraptosis, and ferroptosis by modulating MAPKs in pancreatic cancer cells; *Biochimie*, **2024**, *227*, 262-272 (IF:3.3)
28. Min Hee Yang, Basappa Basappa, Suresha N. Deveshegowda, Akshay Ravish, Arunkumar Mohan, Omantheswara Nagaraja, Mahendra Madegowda, Kanchugarakoppal S. Rangappa, Amudha Deivasigamani, Vijay Pandeye, Peter E. Lobiee, Kam Man Huid, Gautam Sethi, Kwang Seok Ahn; A novel drug prejudice scaffold-imidazopyridine-conjugate can promote cell death in a colorectal cancer model by binding to  $\beta$ -catenin and suppressing the Wnt signaling pathway; *Journal of Advanced Research*; **2024**, *72*, 615-632 (IF: 11.4)
29. Rajaghatta N. Suresh, Young Yun Jung, Kachigere B. Harsha, Chakrabhavi Dhananjaya Mohan, Kwang Seok Ahn, Kanchugarakoppal S. Rangappa; Isoxazolyl-urea derivative evokes apoptosis and paraptosis by abrogating the Wnt/ $\beta$ -catenin axis in colon cancer cells; *Chemico-Biological Interactions*, **2024**, *399*, 111143 (IF:4.7)
30. Chakrabhavi Dhananjaya Mohan, Kanchugarakoppal S Rangappa, Gautam Sethi; Transmembrane protein 25 abrogates monomeric EGFR-driven STAT3 activation in triple-negative breast cancer; *MedComm*, **2024**, *5*:e492(IF: 9.9)
31. Dr Kothanahally S Sharath Kumar, Shobith Rangappa; Kanchugarakoppal S. Rangappa Sulfur (SVI)-containing heterocyclic hybrids as antibacterial agents against methicillin-resistant Staphylococcus aureus (MRSA) and its SAR; *Bioorganic Chemistry*, **2024**, *145*, 107241(IF: 5.3)
32. Yuan, J., Yang, L., Li, Z., Zhang, H., Wang, Q., Wang, B., Chinnathambi, A., Govindasamy, C., Basappa, S., Nagaraja, O. and Madegowda, M., 2024. Pyrimidine–triazole-tethered tert-butyl-piperazine-carboxylate suppresses breast cancer by targeting estrogen receptor signaling and  $\beta$ -catenin activation. *IUBMB life*, **2024**, *76*(12), 1309-1324 (IF: 4.6)
33. Yoon, B., Basappa, B., Basappa, S., Nagaraju, O., Madegowda, M., Rangappa, K.S., Sethi, G. and Ahn, K.S., 2024. Thiouracil and triazole conjugate induces autophagy through the downregulation of Wnt/ $\beta$ -catenin signaling pathway in human breast cancer cells. *IUBMB life*, **2024**, *76*(12), 1377-1391 (IF: 4.6)
34. Chakrabhavi Dhananjaya Mohan, Muthu K Shanmugam, Siddegowda Gopalapura Shivanne Gowda, Arunachalam Chinnathambi, Kanchugarakoppal S. Rangappa, Gautam Sethi; C-Met pathway in human malignancies and its targeting by natural Compounds for cancer therapy; *Phytomedicine*, **2024**

35. Preetham HD, Kothanahally S. Sharath Kumar, Aravind Kandaswamy, Shobith Rangappa, Mansour K. Gatasheh, Umashankara Muddegowda, and Kanchugarakoppal S. Rangappa; Alternative Approach to Access 5-Hydroxy-1H-pyrrol-2-(5H)-ones from Base-Induced Tandem Intramolecular Cyclization of Sulfur Ylide with Ketones and 1,3-Hydroxy Rearrangement; *ACS Omega*, **2024**, *8*, **50**, 48251–48257 (IF: 4.1)
36. Young Yun Jung , Chulwon Kim , Muthu K Shanmugan, Amudha Deivasigamani Arunachalam Chinnathambi, Sulaiman, Ali Alharbi, KS Rangappa, Kam Man Hui, Gautham Sethi, CD Mohan, Kwang Seok Ahn. Kwang Seok Ahn; Leonurine ameliorates the STAT3 pathway through the upregulation of SHP-1 to retard the growth of hepatocellular carcinoma cells; *Cellular Signalling*; **2024**, [doi.org/10.1016/j.cellsig.2023.111003](https://doi.org/10.1016/j.cellsig.2023.111003) (IF: 4.3)
37. D.C. Vinay Kumar, B.S. Chethan, Shalini V, K.S. Rangappa, N.K. Lokanath; Structural elucidation and in-silico evaluation of 1,2,4-triazole derivative as potent Omicron variant of SARS-CoV-2 spike protein inhibitor with pharmacokinetics ADMET and drug-likeness predictions. *Journal of Molecular Structure*, **2024**, [doi.org/10.1016/j.molstruc.2023.136976](https://doi.org/10.1016/j.molstruc.2023.136976), 5 Feb 2024, 136976. (IF:3.8)

## 2023

38. Narasimhamurthy KH, Joy, Sajith AM, Santra S, Zyryanov GV, Swaroop TR, Rangappa KS; Recent advances in organic synthesis using glycerol as a green media. *Lett. Org. Chem.* **2023**, *20*(10), 945-957. (IF:1.0)
39. Shivaraj M Suresh RN, Swaroop TR, Kumara MN, Rangappa KS, Mantelingu K, Mamatha Devi AB, Manasa MP, Umashankara M; Electrochemical Synthesis of 3,5-Bis(acyl)-1,2,4-thiadiazoles through *n*-Bu<sub>4</sub>NI-mediated Oxidative Dimerization of  $\alpha$ -Oxothioamides; *Electrochemistry*, **2023**, *91*(12), 122001.
40. Deepu HR, Kampalapura S. Chandrakanthab, Deepadarshan Urs, Mohamed Elfeky, Jagadish Krishnegowda, Shobith Rangappa, Kanchugarakoppal S. Rangappa, Srikantaswamy Shivanna; Synthesis of p-CuO/n-ZnO heterostructure by microwave hydrothermal method and evaluation of its photo and bio-catalytic performance; *Heliyon*, **2023**, [doi.org/10.1016/j.heliyon.2023.e22758](https://doi.org/10.1016/j.heliyon.2023.e22758) (IF: 4)
41. Suresh RN, Swaroop TR, Darshini Gowda, Mantelingu K, Rangappa KS; A panoramic view on synthetic applications of  $\alpha$ -oxothioamides: a highly regioselective synthesis of 2-acyl-4-(het) arylthiazoles and thioethers; *RSC Advances*, **2023**, *13*, 4910-4916. (IF: 4.036)
42. Suresh RN, Swaroop TR, Shalini V, Mantelingu K, Rangappa KS; Synthesis of 3,5-bis(acyl)-1,2,4-thiadiazoles via iodine mediated oxidative dimerization of  $\alpha$ - oxothioamides; *Tetrahedron Lett*, **2023**, *116*, 154302. (IF: 2.032)

43. Vinay Kumar DC, Chethan BS, Darshini Gowda, Rangappa KS, Lokanath NK; Investigation of the crystal structure, supramolecular architecture and in-silico myelofibrosis inhibition of a triazole derivative: a structural and theoretical approach; *Journal of Molecular Structure*, **2023**, **135770**, <https://doi.org/10.1016/j.molstruc.2023.135770>. (IF: 3.841)
44. Darshini Gowda, Harsha KB, Shalini V, Shobith R, Rangappa KS; Microwave assisted one-pot access to pyrazolo quinolinone and tetrahydroisoxazolo quinolinone derivatives via T3P®-DMSO catalysed tandem oxidative–condensation reaction; *RSC Advances*, **2023**, **13**, **28362-28370**. (IF : 4.036)
45. Jagadeesha GS, Thimmegowda NR, Mantelingu K, Prasanna DS, Rangappa KS; Microwave-Assisted, Rapid Synthesis of Benzimidazole based Potential Anticancer Agent Methyl 1-benzyl-2-(4-fluoro-3-nitrophenyl)-1H-benzo[d]imidazole-5-carboxylate (TJ08) via T3P Mediated Cyclization; *Asian Journal of Chemistry*; **2023**, **35**, **3,598-604**. (IF: 0.158)
46. Kiran KR, Swaroop TR, Preetham R, Georghiou PE, Rangappa KS, Sadashiva MP; Acid-Catalysed Cyclization of o-Aminobenzamide with  $\alpha$ - Oxodithioesters: A Divergent and Regioselective Synthesis of Quinazolinones and 1,3-Benzothiazinones; *ChemistrySelect*, **2023**, **8**, e202203618. (IF: 2.307)
47. Swaroop TR, Shivaparasad CM, Rangappa KS; Art of Writing Flowchart in Organic Chemistry Practicals Induces Logical Thinking in Chemistry Students; *J Chem Edu Res Prac*. **2023**, **7**, **1**. (IF: 2.99)
48. Hegde M, Sosmitha G, Nikunj N, Aviral K, Alaqhtani MS, Abbas M, Mohan CD, Sudha W, Hui KM, Rangappa KS, Gautham S, Ajaikumar BK; Natural compounds targeting nuclear receptors for effective cancer therapy; *Cancer and Metastasis Reviews*, **2023**, <http://doi.org/10.1007/s10555-022-10068-w>. (IF: 9.237)
49. Sin SQ, Mohan CD, Jing-Goh RM, You M, Nayak SC, Chen L, Gautham S, Rangappa KS, Wang L; Hypoxia signalling in hepatocellular carcinoma: Challenges and therapeutic opportunities; *Cancer and Metastasis Reviews*, **2023**, <http://doi.org/10.1007/s10555-022-10071-1>. (IF: 9.237)
50. Deepu HR, Chandrakantha KC, Anil Kumar BM, Shobith R, Rangappa KS, Srikantaswamy S; Ag mediated plasmonic AgO/ZnO composite and its pharmaceutical relevance; *Materials Science and Engineering: B*, **2023**, **292**, 116437. (IF: 3.407)
51. Ragi Jadimurthy, Jagadish S, Nayak SC, Sumana K, Mohan CD, Rangappa KS; Phytochemicals as Invaluable Sources of Potent Antimicrobial Agents to Combat Antibiotic Resistance; *Life*, **2023**, **13**, **948**. (IF: 3.253)
52. Ashrafizadeh M, Mohan CD, Shobith R, Ali Z, Kiavash H, Alan PK, Gautam Sethi, Rangappa KS; Noncoding RNAs as regulators of STAT3 pathway in gastrointestinal cancers: Roles in cancer progression and therapeutic response; *Medicinal Research Reviews*, **2023**; **43**:1263-1321. <https://doi.org/10.1002/med.21950>. (IF: 12.388)
53. Ang HL, Mohan CD, Shanmugam MK, Leong HC, Pooyan M, Rangappa KS, Anupam B, Alan PK, Gautam Sethi; Mechanism of epithelial-mesenchymal transition in cancer and its regulation by natural compounds; *Medicinal Research Reviews*, **2023**; **43**:1141-1200 <https://doi.org/10.1002/med.21948>. (IF: 12.388)



54. Jung YY, Mohan CD, Shobith R, Jae-Young Um, Arunachalam C, Sulaiman AA, Rangappa KS, Ahn KS; Brucein D imparts a growth inhibitory effect in multiple myeloma cells by abrogating the Akt-driven signaling pathway; *IUBMB Life*, **2023**, **75**,**2**, **149-160**. (IF: 4.709)
55. Nikita G, Mohan CD, Shanmugam MK, Jung YY, Arunachalam C, Sulaiman AA, Milad A, Manas M, Andreas B, Alan PK, Thomas CP, Rangappa KS, Xianbin Z, Kwang SA, Gautam S; CXCR4 expression is elevated in TNBC patient derived samples and Z-guggulsterone abrogates tumor progression by targeting CXCL12/CXCR4 signaling axis in preclinical breast cancer model; *Environmental Research*, **2023**, **232**, **116335**. (IF: 8.4)
56. Jawad SF, Altalbawy FM, Hussein RM, Fadhil AA, Jawad MA, Zabibah RS, Taraki TY, Mohan CD, Rangappa KS; The strict regulation of HIF-1 $\alpha$  by non-coding RNAs; new insight towards proliferation, metastasis, and therapeutic resistance strategies. *Cancer and Metastasis Reviews*, **2023**, Aug **8**:1-23. (IF:10.0)
57. RN Suresh, YY Jung, CD Mohan, VG Shalini, KB Harsha, K Mantelingu, Gautam Sethi, KS Ahn, KS Rangappa; A new triazolyl-indolo-quinoxaline induces apoptosis in gastric cancer cells by abrogating the STAT3/5 pathway through upregulation of PTP $\epsilon$ C. *Drug Development Research*, **2023**, DOI: 10.1002/ddr.22117. (IF:5.01)

## 2022

58. Kim NY, Mohan CD, Chinnathambi A, Alharbi SA, Sethi G, Rangappa KS and Ahn KS; Euphorbiasteroid Abrogates EGFR and Wnt/ $\beta$ -Catenin Signaling in Non-Small-Cell Lung Cancer Cells to Impart Anticancer Activity; *Molecules*, **2022**, **27**(12), **3824**. (IF: 4.927)
59. Jung YY, Mohan CD, Eng H, Narula AS, Ojas AN, Blough BE, Rangappa KS, Sethi G, Kumar AP and Ahn KS; 2,3,5,6-Tetramethylpyrazine Targets Epithelial-Mesenchymal Transition by Abrogating Manganese Superoxide Dismutase Expression and TGF  $\beta$ -Driven Signaling Cascades in Colon Cancer Cells; *Biomolecules*, **2022**, **12**(7), **891**. (IF: 6.064)
60. Zhanga J, Jung YY, Mohan CD, Deivasigamani A, Chinnathambi A, Alharbi SA, Rangappa KS, ManHui K, Sethi G and Ahn KS; Nimbolide enhances the antitumor effect of docetaxel via abrogation of the NF- $\kappa$ B signaling pathway in prostate cancer preclinical models; *Biochimica et Biophysica Acta (BBA) - Molecular Cell Research*, **2022**, **1869**, **12**, **119344**. (IF: 5.011)
61. Pandey V, Zhang X, Poh HM, Wang B, Dukanya D, Ma L, Yin Z, Bender A, Periyasamy G, Zhu T, Rangappa KS, Basappa B, and Lobie PE; Monomerization of Homodimeric Trefoil Factor 3 (TFF3) by an Aminonitrile Compound Inhibits TFF3-Dependent Cancer Cell Survival; *ACS Pharmacology and Translational Science*, **2022**, **5**, **9**, **761–773**. (IF: 1.673)
62. Yang MH, Mohan CD, Deivasigamani A, Chinnathambi A, Alharbi SA, Rangappa KS, Jung SH, Ko H, Hui KM, Sethi G and Ahn KS; Procaine Abrogates the Epithelial-Mesenchymal Transition Process through Modulating c-Met Phosphorylation in Hepatocellular Carcinoma; *Cancers*, **2022**, **14**, **4978**. (IF: 6.575)
63. Sin ZW, Mohan CD, Chinnathambi A, Govindasamy C, Shobith R, Rangappa KS, Jung YY and Ahn KS; Leelamine Exerts Antineoplastic Effects in Association with Modulating Mitogen-Activated Protein Kinase Signaling Cascade; *Nutrition and Cancer*, **2022**, **74**, **9**, **3375–3387**. (IF: 2.816)



64. Ray U, Vindya KG, Shivangi S, Goyary L, Choudhary B, Mantelingu K, Rangappa KS, Raghavan SC; Identification and characterization of mercaptopyrimidine-based small molecules as inhibitors of nonhomologous DNA end joining; *The FEBS Journal*, <https://doi.org/10.1111/febs.16615>. (IF: 5.622)
65. Jagadeesha GS, Mantelingu K, Thimmegowda KR, Rangappa KS; Microwave-Assisted, Metal-Free, Chemoselective N-Formylation of Amines using 2-Formyl-1,3-dimethyl-1H-imidazol-3-ium Iodide and in Situ Synthesis of Benzimidazole and Isocyanides; *SynOpen* **2022**; **06(02)**: 132-140. (IF: 0.66)
66. Shamanth S, Sandhya NC, Narayana Y, Sunilkumar MP, Mamatha M, Rangappa KS & Mantelingu K; T3P® facilitated one pot multicomponent reaction comprising unique intramolecular rearrangement; *Synthetic Communications*, **2022**, **52**, **8**, 1122–1130. (IF: 1.937)
67. Narasimhamurthy KH, Nichhapurada K, Mohan CD and Rangappa KS; Anticancer Functions of Pyridine Heterocycles; *IntechOpen*, **2022**, DOI: <http://dx.doi.org/10.5772/intechopen.10615>. (IF: 0.101)
68. Mohan CD, Yang MH, Shobith R, Chinnathambi A, Alharbi SA, Alahmadi TA, Amudha D, Hui KM, Sethi G, Rangappa KS and Ahn KS; 3-Formylchromone Counteracts STAT3 Signaling Pathway by Elevating SHP-2 Expression in Hepatocellular Carcinoma; *Biology*, **2022**, **11**, **29**. (IF: 5.168)
69. Srinivas C, Sandhya C N, Sunilkumar MP, Yatheesh N, Kumara MN, Rangappa KS, Mantelingu K; An expedient, efficient and solvent-free synthesis of T3P®-mediated amidation of benzhydrols with poorly reactive N-nucleophiles under MW irradiation; *New Journal of Chemistry*, **2022**, doi: 10.1039/D1NJ04502D. (IF: 3.925)
70. Mahesha, Udaya KH, Vindya KG, Pampa KJ, Rangappa KS, Lokanath NK; Structure-property relationship in thioxotriaza-spiro derivative: Crystal structure and molecular docking analysis against SARS-CoV-2 main protease; *Journal of Molecular Structure* **2022**, **1250**, 131746. (IF: 3.841)
71. Preetham HD, Umashankara M, Sharath KS, Shobith R, Rangappa KS; Pyrrolidine-based cationic  $\gamma$ -peptide: a DNA-binding molecule works as a potent anti-gene agent; *Medicinal Chemistry Research*, **2022**, 00044-021-02833-3. (IF: 2.351)
72. Preetham HD, Umashankara M, Sharath KS, Shobith R, Rangappa KS; Identification of  $\beta$ -aminopyrrolidine containing peptides as  $\beta$ -amyloid aggregation inhibitors for Alzheimer's disease; *Journal of Peptide Science*, **2022**, **28** (6), e3386. (IF: 2.408)
73. Swaroop TR, Shivaprasad CM, Preetham R, Sadashiva MP & Rangappa KS; Developments in the electrochemical synthesis of thia-heterocycles; *Phosphorus, Sulfur, and Silicon and the Related Elements*, **2022**, **197(9)**, 891-898. (IF: 1.052)
74. Jadimurthy R, Shilpa BM, Nayak SC, Mohan CD, Rangappa KS; Escaping mechanisms of ESKAPE pathogens from antibiotics and their targeting by natural compounds; *Biotechnology Reports*, **34** (2022) e00728. (IF: 0.854)
75. Jagadeesha GS, Sudhanva MS, Anil Kumar BM, Akshay U, Shwetha B, Sridhar BT, Vidya N, Shobith R, Rangappa KS; Novel 1,2,5-Trisubstituted Benzimidazoles Potentiate Apoptosis

by Mitochondrial Dysfunction in Panel of Cancer Cells; *ACS Omega*, **2022**, *7*, 46955-46971. (IF: 4.132)

76. Preetham R, Vijay Kumar MS, Swaroop TR, Divyashree S, Kiran KR, Sreenivasa MY, Sadashiva MP, Rangappa KS; An Efficient Route for the Synthesis of 1,5-Disubstituted Tetrazoles and their Anti-Microbial Activity Against *Salmonella Paratyphi*; *ChemistrySelect*, **2022**, *7*, e202203079. (IF: 2.307)
77. Swaroop TR, Umashankara M, Vijay KT, Rangappa KS; Recent Advances in the Use of Transition Metal Catalysts in the Electro-Organic Synthesis; *Journal of the Electrochemical Society*, **2022**, *169*, 115501. (IF: 4.371)
78. Hashemi M, Shima H, Mohan CD, Maryam M, Shamin R, Yeganeh O, Yeganeh G, Amin G, Reza SM, Nazanin G, Amirabbas K, Shokooh S, Yavuz NE, Rangappa KS, Afshin T, Malilheh E; Long non-coding RNA/epithelial-mesenchymal transition axis in human cancers: Tumorigenesis, chemoresistance and radioresistance; *Pharmacological Research*, **2022**, *1186*, 106535. (IF: 10.334)
79. Verna SK, Rameshwari V, Girish YR, Xue F, Yan L, Shekar V, Monia S, Yogesh V, Afzal BS, Richie RB, Rakesh KP, Sharath Kumar KS, Rangappa KS; Heterogeneous graphitic carbon nitrides in visible-light-initiated organic transformations; *Green Chemistry*, **2022**, *24*, 438-479. (IF: 11.034)
80. Shanaya R, Mohan CD, Jenaifer RM, Su Q, Naz I, Rangappa KS, Ahn KS; The multifaceted antineoplastic role of pyrimethamine against human malignancies; *IUBMB Life*, **2022**, 1-15. (IF: 4.709)
81. Yatheesh N, Sandhya NC., H.E. Dinesh, Sridhar BT, Rangappa KS and Mantelingu K; N-Heterocyclic Carbene Mediated Organocatalysis Reactions; *IntechOpen*, **2022**, doi: 10.5772/intechopen.100642. (IF: 0.101)

## 2021

82. Sharath KS, Girish YR, Ashrafizadeh M, Mirzaei S, Rakesh KP, Gholami MH, Zabolian A, Hushmandi K, Orive G, Kadumudi FB, Dolatshahi-Pirouz A, Thakur VK, Zarrabi A, Makvandi P, Rangappa KS; AIE-featured tetraphenylethylene nanoarchitectures in biomedical application: Bioimaging, drug delivery and disease treatment; *Coordination Chemistry Reviews*, **2021**, *447*, 214135. (IF: 22.315)
83. Mohan CD, Shobith R, Nayak SC, Jadimurthy R, Wang L, Sethi G, Garg M, Rangappa KS; Bacteria as a treasure house of secondary metabolites with anticancer potential; *Seminars in Cancer Biology*, **2021**. doi: 10.1016/j.semcancer.2021.05.006. (IF: 17.012)
84. Mohan CD, Shobith R, Nayak SC, Sethi G, Rangappa KS; Paradoxical functions of long noncoding RNAs in modulating STAT3 signaling pathway in hepatocellular carcinoma; *BBA Reviews on Cancer*, **2021**, *1876*, 188574. (IF: 10.54)
85. Pandya G, Kirtonia A, Singh A, Goel A, Mohan CD, Rangappa KS, Pandey AK, Kapoor S, Tandon S, Sethi G, Garg M; A comprehensive review of the multifaceted role of the microbiota in human pancreatic carcinoma; *Seminars in Cancer Biology*, **2021**. doi: 10.1016/j.semcancer.2021.05.027. (IF: 17.012)
86. Cheruku S, Sajith AM, Narayana Y, Shetty P, Nagarakere SC, Sagar KS, Kumara MN, Rangappa KS, Mantelingu K; Co<sub>2</sub>(CO)<sub>8</sub> as a Solid CO (g) source for the amino carbonylation

of (hetero)aryl halides with highly deactivated (hetero)arylamines; *The Journal of Organic Chemistry*, **2021**, *86*, 5530-5537. (IF: 4.198)

87. Barash U, Shobith R, Mohan CD, Divakar V, Boyang I, Vlodavsky I, Basappa, Rangappa KS; New heparanase-inhibiting triazolo-thiadiazoles attenuate primary tumor growth and metastasis; *Cancers*, **2021**, *13*, 2959. (IF: 6.32)
88. Mohan CD, Kim C, Siveen KS, Manu KA, Shobith R, Chinnathambi A, Alharbi SA, Rangappa KS, Kumar AP, Ahn KS; Crocetin imparts antiproliferative activity *via* inhibiting STAT3 signaling in hepatocellular carcinoma; *IUBMB Life*, 2021. DOI: 10.1002/iub.2555. (IF: 4.709)
89. Verma SK, Verma R, Kumar KSS, Banjare L, Shaik AB, Bhandare RR, Rakesh KP, Rangappa KS; A key review on oxadiazole analogs as potential methicillin-resistant *Staphylococcus aureus* (MRSA) activity: Structure-activity relationship studies; *European Journal of Medicinal Chemistry*, **2021**, *219*, 113442. (IF: 7.10)
90. Verma R, Verma SK, Rakesh KP, Girish YR, Ashrafizadeh M, Kumar KSS, Rangappa KS; Pyrazole-based analogs as potential antibacterial agents against methicillin-resistance *staphylococcus aureus* (MRSA) and its SAR elucidation; *European Journal of Medicinal Chemistry*, **2021**, *212*, 113134. (IF: 7.10)
91. Zha GF, Preetham HD, Shobith R, Kumar KSS, Girish YR, Rakesh KP, Ashrafizadeh M, Zarrabi A, Rangappa KS; Benzimidazole analogues as efficient arsenals in war against methicillin-resistance *staphylococcus aureus* (MRSA) and its SAR studies; *Bioorganic Chemistry*, **2021**, *115*, 105175. (IF: 5.16)
92. Mohan CD, Liew YY, Jung YY, Shobith R, Preetham HD, Chinnathambi A, Alahmadi TA, Alharbi SA, Lin ZX, Rangappa KS, Ahn KS; Brucein D modulates MAPK signaling cascade to exert multi-faceted anti-neoplastic actions against breast cancer cells; *Biochimie*, **2021**, *182*, 140-151. (IF: 4.372)
93. AM Sajith, KH Narasimhamurthy, MK Shanmugam, Shobith R, Nayak SC, Chinnathambi A, Alahmadi TA, Alharbi SA, Haridas KR, Reddy EK, Savitha B, Mohan CD, Rangappa KS; Pyrimidine-2, 4-dione targets STAT3 signaling pathway to induce cytotoxicity in hepatocellular carcinoma cells; *Bioorganic & Medicinal Chemistry Letters*, **2021**, *50*, 128332. (IF: 2.90)
94. Shwetha B, Sudhanva MS, Jagadeesha GS, Thimmegowda NR, Hamse VK, Sridhar BT, Thimmaiah KN, Anandakumar CS, Shobith R, Rangappa KS; Furan-2-carboxamide derivative, a novel microtubule stabilizing agent induces mitotic arrest and potentiates apoptosis in cancer cells; *Bioorganic Chemistry*, **2021**, *108*, 104586. (IF: 5.16)
95. Kumar KSS, Ananda H, Shobith R, Raghavan SC, Rangappa KS; Regioselective competitive synthesis of 3,5-bis(het) aryl pyrrole-2-carboxylates/carbonitriles vs.  $\beta$ -enaminones from  $\beta$ -thioxoketones; *Tetrahedron Letters*, **2021**, *82*, 153373. (IF: 2.08)
96. Kiran KR, Swaroop TR, Santhosh C, Rangappa KS, Sadashiva MP; Cyclocondensation of o-Phenylenediamines with 2-Oxo-ethanimidothioates: A Novel Synthesis of 2-Amino-3-(het) aryl-quinoxalines; *ChemistrySelect*, **2021**, *6*, 7262-7265. (IF: 2.307)
97. Basappa B, Baburajeev CP, Mamatha SK, Rangappa KS, Lobie PE, Pandey V; Novel biphenyl amines inhibit oestrogen receptor (ER)- $\alpha$  in ER-positive mammary carcinoma cells; *Molecules*, **2021**, *26*, 783. (IF: 4.927)
98. Prathima C, Baburajeev CP, Bovilla VR, Veeresh PM, Leihang Z, Thippeswamy T, Padukudru MA, Hathur B, Rangappa KS, Basappa, SubbaRao MV; Design, synthesis,

characterization, and crystal structure studies of Nrf2 modulators for inhibiting cancer cell growth in vitro and in vivo; *ACS Omega*, **2021**, *6*, 10054-10071. (IF: 4.132)

99. Sujesh S, Kumar SM, Anil Kumar BM, Sushmitha S, Darshan K, Mohan CD, Rangappa KS, Gupta VK, Nayaka SC; Green synthesis of silver nanoparticles by *Cytobacillus firmus* isolated from the stem bark of *Terminalia arjuna* and its anti-microbial activity; *Biomolecules*, **2021**, *11*, 259. (IF: 5.88)
100. Siddaiah CN, Anil Kumar BM, Deepak SA, Lateef SS, Nagpal S, Rangappa KS, Mohan CD, Shobith R, Madan KS, Sharma M, Gupta VK; Metabolite Profiling of *Alangium salviifolium* bark using advanced LCMS and GC/QTOF technology; *Cells*, **2021**, *10*, 1. (IF: 7.677)
101. Sukrutha KP, Swaroop TR, Preetham R, Lokanath NK, Rangappa KS; A convenient way for alkylation of amines using xanthate esters; *Synthetic Communications*, **2021**, 1-8. (IF: 2.17)
102. Swaroop TR, Rangappa KS, Torun L; Claisen type condensation of methyl ketones with carbimidothioates: A new gateway for the synthesis of  $\beta$ -enaminones; *ChemistrySelect*, **2021**, *6*, 177-180. (IF: 2.307)
103. Paramesh CC, Halligudra G, Muniyappa M, Shetty M, Somashekharappa KK, Dinesh R, Rangappa KS, Prasanna DS; Silver nanoparticles anchored TiO<sub>2</sub> nanotubes prepared using saponin extract as heterogeneous and recyclable catalysts for reduction of dyes; *Ceramics International*, **2021**, *47*, 14750-14759. (IF: 5.16)
104. Paramesh CC, Halligudra G, Gangaraju V, Sriramaju JB, Shastri M, Dinesh R, Rangappa KS, Prasanna DS; Silver nanoparticles synthesized using saponin extract of *Simarouba glauca* oil seed meal as effective, recoverable and reusable catalyst for reduction of organic dyes; *Ceramics International*, **2021**, *3*, 100005. (IF: 5.16)
105. Sriramaju JB, Muniyappa M, Marilingaiah NR, Chetana S, Shetty M, Mudike R, Chitrabanu CP, Prasanna DS, Nagaraju G, Rangappa KS, Kumar A, Dinesh R; Carbon-based TiO<sub>2</sub>-x heterostructure nanocomposites for enhanced photocatalytic degradation of dye molecules; *Ceramics International*, **2021**, *47*, 10314-10321. (IF: 5.16)
106. Rajeev N, Kumar KSS, Bommegowda YK, Rangappa KS, Sadashiva MP; Catalyst free sequential one-pot reaction for the synthesis of 3-indole propanoates/propanoic acid/propanamides as antituberculosis agents; *Journal of the Chinese Chemical Society*, **2021**, *68*, 39-44. (IF: 1.74)
107. Chandrappa S, Narasimhamurthy KH, Joy MN, Rangappa KS; One-pot Tandem Approach for the Diastereoselective Syn-diacetoxylation of in Cinnamic esters; *Chemical Data Collections*, **2021**, 100710. (IF: 2.50)
108. Shamanth S, Nagarakere SC, Sagar KS, Narayana Y, Mamatha M, Rangappa KS, Mantelingu K; T3P mediated intramolecular rearrangement of o-aminobenzamide to o-ureidobenzonitrile using isothiocyanates; *Synthetic Communications*, **2021**, *51*, 1197-1205. (IF: 2.17)
109. Narasimhamurthy KH, Guruswamy DKM, Kallesha N, Rangappa KS; Synthesis of bioactive quinoline acting as anticancer agents and their mode of action using in silico analysis towards Aurora kinase A inhibitor; *Chemical Data Collections*, **2021**, *35*, 100768. (IF: 2.50)

110. Loukik A, Mohan CD, Yang MH, Shobith R, Deivasigamani A, Kumar AP, Kunnumakkara AB, Manoj G, Chinnathambi A, Alharbi SA, Alahmadi TA, Rangappa KS, Hui KM, Sethi G and Ahn KS; Tris(dibenzylideneacetone)dipalladium (0) (Tris DBA) Abrogates Tumor Progression in Hepatocellular Carcinoma and Multiple Myeloma Preclinical Models by Regulating the STAT3 Signaling Pathway; *Cancers*, **2021**, **13**, 5479. (IF: 6.32)
111. Girimanchanaika SS, Dukanya D, Ananda S, Govindachar DM, Mahendra M, Ganga P, Rangappa KS, Vijay P, Lobie PE and Basappa B; Investigation of NPB Analogs That Target Phosphorylation of BAD-Ser99 in Human Mammary Carcinoma Cells; *International Journal of Molecular Sciences*, **2021**, **22**, 11002. (IF: 6.208)
112. Chandrakantha KS, Abdo H, Abhilash HR, Deepu HR, Dhananjay KP, Jagadish K, Rangappa KS, Srikantaswamy S; Microwave hydrothermal synthesis of copper induced ZnO/gC<sub>3</sub>N<sub>4</sub> heterostructure with efficient photocatalytic degradation through S-scheme mechanism; *Journal of Photochemistry and Photobiology A: Chemistry*; **2021**, **418**, 113394. (IF: 5.14)

## 2020

113. Mohan CD, Shobith R, Preetham HD, Nayak SC, Gupta VK, Basappa, Sethi G, Rangappa KS; Targeting STAT3 signaling pathway in cancer by agents derived from Mother Nature; *Seminars in Cancer Biology*, **2020**, doi: 10.1016/j.semcancer.2020.03.016. (IF: 11.39)
114. Lee JH, Mohan CD, Deivasigamani A, Shobith R, Basappa, Chinnathambi A, Alahmadi TA, Alharbi SA, Garg M, Lin ZX, Rangappa KS, Sethi G, Hui KM, Ahn KS; Brutal suppresses STAT3-driven metastasis by downregulating epithelial-mesenchymal transition in hepatocellular carcinoma; *Journal of Advanced Research*, **2020**, **26**, 83-94. (IF: 10.10)
115. Wang Y, Chiou Y, Chong Q, Zhang M, Rangappa KS, Ma L, Zhu T, Kumar AP, Huang RY, Pandey V, Basappa, Lobie PE; Pharmacological inhibition of BAD Ser99 phosphorylation enhances the efficacy of cisplatin in ovarian cancer by inhibition of cancer stem cell-like behavior; *ACS Pharmacology & Translational Science*, **2020**, **3**, 1083-1099. (IF: 3.50)
116. Lee JH, Mohan CD, Shanmugam MK, Rangappa S, Sethi G, Siveen KS, Chinnathambi A, Alahmadi TA, Alharbi SA, Basappa, Rangappa KS, Ahn KS; Vitexin abrogates invasion and survival of hepatocellular carcinoma cells through targeting STAT3 signaling pathway; *Biochimie*, **2020**, **175**, 58-68. (IF: 4.079)
117. Ray U, Raul SK, Gopinatha VK, Ghosh D, Rangappa KS, Mantelingu K, Raghavan S; Identification and characterization of novel SCR7-based small-molecule inhibitor of DNA end-joining, SCR130 and its relevance in cancer therapeutics; *Molecular Carcinogenesis*, **2020**, **59**, 618-628. (IF: 4.35)
118. Malojirao VH, Girimanchanaika SS, Shanmugam MK, Sherapura A, Metri PK, Vigneshwaran V, Chinnathambi A, Alharbi SA, Shobith R, Mohan CD, Prabhakar BT, Rangappa KS; Novel 1, 3, 4-oxadiazole Targets STAT3 Signaling to Induce Antitumor Effect in Lung Cancer; *Biomedicines*, **2020**, **8**, 368. (IF: 5.61)
119. Baburajeev CP, Shilpa ER, Suresha ND, Prashant KM, Kashifa FR, Ganga P, Gayathri V, Priya BS, Pandey VK, Lobie PE, Rangappa KS; Development of a new arylamination reaction catalyzed by polymer bound 1, 3-(bisbenzimidazolyl) benzene Co (II) complex and generation of bioactive adamantane amines; *Catalysts*, **2021**, **10**, 1315. (IF: 4.146)

120. Narasimhamurthy KH, Sajith AM, Joy MN, Rangappa KS; An Overview of Recent Developments in the Synthesis of Substituted Thiazoles; *ChemistrySelect*, 2020, 5, 5629-5656. (IF: 2.00)
121. Su W, Matsumoto S, Banine F, Srivastava T, Dean J, Foster S, Hammond B, Peters A, Girish KS, Rangappa KS, Basappa, Jose J, Hennebold JD, Murphy MJ, Toomey JB, Back SA, Sherman LS; A modified flavonoid accelerates oligodendrocyte maturation and functional remyelination; *Glia*, 2020, 68, 263-279. (IF: 7.452)
122. Chaithanya S, Mohan CD, Ambeker S, Dukanya, Shobith R, Baburajeev CP, Sukhorukov A, Mishra S, Shanmugam MK, Chinnathambi A, Alahmadi TA, Alharbi SA, Basappa, Rangappa KS; Identification of a Novel 1,2 Oxazine That Can Induce Apoptosis by Targeting NF- $\kappa$ B in Hepatocellular Carcinoma Cells; *Biotechnology Reports*, 2020, 25, e00438. (IF: 4.98)
123. Sharma M, Singh DP, Rangappa KS, Stadler M, Mishra PK, Silva RN, Prasad R, Gupta VK; The Biomolecular Spectrum Drives Microbial Biology and Functions in Agri-Food-Environments; *Biomolecules*, 2020, 10, 401. (IF: 4.57)
124. Shamanth S, Nagaraju C, Gurukiran M, Mamatha M, Lokanath NK, Rangappa KS, Mantelingu K; I2 – Catalyzed Transformation of o-Aminobenzamide to o-Ureidobenzonitrile Using Isothiocyanates; *Organic & Biomolecular Chemistry*, 2020, 18, 2678-2684. (IF: 3.876)
125. Gopinatha VK, Mantelingu K, Rangappa KS; Synthesis and biological evaluation of theophylline acetohydrazide hydrazone derivatives as antituberculosis agents; *Journal of the Chinese Chemical Society*, 2020, 67, 1453-1461. (IF: 1.753)
126. Rajeev N, Swaroop TR, Alrawashdeh AI, Rahman S, Abdullah A, Anil SM, Kiran KR, Georgiou PE, Rangappa KS, Sadashiva MP; The reaction of arylmethyl isocyanides and arylmethyamines with xanthate esters: a facile and unexpected synthesis of carbamothioates; *Beilstein Journal of Organic Chemistry*, 2020, 16, 159-167. (IF: 2.88)
127. Kiran KR, Swaroop TR, Rajeev N, Anil SM, Rangappa KS, Sadashiva MP; Cyclization of Active Methylene Isocyanides with  $\alpha$ -Oxodithioesters Induced by Base: An Expedient Synthesis of 4-Methylthio/Ethoxycarbonyl-5-acylthiazoles; *Synthesis*, 2020, 52, 1444-1450. (IF: 2.85)
128. Gopinatha VK, Ray U, Mantelingu K, Raghavan SC, Rangappa KS; Synthesis and Biological Evaluation of Theophylline Methyl 1, 3, 4-Oxadiazole as Anticancer Agents; *Russian Journal of Bioorganic Chemistry*, 2020, 46, 837-844. (IF: 0.79)
129. Sumana KY, Mohan CD, Merlo AA, Shobith R, Nayak SC, Rai KM, Rangappa KS; Small Molecule Based Five-Membered Heterocycles: A View of Liquid Crystalline Properties beyond the Biological Applications; *Journal of Molecular Liquids*, 2020, 297, 111686. (IF: 5.85)
130. Dukanya, Shanmugam MK, Shobith R, Metri PK, Mohan S, Basappa, Rangappa KS; Exploring the newer oxadiazoles as real inhibitors of human SIRT2 in hepatocellular cancer cells; *Bioorganic & Medicinal Chemistry Letters*, 2020, 30, 127330. (IF: 2.823)
131. Dukanya, Shanmugam MK, Shobith R, Metri PK, Mohan S, Basappa, Rangappa KS; Anti-proliferative activity and Characterization Data on Oxadiazole derivatives; *Data in Brief*, 2020, 31, 105979. (IF: 1.13)
132. Swetha H, Swaroop TR, Preetham HD, Mohan CD, Umashakara M, Basappa, Vlodavsky I, Sethi G, Rangappa KS; Synthesis, cytotoxic and heparanase inhibition studies of 5-oxo-1-

arylpyrrolidine-3-carboxamides of hydrazides and 4-amino-5-aryl-4H-1,2,4-triazole-3-thiol; *Current Organic Synthesis*, 2020, 17, 243-250. (IF: 1.84)

133. Narasimhamurthy KH, Swaroop TR, Jagadish S, Rangappa KS; Synthesis of Piperidine Conjugated Dihydroquinazolin-4 (1H)-ones and their Antiproliferative Activity, Molecular Docking Studies and DFT Calculations; *Letters in Drug Design & Discovery*, 2020, 17, 85-93. (IF: 1.12)
134. Kumar KSV, Swaroop TR, Singh KR, Rangappa KS, Sadashiva MP; Sugar-urea-salt eutectic mixture as an efficient green solvent for N-alkylation of heterocyclic secondary amines; *Chemical Data Collections*, 2020, 29, 100536. (IF: 2.22)
135. Dukanya, Swaroop TR, Rangappa KS, Basappa; Cyclocondensation of sodium azide with methyl N(N), N'-di(tri)substituted carbamimidothioate: A new dimension for the synthesis of 1,5-disubstituted tetrazoles and their cytotoxicity against human breast cancer cells; *Current Organic Chemistry*, 2021, 24, 2792-2799. (IF: 1.82)

## 2019

136. Mohan CD, Swetha H, Preetham HD, Shobith R, Barash U, Ilan N, Nayak SC, Gupta VK, Basappa, Vlodavsky I, Rangappa KS; Targeting Heparanase in Cancer: Inhibition by Synthetic, Chemically Modified, and Natural Compounds; *iScience (Cell Press)*, 2019, 15, 360-390. (IF: 4.47)
137. Lee JH, Mohan CD, Shobith R, Chinnathambi A, Alahmadi TA, Alharbi SA, Kumar AP, Basappa, Sethi G, Ahn KS, Rangappa KS; The I $\kappa$ B Kinase Inhibitor ACHP Targets STAT3 Signaling Pathway in Human Non-Small Cell Lung Carcinoma Cells; *Biomolecules*, 2019, 9, 875. (IF: 4.082)
138. Lee JH, Shobith R, Mohan CD, Basappa, Sethi G, Lin ZX, Rangappa KS, Ahn KS; Brusatol, a Nrf2 Inhibitor Targets STAT3 Signaling in Head and Neck Squamous Cell Carcinoma; *Biomolecules*, 2019, 9, 550. (IF: 4.082)
139. Poh HM, Chiou YS, Chong QY, Chen RM, Rangappa KS, Ma L, Zhu T, Kumar AP, Pandey V, Lee SC, Lobie PE; Inhibition of TFF3 Enhances Sensitivity and Overcomes Acquired Resistance to Doxorubicin in Estrogen Receptor-Positive Mammary Carcinoma; *Cancers*, 2019, 11, 1528. (IF: 0.93)
140. Kiran KR, Swaroop TR, Sukrutha KP, Shruthi JB, Anil SM, Rangappa KS, Sadashiva MP; Acid-Catalyzed Condensation of o-Phenylenediammines and o-Aminophenols with  $\alpha$ -Oxodithioesters: A Divergent and Regio-selective Synthesis of 2-Methylthio-3-aryl/Heteroarylquinoxalines and 2-Acylbenzoxazoles; *Synthesis*, 2019, 51, 4205-4214. (IF: 0.96)
141. Swarup HA, Chaithra N, Sandhya NC, Shobith R, Mantelingu K, Rangappa KS; Innovative approach for the synthesis of N-substituted amides from nitriles and alcohols using propylphosphonic anhydride (T3P®) under solvent-free conditions; *Synthetic Communications*, 2019, 2106-2116. (IF: 0.79)
142. Keerthy HK, Surender M, Basappa, Bharathkumar H, Shobith R, Svensson F, Bender A, Mohan CD, Rangappa KS, Bhatnagar R; Triazole-Pyridine Dicarbonitrile Targets Phosphodiesterase 4 to Induce Anticancer Activity in Lung Carcinoma Cells; *Chemistry & Biodiversity*, 2019, 16, e1900234. (IF: 0.60)
143. Brauer VS, Rezende CP, Pessoni AM, Paula RG, Rangappa KS, Nayaka SC, Gupta VK, Almeida F; Antifungal Agents in Agriculture: Friends and Foes of Public Health; *Biomolecules*, 2019, 9, 521. (IF: 4.082)



144. Gopinatha VK, Swarup HA, Raghavan SC, Mantelingu K, Rangappa KS; Discovery of Novel Approach for Regioselective Synthesis of Thioxotriaza-Spiro Derivatives via Oxalic Acid; *Synlett*, **2019**, **30**, 2004-2009. (IF: 0.85)
145. Swarup HA, Sandhya NC, Shobith R, K Mantelingu, Rangappa KS; Efficient One-Pot Synthesis of 3, 5-Disubstituted 1, 3, 4-Thiadiazole from Dithioesters under Mild Condition; *ChemistrySelect*, **2019**, **4**, 4611-4614. (IF: 1.01)
146. Rajeev N, Swaroop TR, Anil SM, Kiran KR, Chandru, Georgiou PE, Ahmad I A, Rahman S, Alodhay A, Rangappa KS, Sadashiva MP; Reaction of Arylmethyl Isocyanides/Arylmethylamines with Xanthate Esters: A Facile and Unexpected Synthesis of Carbamothioates; *Beilstein Archives*, **2019**. (IF: 1.62)
147. Baburajeev CP, Mohan CD, Pandey V, Shobith R, Naveen S, Kalash L, Devaraja S, Bender A, Lobie PE, Rangappa KS, Basappa; Synthesis of CC, CN coupled novel substituted dibutyl benzothiazepinone derivatives and evaluation of their thrombin inhibitory activity; *Bioorganic Chemistry*, **2019**, **87**, 142-154. (IF: 2.24)
148. Surender M, Shobith R, Anilkumar NC, Fuchs JE, Bender A, Basappa, Rangappa KS, Rakesh B; Sulfated ceria catalyzed synthesis of imidazopyridines and their implementation as DNA minor groove binders; *Chemistry and Biodiversity*, **2019**, **16**, e1800435. (IF: 0.60)
149. Kemaparajegowda, Swarup HA, Sandhya NC, Shobith R, Mantelingu K, Rangappa KS; Efficient One-Pot Synthesis of 3,5-Disubstituted 1,3,4-Thiadiazole from Dithioesters under Mild Condition; *Chemistry Select*, **2019**, **4**, 4611-4614. (IF: 1.01)
150. Dukanya, Swaroop TR, Shobith R, Rangappa KS, Basappa; Cyclization of Activated Methylene Isocyanides with Methyl N(N), N'-Di(tri)substituted Carbamimidothioate: A Novel Entry for the Synthesis of N,1-Aryl-4-tosyl/ethoxycarbonyl-1H-imidazol-5-amines; *SynOpen*, **2019**, **3**, 71-76. (IF: )
151. Narasimhamurthy KH, Sajith AM, Rangappa KS; Synthetic utility of gem-dibromomethylarenes in organic synthesis; *Synthetic Communications*, **2019**, **49**, 1777-1801. (IF: 0.79)
152. Narasimhamurthy KH, Girish YR, Thimmaraju N, Rangappa KS; Utility of ZrO<sub>2</sub>-Al<sub>2</sub>O<sub>3</sub> in the synthesis of 2, 3-dihydroquinazolin-4 (1H)-ones; *Chemical Data Collections*, **2019**, **100230**. (IF: 0.94)
153. Narasimhamurthy KH, Sagar BK, Rangappa KS, Yathirajan HS, Glidewell; The crystal structure of (RS)-7-chloro-2-(2, 5-dimethoxyphenyl)-2, 3-dihydroquinazolin-4 (1H)-one: two hydrogen bonds generate an elegant three-dimensional framework structure; *Acta Crystallographica Section E*, **2019**, **6**, 843-847. (IF: 0.15)

## 2018

154. Pandey V, Wang B, Mohan CD, Raquib A, Shobith R, Srinivasa V, Fuchs J, Girish KS, Zhu T, Bender A, Ma L, Yin Z, Basappa, Rangappa KS, Lobie PE; Discovery of a novel small molecule inhibitor of specific serine-residue BAD phosphorylation; *Proceedings of the National Academy of Sciences, USA*, **2018**, **115**, E10505-E10514. (IF: 9.58)
155. Mohan CD, Anilkumar NC, Shobith R, Shanmugam MK, Mishra S, Chinnathambi A, Alharbi SA, Bhattacharya A, Sethi G, Kumar AP, Basappa, Rangappa KS; Novel 1, 3, 4-Oxadiazole Induces Anticancer Activity by Targeting NF- $\kappa$ B in Hepatocellular Carcinoma Cells; *Frontiers in Oncology*, **2018**, **8**, 42. (IF: 2.53)



156. Mohan CD, Bharathkumar H, Dukanya, Shobith R, Shanmugam MK, Chinnathambi A, Alharbi SA, Alahmadi TA, Bhattacharjee A, Lobie PE, Deivasigamani A, Hui KM, Sethi G, Basappa, Rangappa KS, Kumar AP; N-Substituted Pyrido-1,4-oxazin-3-ones Induce Apoptosis of Hepatocellular Carcinoma Cells by Targeting NF- $\kappa$ B Signaling 2 Pathway; *Frontiers in Pharmacology*, **2018**, *9*:1125. (IF: 1.79)
157. Harsha KB, Shobith R, Preetham HD, Swaroop TR, Gilandoust M, Rakesh KS, Rangappa KS; An Easy and Efficient Method for the Synthesis of Quinoxalines Using Recyclable and Heterogeneous Nanomagnetic-Supported Acid Catalyst under Solvent-Free Condition; *ChemistrySelect*, **2018**, *3*, 5228-5232. (IF: 1.01)
158. Gilandoust M, Harsha KB, Mohan CD, Raquib AR, Shobith R, Pandey V, Lobie PE, Basappa, Rangappa KS; Synthesis, characterization and cytotoxicity studies of 1,2,3-triazoles and 1,2,4-triazolo [1,5-a] pyrimidines in human breast cancer cells; *Bioorganic & Medicinal Chemistry Letters*, **2018**, *28*, 2314-2319. (IF: 1.81)
159. Swarup HA, Kemparajegowda, Mantelingu K, Rangappa KS; Effective and Transition-Metal-Free Construction of Disubstituted, Trisubstituted 1,2,3-NH-Triazoles and Triazolo Pyridazine via Intermolecular 1,3-Dipolar Cycloaddition Reaction; *ChemistrySelect*, **2018**, *3*, 703 –708. (IF: 1.01)
160. Vinaya K, Prasanna DS, Chandrashekara GK, Chandrappa S, Rangappa KS; T3P® -DMSO Mediated One-pot Tandem Approach for the Synthesis of 3,4-dihydropyrimidin-2(1H)-ones/thiones from Alcohols; *Letters in Organic Chemistry*, **2018**, *15*, 241-245. (IF: 0.22)
161. Anil SM, Vinayaka AC, Rajeev N, Swaroop TR, Mallesha N, Rangappa KS, Sadashiva MP; Aqueous Chloroplatinic Acid: A Green, Chemoselective and Reusable Catalyst for the Deprotection of Acetals, Ketals, Dioxolanes and Oxathiolanes; *ChemistrySelect*, **2018**, *3*, 1999-2003. (IF: 1.01)
162. Preethi SD, Balaji KS, Prasanna DS, Swaroop TR, Shankar J, Rangappa KS, Lokesh S; Synthesis, Characterization of 4-Anilino-6,7-Dimethoxy Quinazoline Derivatives as Potential Anti-Angiogenic Agents; *Anti-Cancer Agents in Medicinal Chemistry*, **2018**, *17*, 1931-1941. (IF: 0.89)
163. Ambeker S, Mohan CD, Arunkumar S, Kumar MK, Shobith R, Surender M, Basappa, Kotresh O, Rangappa KS; Synthesis of Coumarin-Benzotriazole Hybrids and Evaluation of Their Anti-Tubercular Activity; *Letters in Organic Chemistry*, **2018**, *15*, 23-31. (IF: 0.22)
164. Chaithanya S, Hegde M, Sharath Kumar KS, Ananda H, Srivastava M, Harsha KB, Mohan CD, Kavya A, Basappa, Raghavan SC, Rangappa KS; Synthesis and Biological Evaluation of Novel Thiazol-2-yl-amine Derivatives as Potential Anticancer Agents; *Letters in Organic Chemistry*, **2018**, *15*, 270-281. (IF: 0.22)
165. Ananda H, Sharath Kumar KS, Sudhanva MS, Shobith R, Rangappa KS; A trisubstituted pyrazole derivative reduces DMBA-induced mammary tumor growth in rats by inhibiting estrogen receptor- $\alpha$  expression; *Molecular and Cellular Biochemistry*, **2018**, 1-8. (IF: 1.59)
166. Swarup HA, Chaithra N, Mantelingu K, Rangappa KS; Green Synthetic Approach for the Construction of 3,5-Disubstituted 1,2,4-Oxadiazoles and Ataluren Analogues from Dithioesters Using Water; *ChemistrySelect*, **2018**, *3*, 5390-5394. (IF: 1.01)
167. Girish YR, Sharath Kumar KS, Narasimhamurthy KH, Rangappa KS, Shashikanth S; ZrO<sub>2</sub> Nanoparticles-Supported Cu<sub>2</sub>(II)- $\beta$ -Cyclodextrin Mediated Synthesis of N-2 Substituted Tetrazoles by [2+3] Cycloaddition and Post Tetrazole Alkylation; *Asian Journal of Chemistry*, **2018**, *30*, 1093-1098. (IF: 0.19)

168. Rajeev N, Swaroop TR, Anil SM, Kiran KR, Rangappa KS, Sadashiva MP; A sequential one-pot tandem approach for the synthesis of 4-tosyl-5-aryloxazoles from carboxylic acids; *Journal of Chemical Sciences*, **2018**, **130**, 150. (IF: 0.81)
169. Jeevan BV, Umashankara M, Sunil Kumar YC, Kumara MN, Rangappa KS; Mild and Efficient Enantioselective Synthesis of All Stereoisomers of Cordiarimide B and Their Antioxidant Study; *Asian Journal of Chemistry*, **2018**, **30**, 927-932. (IF: 0.19)
170. Harsha KB, Swaroop TR, Roopashree R, Jagadish S, Rangappa KS; Synthesis and in vitro anti-proliferative studies of new 2-(arylmethylthio)-6-ethyl-7H-pyrrolo[2,3-d] pyrimidin-4-ols; *Chemical Data Collections*, **2018**, **15**, 223-228. (IF: 0.94)

## 2017

171. Baburajeev CP, Mohan CD, Shobith R, Mason DJ, Fuchs JE, Bender A, Barash U, Vlodavsky I, Basappa, Rangappa KS; Identification of Novel Class of Triazolo-Thiadiazoles as Potent Inhibitors of Human Heparanase and their Anticancer Activity; *BMC Cancer*, **2017**, **17**, 235. (IF: 2.46)
172. Jingwen Z, Sakshi S, Siveen KS, Lee JH, Um JY, Alan Prem Kumar, Arunachalam Chinnathambi, Sulaiman Ali Alharbi, Kanchugarakoppal S Rangappa, Gautam Sethi, Kwang Seok Ahn; Cardamonin represses proliferation, invasion, and causes apoptosis through the modulation of signal transducer and activator of transcription 3 pathway in prostate cancer; *Apoptosis*, **2017**, **22**, 158-168. (IF: 3.23)
173. Jagadish S, Hemshekhar M, NaveenKumar SK, Sharath Kumar KS, Sundaram MS, Basappa, Girish KS, Rangappa KS; Novel oxolane derivative DMTD mitigates high glucose induced erythrocytes apoptosis by regulating oxidative stress; *Toxicology and Applied Pharmacology*, **2017**, **334**, 167-79. (IF: 1.56)
174. Ananda H, Sharath KS, Nishana M, Mahesh H, Srivastava, Raghava Byregowda, Choudhary B, Raghavan SC, Rangappa KS; Regioselective synthesis and biological studies of novel 1-aryl-3, 5-bis (het) aryl pyrazole derivatives as potential antiproliferative agents; *Molecular and Cellular Biochemistry*, **2017**, **426**, 149-160. (IF: 1.07)
175. Raghu N, Shivananju NS, Rajendran P, Rangappa KS, Chinnathambi A, Feng Li, Raghu Ram A, Muthu KS, Pradeep B, Alharbi SA, Lim LHK, Sethi G, Priya BS; A novel 4, 6-disubstituted-1, 2, 4-triazolo-1, 3, 4-thiadiazole derivative inhibits tumor cell invasion and potentiates the apoptotic effect of TNF $\alpha$  by abrogating NF- $\kappa$ B activation cascade; *Apoptosis*, **2017**, **22**, 145-157. (IF: 3.23)
176. Hegde M, Vartak SV, Kavitha CV, Ananda H, Prasanna DS, Vidya G, Choudhary V, Rangappa KS, Raghavan SC; A Benzothiazole Derivative (5g) Induces DNA Damage And Potent G2/M Arrest In Cancer Cells; *Nature Scientific Reports*, **2017**, **7**, 2533. (IF: 2.55)
177. V Sivaramakrishnan, Ilamathi M, Girish KS, Kemparaju K, Rangappa KS, Bhadrappura Lakkappa Dhananjaya, "Viper venom hyaluronidase and its potential inhibitor analysis: a multipronged computational investigation"; *Journal of Biomolecular Structure and Dynamics*, **2017**, **35**, 1979-89. (IF: 1.99)
178. G Bhuvanalakshmi, Basappa, Rangappa KS, Arun D, Sethi G, Kumar AP, Sudha W; Breast cancer stem-like cells are inhibited by diosgenin, a steroidal saponin, by the attenuation of the Wnt  $\beta$ -catenin signaling via the Wnt antagonist secreted frizzled related protein-4; *Frontiers in Pharmacology*, **2017**, **8**, 124. (IF: 1.99)
179. Rajeev N, Swaroop TR, Anil SM, Bommegowda YK, Rangappa KS, Sadashiva MP; Base-Induced Cyclization of Active Methylene Isocyanides with Xanthate Esters: An Efficient

Method for the Synthesis of 5-Alkoxy-4-(tosyl/ethoxycarbonyl)-1, 3-thiazoles; *Synlett*, **2017**, **28**, 2281-84. (IF: 1.82)

180. Preethi SD, Balaji KS, Prasanna DS, Swaroop TR, Shankar J, Lokesh S, Rangappa KS; Pro-Apoptotic Activity of Novel 4-Anilinoquinazoline Derivatives Mediated by Up-Regulation of Bax and Activation of Poly (ADP-ribose) Phosphatase in Ehrlich Ascites Carcinoma Cells; *Asian Journal of Chemistry*, **2017**, **29**, 896-904. (IF: 0.12)
181. DV Geetha, KB Harsha, KS Rangappa, MA Sridhar, Rajni K, Sumati A; Crystal structure and Hirshfeld surface analysis of (6bR, 14bR, 15R, 15aR)-ethyl 5-bromo-14b-phenyl-1, 6b, 8, 9, 14, 14b, 15, 15a-octahydrochromeno [3', 4': 2, 3] indolizino [8, 7-b] indole-15-carboxylate; *Chemical Data Collections*, **2017**, **7**, 93-101. (IF: 0.63)
182. Sagar BK, Harsha KB, Yathirajan HS, Rangappa KS, Rathore RS, Christopher G; Three closely related 4, 5, 6, 7-tetrahydro-1H-pyrazolo [4, 3-c] pyridines: synthesis, molecular conformations and hydrogen bonding in zero, one and two dimensions; *Acta Crystallographica Section C: Structural Chemistry*, **2017**, **73**, 298-304. (IF: 8.678)
183. Preethi SD, Vivek HK, Balaji KS, Prasanna DS, Swaroop TR, Shankar J, Lokesh S, Rangappa KS; Synthesis, characterization and molecular docking studies of anilinoquinazoline derivatives; *International Journal of Current Research*, **2017**, **9**, 46509-17. (IF: 0.11)
184. Kishore C, Chandraju S, Puttaswamy, Rangappa KS, Gowda NM; Ruthenium (III) Catalyzed Oxidation of Indigo Carmine by Manganese (III) in Sulfuric Acid Medium: A Kinetic and Mechanistic Study; *Current Physical Chemistry*, **2017**, **7**, 254-62. (IF: 1.05)
- 2016
185. Mohan CD, Srinivasa V, Shobith R, Mervin L, Mohan S, Paricharak S, Baday S, Li F, Shanmugam M K, Chinnathambi A, Zayed ME, Alharbi SA, Bender A, Sethi G, Basappa, Rangappa KS; Trisubstituted-Imidazoles Induce Apoptosis in Human Breast Cancer Cells by Targeting the Oncogenic PI3K/Akt/mTOR Signaling Pathway; *PLoS One*, **2016**, **11**, e0153155. (IF: 2.54)
186. Mahesh H, Mantelingu K, Swarup HA, Pavankumar CS, Qamar I, Sathees CR, Rangappa KS; Novel PARP Inhibitors Sensitize Human Leukemic Cells in an Endogenous PARP Activity Dependent Manner; *RSC Advance.*, **2016**, **6**, 6308-6319. (IF: 1.99)
187. Nirvanappa, AC, Mohan CD, Shobith R, Ananda H, Sukhorukov AY, Shanmugam MK, Sundaram MS, Nayaka SC, Girish KS, Chinnathambi A, Zayed ME, Alharbi SA, Sethi G, Basappa, Rangappa KS; Novel Synthetic Oxazines Target NF- $\kappa$ B in Colon Cancer In Vitro and Inflammatory Bowel Disease In Vivo; *PLoS One*, **2016**, **11**, e0163209. (IF: 2.54)
188. Sulaiman NB, Mohan CD, Basappa, Pandey V, Shobith R, Bharathkumar H, Kumar AP, Lobie PE, Rangappa KS; 4. An azaspirane derivative suppresses growth and induces apoptosis of ER-positive and ER-negative breast cancer cells through the modulation of JAK2/STAT3 signaling pathway; *International Journal of Oncology*, **2016**, **49**, 1221. (IF: 2.81)
189. Puneeth HR, Ananda H, Kumar KSS, Rangappa KS, Sharada AC, Synthesis and antiproliferative studies of curcumin pyrazole derivatives; *Medicinal Chemistry Research* **25** (9), 1842-1851. (IF: 1.32)
190. Sivaramakrishnan V, Ilamathi M, Ghosh KS, Sathish S, Gowda TV, Vishwanath BS, Rangappa KS, and Dhananjaya BL; "Virtual analysis of structurally diverse synthetic analogs as inhibitors of snake venom secretory phospholipase  $A_2$ "; *Journal of Molecular Recognition*, **2016**, **29** (1), 22-32. (IF: 1.83)
191. Rakesh KS, Jagadish S, Balaji KS, Zameer F, Swaroop TR, Mohan CD, Jayarama S, Rangappa KS; "3,5-Disubstituted Isoxazole Derivatives: Potential Inhibitors of Inflammation and Cancer"; *Inflammation*, **2016**, **39** (1), 269-280. (IF: 2.20)

192. Ananda H, Kumar KS, Hegde M, Rangappa KS, Induction of apoptosis and downregulation of ER $\alpha$  in DMBA-induced mammary gland tumors in Sprague–Dawley rats by synthetic 3, 5-disubstituted isoxazole derivatives; *Molecular and Cellular Biochemistry*, **2016**, **420**, 141-150. (IF: 1.40)
193. Vinayaka AC, Swaroop TR, Prasanna KC, Rangappa KS, Sadashiva MP; Transition-metal-free solid phase synthesis of 1,2-disubstituted 4-quinolones via regiospecific synthesis of enamines; *RSC Advance*, **2016**, **6** (14), 11528-11535. (IF: 1.99)
194. Anusha, S, Mohan CD, Ananda H, Baburajeev CP, Shobith R, Mathai J, Fuchs JE, Li F, Shanmugam MK, Bender A, Sethi G, Basappa, Rangappa, KS; Adamantanyl-Tethered-Biphenylic Compounds Induce Apoptosis in Cancer Cells by Targeting Bcl Homologs; *Bioorganic & Medicinal Chemistry Letters*, **2016**, **26**, 3, 1056-1060. (IF: 1.89)
195. Nandeesh KN, Swarup HA, Sandhya NC, Mohan CD, Pavan CSK, Kumara MN, Mantelingu K, Ananda S, Rangappa KS, Synthesis and Antiproliferative efficiency of novel bis(imidazol-1-yl) vinyl-1,2,4-oxadiazoles; *New Journal of Chemistry*, **2016**, **40**, 2823-2828. (IF: 0.85)
196. Shivaprasad CM, Roopashree R, Jagadish S, Swaroop TR, Mohan CD, Raghava B, Rakesh KS, Rangappa KS; Synthesis, antibacterial, antioxidant and anti-inflammatory studies of benzimidazoles; *European Journal of Biomedical and Pharmaceutical Sciences*, **2016**, **3** (3), 190-197. (IF: 2.16)
197. Baburajeev PC, Mohan CD, Patil GS, Shobith R, Vijay P, Anusha S, Julian F, Andreas B, Peter L, Basappa, and Rangappa KS; “Nano-cuprous oxide catalyzed one-pot synthesis of carbazole-based STAT3 inhibitor: A facile approach via intramolecular C-N bond formation reactions”; *RSC Advance*, **2016**, **6**, 36775–36785. (IF: 1.99)
198. Ashwini N, Naveen S, Rakesh KS, Lokanath NK, Rangappa KS; 3-(1-{[1-(4-Bromophenyl)-1H-1,2,3-triazol-4-yl] methyl} piperidin-4-yl)-6-fluoro-1,2-benzoxazole Hemihydrates; *IUCr Data*, **2016**, **1**, x152458. (IF: 0.01)
199. Kumar KH, Shardul P, Mohan CD, Bharathkumar H, Nagabhushana GP, Dinesh KR, Chandrappa GT, Andreas B, Basappa, Rangappa KS; Nano-MoO<sub>3</sub> mediated synthesis of bioactive thiazolidin-4-ones acting as anti-bacterial agents and their mode-of-action analysis using in silico target prediction, docking and similarity searching; *New Journal of Chemistry*, **2016**, **40**, 2189-2199. (IF: 0.85)
200. Sathisha KR, Shubha G and Rangappa KS; Antihyperuricemic effects of thiadiazolopyrimidin-5-one analogues in oxonate treated rats; *European Journal of Pharmacology*, **2016**, **776**, 99–105. (IF: 2.68)
201. Vikram J, Umashankara M, Chandrasekaran R, Nanjaraj AN, Nagaraj SK, Devadasan V, Rangappa KS, Vishwanath BS; Dimethyl ester of bilirubin exhibits anti-inflammatory activity through inhibition of secretory phospholipase A<sub>2</sub>, lipoxygenase and cyclooxygenase; *Archives of Biochemistry and Biophysics*, **2016**, **598**, 28-39. (IF: 2.03)
202. Swamy J, Narasimhamurthy R, NaveenKumar SK, Sharath KSS, Manoj P, Hegde M, Basappa, Sadashiva MP, Girish KS, Rangappa KS; Platelet protective efficacy of 3,4,5 trisubstituted isoxazole analogue by inhibiting ROS-mediated apoptosis and platelet aggregation; *Molecular and Cellular Biochemistry* **2016**, **414**, 137-151. (IF: 1.40)
203. Ramesha AB, Pavan KCS, Sandhya NC, Kumara MN, Mantelingu K, Rangappa KS; “Tandem approach for the synthesis of 3sulfenylimidazo[1,5-a] pyridines from dithioesters”; *RSC Advance*, **2016**, **6**, 48375–48378. (IF: 1.99)
204. Vinay KS, Swaroop TR, Rajeev N, Vinayaka AC, Lingaraju GS, Rangappa KS, Sadashiva MP; An One-Pot Tandem Approach for the Synthesis of 5-(Het) aryloxazoles from Substituted (Het)aryl Methyl Alcohols and Benzyl Bromides; *Synlett*, **2016**, **27**, 1363-1366. (IF: 1.31)
205. Subramanian G, Rajeev CP, Mohan CD, Chu TTT, Anusha S, Ximei H, Fuchs JE, Sinha A, Bender A, Rangappa KS, Rajesh C, Basappa; “Synthesis and in vitro evaluation of hydrazinyl phthalazines against malaria parasite, Plasmodium falciparum”; *Bioorganic Medicinal Chemistry Letters*, **2016**, **26**, 3300–3306. (IF: 1.50)

206. Nanjegowda SH, Papanna MG, Achar RR, Rangappa KS, Puttaswamappa M, Swamy SN; "A gradient based facile HPLC method for simultaneous estimation of antioxidants extracted from tea powder"; *Journal of Food Science and Technology*, **2016**, *53*, *5*, 2253-2259. (IF: 0.77)
207. Jagadish K, Chandrashekar BN, Byrappa K, Rangappa KS, Srikantaswamy S; Simultaneous Removal of Dye and Heavy Metals in Single Step Reaction using PVA/MWCNT Composites; *Analytical Methods*, **2016**, *8*, *11*, 2408-2412. (IF: 3.00)
208. Harsha KB and Rangappa KS, One-step Approach for Synthesis of Functionalized Quinoxalines Mediated by T3P® - DMSO or T3P® via Tandem Oxidation – Condensation or Condensation Reaction; *RSC Advance*, **2016**, *6*, 57154-57162. (IF: 1.99)
209. Bommegowda YK, Mallesha N, Vinayaka AC, and Sadashiva MP; IPSO-Hydroxylation of Boronic acid via Ozonolysis; Metal-Ligand-Base Free Method; *Chemistry Letters*, **2016**. (IF: 1.99)
210. Ananda H, Sharath KS, Mahesh H, Narasimhamurthy KH, Sathees CR, Rangappa KS; "In Vitro Topoisomerase II Inhibitory and Apoptotic Activities of Novel 3,5 Disubstituted Thiophene-2-Carboxyl"; *Organic & Medicinal Chem IJ* **2016**, *1*(2).
211. Mahesh H, Mantelingu K, Monica P, Pavankumar CS, Rangappa KS, Sathees CR; Combinatorial study of a novel poly (ADP-ribose) polymerase inhibitor and an HDAC inhibitor, SAHA, in leukemic cell lines; *Targeted Oncology*, **2016**, *11*, 655-665. (IF: 2.06)
212. Anusha S, Pandey V, Mohan CD, Chia YT, Shobith R, Mathai J, Baburajeev CP, Paricharak S, Mervin LH, Bulusu KC, Fuchs JE, Bender A, Yamada S, Basappa, Lobie PE, Rangappa KS; Novel Adamantanyl Based Thiadiazolyl-Pyrazoles Targeting EGFR in Triple Negative Breast Cancer; *ACS Omega*, **2016**, *1*, 1412-1424. (IF: 4.132)

## 2015

213. Thushara RM, Hemshekhar M, Kemparaju K, Rangappa KS, Girish KS, "Biologicals, Platelet Apoptosis and Human Diseases: An Outlook"; *Critical Reviews in Oncology/Hematology*, **2015**, *93*, 149-158. (IF: 3.29)
214. Neelgundmath M, Dinesh KR, Mohan CD, Feng L, Xiaoyun D, Siveen KS, Shardul P, Mason DJ, Julian EF, Sethi G, Bender A, Rangappa KS, Obelannavar Kotresh, Basappa. "Novel synthetic coumarins that targets NF-κB in Hepatocellular carcinoma"; *Bioorganic & Medicinal Chemistry Letters*, **2015**, *25*, 893-897. (IF: 1.70)
215. NC Sandhya, KN Nandeesh, KS Rangappa, S Ananda. "One-pot synthesis of 2, 3-substituted benzo [b] thiophenes via Cu (i) catalysed intramolecular cyclisation from dithioesters"; *RSC Advances*, **2015**, *5* (38), 29939-29946. (IF:3.06)
216. Manjula M, Pampa KJ, Kumar SM, Mukherjee S, Kunishima N, Rangappa KS, Lokanath NK; "Crystal structure of ATP-binding subunit of an ABC transporter from *Geobacillus kaustophilus*"; *Biochemical and Biophysical Research Communications*, **2015**, *459*, 113-117. (IF: 1.99)
217. Bharathkumar H, Mohan CD, Ananda H, Julian EF, Feng L, Shobith R, Mohan S, Bulusu KC, Girish KC, Sethi G, Bender A, Basappa, Rangappa KS, "Microwave-Assisted Synthesis, Characterization and Cytotoxic Studies of Novel Estrogen Receptor a Ligands towards Human Breast Cancer Cells"; *Bioorganic & Medicinal Chemistry Letters*, **2015**, *25*, 1804-1807. (IF: 1.70)
218. Roopashree R, Mohan CD, Swaroop TR, Swamy J, Byregowda R, Balaji KS, Shankar J, Basappa, Rangappa KS; "Novel synthetic bisbenzimidazole that targets angiogenesis in Ehrlich ascites carcinoma bearing mice"; *Bioorganic & Medicinal Chemistry Letters*, **2015**, *25*, 2589-2593. (IF: 1.70)

219. Rakesh KS, Jagadish S, Swaroop TR, Mohan CD, Ashwini N, Harsha KB, Farhan Z, Girish KS, Rangappa KS; "Anti-Cancer Activity of 2,4-Disubstituted Thiophene Derivatives: Dual Inhibitors of Lipoxygenase and Cyclooxygenase"; *Med Chem*, **2015**, **11**, 462-472.
220. Vijay TA, Sandhya NC, Pavankumar CS, Rangappa KS, Mantelingu K; "Ligand and Catalyst Free Intramolecular C-S Bond Formation: Direct Access to Indalothiochromen-4-ones"; *Heterocyclic Communications*, **2015**, **21** (3), 159-163. (IF: 0.43)
221. Srinivas V, Mohan CD, Baburajeev CP, Shobith R, Swamy J, Fuchs JE, Sukhorukov AY, Chandra, Mason DJ, Sharath KS, Mahendra M, Bender A, Basappa, Rangappa KS; "Synthesis and characterization of novel oxazines and demonstration that they specifically target cyclooxygenase 2"; *Bioorganic & Medicinal Chemistry Letters*, **2015**, **25**, 2931–2936. (IF: 1.70)
222. Mahalingam SS, Mahadevappa H, Santhosh MS, Manoj P, Sunitha K, Thushara KM, NaveenKumar SK, Naveen S, Devaraja S, Rangappa KS, Kempaiah K, Girish KS; "Tamarind Seed (*Tamarindus indica*) Extract Ameliorates Adjuvant-Induced Arthritis via Regulating the Mediators of Cartilage/Bone Degeneration, Inflammation and Oxidative Stress"; *Scientific Reports*, **2015**, **5**:11117, 10.1038/srep11117. (IF: 5.47)
223. Sharath KS, Ananda H, Maruthai V, Mahesh H, Girish YR, Byregowda TR, Suguna R, Sathees CR, Rangappa KS; "Antiproliferative and tumor inhibitory studies of 2,3 disubstituted 4-thiazolidinone derivatives"; *Bioorganic & Medicinal Chemistry Letters*, **2015**, **25**, 3616-3620. (IF: 1.70)
224. Raghavendra GM, Pavan KCS, Suresha GP, Rangappa KS, Mantelingu K; "T3P catalysed one pot three component synthesis of 2,3-disubstituted 3H-quinazolin-4-ones"; *Chinese Chemical Letters*, **2015**, **26**, 963-968. (IF: 1.83)
225. Sadashiva MP, Raghavendra G, Xianzhu Wu, Inamdar GS, Kuzu OF, Rangappa KS, Robertson GP; "A non-cytotoxic n-dehydroabietylamine derivative with potent antimalarial activity"; *Experimental Parasitology*, **2015**, **155**, 68-73. (IF: 1.86)
226. Bharathkumar H, Mohan CD, Shobith R, Taehee K, Keerthy H K, Fuchs JE, Nam Hoon Kwon, Andreas B, Sunghoon K, Basappa, Rangappa KS; "Screening of Quinoline, 1,2-benzoxazine, and 1,3-oxazine-based small molecules against isolated methionyl-tRNA synthetase and A549 and HCT116 Cancer Cells Including an in Silico Binding Mode Analysis"; *Organic & Biomolecular Chemistry*, **2015**, **13**, 9381-9387. (IF: 3.23)
227. Pavankumar CS, Harsha KB, Mantelingu K, Rangappa KS.; "Diastereoselective Synthesis of Fused Oxazolidines and Highly Substituted 1H-pyrrolo [2, 1-c][1,4] oxazines via C–H functionalization"; *RSC Advances*, **2015**, **5**, 61664-61670. (IF: 3.06)
228. Joseph JT, Sajith AM, Ningegowda RC, Nagaraj A, Shashikanth S, Rangappa KS; "Aryl/heteroaryl pentafluorobenzenesulfonates (ArOPFBs): new electrophilic coupling partners for room temperature Suzuki–Miyaura cross-coupling reactions"; *Tetrahedron Letters*, **2015**, **56**, 5106-5111. (IF: 2.08)
229. Ashwini N, Manoj G, Mohan CD, Julian EF, Shobith R, Anusha S, Swaroop TR, Rakesh KS, Deepika K, Vikas M, Andreas B, Koeffler HP, Basappa, Rangappa KS; "Synthesis of 1,2-Benzisoxazole Tethered 1,2,3-Triazoles That Exhibit Anticancer Activity in Acute Myeloid Leukemia Cell Lines by Inhibiting Histone Deacetylases, and Inducing p21 and Tubulin Acetylation"; *Bioorganic & Medicinal Chemistry*, **2015**, **23**, 6157-6165. (IF: 2.29)



230. Mahesh H, Sharath KS, Thomas E, Ananda H, Sathees CR and Rangappa KS; "A Novel Benzimidazole Derivative Binds to DNA Minor Groove and Induces Apoptosis in Leukemic Cells"; *RSC Advances*, **2015**, *5*, **93194 – 93208**. (IF: **3.06**)
231. Baburajeev CP, Mohan CD, Ananda H, Shobith R, Julian EF, Jagadish S, Siveen KS, Chinnathambi A, Alharbi SA, Zayed ME, Jingwen Z, Feng Li, Sethi G, Girish KS, Andreas B, Rangappa KS; "Development of Novel TriazoloThiadiazoles from Heterogeneous "Green" Catalysis as Protein Tyrosine Phosphatase 1B Inhibitors"; *Scientific Reports*, **2015**, *5*:14195, **10.1038/srep14195**. (IF: **5.47**)
232. Manoj P, Mahadevappa H, Thushara HM, Sundaram MS, NaveenKumar SK, Naveen S, Devaraja S, Somyajit K, Robert West, Basappa, Nayaka SC, Uzma I. Zakai, Nagaraju G, Rangappa KS, Kemparaju K, Girish KS.; "Methotrexate Promotes Platelet Apoptosis via JNK-mediated Mitochondrial Damage: Alleviation by *N*-acetylcysteine and *N*-acetylcysteine amide"; *PLoS One*, **2015**, *10* (6), **e0127558**. (IF: **3.54**)
233. Anusha S, Ameya S, Rajeev CP, Trang TT, Jessin M, Basappa, Rangappa KS, Rajesh C; "Synthesis, characterization and in vitro evaluation of novel enantiomerically-pure sulphonamide antimalarials"; *Organic & Biomolecular Chemistry*, **2015**, *13*, **10681 – 10690**. (IF: **3.56**)
234. Anil CN, Sundaram MS, Mohan CD, Shobith R, Bulusu KC, Julian EF, Girish KS, Andreas B, Basappa, Rangappa KS; "A One Pot Synthesis of Novel Bioactive Tri-Substitute-Condensed-Imidazopyridines that Targets Snake Venom Phospholipase A<sub>2</sub>"; *PLoS One*, **2015**, *10* (7), **e0131896**. (IF: **3.057**)
235. Pavan CS, Harsha KB, Sandhya NC, Ramesha AB, Mantelingu K and Rangappa KS.; "Highly Diastereoselective Synthesis of Polycyclic Amines *via* Redox Neutral C-H Functionalization"; *New Journal of Chemistry*, **2015**, *39*, **8397-8404**. (IF: **3.28**)
236. NaveenKumar SK, Thushara RM, Sundaram MS, Hemshekhar M, Manoj P, Thirunavukkarasu C, Basappa, Ganesh N, Sathees CR, Girish KS, Kemparaju K & Rangappa KS; "Unconjugated Bilirubin exerts Pro-Apoptotic Effect on Platelets via p38-MAPK activation"; *Scientific Reports*, **2015**, *5*:15045, **10.1038/srep15045**. (IF: **2.034**)
237. Keerthy HK, Vivek HK, Bharathkumar H, Shobith R, Bulusu KC, Mervin LH, Julian EF, Priya BS, Basappa, Nanjuda SS, Andreas B, Rangappa KS; "MOLPRINT 2D-based identification and synthesis of novel chromene based small molecules that target PLA<sub>2</sub>: validation through chemo- and bioinformatics approaches"; *RSC Advance*, **2015**, *5*, **89797-89808**. (IF: **3.45**)
238. Girish YR, Sharath KS, Thimmaiah KN, Rangappa KS and Shashikanth S; ZrO<sub>2</sub>- $\beta$ -cyclodextrin catalyzed synthesis of 2,4,5-trisubstituted imidazoles and 1,2-disubstituted benzimidazoles under solvent free conditions and evaluation of their antibacterial study; *RSC Advance*, **2015**, *5*, **75533–75546**. (IF: **3.45**)
239. Sridhar BT, Eregowda GB, Padma T, Thimmaiah KT, Rangappa KS, Kumara MN; Hydrophobic Interaction of 2-Trifluoromethyl-N<sup>10</sup>-Substituted Phenoxazines with Bovine Serum Albumin and Reversal of Drug Resistance in Bacterial Cells; *Int J Pharm & Pharm Sci*, **2015**, *7*, *7*, **364-372**. (IF: )
240. Vinay KS, Lingaraju GS, Bommegowda YK, Vinayaka AC, Pritesh B, Pradeepa CS, Rangappa KS, Channe D, and Sadashiva MP; Synthesis, antimalarial activity, and target binding of dibenzazepine-tethered isoxazolines; *RSC Advance*, **2015**, *5*, **90408–90421**. (IF: **3.45**)

241. Anusha S, Baburajeev CP, Mohan CD, Jessin M, Shobith R, Mohan S, Chandra, Paricharak S, Lewis M, Julian EF, Mahedra M, Andreas B, Basappa, Rangappa KS; A Nano-MgO and ionic liquid-catalyzed 'green' synthesis protocol for the development of adamantyl-imidazolo-thiadiazoles as anti-tuberculosis agent targeting sterol 14 $\alpha$ -demethylase (CYP51); *PLoS One*, **2015**, *10*(10): e0139798. (IF: 3.057)
242. Vijay JTA, Nagalingaiah NK, Nagarakere SC, Suresha GP, Rangappa KS and Mantelingu K; Concise synthesis of substituted meridianin; *Cogent Chemistry*, **2015**, *1*: 1083068. (IF: 0.69)
243. Shivaprasad CM, Jagadish S, Swaroop TR, Roopashree R, Mohan CD, Rakesh KS, Raghava B, Rangappa KS; Synthesis, antibacterial, antioxidant and anti-inflammatory activities of new benzimidazole derivatives; *Asian Journal of Biochemical and Pharmaceutical Research*, **2015**, *5* (4), 71-81. (IF: 0.474)

## 2014

244. Byregowda R, Gangajji P, Anand A, Swaroop TR, Rangappa KS, and Hiriyakkanavar; Ila "Cyclocondensation of Hydroxylamine with 1,3-Bis(het)arylmonothio-1,3-diketones and 1,3-Bis(het)aryl-3-(methylthio)-2-propenones: Synthesis of 3,5-bis(het)arylisoxazoles with Complementary Regioselectivity"; *Europen Journal of Organic Chemistry*, **2014**, 1882-1892. (IF: 3.068)
245. Revanna CN, Basappa, Srinivasa V, Feng Li, Siveen KS, Xiaoyun Dai, Swamy SN, Bhadregowda DG, Sethi G, Mantelingu K, Andreas Bender and Rangappa KS; "Synthesis and Biological Evaluation of Tetrahydropyridinepyrazoles ('PFPs') as Inhibitors of STAT3 Phosphorylation"; *Medecinal Chemistry Communications*, **2014**, *5*, 32-40. (IF: 2.495)
246. Thushara R M, Hemshekhar M, Kemparaju K, Rangappa K S, Devaraja S, Girish KS; "Therapeutic drug-induced platelet apoptosis: an overlooked issue in pharmacotoxicology"; *Archives of Toxicology*, **2014**, *88*, 185-198. (IF: 5.98)
247. Boyko YD, Sukhorukov AY, Semakin AN, Nelyubina YV, Ananyev IV, Rangappa KS, Sema L. Ioffe; "Synthesis, structure and dioxygen reactivity of Ni(II) complexes with mono-, bis-, tetra- and hexa-oxime ligands"; *Polyhedron*, Vol 71, **2014**, 24-33. (IF: 2.03)
248. Girish KS, Shanmuga S, Mahadevappa H, Thushara R, Martin SS, Naveen K, Manoj P, Sannanangaiah D, Kemparaju K, Rangappa KS; "Tamarind seed extract mitigates the liver oxidative stress in arthritic rats"; *Food & Function*, **2014**, *5*, 587-597. (IF: 3.241)
249. Katkar GD, Sundaram MS, Hemshekhar M, Sharma RD, Santhosh MS, K Sunitha Rangappa KS, Girish KS and Kemparaju K; "Melatonin Alleviates *Echis carinatus* Venom-induced Toxicities by Modulating Inflammatory Mediators and Oxidative Stress"; *Journal of Pineal Reasearch*, **2014**, *56*, 295-312. (IF: 9.06)
250. Nandeesh KN, Raghavendra GM, Revanna CN, Jenifer TA, Mantelingu K, Rangappa KS; "Solvent free, Graphite catalyzed four-component synthesis of functionalized pyrroles"; *Synthetic communications*, **2014**, *44*, 1103-1110. (IF: 1.01)
251. Revanna CN, Raghavendra GM, Jenifer TA, Rangappa KS, Badregowda DG, Mantelingu K, "Propylphosphonic Anhydride-catalyzed Tandem Approach for Biginelli Reaction Starting from Alcohols"; *Chemistry Letters*, **2014**, *43*, 2, 178-180. (IF: 2.51)
252. Sharath KS, Ananda H, Mahesh H, Narasimhamurthy KH, Sathees CR, Rangappa KS; "Synthesis and antiproliferative effect of novel 4-thiazolidinone-, pyridine- and piperazine-based conjugates on human leukemic cells"; *European Journal of Medicinal Chemistry*, **2014**, *81*, 341-349. (IF: 4.04)



253. Shivaprasad CM, Jagadish S, Swaroop TR, Mohan CD, Roopashree R, Sharath KS, Rangappa KS; "Synthesis of new Benzisoxazole derivatives and their antimicrobial, antioxidant and anti-inflammatory Activities"; *European Journal of Chemistry*, **2014**, **5** (1), 91-95. (IF: 6.35)
254. Bharathkumar H, Sundaram MS, Jagadish S, Paricharak S, Hemshekhar M, Mason D, Kemparaju K, Girish KS, Basappa, Andreas B & Rangappa KS; "Novel Benzoxazine-based Aglycones Block Glucose Uptake *in vivo* by Inhibiting Glycosidases"; *PLOS ONE*, **2014**, **9**, (7) e102759. (IF: 4.17)
255. Narasimhamurthy KH, Siddappa C, Sharath KSS, Harsha KB, Ananda H and Rangappa KS; "Easy access for the synthesis of 2-aryl 2,3-dihydroquinazolin-4(1H)-ones using gemdibromomethylarenes as synthetic aldehydes equivalent"; *RSC Advance*, **2014**, **4**, 34479–34486. (IF: 3.98)
256. Sukhorukov AY, Nirvanappa AC, Jagadish S, Sema LL, Shivananju NS, Basappa, Rangappa KS; "Synthesis and characterization of novel 1,2-oxazine-based small molecules that targets acetylcholinesterase"; *Bioorganic and Medicinal Chemistry Letters*, **2014**, **24**, 3618–3621. (IF: 1.19)
257. Karthigeyan D, Soumik S, Annavarapu HK, Sathya S R R Perumal, Hans A A, Surabhi S, Akshay V. Bhat, Balasubramanyam K, Rangappa KS, Tapas KK, Chandrabhas N; "SERS and MD simulation studies of a kinase inhibitor demonstrate the emergence of a potential drug discovery tool"; *Proceeding of the National Academy of Science (PNAS) USA*, **2014**, **111** (29), 10416-10421. (IF: 10.29)
258. Vivek HK, Supritha GS, Priya BS, Sethi G, Rangappa KS, S. Nanjunda Swamy; "A facile assay to monitor Secretory Phospholipase A2 using 8-Anilino-1-naphthalenesulfonic acid"; *Analytical Biochemistry*, **2014**, **461**, 27–35. (IF: 1.97)
259. Srinivas V, Shanmuga Sundaram M, Hemshekhar M, Kemparaju K, Girish KS, Basappa, Rangappa KS., "Novel Apigenin Structural Analogues that Target Snake Venom Metalloproteases"; *PLOS ONE*, **2014**, **9**, (9), e106364. (IF: 4.17)
260. Rakesh KS, S. Jagadish, Vinayaka AC, Hemshekhar M, Manoj Paul, Thushara RM, Sundaram MS, Swaroop TR, Mohan CD, Basappa, Sadashiva MP, Kemparaju K, Girish KS, Rangappa KS; "A New Ibuprofen Derivative Inhibits Platelet Aggregation and ROS Mediated Platelet Apoptosis"; *PLOS ONE*, **2014**, **9** (9), e107182. (IF: 4.17)
261. Keerthy HK, Manoj G, Mohan CD, Vikas M, Deepika K, Shobith R, Shivananju NS, Daniel JM, Andreas B, Basappa, Rangappa KS, Koeffler HP; "Synthesis and Characterization of Novel 2-Amino-Chromene-Nitriles that Target Bcl-2 in Acute Myeloid Leukemia Cell lines"; *PLOS ONE*, **2014**, **9** (9), e107118. (IF: 4.17)
262. Bharathkumar H, Shardul P, Dinesh KR, Siveen KS, Julian EF, Shobith R, Mohan CD, Mohandas N, Alan PM, Sethi G, Andreas B, Basappa and Rangappa KS; "Synthesis, biological evaluation and in silico and in vitro mode-of-action analysis of novel dihydropyrimidones targeting PPAR-g"; *RSC Advance*, **2014**, **4**, 45143–45146. (IF: 3.98)
263. Keerthy HK, Mohan CD, Siveen KS, Julian EF, Shobith R, Mahalingam SS, Feng Li, Girish KS, Sethi G, Basappa, Andreas and Rangappa KS; "Novel Synthetic Biscoumarins Target Tumor Necrosis Factor- $\alpha$  in Hepatocellular Carcinoma In Vitro and In Vivo"; *Journal of Biological Chemistry(JBC)*, **2014**, **289** (46), 31879-31890. (IF: 5.13)
264. Sharath KSS, Mohan CD, Jagadish S, Rakesh KS, Ananda H, Basappa, Rangappa KS; Synthesis and Acetylcholinesterase/Butyrylcholinesterase Inhibition Activity of Arecoline,

4-Thiazolidinone and Piperidine Based Conjugates; *Asian Journal of Pharmaceutical and Clinical Research*, 2015, 8, (1), 1-7. (IF: 0.59)

265. Mohan CD, Bharathkumar H, Bulusu KC, Vijay P, Shobith R, Muthu K. Shanmugam, Xiaoyun Dai, Feng Li, Amudha D, Kam M. Hui, Alan PK, Peter E. Lobie, Andreas B, Basappa, Sethi G, Rangappa KS, "Development of a Novel Azaspirane That Targets the JAK-STAT Pathway in Hepatocellular Carcinoma in Vitro and in Vivo"; *Journal of Biological Chemistry (JBC)*, 2014, 289 (49), 34296-34307. (IF: 5.13)
266. Vinayaka AC, Sadashiva MP, Xianzhu Wu, Sergei Biryukov, José A. Stoute, Rangappa KS and D. Channe Gowda, "Facile synthesis of antimalarial 1,2-disubstituted 4-quinolones from 1,3-bisaryl-monothio-1,3diketones"; *Organic & Biomolecular Chemistry*, 2014, 12, 8555-8561. (IF: 3.93)
267. Rakesh K. Sathya, Jagadish. S, Swaroop TR, Ashwini. N, Harsha. KB Rangappa KS, "Anti-Oxidant and Anti-Inflammatory Activities of Synthetic 2, 4-Bis (Aryl/Heteroaryl)-5-Acylthiazole Derivatives"; *Asian journal of pharmaceutical and biological research*, 2014, 4, (3), 316-327. (IF: 0.17)
268. Girish YR, Sharath KSS, Umashankar M, Lokanath NK, Rangappa KS and Shashikanth S. ZrO<sub>2</sub>-supported Cu(II)-β-cyclodextrin complex: construction of 2,4,5-trisubstituted-1,2,3-triazoles via azide-chalcone oxidative cycloaddition and post-triazole alkylation; *RSC Advance*, 2014, 4, (99), 55800-55806. (IF: 3.98)
269. Anusha S, Anandakumar BS, Mohan CD, Nagabhushana GP, Priya BS, Rangappa KS, Basappa, Chandrappa G. T; "Preparation and use of combustion-derived Bi<sub>2</sub>O<sub>3</sub> for the synthesis of heterocycles with anti-cancer property by Suzuki-coupling reactions"; *RSC Advance*, 2014, 4 (94), 52181-52188. (IF: 3.98)
270. Swaroop TR, Sharath KS, Mariyappan P, Chaitanya S, and Rangappa KS; "A Catalyst-free Green Protocol for the Synthesis of Pyranopyrazoles Using Room Temperature Ionic Liquid Choline Chloride-urea"; *Journal of Heterocyclic Chemistry*, 2014, 51, 1866-1870. (IF: 0.85)
271. Basappa, Rangappa. KS, Sughara K; "Roles of Glycosaminoglycans and Glycanmimetics in tumor progression and Metastasis"; *Glycoconjugate J*, 2014, 31 (6-7), 461-467. (IF: 2.99)
272. Roopashree R, Swaroop TR, Jagadish S, Mohan CD and Rangappa KS; "Synthesis and Cholinesterase Inhibition Activity of New Pyrrolopyrimidine Derivatives"; *Letters in Drug Design and Discovery*, 2014, 11, 1143-1148. (IF: 0.67)
273. Sajan P G, Rohith T, Santosh Patil, Mantelingu K, Rangappa K S, Kumara M N., Rapid, highly efficient and stability indicating RP-UPLC method for the Quantitative determination of potential impurities of carvedilol active Pharmaceutical ingredient, *International Journal of Pharmacy and Pharmaceutical Sciences*, 2014, 6, 10, 214-220. (IF: 2.18)
274. Prashanth PA, Kempe gowda BK, Ananda S, Rangappa KS, Kumara MN; Ru(III)chloride-catalysed oxidation of some α-amino acids by Sodium-N-chloro-p-toluenesulfonamide(CAT) in hydrochloric acid medium: Mechanistic investigation and kinetic modeling; *Journal of Molecular Catalysis A: Chemical*, 2014, 383-384, 203-208. (IF: 4.03)
275. Sajan PG, Rohith T, Santosh Patil, Mantelingu K, Rangappa K S, Kumara M N., A Validated Stability Indicating RP-UPLC Method for the Quantitative Determination of

## 2013

276. Ramesha AB, Raghavendra GM, Nandeesh KN, Rangappa KS and Mantelingu K; "Tandem approach for the synthesis of imidazo[1,2-a] pyridines from alcohols"; *Tetrahedron Letter*, **54**, **2013**, 95-100. (IF: 2.68)
277. Swaroop TR, Roopashree R, H. Ila, Rangappa KS; Attempted Simmon-Smith reaction on  $\beta$ -alkylthio- $\alpha$ ,  $\beta$ -unsaturated ketones: A regiospecific synthesis of 2,4-disubstituted thiophenes; *Tetrahedron Letter*, **54**, **2013**, 147-150. (IF: 2.15)
278. Bommegowda YK, Lingaraju GS, Saji Thamas, Vinay Kumar KS, Pradeepa Kumara CS, Rangappa KS, Sadashiva MP; Weinreb amide as an efficient reagent in the one pot synthesis of Benzimidazoles and benzothiazoles; *Tetrahedron Letter*, **54**, **2013**, 2693-2695. (IF: 2.68)
279. Vijay Kumar S, Santosh KY, Raghava B, Saraiah B, H. Ila, Rangappa KS, and Arpan Hazra; "Cyclocondensation of Arylhydrazines with 1,3-Bis(het)arylmonothio-1,3-diketones and 1,3-Bis(het)aryl-3-(methylthio)-2-propenones: Synthesis of 1-Aryl-3,5-bis(het)arylpyrazoles with Complementary Regioselectivity"; *Journal of Organic Chemistry*, **2013**, **78** (10), pp 4960–4973. (IF: 2.15)
280. Girish KS, Manoj Paul, Thushara RM, Mahadevappa H, Sundaram MS, Rangappa KS, Kemparaju K; "Melatonin elevates apoptosis in human platelets via ROS mediated mitochondrial damage"; *Biochemical and Biophysical Research Communications* **438**, 198-204, **2013**. (IF: 1.13)
281. Swaroop TR, H. Ila, Rangappa KS; Cyclocondensation of  $\beta$  (aryl/heteroaryl) methylaminoenones with thionyl chloride: a facile general approach for the synthesis of 2,4-bis(het)aryl-5(het)aroylthiazoles; *Tetrahedron Letter*, **54**, **2013**, 5288-5292. (IF: 2.15)
282. Revanna CN, Raghavendra GM, Nandesh KN, Mohanty SK, Bhadregowda DG, Rangappa KS, Mantelingu K; "Convenient synthesis of novel N-(5-allyl-7,7-difluoro)-4,5,6,7-tetrahydro-2H-indazol-3-yl) carboxymides"; *Tetrahedron Letter*, **54**, **2013**, 5224-5226. (IF: 2.15)
283. Chandrappa S, Prasanna TR, Vinaya K, Prasanna DS, Rangappa KS; PCC-promoted dehydration of aldoximes: a convenient access to aromatic, heteroaromatic and aliphatic nitriles; *Synthetic Communications*, **43**: 2756-2762, **2013**. (IF: 0.98)
284. Kavitha CV, Nambiar M, Narayanaswamy PM, Elizabeth T, Ujjwal R, Ananda CS Choudhary KB, Rangappa KS and Raghavan SC; Propyl-2-(8-(3,4-difluorobenzyl)-2',5'-dioxo-8-azaspiro [bicycle [3.2.1] octane-3,4'-imidazolidine]-1'-yl) acetate induces apoptosis in human leukemia cells through mitochondrial pathway following cell cycle arrest; *PLoS ONE*, **2013**, **8**, (7) e69103. (IF: 4.49)
285. Narasimhamurthy KH, Chandrappa S, Sharath KS, Swaroop TR, Rangappa TR; Synthetic Utility of Propylphosphonic Anhydride (T3PR)-DMSO Media: An Efficient One Pot Three Component Synthesis of 2-Aryl quinolones; *Chemistry Letter*. **2013**, **42**, 1073-1075. (IF: 1.04)
286. Vijay TA, Nandeesh, Goravanahalli M. Raghavendra, Rangappa KS and Mantelingu K; "Transition metal free intramolecular S-arylation: one-pot synthesis of thiochromen-4-ones"; *Tetrahedron Letters* **54**, **2013**, 6533-6537. (IF: 2.15)

287. Shivaprasad CM, Jagadish S, Swaroop TR, Mohan CD, Roopashree R, Sharathkumar KS, Rangappa KS"; New synthetic benzisoxazole derivatives as antimicrobial, antioxidant and anti-inflammatory Agents"; *European Journal of Chemistry*, **4** (4), **2013**, **402-407**. (IF: **5.48**)
288. Shivaprasad CM, Madankumar S, Manjunath BC, Swaroop TR, Rangappa KS, Lokanath KS; "Synthesis and structural studies of 2-((3-methyl-4-(2,2,2 trifluoroethoxy) pyridin-2-yl) methylthio)-1-(methylsulfonyl)-1H-benzo[d]imidazole"; *X-ray structure Analysis online*, **2013**, **29**, **47-48**. (IF: **0.39**)
289. Pampa KJ, Abdah MM, Swaroop TR, Rangappa TR, Lokanath NK"; [4-(4-methoxyphenyl)-2-(pyridine-3-yl)-1, 3-thiazol-5-yl] [4-(trifluoromethyl) phenyl] methanone"; *Acta Crystallographica*, **2013**, **E69**, **o1434**. (IF: **0.25**)
290. Shivaprasad CM, Madankumar S, Manjunath BC, Swaroop TR, Rangappa KS, Lokanath NK; "1-(4-methylphenylsulfonyl)-2- {[3-methyl-4-(2, 2, 2 trifluoroethoxy) pyridine-2-yl] methylsulfonyl}-1H-1, 3-benzimidazole"; *Acta Crystallographica*, **2013**, **E69**, **o1846**. (IF: **0.25**)

## 2012

291. Revanna CN, Swaroop TR, Raghavendra G, Bhadregowda DG, Mantelingu K, Rangappa KS; "Practical and Green Protocol for the Synthesis of Substituted 4HChromenes using Room Temperature Ionic Liquid Choline Chloride-Urea"; *Journal of Heterocyclic Chemistry* **2012**, **49**(4), **851-855**. (IF: **0.90**)
292. Vinaya K, Kavitha CV, Prasanna DS, Chandrappa S, Ananda CS, Ranganatha SR, Sathees CR, Rangappa KS; "Synthesis and antileukemic activity of novel substituted benzophenone derivatives"; *Chemical Biology and Drug Design* **2012**, **79**, **360-367**. (IF: **2.67**)
293. Rashmi SV, Raghava B, Kumara MN, Mantelingu K, Rangappa KS; "Trifluoroethanol as a metal-free, homogeneous and recyclable medium for the efficient one-pot synthesis of dihydropyrimidones"; *Synthetic Communications* **2012**, **42**, **424-433**. (IF: **1.08**)
294. Chandrappa S, Umashankara M, Vinaya K, Ananda CS, Rangappa KS; "One-pot synthesis of aryl oxime analogues from methyl arenes using NBS and hydroxyl amine hydrochloride"; *Tetrahedron Letters*, **53**, **2012**, **2632-2635**. (IF: **2.34**)
295. Lingaraju GS, Swaroop TR, Vinayaka AC, Sharath KS, Sadashiva MP\*, Rangappa KS\*; An. Easy Access to 4,5-Disubstituted Thiazoles via Base-Induced Click reaction of Active Methylene Isocyanides with Methyl Dithiocarboxylates; *Synthesis* **44**, **2012**, **1373-1379**. (IF: **1.82**)
296. Praveen Kumar SN., Bhadre Gowda DG., Mantelingu K and Rangappa KS; Development and Validation of HPLC Method for Determination of Tramadol Hydrochloride in Solid Dosage Form; *Journal of Pharmacy Research* **2012**, **5**(3), **1438-1440**. (IF: **0.14**)
297. Praveen Kumar S.N., Bhadre Gowda D.G., Kumar M.N, Mantelingu K and Rangappa K.S; Simultaneous Determination of Flupenthixol Hydrochloride and Melitracen Hydrochloride in pharmaceutical dosage form by means of High-Performance Liquid Chromatography; *Journal of Pharmacy Research* **2012**, **5**(3), **1608-1610**. (IF: **0.14**)
298. Praveen Kumar SN., Bhadre Gowda DG., Kumar MN, Mantelingu K and Rangappa KS; RP-HPLC Method Development and Validation of Desvenlafaxine in Bulk and Pharmaceutical Formulations; *Journal of Pharmacy Research* **2012**, **5**(3), **1611-1613**. (IF: **0.14**)

299. Sridhar P, Kishore C, Kouassi GK, Van Horn JD, Rangappa KS, Netkal M; Made Gowda; Oxidation of Lactic Acid by Manganese(III) in Sulfuric Acid Medium: Kinetics and Mechanism; *American Journal of Organic Chemistry* **2012**, **2(3)**: 58-62.
300. B. Raghava, T. N. Mahadeva prasad, B. N. Lakshminarayana, M. A. Sridhar, J. Shashidhara prasad, and K. S. Rangappa, Synthesis and Crystal structure of 3-(2,5-dimethylphenyl)-1-(4-methoxyphenyl)-5-(thiophen-2-yl)-1*H*-pyrazole, *X-ray Structure Analysis Online* **2012**, VOL. **28** **51** **2012** *The Japan Society for Analytical Chemistry*. (IF: 0.42)
301. Sharath KSS, Swaroop TR, Harsha KB, Narasimhamurthy KH, Rangappa KS, T3P<sup>®</sup> DMSO mediated one pot cascade protocol for the synthesis of 4-thiazolidinones from alcohols, *Tetrahedron Letters* **53**, **2012**, 5619–5623. (IF: 2.34)
302. Mahesh H, Subhas SK, Elizabeth T, Sujeet K, Kuppusamy P, Ranganatha SR, Rangappa KS, Bibha C, Sathees CR; Novel Levamisole Derivative Induces Extrinsic Pathway of Apoptosis in Cancer Cells and Inhibits Tumor Progression in Mice; *PLoS ONE*, **2012**, **7** (9) e43632. (IF: 4.82)
303. Hemshekhar M, Sebastin S, Sunitha, Thushara RM, Kemparaju K, Rangappa KS, Girish KS; A dietary colorant crocin mitigates arthritis and associated secondary complications by modulating cartilage deteriorating enzymes, inflammatory mediators and antioxidant status; *Biochimie*, **2012**, **94**, 2723-2733. (IF: 3.47)
304. Basappa, Sugahara K, Thimmaiah K N, Hemant KB, Houghton PJ and Rangappa KS; Anti-tumor activity of a Novel HS-Mimetic-Vascular Endothelial Growth Factor Binding Small Molecule; *PLoS ONE* **2012**, **7**, (8) e39444. (IF: 4.82)
305. Sadashiva MP, Basappa, Nanjunda SS, Feng L, Kanjoormana AM, Murugan S, Prasanna DS, Anilkumar NC, Sethi G, Sugahara K and Rangappa KS; Anti-cancer activity of novel dibenzo [b, f] azepine tethered isoxazoline derivatives; *BMC Chemical Biology*, **2012**, **12/5/1472-6769**. (IF: 4.71)
306. Prabhuswamy M, Swaroop TR, Madan KS, Rangappa KS and Lokanatha NK\*; 2-(4-Chlorophenyl)-6-methyl-4-(3-methylphenyl) quinolone; *Acta Crystallographica Section E* **2012**, **E68**, o3250. (IF: 0.35)

## 2011

307. Sathisha KR, Shaukath AK, Narendra SC, Ayisha F, Balaji S, Marathe GK, Shubha G, Rangappa KS; “Synthesis and xanthine oxidase inhibition activity of 7-methyl-2-(phenoxymethyl)-5*H*- [1,3,4] thiadiazolo[3,2-*a*] pyrimidin-5-one derivatives”; *Bioorganic and Medicinal Chemistry*, **19**, 211-220. (IF: 3.47)
308. Nanjunda SS, Manjunath HR, Basappa, Priya BS, Sridhar MA, Rangappa KS; “*N*-(4-Cyano-3-(trifluoromethyl) phenyl)-2-methoxybenzamide”. *Acta Crystallographica Section E* **67**, o198. (IF: 0.32)
309. Raju H, Chandrappa S, Prasanna DS, Ananda H, Nagamani TS, Byregowda SM, Rangappa KS; “Synthesis, Characterization and in Vitro Antiproliferative Effects of Novel 5-Amino Pyrazole Derivatives against Breast Cancer Cell lines.”; *Recent Patents on Anti-Cancer Drug Discovery*, **6**, 186-195. (IF: 5.29)
310. Mahadeva TA, Sadashiva MP, Thippeswamy GB, Raghava B, Lakshminarayana BN, Sridhar MA, J. Shashidhara Prasad and Rangappa KS; “Synthesis and Structural conformation of a Novel Isoxazole derivative: 5-(3-Dimethylane-*p*-tolylsulfonyl)-propyl-3-



(4-fluorophenyl)-isoxazole”; *X-ray structure analysis online-The Japan society for analytical chemistry*, **27**, 17-18. (IF: 0.20)

311. Raghavendra GM, Harsha KB, Vinaya K, Mantelingu K, Rangappa KS. “A novel and efficient method for the synthesis of racemic Fexofenadine”. *Synthetic Communications*, **41**, 2296–2303. (IF: 1.24)
312. K. Sunitha, M. Hemshekhar, S. L. Gaonkar, M. Sebastin Santhosh, M. Suresh Kumar, Basappa, B. S. Priya, K. Kemparaju, K. S. Rangappa, S. Nanjunda Swamy, K. S. Girish. “Neutralization of Hemorrhagic Activity of Viper Venoms by 1-(3-Dimethylaminopropyl)-1-(4-Fluorophenyl)-3-Oxo-1,3-Dihydroisobenzofuran-5-Carbonitrile” *Basic & Clinical Pharmacology & Toxicology*, **109**, 292-299. (IF: 2.48)
313. K. Vinaya, C. V. Kavitha, S. Chandrappa, D. S. Prasanna, S. C. Raghavan, K. S. Rangappa. “Synthesis and antileukemic activity of novel 4-(3-(piperidin-4-yl) propyl) piperidine derivatives” *Chemical Biology & Drug Design* **78**, 622–630. (IF: 2.82)
314. Simin Teimoori, K. Panjamurthy, K. Vinaya, D. S. Prasanna, Sathees C. Raghavan, K. S. Rangappa. “Synthesis and biological evaluation of novel homopiperazine derivatives as anticancer agents” *Journal of Cancer Therapy* **2**, 507-,514. (IF: 0.21)
315. Simin T, K. Panjamurthy, K. Vinaya, D. S. Prasanna, Khyati Batelia, Sathees C. Raghavan, K. S. Rangappa “Synthesis and antiproliferative activity of novel homopiperazine derivatives in leukemia cells”. *Chemistry and Biology Interface*, **1**, 59-67.
316. S. Chandrappa, K. Vinaya, M. Umashankara, K. S. Rangappa. “One-pot approach for the synthesis of 2-aryl benzothiazoles *via* a two-component coupling of *gem*-dibromomethylarenes and o-aminothiophenols” *Tetrahedron Letter*. **52**, 5474–5477. (IF: 2.68)
317. Raghavendra GM, Ramesha AB, Revanna CN, Nandeesh KN, Mantelingu K, Rangappa KS. “One-pot tandem approach for the synthesis of benzimidazoles and benzothiazoles from alcohols” *Tetrahedron Letter*. **52**, 5571-5574. (IF: 2.68)
318. B. Krishnamurthy, M. K. Ramakrishna, K. Vinaya, D. S. Prasanna, S. Ramesh, K. S. Rangappa. “Synthesis and anti-angiogenic effects of 2-amino-6-ethoxy benzothiazole thiourea derivatives on Ehrlich Ascites Tumor cells *in-vivo*” *Journal of Pharmacy Research* **4**, 4369-4373. (IF: 0.06)
319. B. Krishnamurthy, K. Vinaya, D. S. Prasanna, B. Raghava, K. S. Rangappa. “Synthesis of 2-methyl-3-(2-(piperazin-1-yl) ethyl)-6,7,8,9-tetrahydro- 4*H*-pyrido[1,2-*a*] pyrimidin-4-one derivatives as antimicrobial agents” *Letters in Drug Design and Discovery* **8**, 988-995. (IF: 0.92)
320. Chandrappa S, Vinaya K, Prasanna DS, Rangappa KS. “Mild and highly efficient method for the synthesis of arylidenethiazolidinone analogues” *Proceedings of Indian National Science Academy* **77**, 343-349. (IF: 0.10)

## 2010

321. Prasanna DS, Kavitha CV, Raghava B, Vinaya K, Ranganatha SR, Raghavan SC, Rangappa KS; “Synthesis and identification of a New Class of (*S*)-2,6-diamino-4,5,6,7-tetrahydrobenzothiazole Derivatives as Potential Antileukemia Agents”; *Investigational New Drugs* **28**, 454-465. (IF: 3.33)
322. Raju H, Chandrappa S, Vinaya K, Nagamani TS, Ananda H, Thimmegowda NR, Byregowda SM, Rangappa KS; “Synthesis of 1-(4-methoxybenzyl)-3-cyclopropyl-1*H*-

- pyrazol-5-amine derivatives as antimicrobial agents”; *Journal of Enzyme Inhibition and Medicinal Chemistry* **2010, 25, 537-543. (IF: 1.36)**
323. Vinaya K, Veeresh B, Ananda Kumar CS, Prasanna, Ranganatha SR, Benaka Prasad SB, Patil BM and Rangappa KS; “Synthesis of Novel 1-benzhydryl-4-(3-(piperidin-4-yl) propyl) Piperidine Sulfonamides as Anticonvulsant Agents”; *Letters in Drug Design & Discovery*, **7(2), 109-115. (IF: 0.73)**
  324. Asha D, Kavitha CV, Chandrappa S, Prasanna DS, Vinaya R, Raghavan SC, Rangappa KS; “Novel ethyl 2-(1-aminocyclobutyl)-5-(benzoyloxy)-6-hydroxy-pyrimidine-4-carboxylate derivatives: Synthesis and anticancer activities”; *Journal of Cancer Therapy*, **1, 21-28. (IF: 0.21)**
  325. Ranganatha SR, Vinaya K, Chandrappa S, Ananda Kumar CS, Benaka Prasad SB, Prasanna DS, Rangappa KS; “Synthesis of 6-Fluoro-3-(4-piperidinyl)-1,2-benzisoxazole amino acid Derivatives and Anti-DNA Damaging Activity”; *International Journal of Drug Design and Discovery*, **2010, 1, 57-64. (IF: 1.62)**
  326. Chandrappa S, Chandru H, Sharada AC, Vinaya K, Ananda Kumar CS, Thimmegowda NR, Rangappa KS; “Synthesis and in vivo anticancer and antiangiogenic effects of novel thioxothiazolidin-4-one derivatives against transplantable mouse tumor”; *Medicinal Chemistry Research*, **19, 236-249. (IF: 0.6)**
  327. Benaka Prasad SB, Vinaya K, Ananda Kumar CS, Sanjay Swarup and Rangappa KS; “Synthesis and in vitro antiproliferative activity of diphenyl(sulphonylpiperidin-4-yl) methanol derivatives”; *Medicinal Chemistry Research*, **19, 220-235. (IF: 0.71)**
  328. Sriramamurthy B, Fayaz A, J. N. Narendra Sharath Chandra, Rangappa KS, Asna Urooj. “Design, synthesis and biological evaluation of imidazo[1,2-a] pyridine derivatives as acetylcholineesterase inhibitors”; *Journal of Pharmacy Research*, **3, 645-649. (IF: 0.06)**
  329. Asha D, Manish Malviya, Chandrappa S, Prasanna DS; K. S. Rangappa; “Synthesis and xanthine oxidase inhibition studies of a novel class of 2-aminopyrimidine derivatives”; *Proceedings of the National Academy of Sciences India*, **177-183. (IF: 0.185)**
  330. Chandrappa S, Vinaya K, Srikantha BM, Ananda Kumar CS, Prasanna DS, Thimmegowda NR, Shylaja M. D, Rangappa KS; “Inhibition of Gastric H<sup>+</sup>, K<sup>+</sup>-ATPase by novel thiazolidinone derivatives”; *Journal of Sulfur Chemistry*, **31, 189-196. (IF: 1.09)**
  331. Raju H, Chandrappa S, Ramakrishna MK, Nagamani TS, Ananda H, Byregowda SM, Rangappa KS; “Synthesis, characterization and anti-angiogenic effects of novel 5-amino pyrazol derivatives on Ehrlich ascites tumor [EAT] cells in-vivo”; *Journal of Cancer Therapy*, **1, 1-9. (IF: 0.21)**
  332. Prasanna DS, Kavitha CV, Vinaya K, Ranganatha SR, Raghava B, Sunil Kumar YC, Raghavan SC, Rangappa KS; “Synthesis and antileukemic activity of 1-((S)-2-amino-4,5,6,7-tetrahydrobenzo[d]thiazol-6-yl)-3-(substituted phenyl) urea derivatives”; *Bulletin of Chemical Society of Japan*, **83, 689-697. (IF: 1.44)**
  333. Basappa S, Murugan, Kavitha CV, Purushothaman A, Nevin KG, Sugahara K, and Rangappa KS; “A Small Oxazine Compound as an Anti-Tumor Agent: A Novel Pyranoside Mimetic That Binds to VEGF, HB-EGF, and TNF- $\alpha$ ”; *Cancer Letters*, **297, 231-243. (IF: 4.95)**
  334. Prasanna DS, Kavitha CV, Vinaya K, Ranganatha SR, Raghavan SC, Rangappa KS; “Synthesis and identification of a New Class 2-(arylcaboxamide) -(S)-6-amino-4,5,6,7-

tetrahydrobenzothiazole Derivatives as Antileukemic Agents”; *European Journal of Medicinal Chemistry*; **45**, 5331-5336. (IF: 3.13)

335. Chandrappa S, Vinaya K, Ananda Kumar CS, Rangappa KS. “The one-pot procedure for synthesis of benzimidazoles from *gem*-dibromomethylarenes using *o*-diaminoarenes”; *Tetrahedron Letters*. **51**, 6493-6497. (IF: 2.51)
336. Chandrappa S, Vinaya K, Ramakrishnappa T, Rangappa KS; “An Efficient Method for Aryl Nitro Reduction and Cleavage of Azo Compounds Using Iron Powder/Calcium Chloride”; *Synlett* **20**, 3019-3022. (IF: 2.21)
337. Basappa, Manjunath HR, Nanjunda Swamy S, Priya BS, Naveen S, Sridhar MA, Rangappa KS, Prasad JS; “Crystal and Molecular Structure Studies of N-(4-chloro-3-(trifluoromethyl) phenyl)-2-methoxybenzamide”; *Structural Chemistry Communications*, **1(2)**, 70-71. (IF: 1.53)

## 2009

338. Benaka Prasad SB, Vinaya K, Ananda Kumar CS, Sanjay Swarup, Rangappa KS; "Synthesis of novel 6-fluoro-3-(4-piperidinyl)-1,2-benzisoxazole derivatives as antiproliferative agents: A structure-activity relationship study; *Investigational New Drugs*; **27(6)**, 534-542. (IF: 3.84)
339. Thimmegowda NR, Sarala G, Ananda Kumar CS, Chandrappa S, Raju H, Sridhar MA, Prasad JS, Rangappa KS; “Synthesis and crystal structure studies of novel bioactive heterocycle: 7-chloro-5-cyclopropyl-9-methyl-10-(2-piperidin-1-yl-ethyl)-5,10-dihydro-4,5,6,10-tetraaza-dibenzo [a, d] cyclohepten-11-one”; *Journal of Chemical Crystallography*, **39**, 484. (IF: 0.6)
340. Sunil Kumar YC, Manish Malviya, Narendra Sharath Chandra JN, Kavitha CV, Thimmegowda NR, Subhash MN, Rangappa KS; “Effect of novel *N*-aryl ureas substituted 3-morpholino arecoline derivatives as muscarinic receptor 1 agonist in Alzheimer’s dementia models; *Arkivoc*, **(IX)**, 45-56. (IF: 0.5)
341. Vinaya K, Kavitha R, Ananda Kumar CS, Benaka Prasad SB, Chandrappa S, Deepak SA, Nanjundaswamy S, Umesha S and Rangappa KS; “Synthesis and Antimicrobial Activity of 1-Benzhydryl-sulfonyl-4-(3-(piperidin-4-yl) propyl)piperidine Derivatives against Pathogens of *Lycopersicon esculatum*: A Structure-activity Evaluation Study”; *Archives of Pharmacal Research.*, **32(1)**, 33-41. (IF: 1.60)
342. Kavitha CV, Mridula N, Ananda Kumar CS, Bibha Choudhary, Muniyappa, Rangappa KS and Raghavan SC; “Novel derivatives of spirohydantoin induce growth inhibition followed by apoptosis in Leukemia cells”; *Biochemical Pharmacology*, **77**, 348-363. (IF: 4.71)
343. Ananda Kumar CS, Benaka Prasad SB, Vinaya K, Chandrappa S, Thimmegowda NR, Sanjay Swarup, Rangappa KS; “Synthesis and antiproliferative activity of substituted diazaspiro hydantoin: A structure-activity relationship study”; *Investigational New Drugs*, **27 (2)**, 131-139. (IF: 3.84)
344. Ananda Kumar CS, Benaka Prasad SB, Vinaya K, Chandrappa S, Thimmegowda NR, Sanjay Swarup, Rangappa KS; “Synthesis and in vitro antiproliferative activity of novel 1-benzhydryl-piperazine derivatives against human cancer cell lines”; *European Journal of Medicinal Chemistry*, **44**, 1223-1229. (IF: 1.80)
345. Ananda Kumar CS, Karunakara M, Sadashiva MP, Vinaya K, Thimmegowda NR, Benaka Prasad SB, Chandrappa S, Rangappa KS; “Synthesis and *in vitro* antimicrobial activity of medicinally important novel *N*-alkyl, *N*-aryl and urea derivatives of 1-benzhydryl-



- piperizine: A Structure-activity relationship study”; *Letters in Drug Design & Discovery*, **6**, 146-154. (IF: 0.93)
346. Chandrappa S, Vinaya K, Srikanta BM, Ananda Kumar CS, Thimmegowda NR, Ranganatha SR, Shylaja MD, Rangappa KS; “Novel N-Substituted Thiazolidinones as Proton Pump Inhibitors and Potent Anti-Ulcer Agents: SAR Study”; *Letters In Drug Design & Discovery*, **6**, 101-106. (IF: 0.93)
  347. Chandrappa S, Kavitha CV, Shahabuddin MS, Vinaya K, Ananda Kumar CS, Ranganatha SR, Raghavan SC, Rangappa KS; “Synthesis of 2-(5-((5-(4-chlorophenyl) furan-2-yl) methylene)-4-oxo-2-thioxothiazolidin-3-yl) acetic acid derivatives and evaluation of their cytotoxicity and induction of apoptosis in human leukemia cells”; *Bioorganic & Medicinal Chemistry Letters*, **17**, 2576-2584. (IF: 3.47)
  348. Vinaya K, Raja Naika, Ananda Kumar CS, Benaka Prasad SB, Chandrappa S, Ranganatha SR, Krishna V, Rangappa KS; “Evaluation of in vivo wound-healing potential of 2-[4-(2,4-dimethoxy-benzoyl)-phenoxy]-1-[4-(3-piperidin-4-yl-propyl)-piperidin-1-yl]-ethanone derivatives”; *European Journal of Medicinal Chemistry*, **44**, 3158-3165. (IF: 1.80)
  349. Ananda Kumar CS, Kavitha CV, Vinaya K, Benaka Prasad SB, Thimmegowda NR, Chandrappa S, Raghavan SC, Rangappa KS; “Synthesis and in vitro cytotoxic evaluation of novel diazaspino bicyclo hydantoin derivatives in human leukemia cells: A SAR study”; *Investigational New Drugs*, **27**, 327–337. (IF: 3.84)
  350. Basappa, Ananda Kumar CS, Nanjunda Swamy S, Sugahara K, Rangappa KS; “Antitumor and anti-angiogenic activity of novel hydantoin derivatives: Inhibition of VEGF secretion in liver metastatic osteosarcoma cells”; *Bioorganic & Medicinal Chemistry*, **17**, 4928–4934. (IF: 3.47)
  351. Manish Malviya, Sunil Kumar YC, Mythri RB, Venkateshappa C, Subhash MN, Rangappa KS; “Muscarinic receptor 1 agonist activity of novel N-aryl carboxamide substituted 3-morpholino arecoline derivatives in Alzheimer's presenile dementia models”; *Bioorganic & Medicinal Chemistry*, **17**, 5526–5534. (IF: 3.47)
  352. Kumara MN, Linge Gowda NS, Mantelingu K, Rangappa KS; “N-Bromosuccinimide assisted oxidation of tripeptides and their amino acid analogs: Synthesis, kinetics, and product studies”; *Journal of Molecular Catalysis A: Chemical*, **309**, 172–177. (IF: 3.12)
  353. Thimme Gowda NR, Kavitha CV, Omana Joy, Rangappa KS, Raghavan SC; “Synthesis and Biological Evaluation of Novel 1-(4-Methoxyphenethyl)-1HBenzo[D]Imidazole-5-Carboxylic Acid Derivatives and their Precursors as Potent Antileukemic Agents”; *Bioorganic & Medicinal Chemistry Letters*, **19**, 4594-4600. (IF: 3.47)
  354. Girisha HR, Narendra Sharath Chandra JN, Sriramamurthy Boppana, Manish Malviya, Sadashiva CT, Rangappa KS; “Active site directed docking studies, synthesis and pharmacological evaluation of cis-2, 6-dimethyl piperidine sulfonamides as inhibitors of acetylcholinesterase”; *European Journal of Medicinal Chemistry*, **44**, 4057–4062. (IF: 1.80)
  355. Vinaya K, Raja Naika, Ananda Kumar CS, Benaka Prasad SB, Chandrappa S, Ranganatha SR, Krishna V, Rangappa KS; “Synthesis and anti-inflammatory activity of novel (4-hydroxyphenyl) (2,4-dimethoxyphenyl) methanone derivatives”; *Archiv der Pharmazie Chem. Life Sci.*, **342**, 476–483. (IF: 2.13)
  356. Ali Saberi, Rangappa KS; “A Novel One-Pot Synthesis of Benzimidazole and Its 2-Substituted Derivatives under Solvent-Free Conditions and Microwave Irradiation”;

357. Nanjunda Swamy S, Kavitha CV, Priya BS, Goankar SL, Rangappa KS. "Microwave-assisted synthesis of N-alkylated bibenzoimidazolyl derivatives: Antimicrobial studies"; ***Letters in Drug Design & Discovery*, 6(5), 380-386. (IF: 0.93)**
358. Raghu Ningegowda, Kavitha CV, Priya BS, Gaonkar SL, Tejesvi MV, Rangappa KS, Nanjunda Swamy S; "Microwave-Assisted Solvent-Free Synthesis of N-alkyl Benzotriazole Derivatives: Antimicrobial Studies"; ***Letters in Drug Design & Discovery*, 6(7), 502-507. (IF: 0.93)**
359. Asha D, Manish Malviya, Chandrappa S, Sadashiva CT, Vinaya K, Prasanna DS, Rangappa KS; "Synthesis and Characterization of Substituted Ethyl 2-(1-aminocyclobutyl)-5-(benzoyloxy)-6-hydroxypyrimidine-4-carboxylate Derivatives as Antioxidant Agents"; ***Letters in Drug Design & Discovery*, 6(8), 637-643. (IF: 0.93)**
360. Sadashiva CT, Narendra Sharath Chandra JN, Kavitha CV, Rangappa KS; Synthesis and pharmacological evaluation of novel N-alkyl/aryl substituted thiazolidinone arecoline analogues as muscarinic receptor 1 agonist in Alzheimer's dementia models; ***European Journal of Medicinal Chemistry*, 44, 4848-4854. (IF: 1.80)**
361. Raghu Ningegowda, Grover, Basappa, Ranjith S, Rangappa KS, Priya BS, Nanjunda Swamy; "Synthesis, characterization and in vitro anti-tumor activities of novel 9-ethyl-9H-purine derivatives"; ***Investigational New Drugs*, 28(6), 754-765. (IF: 3.84)**
362. Ranganatha SR, Kavitha CV, Vinaya K, Prasanna DS, Chandrappa S, Raghavan SC, Rangappa KS; "Synthesis and cytotoxic evaluation of novel 2-(4-(2,2,2-trifluoroethoxy)-3-methylpyridin-2-ylthio)-1H-benzo[d]imidazole derivatives"; ***Archives of Pharmacal Research*, 32, 1335-1343. (IF: 1.6)**
363. Ranganatha SR, Manish Malviya, Sunil Kumar YC, Vinaya K, Prasanna DS, Subhash MN, Rangappa KS; "Effect of Novel Amino acids and Dipeptides Substituted 3-morpholino Arecoline Derivatives as Muscarinic Receptor 1 Agonists in Alzheimer's Dementia Models"; ***International Journal of Peptide Research and Therapeutics*, 15, 323-337. (IF: 1.05)**
364. Rangappa KS; Alzheimer's antidote; ***Nature India* doi:10.1038/nindia.2009.263; Published online 31 July 2009. (IF: )**
365. Boppana S, Pagadala NS, Rangappa KS; "Structure based designing of new inhibitors against acetylcholine esterase associated with Alzheimer's disease"; ***International Journal of Integrative Biology*, 2009, 8(1), 29-36. (IF: 0.45)**

## 2008

366. Thimmegowda NR, Sarala G, Ananda Kumar CS, Chandrappa S, Benaka Prasad SB, Sridhar MA, Prasad JS, Rangappa KS; "Crystal and Molecular Structure Analysis of 7-Chloro-5-cyclopropyl-9-methyl-10-(2-nitro-4-Trifluoromethyl-Phenyl)-5,10-dihydro-4,5,6,10-tetraaza-dibenzo [a, d] cyclohepten-11-one"; ***Molecular Crystals & Liquid Crystals*, 482, 135-144. (IF: 0.40)**
367. Benaka Prasad SB, Naveen S, Anandakumar CS, Vinaya K, Linge Gowda NS, Sridhar MA, Prasad JS, Rangappa KS; "Synthesis and Crystal Structure of 1-(2-Nitrobenzenesulfonyl)-piperidin-4-yl-diphenyl-methanol"; ***Molecular Crystals & Liquid Crystals*, 482, 145-154. (IF: 0.40)**

368. Thimmegowda NR, Nanjunda Swamy S, Ananda Kumar CS, Sunil Kumar YC, Chandrappa S, Yip GW, Rangappa KS; "Synthesis, characterization and evaluation of benzimidazole derivative and its precursors as inhibitors of MDA-MB-231 human breast cancer cell proliferation"; *Bioorganic & Medicinal Chemistry Letters*, **18**, 432-435. (IF: 2.85)
369. Narendra Sharath Chandra JN, Manish Malviya, Sadashiva CT, Subhash MN, Rangappa KS; "Effect of novel arecoline thiazolidinones as muscarinic receptor 1 agonist in Alzheimer's dementia models"; *Neurochemistry International*, **52**, 376-383. (IF: 1.423)
370. Naredra Babu, Rangappa KS; "Design, Synthesis and Structure Activity Study of Shorter Hexa Peptide Analogues as HIV-1 Protease Inhibitors"; *Bioorganic & Medicinal Chemistry Letters*, **16**, 874-880. (IF: 2.85)
371. Ananda Kumar CS, Vinaya K, Narendra Sharath Chandra JN, Thimmegowda NR, Benaka Prasad SB, Sadashiva CT, Rangappa KS; "Synthesis and antimicrobial studies of novel 1-benzhydryl-piperazine sulfonamide and carboxamide derivatives"; *Journal of Enzyme Inhibition and Medicinal Chemistry*, **23**(4), 462-469 (IF: 0.81)
372. Hari Kishore A, Vedomurthy BM, Mantelingu K, Shipra Agarwal, Ashok Reddy BA, Siddhartha Roy, Ragappa KS, Kundu TK; "Specific small molecule activator of Aurora Kinase A Induces Autophosphorylation"; *Journal of Medicinal Chemistry*, **51**, 792-797. (IF: 5.36)
373. Sunil Kumar YC, Manish Malviya, Narendra Sharath Chandra JN, Sadashiva CT, Ananda Kumar CS, Benaka Prasad SB, Prasanna DS, Subhash MN, Rangappa KS; "Effect of novel N-Aryl sulphonamide substituted 3-morpholino Arecoline derivatives as muscarinic receptor 1 agonist in Alzheimer's dementia models"; *Bioorganic & Medicinal Chemistry Letters*, **16**, 5157-5163. (IF: 3.47)
374. Vinaya K, Raja Naika, Ananda Kumar CS, Benaka Prasad SB, Chandrappa S, Ranganatha SR, Krishna V, Rangappa KS; "Synthesis of medicinally important N-trimethylene dipiperidine sulfonamides and carboxamides containing a substituted encephalone moiety- An antibacterial agent"; *Letters in Drug Design & Discovery*, **5**(4), 250-260. (IF: 0.77)
375. Benaka Prasad SB, Vinaya K, Ananda Kumar CS, Sanjay Swarup, Rangappa KS; "Synthesis and *in vitro* antiproliferative activity of diphenyl(piperidin-4-yl) thioamide methanol derivatives"; *Letters in Drug Design & Discovery*, **5**, 423-430. (IF: 0.77)
376. Manish Malviya, Sunil Kumar YC, Asha D, Narendra Sharath Chandra JN, Subhash MN, Rangappa KS; "Muscarinic receptor 1 agonist activity of novel N-arylthioureas substituted 3-morpholino arecoline derivatives in Alzheimer's presenile dementia models"; *Bioorganic & Medicinal Chemistry Letters*, **16**, 7095-7101. (IF: 3.47)
377. Girisha HR, Naveen S, Benaka Prasad SB, Anandakumar CS, Vinaya K, Sridhar MA, Prasad JS, Rangappa KS. "Synthesis and Crystal Structure of [1-(Toluene-4-Sulfonyl)-Piperidin-4-yl]-Methanol"; *Molecular Crystals & Liquid Crystals*, **487**, 160-169. (IF: 0.40)
378. Chandrappa S, Benaka Prasad SB, Vinaya K, Ananda Kumar CS, Thimmegowda NR, Rangappa KS; "Synthesis and *in vitro* antiproliferative activity against human cancer cell lines of novel 5-(4-methyl-benzylidene)-thiazolidine-2,4-diones"; *Investigational New Drugs*, **26**, 437-444. (IF: 3.99)
379. Chandrappa S, Sadashiva MP, Rangappa KS; "N-Methyl morpholine chlorochromate: An efficient reagent for oxidation primary and secondary alcohols to carbonyl compounds"; *Synthetic Communications*, **38**(15), 2638-2645. (IF: 1.08)

380. Ananda Kumar CS, Chandru H, Sharada AC, Thimmegowda NR, Benaka Prasad SB, Kumar MK, Rangappa KS; "Synthesis and evaluation of 1-benzhydryl-sulfonyl-piperazine derivatives as inhibitors of tumor growth and tumor angiogenesis of mouse Ehrlich Ascites Tumor in vivo"; *Medicinal Chemistry*, **4**, 466-472. (IF: 0.80)
381. Vinaya K, Naveen S, Ananda Kumar CS, Benaka Prasad SB, Sridhar MA, Prasad JS, Rangappa KS; "Synthesis, characterization, crystal and molecular structure analysis of a novel 1-benzhydryl-piperazine derivative: 1-benzhydryl-4-(2-nitro-benzenesulfonyl)-piperazine"; *Structural Chemistry*, **19**, 765- 770. (IF: 1.29)
382. Thimmegowda NR, Sarala G, Ananda Kumar CS, Prasanna DS, Chandrappa S, Raju H, Sridhar MA, Prasad JS, Rangappa KS; "Crystal and molecular structure analysis of novel bioactive heterocyclic compound: 7-chloro-5-cyclopropyl-9-methyl-10- (4-nitro-benzyl)-5, 10-dihydro-4, 5, 6, 10-tetraaza-dibenzo [a, d] cyclohepten-11-one"; *Molecular Crystals & Liquid Crystals*, **493**, 103-110. (IF: 0.40)
383. Narendra Babu SN, Rangappa KS; "Design and synthesis antibacterial and Antitubercular activity cationic antimicrobial peptie, ovine batenecin"; *Indian journal of Chemistry – Section B Organic and Medicinal Chemistry*, **47** (2), 297-304. (IF: 0.26)
384. Girisha HR, Naveen S, Vinaya K, Sridhar MA, Prasad JS, Rangappa KS; "1-Benzhydryl-4-(4-chlorophenylsulfonyl) piperazine"; *Acta Crystallograp hica Section E: Structural Reports Online*, **64** (2), o358. (IF: 0.30)
385. Chandru H, Sharada AC, Ananda Kumar CS, Rangappa KS; "Anti-angiogenic and growth inhibitory effects of synthetic novel 1,5- diphenyl-1,4 pentadiene-3-one-3-yl-ethanone pyridine Curcumin analogs on Ehrlich ascites tumor in vivo"; *Medicinal Chemistry Research*, **17**, 515-529. (IF: 0.80)
386. Naveen S, Ananda Kumar CS, Benaka Prasad SB, Vinaya K, Sridhar MA, Prasad JS, Rangappa KS; "Structural Conformation of a Novel 1-Benzhydrylpiperazine Derivative: 1-Benzhydryl-4-(toluene-4-sulfonyl)-piperazine"; *Journal of Chemical Crystallography*, **39**(6), 395-398. (IF: 0.6)

## 2007

387. NaveenS, Basappa, Sridhar MA, Prasad JS, Rangappa KS; "Synthesis and Crystal Structure of (2-Ethoxyphenyl) [4-(6-fluorobenzo [d] isoxazol-3-yl) piperdin-1-yl] methanone"; *Acta Crystallographica E63*, o642-o643. (IF: 0.36)
388. Sarala G, Nanjunda Swamy S, Prabhswamy B, Sridhar MA, Prasad JS, Rangappa KS; "Synthesis and Crystal Structure of 1-(2-Bromo-4,5-dimethoxybenzyl) benzo[d] [1,2,3] triazole"; *Analytical Sciences*, **23**, x25-x26. (IF: 1.28)
389. Thimmegowda NR, Dharmappa KK, Anand Kumar CS, Sadashiva MP, Sathish AD, Vishwanath BS, Rangappa KS; "Synthesis and evaluation of tricyclic dipyrdo diazepinone derivatives as inhibitors of secretory phospholipase A<sub>2</sub> with anti-inflammatory activity"; *Current Topics in Medicinal Chemistry.*, **7**, 811-820. (IF: 4.09)
390. Linge Gowda NS, Kumara MN, Channe Gowda D, Rangappa KS, Madegowda NM; "N-Bromosuccinimide assisted oxidation of hydrophobi dependence tetra peptide sequences of elastin: a mechanistic study"; *Journal of Molecular Catalysis A: Chemical*, **269**, 225-233. (IF: 2.46)

391. Anil KC, Gaonkar SL, Basappa, Salimath BP, Rangappa KS, "N- substituted-2-butyl-5-chloro-3H-imidazole-4-carbaldehyde derivatives as anti-tumor agents against Ehrlich ascites tumor cells *in vivo*"; ***Medicinal Chemistry*, 3, 269-276. (IF: 0.41)**
392. Nanda BL, Nataraju A, Rajesh R, Rangappa KS, Shekar MA, Vishwanath BS; "PLA<sub>2</sub> Mediated Arachidonate Free Radicals: PLA<sub>2</sub> Inhibition and Neutralization of Free Radicals by Anti-Oxidants-A new role as anti-inflammatory molecules"; ***Current Topics in Medicinal Chemistry*, 7, 765-777. (IF: 4.09)**
393. Narendra Sharath Chandra JN, Ponnappa KC, Sadashiva CT, Priya BS, Nanda BL, Veerabasappa Gowda T, Vishwanath BS, Rangappa KS; "Chemistry and structural evaluation of different phospholipase A<sub>2</sub> inhibitors in arachidonic acid pathway mediated inflammation and snake venom toxicity"; ***Current Topics in Medicinal Chemistry*, 7, 787-800. (IF: 4.09)**
394. Benaka Prasad SB, Naveen S, Ananda Kumar CS, Sunil Kumar YC, Sridhar MA, Prasad JS, Rangappa KS; "Synthesis, Characterization and Crystal Structure Studies of 1-(4-Chloro-benzenesulfonyl)-piperidin-4-yl-diphenyl-methanol"; ***Polish Journal of Chemistry*, 81, 1191-1199. (Invited Article). (IF: 0.37)**
395. Priya BS, Anil Kumar C, Nanjunda Swamy S, Basappa, Naveen S, Prasad JS, Rangappa KS; "2-(2-(2-Ethoxybenzoylamino)-4-chlorophenoxy)-N-(2-ethoxy benzoyl) benzamine inhibits EAT cell induced angiogenesis by down regulation of VEGF secretion"; ***Bioorganic & Medicinal Chemistry Letters*, 17, 2775-2780. (IF: 2.76)**
396. Mantelingu K, Kishore AH, Balasubramnyam K, Pavan Kumar GV, Altaf M, Nanjunda Swamy S, Ruthrotha S, Chandrima D, Chandrabhas N, Rangappa KS, Kundu TK; "Activation of P 300 Histone Acetyltransferase by Small Molecules Altering Enzyme structure: Probed by Surface Enhanced Raman Spectroscopy"; ***The Journal of Physical Chemistry B*, 111, 4527-4534. (IF: 1.24)**
397. Sunil Kumar YC, Sadashiva MP, Rangappa KS; "An efficient synthesis of 2-(1-methyl-1,2,5,6-tetrahydropyridin-3-yl) morpholine: a potent M<sub>1</sub> selective muscarinic agonist"; ***Tetrahedron Letters*, 48, 4565-4568. (IF: 2.19)**
398. Anil Kumar C, Shankar J, Basappa, Salimath BP, Rangappa KS; "Pro-apoptotic activity of imidazole derivatives mediated by up-regulation of Bax and activation of CAD in Ehrlich Ascites Tumor cells"; ***Investigational New Drugs*, 25, 343-350. (IF: 3.22)**
399. Deepak SA, Kottapalli KR, Rakwal R, Oros G, Rangappa KS, Iwahashi H, Masuo Y, Agrawal GK; "Real-time PCR: Revolutionizing Detection and Expression Analysis of Genes"; ***Current Genomics*, 8(4), 234-251. (IF: 1.13)**
400. Naveen S, Ananda Kumar CS, Benaka Prasad SB, Thimmegowda NR, Chandrappa S, Sridhar MA, Prasad JS, Rangappa KS; "Synthesis and Crystal Structure of 1-Benzhydryl-4-Methane-Sulfonyl-Piperazine"; ***Molecular Crystals and Liquid Crystals*, 474, 67-76. (IF: 0.4)**
401. Naveen S, Sadashiva CT, Narendra Sharath Chandra JN, Rangappa KS, Sridhar MA, Prasad JS; "Crystal structure analysis of a bioactive piperazine analog: 1-bis-(4-fluorophenyl)-methyl-4-methane sulfonyl piperazine"; ***Molecular Crystals and Liquid Crystals*, 469, 89-97. (IF: 0.4)**
402. Ananda Kumar CS, Naveen S, Benaka Prasad SB, Thimmegowda NR, Chandrappa S, Sridhar MA, Prasad JS, Rangappa KS; "Synthesis and Crystal Structure Studies of 1-benzenesulphonyl-4-benzhydryl-piperazine"; ***Molecular Crystals and Liquid Crystals*, 469, 111-119. (IF: 0.4)**



403. Ananda Kumar CS, Naveen S, Benaka Prasad SB, Thimme Gowda NR, Linge Gowda NS, Sridhar MA, Prasad JS, Rangappa KS; "Synthesis and Crystal Structure Studies of a Novel Bioactive Heterocycle: 1-Benzhydryl-4-phenylmethane Sulfonyl Piperazine"; *Journal of Chemical Crystallography*, **37**, 727–731. (IF: 0.60)
404. Mantelingu K, Naveen S, Kavitha CV, Sridhar MA, Prasad JS, Rangappa KS; "Synthesis and Crystal Structure of 1-(Cyano(4-methoxyphenyl) methyl) cyclohexyl acetate"; *Molecular Crystals and Liquid Crystals*, **469**, 121-129. (IF: 0.4)
405. Benaka Prasad SB, Sunil Kumar YC, Ananda Kumar CS, Sadashiva CT, Vinaya K, Rangappa KS; "Synthesis of novel N-methyl-1,2,5,6-tetrahydropyridine-3-derivatives by Suzuki coupling: As acetyl cholinesterase inhibitors"; *The Open Medicinal Chemistry Letters*, **1**, 4-10. (IF: 0.50)
406. Narendra Sharath Chandra JN, Sadashiva CT, Rangappa KS; "Different susceptible genes in Alzheimer's disease"; *my SCIENCE*, **2(1)**, 1-12.
407. Kavitha CV, Gaonkar SL, Narendra Sharath Chandra JN, Sadashiva CT, Rangappa KS; "Synthesis and screening for acetylcholinesterase inhibitor activity of some novel 2-butyl-1,3-diaza-spiro [4,4] non-1-en-4-ones: Derivatives of irbesartan key intermediate"; *Bioorganic & Medicinal Chemistry*, **15**, 7391-7398. (IF: 2.83)
408. Chandru H, Sharada AC, Bettadaiah BK, Ananda Kumar CS, Rangappa KS, Karuna Kumar M, Sunil, Jayashree K; "In vivo growth inhibitory and anti-angiogenic effects of synthetic novel dienone cyclopropoxy curcumin analogs on mouse Ehrlich ascites tumor"; *Bioorganic & Medicinal Chemistry*, **15**, 7696-7703. (IF: 2.83)
409. Ananda Kumar CS, Nanjunda Swamy S, Thimmegowda NR, Benaka Prasad SB, Yip GW, Rangappa KS; "Synthesis and evaluation of 1-benzhydryl-sulfonyl-piperazine derivatives as inhibitors of MDA-MB-231 human breast cancer cell proliferation"; *Medicinal Chemistry Research*, **16**, 179-187. (IF: 0.41)
410. Ananda Kumar CS, Vinaya K, Sharath Chandra JN, Thimmegowda NR, Benaka Prasad SB, Sadashiva CT, Rangappa KS; "Synthesis and antimicrobial studies of novel 1-benzhydryl-piperazine sulfonamide and carboxamide derivatives"; *Medicinal Chemistry*, **00(0):1-8**. (IF: 0.41)

## 2006

411. Rangappa KS, Narendra SC, Sadashiva CT, Benaka Prasad SB; "Designing arecoline analogues as M1 receptor stimulant to treat Alzheimer's dementia"; *mySCIENCE*, **1.1**, 19-42.
412. Nanjunda Swamy S, Basappa, Sarala G, Priya BS, Gaonkar SL, Prasad JS and Rangappa KS; "Microwave assisted synthesis of N-alkylated Benzotriazole derivatives: antimicrobial studies"; *Bioorganic & Medicinal Chemistry Letters*, **16**, 999–1004. (IF: 2.46)
413. Kavitha CV, Basappa, Nanjunda Swamy S, Mantelingu K, Doreswamy S, Sridhar MA, Prasad JS, Rangappa KS; "Synthesis of New Bioactive Venlafaxine Analogs: Novel Thiazolidin-4-ones as Antimicrobials"; *Bioorganic & Medicinal Chemistry*, **14(7)**, 2290-2299. (IF: 2.46)
414. Naveen S, Nanjunda Swamy S, Basappa, Prabhuswamy B, Sridhar MA, Prasad JS, Rangappa KS; "Crystal structure of bioactive intermediate: 1-benzhydrylpiperazine"; *Analytical Sciences*, **22**, x41-x42. (IF: 1.5)

415. Priya BS, Basappa, Rangappa KS; “ $\Delta^2$ -isoxazoline derivatives as antimicrobials”; *Heterocyclic Communications*, **12**(1), 35-42. (IF: 0.44)
416. Kavitha CV, Basappa, Mantelingu K, Doreswamy S, Sridhar MA, Prasad JS, Rangappa KS; “Synthesis and crystal structure studies of 3-(2-(1-hydroxycyclohexyl)-2-(4-methoxyphenyl) ethyl)-2-(pyridin-3-yl)-thiazolidin-4-one”; *Journal of Chemical Research*, (S), **4**, 312-314. (IF: 0.41)
417. Sarala G, Sridhar MA, Prasad JS, Nanjunda Swamy S, Basappa, Prabhuswamy B, Rangappa KS; “Crystal and Molecular Structure Analysis of 1,2,4-Triazolo-N- amino-thiols”; *Molecular Crystals and Liquid Crystals*, **457**, 215-223. (IF: 0.40)
418. Nanjunda Swamy S, Basappa, Priya BS, Prabhuswamy B, Doreswamy BH, Prasad JS, Rangappa KS; “Synthesis of pharmaceutically important condensed heterocyclic 4,6-disubstituted-1,2,4-triazolo-1,3,4-thiadiazole derivatives as antimicrobials”; *European Journal of Medicinal Chemistry*, **41**, 531-538. (IF: 1.8)
419. Doreswamy S, Kavitha CV, Basappa, Sridhar MA, Rangappa KS, Prasad JS; “Crystal structure of Bioactive Venlafaxine Analog: 3-(2-(1-hydroxycyclohexyl)-2-(4-methoxyphenyl) ethyl)-2-(4-hydroxyphenyl) thiazolidin-4-one”; *Analytical Sciences*, **22**, x99-x100. (IF: 1.5)
420. Linge Gowda NS, Kumara MN, Channe Gowda D and Rangappa; "N-Bromosuccinimide oxidation of dipeptides and their Amino acids: synthesis, kinetics and mechanistic studies"; *International Journal of Chemical Kinetics*, **38**, 376-385. (IF: 0.77)
421. Nanjunda Swamy S, Basappa, Naveen S, Prabhuswamy B, Sridhar MA, Prasad JS, Rangappa KS; “Synthesis and Crystal Structure Analysis of 2-(4-methyl-2’biphenyl)-4-amino-1,2,4-triazole-3-thiol”; *Structural Chemistry*, **17**, 91-95. (IF: 1.37)
422. Naveen S, Kavitha CV, Rangappa KS, Sridhar MA, Prasad JS; “(Z)-3-(3,4-Dimethoxyphenyl)-2-(4-methoxyphenyl) acrylonitrile”; *Acta Crystallographica*, **E62**, o3239 - o3241. (IF: 0.41)
423. Sadashiva CT, Narendra Sharath Chandra JN, Ponnappa KC, Veerabasappa Gowda T, Rangappa KS; “Synthesis and efficacy of 1-[bis(4-fluorophenyl)- methyl] piperazine Derivatives for acetylcholinesterase inhibition, as a stimulant of central Cholinergic neurotransmission in Alzheimer's disease”; *Bioorganic & Medicinal Chemistry Letters*, **16**, 3932-3936. (IF: 2.46)
424. Priya BS, Naveen S, Basappa, Sridhar MA, Prasad JS, Rangappa KS; Synthesis and Crystal Structure of 3, 4, 5- Trimethoxy enzaldehyde oxime monohydrate”; *Analytical Sciences*, **22**, x161-x162. (IF: 1.5)
425. Doreswamy S, Kavitha CV, Basappa, Sridhar MA, Rangappa KS, Prasad JS; Crystal structure of bioactive venlafaxine analog: 3-(2-(1-ydroxycyclohexyl)-2-(4-methoxyphenyl) ethyl)-2-(4-hydroxyphenyl)-thiazolidin-4-one”; *Analytical Sciences*, **22**, x99-x100. (IF: 1.5)
426. Naveen S, Prabhu Swamy B, Nanjunda Swamy S, Basappa, Sridhar MA, Rangappa KS, Prasad JS; “Crystal Structure of a Bioactive 4-Bromomethyl-biphenyl-2-carboxylic Acid tert-Butyl Ester”; *Analytical Sciences*, **22**, x179-x180. (IF: 1.5)
427. Doreswamy S, Jayalakshmi K, Sridhar MA, Rangappa KS, Prasad JS; “Synthesis and Crystal Structure of 2-(4-Chlorophenyl)-3-(4- phthalamide)-1,3-thiazolidin-4-one”; *Analytical Sciences*, **22**, x181-x182. (IF: 1.5)

428. Sarala G, Kavitha CV, Rangappa KS, Sridhar MA, Prasad JS; "(Z)-2-(4-Methoxyphenyl)-3-phenylacrylonitrile"; *Acta Crystallographica*, **E62**, o3998-o4000. (IF: 0.41)
429. Naveen S, Nanjunda Swamy S, Basappa, Prabhu Swamy B, Sridhar MA, Prasad JS, Rangappa KS; "Crystal structure of 3-Para tolyl-6-(4'-methyl-biphenyl-2-yl)-[1,2,4] triazolo[3,4-b][1,3,4]thiadiazole"; *Analytical Sciences*, **22**, x221-x222. (IF: 1.5)
430. Kavitha CV, Sarala G, Rangappa KS, Sridhar MA, Prasad JS; "3-[4-(Dimethylamino) phenyl]-2-(4-Methoxyphenyl)-3-phenylacrylonitrile"; *Acta Crystallographica*, **E62**, o4345-o4347 (IF: 0.41)
431. Narendra Sharath Chandra JN, Sadashiva CT, Kavitha CV, Rangappa KS; "Synthesis and in vitro antimicrobial studies of medicinally important novel N-alkyl and N-sulfonyl derivatives of 1-[bis(4-fluorophenyl)-methyl] piperazine"; *Bioorg & Med. Chem.*, **14**, 6621-6627. (IF: 2.46)
432. Naveen S, Sadashiva MP, Rangappa KS, Sridhar MA, Prasad JS; "2-Methyl-N-(3,4,5-trimethoxybenzylidene)-aniline N-oxide"; *Acta Crystallographica*, **E62**, o4793-o4795. (IF: 0.41)
433. Priya BS, Naveen S, Sarala G, Basappa, Sridhar MA, Prasad JS, Rangappa KS; "Crystal Structure of 2-Ethoxy-N-[4-(pyrimidin-2-ylsulfamoyl)-phenyl]-benzamide"; *Analytical Sciences*, **22**, x235-x236. (IF: 1.5)
434. Sarala G, Nanjunda Swamy S, Prabhuswamy B, Priya BS, Sridhar MA, Prasad JS, Rangappa KS; "Synthesis and Crystal Structure of 1-(4-Nitrobenzyl)-1H-benzotriazole"; *Analytical Sciences*, **22**, x245-x246. (IF: 1.5)
435. Sarala G, Kavitha CV, Mantelingu K, Sridhar MA, Prasad JS, Rangappa KS; "Crystal Structure of Sertraline Key Intermediate: 4-(3,4-Dichlorophenyl)-3,4-dihydro-1(2H)-naphthalone, Tetralone"; *Analytical Sciences*, **22**, x241-x242. (IF: 1.5)
436. Priya BS, Nanjunda Swamy S, Tejesvi MV, Basappa, Sarala S, Gaonkar SL, Sridhar MA, Prasad JS, Rangappa KS; "Synthesis, characterization, antimicrobial and single crystal X-raycrystallographic studies of some new sulfonyl, 4-chloro phenoxy benzene and benzodiazepine substituted benzamides"; *European Journal of Medicinal Chemistry*, **41**(11), 1262-1270. (IF: 1.8)
437. Sarala G, Nanjunda Swamy S, Gaonkar SL, Basappa, Sridhar MA, Prasad JS, Rangappa KS; "Synthesis and crystal structure of 5-ethyl-2-[2-(4-nitrophenoxy) ethyl]-pyridine"; *Analytical Sciences*, **22**, x263-x264. (IF: 1.5)
438. Kavitha CV, Sarala G, Naveen S, Sridhar MA, Prasad JS, Rangappa KS; "Synthesis and Crystal Structure of 2-(4-Methoxyphenyl)-3-(3,4,5 trimethoxyphenyl) acrylonitrile"; *Analytical Sciences*, **22**, x265-266. (IF: 1.5)
439. Sarala G, Thimme Gowda NR, Rangappa KS, Sridhar MA, Prasad JS; "10-(2-Bromo-4,5-dimethoxybenzyl)-7-chloro-5-cyclopropyl-9-methyl-5,10-dihydro-4,5,6,10 tetraazadibenzo [a, d] cyclohepten-11-one"; *Acta Crystallographica*, **E62**, o5110-o5111. (IF: 1.5)
440. Kavitha CV, Sarala G, Naveen S, Sridhar MA, Prasad JS, Rangappa KS; "Synthesis and Crystal Structure of 2-(4-Methoxyphenyl)-3-(3,4,5 trimethoxyphenyl) acrylonitrile"; *Analytical Sciences*, **22**, x265-x266. (IF: 0.14)
441. Naveen S, Benaka Prasad SB, Sridhar MA, Prasad JS, Rangappa KS; "1-Phenylsulfonyl-1H-1, 2,4-triazole"; *Acta Crystallographica*, **E62**, o5893-o5895. (IF: 1.5)



442. Kavitha CV, Mantelingu K, Sarala G, Basappa, Sridhar MA, Prasad JS, Rangappa KS; "Synthesis and X-ray crystal structure analysis of 4-(3,4- dichlorophenyl)-2-(3,4,5-trimethoxy-benzylidene)-3,4-dihydro-naphthalen-1(2H)-one: Sertraline key intermediate analog"; *Journal of Chemical Research*, (S), **730-732**. (IF: 0.41)
443. Kavitha CV, Basappa, Mantelingu K, Doreswamy S, Sridhar MA, Prasad JS, Rangappa KS; "Synthesis and Crystal Structure studies of (2RS)-3[(2RS)-2-(1-hydroxy-cyclohexyl)-2-(4-methoxyphenyl)ethyl]-2-(pyridine-3-yl)thiazolidin-4-one"; *Journal of Chemical Research*, (S), **308-310**. (IF: 0.41)

## 2005

444. Basappa, Mantelingu K, Doreswamy BH, Mahendra, Sridhar MA, Prasad JS, Rangappa KS; "Reduction of aldehydes and oximes to their corresponding alcohols and amines by catalytic hydrogenation method"; *Indian Journal of Chemistry*, **44B**, **148-151**. (IF: 0.45)
445. Priya BS, Basappa, Nanjunda Swamy S, Rangappa KS; "Synthesis and characterization of novel 6-fluoro-4-piperidiny- 1,2-benzisoxazole amides and 6-fluoro-chroman-2-carboxamides: Antimicrobial studies"; *Bioorganic & Medicinal Chemistry*, **13(7)**, **2623-2628**. (IF: 2.14)
446. Sadashiva MP, Mallesha H, Karunakara M, Rangappa KS; "Enhancement in Antimicrobial activity of 2-(Phenyl)-3-(2-butyl-4-chloro-1H-imidazolyl)-5-butylate isoxazolidine"; *Bioorganic & Medicinal Chemistry Letters*, **15**, **1811-1814**. (IF: 2.31)
447. Rangappa KS, Basappa; "New Cholinesterase Inhibitors: Synthesis and structure activity relationship of 1,2-benzisoxazole series and novel imidazolyl- $\delta$ 2 isoxazolines"; *Journal of Physical Organic Chemistry*, **18**, **773-778**. (IF: 0.58)
448. Nanjunda Swamy S, Basappa, Sarala G, Prabhu Swamy B, Sridhar MA, Prasad JS, Rangappa KS; "Synthesis and X-ray crystal studies of 6-(2-chlorophenyl)-3-ethyl- [1,2,4] triazolo[3,4-b][1,3,4]thiadiazole"; *Journal of Chemical Research*, (S), **4**, **238-239**. (IF: 0.2)
449. Mahendra M, Jayalakshmi K, Basappa, Rangappa KS, Sridhar MA, Prasad JS; "2-Biphenyl-4-yl)-3-(4-methoxyphenyl)-1,3-thiazolidin-4-one"; *Acta. Crystallographica*, **E61**, **o2315-o2317**. (IF: 0.49)
450. Sadashiva MP, Nataraju A, Mallesha H, Rajesh R, Vishwanath BS, Rangappa KS; "Synthesis and evaluation of trimethoxyphenyl isoxazolidines as inhibitors of secretory phospholipase A2 with anti-inflammatory activity"; *International Journal of Molecular Medicine*, **16(5)**, **895-904**. (IF: 0.74)
451. Sadashiva MP, Basappa, Rangappa KS, Doreswamy BH, Sridhar MA, Prasad JS; "Synthesis and crystal structure of 5-allyl-5H dibenzo [b, f] azepine"; *Journal of Chemical Crystallography*, **35 (3)**, **171-175**. (IF: 0.6)
452. Jayalakshmi K, Basappa, Rangappa KS, Mahendra M, Doreswamy BH, Sridhar MA, Prasad JS; "Synthesis and X-ray structure of 3-(4-Methylphenyl)-2-(4-biphenyl)-1,3-thiazolidine-4-one"; *Journal of Chemical Crystallography*, **35(1)**, **67-70**. (IF: 0.14)
453. Kavitha CV, Lakshmi S, Basappa, Mantelingu K, Sridhar MA, Prasad JS, Rangappa KS; "Synthesis and Molecular Structure Analysis of Venlafaxine Intermediate and its Analog"; *J Journal of Chemical Crystallography*, **35(12)**, **957-963**. (IF: 0.6)
454. Meenakshisundaram S, Selvaraju M, Rangappa KS, Gowda NMM; "Effect of Substituents on the rare of Oxidation of Anilines with Peroxomonosulfate Monoanion (HOOSO<sub>3</sub>-) in

Aqueous Acetonitrile: A Mechanistic study”; *International Journal of Chemical Kinetics*, **37(11)**, 649-657. (IF: 0.8)

455. Maria Pushparaj FJ, Kannan S, Vikram L, Lalitha SK, Rangappa KS; “Alkaline Hexacyanoferrate (III) oxidation of substituted 4-oxo acids: A mechanistic study”; *Journal of Physical Organic Chemistry*, **18**, 1042-1049. (IF: 0.58)
456. Doreswamy SI, Jayalakshmi K, Goankar SL, Sridhar MA, Rangappa KS, Prasad JS; “Synthesis and crystal structure of 2-(3-pyridyl)-3-(4-methylphenyl)-1,3-thiazolidin-4-one”; *Analytical Sciences*, **21**, x217-x218. (IF: 1.23)
457. Doreswamy SI, Jayalakshmi K, Gaonkar SL, Sridhar MA, Rangappa KS, Prasad JS; “Synthesis and Crystal Structure of 2-(4-Bromophenyl)-3-(4-methylphenyl)-1,3-thiazolidin-4-one”; *Analytical Sciences*, **21**, x191-x192. (IF: 1.23)
458. Mahendra M, Gayathri V, Jayalakshmi K, Rangappa KS, Sridhar MA, Prasad JS; “6-phenyl-5,6-dihydrobenzoimidazo [1,2, -c] quinazoline”; *Acta Crystallographica*, **E61**, o3249-o3251. (IF: 0.49)

## 2004

459. Kumara MN, Channegowda D, Thimmegowda A, Rangappa KS; “Anodically generated manganese (III) sulphate for the oxidation of di-peptides in aqueous sulphuric acid medium: A kinetic study”; *Journal of Chemical Sciences*, **116 (1)**, 49-53. (IF: 0.36)
460. Mantelingu K, Rangappa KS, Basappa, Doreswamy BS, Mahendra M, Sridhara MA, Prasad JS; “Synthesis and X-ray crystal structure studies of 1-ethyl-3-(2- chlorphenyl)-1,2,3 triazolium perchlorate”; *Journal of Chemical Crystallography*, **34(2)**, 141-145. (IF: 0.60)
461. Mallesha H, Ravi Kumar KR, Sadashiva MP, Rangappa KS, Devaraja Gowda HC, Venkatesh BD, Prasad JS; “Crystal and molecular structure studies of 2-(3-chlorophenyl), 3,5, -diphenyl isoxazole”; *Journal of Chemical Crystallography*, **34(4)**, 281-284. (IF: 0.60)
462. Basappa, Kavitha CV, Rangappa KS; “Simple and an efficient method for the synthesis of 1-[2- dimethylamino-1-(4-methoxyphenyl)-ethyl]-cyclohexanol hydrochloride: (±) Venlafaxine recemic mixtures”; *Bioorganic & Medicinal Chemistry Letters*, **14(12)**, 3279-3281. (IF: 1.84)
463. Basappa, Nanjundaswamy S, Sathish K, Mahendra M, Vishwanath BS, Rangappa KS; “Novel δ2-Isoxazolines as group II Phospholipase2 (PLA2) Inhibitors”; *Bioorganic & Medicinal Chemistry Letters*, **14(14)**, 3679-3681. (IF: 1.84)
464. Shashikala V, Rangappa KS; “Kinetics and mechanism of oxidation of 6-deoxyhexoses by sodium N-Bromobenzenesulfonamide in alkaline medium”; *Oxidation Communications*, **27(2)**, 316-326. (IF: 0.20)
465. Basappa, Mantelingu K, Rangappa KS; “A simple and efficient method for the synthesis 1,2- benzisoxazoles: a series of its potent acetylcholinesterase inhibitors”; *Indian Journal of Chemistry*, **43B**, 1954-1957. (IF: 0.71)
466. Sadashiva MP, Malesha H, Hithesh NA, Rangappa KS; “Synthesis and microbial inhibition study of 5- imidazolyl substituted isoxazolidines”; *Bioorganic & Medicinal Chemistry Letters*, **12**, 6389-6395. (IF: 1.84)
467. Rangappa KS; “Oxidation of manosaccharides by N-metallo-N- haloarylsulfonamides: a review”; *Journal of the Indian Chemical Society*, **81**, 1025-1037. (IF: 0.27)

468. Jayalakshmi K, Devarajegowda HC, Sridhar MA, Bheemanna HG, Gayathri V, Gowda NMM, Begum NS, Rangappa KS, Prasad JS; "Crystal structure of 6-pyridyl5,6dihydrobenzo [4,5] imidazo[1,2c] quinazoline"; *Analytical Sciences*, **20**, x87-88. (IF: 0.91)
469. Dinesh ND, Nagaraja P, Rangappa KS; "A sensitive spectrophotometric assay for tinidazole and metronidazole using Pd-C and formic acid reduction system"; *Turkish Journal of Chemistry*. **28**, 355-363. (IF: 0.28)

## 2003

470. Basappa, Sadashiva MP, Mantelingu K, Nanjunda Swamy S, Rangappa KS; "Solution phase synthesis of novel  $\delta^2$ -isoxazoline libraries via 1,3- dipolar cycloaddition and their antifungal properties"; *Bioorganic & Medicinal Chemistry Letters*, **11**, 4539-4544. (IF: 1.84)
471. Anil Kumar NV, Rangappa KS; "Synthesis and characterization of thymidine adducts of arylamines"; *Synthetic Communications*, **33**(2), 257-262. (IF: 0.88)
472. Ravi Kumar KR, Mallesha H, Rangappa KS; "Synthesis and Characterization of 5-substituted Novel Isoxazolidines Derived from 1,3-Dipolar Cycloaddition of Nitrones with Olefins: Studies of Antibacterial and Antifungal Activities"; *Synthetic Communications*, **33**(9), 1545-1555. (IF: 0.88)
473. Vishu Kumar K, Mantelingu K, Basappa, Rangappa KS; "Synthesis of novel isoxazolidines via, 1,3-dipolar cyclo addition of nitrones to olefins"; *Heterocyclic Communications.*, **9**(2), 161-164. (IF: 0.15)
474. Ravi Kumar KR, Mallesha H, Rangappa KS; "Synthesis of Novel isoxazolidine derivatives and their Anti fungal and antibacterial Properties"; *Archiv der Pharmazie Med. Chem.*, **336**, 159-164. (IF: 0.78)
475. Ravi Kumar KR, Mallesha H, Basappa, Rangappa KS; "Synthesis and Novel isoxazolidines derivatives and studies for their Anti fungal properties"; *European Journal of Medicinal Chemistry*, **38**(6), 613-619. (IF: 1.55)
476. Ravi Kumar KR, Mallesha H, Basappa, Rangappa KS; "A facile route for the synthesis of novel  $\gamma$ - lactams"; *Journal of Heterocyclic Chemistry*, **40**, 607-609. (IF: 0.36)
477. Vishu Kumar AK, Mantelingu K, Basappa, Rangappa KS; "Synthesis, characterisation of newer 3-anthranyl-4-chlorophenyl- 5-substituted novel isoxazolidines via 1, 3-dipolar cycloaddition reactions of nitrones with alkenes"; *Chemistry: An Indian Journal*, **1**, 12-16.
478. Nagendra P, Yathirajan HS, Rangappa KS, Nagaraja P, Mohana KN; "Kinetics and mechanism of the oxidation of 3-dimethylamino-1- propanol and 2-dimethylaminoethanol by bromamine-T using ruthenium (III) chloride as catalyst in hydrochloric acid medium"; *Oxidation Communications*, **26**(2), 212-222. (IF: 0.19)
479. Doreswamy BH, Mantelingu K, Basappa, Rangappa KS, Mahendra M, Sridhar MA, Prasad JS; "Synthesis and crystal structure of 1-methyl-3-(4-nitrophenyl)-1,2,3 triazolium perchlorate"; *Molecular Crystals and Liquid Crystals*, **401**, 67-75. (IF: 0.35)
480. Basappa, Mantelingu K, Doreswamy BH, Mahendra M, Sridhar MA, Prasad JS, Rangappa KS; "Microwave-assisted synthesis and Crystal Structure of 2-Butyl-4- chloro-1H-imidazole-5-carboxaldehyde"; *Analytical Sciences.*, **19**, 31-32. (IF: 0.82)

481. Doreswamy BH, Mahendra M, Prasad JS, Mantelingu K, Basappa, Rangappa KS; "Synthesis and crystal structure studies of 1-ethyl-3-phenyl 1,2,3- triazolium perchlorate"; *European Journal of Medicinal Chemistry*, **4**, 477-490. (IF: 1.63)
482. Dinesh ND, Nagaraja P, Rangappa KS; "A facile and sensitive spectrophotometric analysis of sulfonamides in pure form and its pharmaceuticals"; *Journal of the Indian Chemical Society*, **80**, 934-936. (IF: 0.24)

2002

483. Mallesh H, Dinesh ND, Rangappa KS, Shashikanth S, Lokanath NK, Sridhar MA, Prasad JS; "Photoreduction of benzophenone analogues by alcohol and ether: Self recognition molecular assemblies"; *Indian Journal of Chemistry*, **41B**, 196-200. (IF: 0.31)
484. Shamsikala V, Rangappa KS; "A novel mechanism for the oxidation of erythro-series pentose and hexoses by N-aryl bromosulphonamides in alkaline medium"; *Journal of Carbohydrate Chemistry*, **21(3)**, 219-234. (IF: 0.55)
485. Vishu Kumar BK, Dhananjaya K, Rangappa KS; "Synthesis, characterization and biological studies of novel isoxazolidines:1,3-dipolar cycloaddition reactions"; *Synthetic Communications*, **32(12)**, 1887-1890. (IF: 1.01)
486. Mallesha H, Ravikumar K, Rangappa KS; "Synthesis and characterization of nucleoside derivatives N-(benzoyl)-N-(deoxyguanosin-8-yl)-4-aminobiphenyl and N-(2'-deoxyguanosin-8-yl)-4-aminobiphenyl via Alpha-Phenyl-N-(4-biphenyl) nitrene"; *Nucleoside Nucleotides and Nucleic acids*, **21(5)**, 385-392. (IF: 0.83)
487. Nagendra P, Yathirajan HS, Rangappa KS, Mohana KN; "Oxidation of isoniazid and glutathione with bromamine -T"; *Journal of the Indian Chemical Society*, **79**, 75-78. (IF: 0.32)
488. Dinesh ND, Nagaraja P, Made Gowda NM, Rangappa KS; "Extractive spectrophotometric methods for the assay of sildenafil citrate (viagra) in pure form and in pharmaceutical formulations"; *Talanta*, **57(4)**, 757-764. (IF: 1.58)
489. Anil Kumar NV, Mantelingu K, Rangappa KS; "Synthesis and characterisation of adenosine adducts of arylamines"; *Nucleoside, Nucleotides and Nucleic acids*, **21(6 & 7)**, 463-467. (IF: 0.83)
490. Dinesh ND, Vishu Kumar BK, Nagaraja P, Made Gowda NM, Rangappa KS; "Stability indicating RP-LC determination of sildenafil citrate (viagra) in pure form and in pharmaceutical samples"; *Journal of Pharmaceutical and Biomedical Analysis*, **29**, 743-748. (IF: 1.36)
491. Kempe Gowda BK, Rangappa KS, Channe Gowda D; "Kinetics studies on oxidation of Gly-Val-Gly, Gly-Phe-Gly and Ala-Val-Gly using Mn(III)"; *Indian Journal of Chemistry*, **41 B**, 1039-1044. (IF: 0.31)
492. Nagendra P, Yathirajan HS, Rangappa KS, Mohana KN, Nagaraja P; "Silver salt of N-bromo-4-methyl benzenesulfonamide as new oxidimetric reagent"; *Journal of the Indian Chemical Society*, **79**, 602-604. (IF: 0.32)
493. Dinesh ND, Nagaraja P, Rangappa KS; "Sensitive spectrophotometric methods for the analysis of some anaesthetic drugs"; *Indian Journal of Pharmaceutical Sciences*, **5**, 485-488. (IF: 0.19)

494. Shashikala V, Rangappa KS; "Oxidation of threose-series pentose and hexoses by N-aryl bromosulphonamides in alkaline medium"; *Indian Journal of Chemistry*, **41B**, 1907-1914. (IF: 0.31)
495. Shashikala V, Rangappa KS; "Kinetic and Mechanistic investigation of oxidation of uronic acids by sodium N-bromo aryl sulphonamides in alkaline medium"; *Journal of Carbohydrate Chemistry*, **21(6)**, 491-499. (IF: 0.55)
496. Dinesh ND, Nagaraj P, Rangappa KS; "A facile and highly sensitive spectrophotometric determination of sulfonamides in pure and dosage forms"; *Proceedings of the National Academy of Sciences, India*, **72(A)**, III, 231-239. (IF: 0.19)
497. Gnana Rani DF, Marai Pusparaj FJ, Alphones I, Rangappa KS; "Kinetics and mechanism of oxidation of 4-oxoacids by hexacyanoferrate (III) catalysed by Os (VIII)"; *Indian Journal of Chemistry*, **41B**, 2153-2159. (IF: 0.31)

## 2001

498. Nagaraja P, Hemanth K, Rangappa KS; "Dapsone and Iminodibenzyl as a Novel Reagents for the Spectrophotometric Determination of Trace Amounts of Nitrite in Water Samples"; *Analytical Sciences*, **17**, 439-442. (IF: 0.82)
499. Prasanth PA, Manelingu K, Anandamurthy AS, Anitha N, Rangaswamy, Rangappa KS; "Kinetics and Mechanism of Oxidation of hexoses by Bromamine-T in Alkaline Medium"; *Journal of the Indian Chemical Society*, **78**, 241-245. (IF: 0.21)
500. Rangappa KS, Mallesha H, Anil Kumar NV, Sridhar MA, Prasad JS; "Synthesis and Crystal structure of 1,3- Dimethylbenzotriazolium Trifluoromethane sulfonate"; *Molecular Crystals and Liquid Crystals*, **357**, 291-298. (IF: 0.40)
501. Mallesha H, Ravikumar K, Mantelingu K, Rangappa KS; "Synthesis and Characterization of Model Ultimate Carcinogens/ Metabolites Derived from Lead Tetra Acetate Oxidation of Arylnitrones: 2'-Deoxyguanosin Adducts"; *Synthesis*, **10**, 1459-1466. (IF: 0.75)
502. Rangappa KS; "Mechanistic studies of oxidation of substituted phenethylalcohols by N-metallo-N-haloaryl-sulphonamides: Kinetic isotope studies"; *Journal of Physical Organic Chemistry*, **14**, 684-690. (IF: 0.27)
503. Raju CR, Mohana KN, Rangappa KS, Yathirajan HS; "Determination of Quantum yield for the Photolysis of Aqueous solution of Chloramine-B"; *Indian Journal of Chemistry*, **40A**, 613-615. (IF: 0.31)
504. Kumara MN, Channegowda D, Rangappa KS; "Oxidation of some dipeptides with Mn (III): Synthesis, Characterisation and Mechanistic study"; *Reaction Kinetics, Mechanisms and Catalysis*, **72 (2)**, 331-342. (IF: 1.06)
505. Mallesha H, Ravikumar K, Vishu Kumar BK, Mantelingu K, Rangappa KS; "Histidine as a catalyst in organic synthesis: a facile *insitu* synthesis of  $\alpha$ , N-diaryl nitrones"; *Proceedings of the Indian National Science Academy* **113 (4)**, 291-296.
506. Rangappa KS, Anitha N, Nikath AM, Rai KML, Made Gowda NM; "Oxidation of Uronic acids by Manganese (III) sulphate in acid solution: A Kinetic and Mechanistic study"; *Synth. React. Met-Org. Chem.*, **31 (5)**, 713-723. (IF: 0.26)
507. Kempe Gowda BK, Rangappa KS, Channe Gowda D; "Sequence dependence of Oxidation of some repeating pentapeptides sequences of Elastin with electrolytically generated



Mn(III): Synthesis, Kinetics and Mechanistic Study”; *Journal of Physical Organic Chemistry*, **14**(10), 716-724. (IF: 0.27)

508. Channe Gowda D, Kempe Gowda BK, Rangappa KS; “Synthesis and kinetics of oxidation of some tripeptides of elastin sequences with anodically generated manganese (III) sulphate: Mechanistic study”; *Synth. React. Met-Org Chem.*, **31**(6), 1109-1126. (IF: 0.27)
509. Vasantha RA, Srinivasamurthy KC, Rangappa KS, Nagaraja P; “Spectrophotometric determination of some VIC-DIOLS in the pharmaceutical formulations”; *Chem. Anal.*, **46**, 569-577. (IF: 4.06)
510. Rangappa KS, Anitha N, Made Gowda NM; “Mechanistic investigation of the oxidation of substituted phenethyl alcohols by Manganese (III) sulphate catalysed by Ruthenium (III) in acid solution”. *Synth. React. Met-org. Chem.*, **31**(8), 1499-1518. (IF: 0.26)
511. Kumara MN, Channegowda D, Rangappa; “Synthesis and kinetics of oxidation of phenylalanyl-glycine, isolusyl-glycine and leusyl-glycine with anodically generated manganese (III) sulphate: A Mechanistic study”; *Synth. React. Met-Org. Chem.*, **31**(10), 1771-1785. (IF: 0.26)
512. Mallesha H, Ravikumar K, Mantelingu K, Rangappa KS; “Synthesis of N-acetoxy-N-benzoyl-2-aminofluorene, an ultimate carcinogen by LTA oxidation of  $\alpha$ -Phenyl-N-(2-aminofluorenyl) nitron and N-(2'-Deoxyguanosin-8-yl)-2-aminofluorene”; *Synthesis*, **16**, 2415-2418. (IF: 0.75)
513. Raju CR, Yathirajan HS, Rangappa KS, Mohana KN, Rai KML; “Oxidimetric determination of isoniazid and Amino acids with bromamine –B in buffer medium”; *Oxidation Communications*, **24**(3), 393-399. (IF: 0.17)
514. Kempe Gowda BK, Prasad HS, Rangappa KS, Channe Gowda D; “Hydrophobicity dependence of Oxidation of tetrapeptides of Elastin Sequences with Mn(III): Synthesis, Characterization, Kinetics and Mechanistic Study”; *International Journal of Chemical Kinetics*, **34**(1), 39-48. (IF: 0.86)
515. Rangappa KS, Swamy HM, Raghavendra MP, Made Gowda NM; “Kinetics and mechanism of oxidation neutral  $\alpha$ - amino acids by Sodium-N- chloro-p-toluene-sulphonamide in acid medium”; *International Journal of Chemical Kinetics*, **34**, 49- 55. (IF: 0.86)
516. Kumara MN, Channegowda D, Rangappa KS; “Synthesis and kinetics of oxidation of some dipeptides with anodically generated manganese (III) sulphate: Mechanistic study”; *International Journal of Chemical Kinetics*, **34**(7), 438-444. (IF: 0.86)

## 2000

517. Rangappa KS, Nagaraja P, Srinivasa M; “New extractive spectrophotometric determination of Flutamide in pure and pharmaceutical formulations”; *Analytical Sciences*, **16**, 637-639. (IF: 0.91)
518. Yathirajan HS, Nagendra P, Rangappa KS, Mohana KN, Rai KML, Ananda Murthy AS; “Photochemical decomposition of aqueous solution of sodium salt of N-bromo-4-methyl benzene sulphonamide”; *Indian Journal of Chemistry*, **39 A**, 1218-1221. (IF: 0.31)
519. Nagaraja P, Dinesh ND, Madegowda NM, Rangappa KS; “A Simple Spectrophotometric Determination of Some Phenothiazine Drugs in Pharmaceutical Samples”; *Analytical Sciences*, **16**, 1127-1131. (IF: 0.91)

520. Rangappa KS, Raghavendra MP, Anitha N, Channe Gowda D; "Mechanistic investigations of oxidation of 6-deoxyhexoses by Sodium-N-Chloro-p-toluene-sulphonamide in alkaline medium"; *Indian Journal of Chemistry*, **39 B**, 836-841. (IF: 0.31)
521. Rangappa KS, Mallesha H, Anil Kumar NV, Yathirajan HS, Sridhar MA, Prasad JS; "Crystal and Molecular: structure studies of Tris (2-hydroxy-3-t butyl-5-methylbenzene)-methane and N-Benzyl-N- phenylbenzamide"; *Journal of Chemical Crystallography*, **30(4)**, 255-258. (IF: 0.60)

## 1999

522. Nikath AM, Anitha M, K.M.L. Rai and Rangappa KS; "Electrolytically generated manganese(III)sulphate for the oxidation of aldo pentoses in aqueous sulphuric acid medium: Kinetics and mechanism"; *Trends in Carbohydrate Chemistry*, **1**, 109-117. (IF: 0.14)
523. Nagaraja P, Srinivasa KC and Rangappa KS; "The use of sulphanilamide for the spectrophotometric determination of promethazine hydrochloride". *Indian Journal of Pharmaceutical Sciences*, **61(1)**, 64-67. (IF: 0.19)
524. Ramachandra H, Rangappa KS, Mahadevappa DS and Jagadeesha MB; "Mechanistic investigation of the oxidation of indoles with Bromamine-T in alkaline medium catalysed by Os (VIII)"; *Oxidation Communicatins*, **22(2)**, 248-258. (IF: 2.11)
525. Rangappa KS and Chandraju S; "Oxidation of  $\alpha$ -aminoacids by electrolytically generated manganese (III)in aqueous sulphuric acid medium: A kinetic and Mechanistic study"; *Oxidation Communications*, **22(3)**, 448-457. (IF: 2.11)
526. Rangappa KS; "HPLC and GLC-MS analysis of oxidation of threose series pentoses and hexoses by arylhaloamines in alkaline medium"; *Trends in Carbohydrate Chemistry*, **5**, 1-13. (IF: 0.14)
527. Chandraju S, Rangappa KS and Made NM; "Manganese (III) oxidation of L-Serine in aqueous sulphuric acid medium: kinetics and Mechanism"; *International Journal of Chemical Kinetics*, **31**, 525-530. (IF: 0.79)
528. Anitha H, Rangappa KS and Rai KML; "Anodically generated manganese (III) sulphate for the oxidation of aldo and keto hexoses: A Kinetic and mechanistic study"; *Indian Journal of Chemistry*, **38B (8)**, 1046-1051. (IF: 0.20)
529. Yathirajan HS, Rangappa KS, NagendraP, Mohana KN, Sridhar MN, Lokanath NK, and Prasad JS; "Crystal and molecular structure studies of dibromamine-T." *Indian Journal of Chemistry*, **38A**, 1169-1172. (IF: 0.20)
530. Nagaraja P, Srinivasa M and Rangappa KS; "Spectrophotometric determination of promethazine hydrochloride using anthranilic acid". *Proceedings of the National Academy of Sciences*, **69(A)**, III, 281-286.

## 1998

531. Rangappa KS, Chandraju S and Gowda NMM; "Oxidation of L-Glutamine by Manganese (III) in aqueous sulphuric acid, Acetic acid and Pyrophosphate media: A kinetic and Mechanistic study"; *International Journal of Chemical Kinetics*, **30**, 7-19. (IF: 0.79)
532. Nagraja P, Srinivas KS, Rangappa KS and Gowda NMM; "Spectrophotometric methods for the determination of certain catecholamine derivatives in pharmaceutical preparations"; *Talanta*, **46**, 39-44. (IF: 0.18)

533. Rangappa KS, Raghavendra MP, Mahadevappa DS and Channegowda D; "Sodium N-chloro-benzenesulphonamide as a selective oxidant for the hexosamines in alkaline medium: A kinetic and Mechanistic study"; *Journal Organic Chemistry*, **63**, 531-536. (IF: 2.74)
534. Rangappa KS, Chandraju S and Gowda NMM; "Manganese(III) oxidation of L-Lysine and L-histidine in pyrophosphate solution: A kinetic and Mechanistic study"; *Synth. React. Inorg. Met. Org. Chem.*, **28(2)**, 275-294. (IF: 0.27)
535. Rangappa KS, Raghavendra MP, Rai KML and Mahadevappa DS; "Oxidation of methyl pentoses by Sodium-N-Chloro-benzenesulphonamide in alkaline medium: A kinetic and Mechanistic Study"; *Proceedings of the Indian Academy of Sciences, (Chemical Sciences)* **53-64**. (IF: 0.17)
536. Rangappa KS, Raghavendra MP, Mahadevappa DS and Channegowda D; "Kinetics and Mechanism of Oxidation of erythro-series pentoses and hexoses by Sodium-N-chloro-p-toluene sulphonamide"; *Carbohydrate research*, **306**, 57-67. (IF: 1.31)
537. Lokanath NK, Sridhar MA, Prasad JS, Mohana KN, Yathirajan HS and Rangappa KS; "Crystal and Molecular structure studies of some organic haloamines"; *Molecular Crystals and Liquid Crystals*, **319**, 271-290. (IF: 0.42)
538. Lokanath NK, Sridhar MA, Prasad JS, Bhadre DG, Anil NV and Rangappa KS; "Crystal structures of two triazoles"; *Molecular Crystals and Liquid Crystals*, **319**, 137-146. (IF: 0.42)
539. Rangappa KS, Manjunatha SH, Raghavendra MP and Channegowda DC; "Oxidation of threose series pentoses and hexoses by sodium N-chloro-p-toluenesulfonamide"; *Carbohydrate Research*, **307**, 253-262. (IF: 1.31)
540. Nagaraja P, Srinivasa KC and Rangappa KS; "Spectrophotometric method for the determination of paracetamol and phenacetin"; *Journal of Pharmaceutical and Biomedical Analysis*, **17**, 501-506. (IF: 1.02)
541. Raghavendra MP, Rangappa KS, Mahadevappa DS and Channegowda D; "Oxidation of erythro series sugars by Sodium-N-chloro-benzenesulphonamide in alkaline medium: A kinetic study; *Indian Journal of Chemistry*, **37B**, 783-792. (IF: 0.31)
542. Robert M, Neudeck A, Boche G, Willeke C, Rangappa KS and Andrews P; "Electron transfer Chemistry of Some Unusual Nitrogen compounds: from stable nitrenium ions to the corresponding nitrogen centered radicals"; *New Journal of Chemistry*, **1437-144**. (IF: 0.81)

## 1997

543. Lokanath NK, Sridhar MA, Prasad JS, Bhadre DG, Rangappa KS; "Crystal structure of 1-benzyl-4-phenyl-1,2,3-triazole C<sub>9</sub>H<sub>9</sub>N<sub>3</sub>"; *Zeitschrift für Kristallographie*, **212**, 35. (IF: 1.20)
544. Sridhar MA, Lokanath NK, Prasad JS, Bhadre DG, Rangappa KS; "Crystal structure of 1-Methyl -3-phenyl- 1,2,3- triazolinium Perchlorate C<sub>9</sub>H<sub>12</sub>N<sub>3</sub>(ClO<sub>4</sub>)"; *Zeitschrift für Kristallographie*, **212**, 33. (IF: 1.20)
545. Sridhar MA, Lokanath NK, Prasad JS, Bhadre DG, Rangappa KS; "Crystal structure of 1-benzyl - 1,2,3- triazole C<sub>9</sub>H<sub>9</sub>N<sub>3</sub>"; *Zeitschrift für Kristallographie*, **212**, 30. (IF: 1.20)



546. Lokanath NK, Sridhar MA, Prasad JS, Bhadre DG, Rangappa KS; "Crystal structure of N-[0-anisole] anthranilic acid, C<sub>14</sub>H<sub>13</sub>NO<sub>3</sub>"; *Zeitschrift für Kristallographie*, **212**, **29**. (IF: 1.20)
547. Lokanath NK, Sridhar MA, Prasad JS, Manjunatha S, Rangappa KS; "Crystal structure of 1-(anilino)-1 (Phenylmethylino) pentacarbonyl chromium, (C<sub>19</sub>H<sub>18</sub>N<sub>2</sub>) (Cr(CO)<sub>5</sub>)"; *Zeitschrift für Kristallographie*, **212**, **31**. (IF: 1.20)
548. Rangappa KS, Ramachandra H, Mahadevappa DS; "Mechanistic studies of oxidation of Diphenyl methanols by sodium- N-chloro-benzene sulphonamide catalysed by Ruthenium (III)"; *Journal of Physical Organic Chemistry*, **10**, **159-166**. (IF: 0.36)
549. Ramachandra H, Mahadevappa DS, Rangappa KS; "Kinetic and mechanism of oxidation of a-Phenyl benzene methanols by Sodium-N-bromo-p -toluene sulphonamide catalysed by Ruthenium (III)"; *Indian Journal of Chemistry*, **35B**, **36B** (4), **333-338**. (IF: 0.31)
550. Raghavendra MP, Mahadevappa DS, Rai KML, Rangappa KS; "Mechanistic investigations of Oxidation of Amino sugars by sodium- N-chloro-p-toluene sulphonamide in Alkaline Medium"; *Journal of Carbohydrate Chemistry*, **16**(3), **343-358**. (IF: 0.77)
551. Rangappa KS, Raghavendra MP, Mahadevappa DS; "Kinetics and Mechanism of Oxidation of uronic acids by sodium- N-chloro-benzene sulphonamide in alkaline medium"; *Journal of Carbohydrate Chemistry*, **16** (3), **359-371**. (IF: 0.77)
552. Ramachandra H, Rangappa KS, Mahadevappa DS, Gowda NMM; Ruthenimn (III) catalysed mechanistic Studies of oxidation of Benzhydrols by Sodium N-chloro-p-toluene sulphonamide in HCl medium"; *International Journal of Chemical Kinetics*, **29**, **773-780**. (IF: 0.79)
553. Chandraju S, Mahadevappa DS, Rangappa KS, Gowda NMM; Anodically Generated Manganese (III) oxidation of L-serine and DL-Threonine in Aqueous Acetic Acid Medium: Kinetics and mechanism"; *Synth. React. Met-org. Chem.*, **27**(9), **1329-1346**. (IF: 0.27)
554. Rangappa KS, Raghavendra MP, Mahadevappa DS; "Kinetics and Mechanism of oxidation of D-mannosamine by Sodium- N-Chloro-p-toluene sulphonamide in Alkaline Medium"; *Indian Journal of Chemistry*, **36B**, **890-896**. (IF: 0.31)
555. Chandraju S, Mahadevappa DS, Rangappa KS; "Manganese (III) Oxidation of some Neutral amino acids in pyrophosphate medium: A Kinetic and Mechanistic Study"; *Indian Journal of Chemistry*, **36 A**, **974-980**. (IF: 0.31)
556. Ramachandra H, Rangappa KS and Mahadevappa DS; "Oxidation of diphenylcarbinols with Bromamine-B in Acid medium catalysed by Ru (III): A Kinetic and Mechanistic Study"; *Oxidation Communications*, **20**, **565-575**. (IF: 0.11)

## 1996

557. Ramachandra H, Rangappa KS, Mahadevappa DS and MadeGowda NM; "Oxidation of Substituted Phenethyl alcohols by Sodium-N-Chloro p- toluene sulphonamide: A Kinetic Study"; *Monatshefte fur Chemie.*, **127**, **241-255**. (IF: 0.30)

558. Rangappa KS, Ramachandra H, Mahadevappa DS and Gowda NMM; "Osmium (VIII) Catalysed Kinetics and Mechanism of Indoles Oxidation with Aryl-N-Haloamines in Alkaline Medium"; *International Journal of Chemical Kinetics*, **28**, 265-274. (IF: 0.40)
559. Ramachandra H, Rangappa KS, Mahadevappa DS; "Oxidation of substituted Phenethyl alcohol by sodium-N-Chloro-benzene sulphonamide: A Kinetic Study"; *Journal of Physical Organic Chemistry*, **9**, 279-286. (IF: 0.36)
560. Ramachandra H, Rangappa KS, Mahadevappa DS; "Kinetics and Mechanism of Oxidation of Phenethyl Alcohols by Bromamine-T in acid medium"; *Indian Journal of Chemistry*, **35B**, 703-707. (IF: 0.31)
561. Rangappa KS, Chandraju S and Mahadevappa DS; "Kinetics and Oxidation of L-Lysine and L-phenyl-alanine by Anodically generated Manganese (III) in aqueous ethanoic acid"; *Transition Metal Chemistry*, **21**, 519-523. (IF: 0.45)
562. Boche G, Harms K, Marsch M, Rangappa KS, Schimeczek M and C. Willeke; "Crystal and Electronic Structure of Stable Nitrenium Ions"; *Journal of the American Chemical Society*, **118** (21), 4925-4930. (IF: 4.52)
563. Boche G, Rangappa KS, Marsch M, and Harms K; "Structure of 1-benzyl-3-methyl -1,2,3-triazolium perchlorate"; *Zeitschrift für Kristallographie*, **211**, 581-582. (IF: 1.20)
564. Ramachandra H, Rangappa KS and Mahadevappa DS; "Mechanistic Investigation of the Oxidation of Phenethyl alcohols by Sodium-N- Bromo-Benzene-Sulphonamide in Acid Medium". *Proceedings of the Indian Academy of Sciences (Chem. Sci.)*, **108**, 485-494. (IF: 0.17)
565. Rangappa KS, Chandraju S and Mahadevappa DS "Anodically Generated Mn (III) sulphate for the Oxidation of L- Histidine in aqueous acetic acid: A Kinetic Study" *Proceedings of the National Academy of Sciences*, **66** (A), **III**, 235- 246.
566. Raghavendra MP, Rangappa KS and Mahadevappa DS; "Oxidation of Uronic Acids by Sodium-N-chloro-p-toluene-sulphonamide in Alkaline Medium: A Kinetic Study"; *Indian Journal of Chemistry*, **35 A**, 1079-1083. (IF: 0.31)

## 1995

567. Rangappa KS; "Oxidation of Secondary alcohols by organic haloamines: Kinetics and Mechanism"; *Bull.Soc. Kinet. India*, **17**, 2-122.

## 1993

568. Gowda NMM, Ackerson BE, Morland M, Rangappa KS; "Synthesis and Characterisation of Oligomeric Molybdenum Complexes of N-alkylphenothiazines."; *Transition Metal Chemistry*, **18**, 271-274. (IF: 0.45)
569. Rangappa KS, Mythily CK, Mahadevappa DS, Gowda NMM. "Kinetics and Mechanism of oxidation of Some Aliphatic esters by Sodium-N-bromo-p-toluene Sulfonamide"; *International Journal of Chemical Kinetics*, **25**, 97-105. (IF: 0.79)
570. Novak M, Helmick JS, oberlies N, Rangappa KS, Clark NW, Swenton JS; "The Electrochemical Preparation of Kinetic and Product studies of Acylated Quinol and Quinol Ethers Imines. In search of the Hydrolysis products of the "Ultimate" Carcinogen or N-Acetyl-2-amino-fluorene"; *The Journal of Organic Chemistry*, **58**, 867-878. (IF: 2.74)

571. Rangappa KS, Esterline DT, Mythily CK, Mahadevappa DS, Ambekar SY; "Oxidation of Indoles by N-Chloro-N-sodio-p-toluene sulfonamide in Alkaline Medium Catalysed by Os (VIII): A Kinetic study". *Polyhedron*, **12(14)**, 1719-1724. (IF: 0.95)
572. Novak M, Rangappa KS, Manitsas RK; "Nucleophilic aromatic Substitution of Ester Derivatives of Carcinogenic N-Arylhydroxamic Acids by Aniline & N, N-Dimethylaniline"; *The Journal of Organic Chemistry*, **58**, 7813-7821. (IF: 2.74)

## 1992

573. Novak M, Rangappa KS; "Nucleophilic Substitution on the Ultimate Hepatocarcinogen N-(Sulfonatoxy)-2-(acetylamino) fluorene by Aromatic Amines."; *The Journal of Organic Chemistry*, **57**, 1285-1290. (IF: 2.74)

## 1991

574. Mythily CK, Mahadevappa DS, Rangappa KS; "Oxidation of Secondary Alcohols by Sodium N-Chlorobenzene Sulphonamide in Aqueous Solution: A Kinetic Study."; *Collection of Czechoslovak Chemical Communications*, **56**, 1671 – 1679. (IF: 0.86)

## 1990

575. Mythily CK, Rangappa KS, Mahadevappa DS; "Kinetics of oxidation of Cinnamaldehyde by Chloramine-T in Perchloric acid in Alkaline Medium Catalysed by Osmium (VIII)."; *Indian Journal of Chemistry*, **29A**, 676 – 679. (IF: 0.31)
576. Mythily CK, Rangappa KS, Gowda NMM; "Kinetics and Mechanism of Chloramine-T Oxidation of Cinnamaldehyde in Two Acid Media."; *International Journal of Chemical Kinetics*, **23**, 127-136. (IF: 0.79)

## 1989

577. Puttaswamy, Mahadevappa DS, Rangappa KS; "Oxidation of Indigocarmine by N-Haloarene Sulphonamides: A Kinetic Study."; *Bull. Chem. Soc. Jpn.*, **62**, 3343-3348. (IF: 1.42)

## 1986

578. Ananda S, Rangappa KS, Mahadevappa DS; "Oxidation of Methionine by Sodium N-bromo sulphonamide in Aqueous Solution: A Kinetic and Mechanistic Study."; *Journal of the Indian Chemical Society*, **LXIII**, 581-585. (IF: 0.17)
579. Gowda AT, Rangappa KS; "Extraction Spectrophotometric Determination of Tungsten as a mixed Thiocyanate - Propericiazine Complex."; *Analytical Chemistry*, **58,4**, 827-829. (IF: 3.83)
580. Gowda NMM, Rangappa KS, Mahadevappa DS; "Oxidimetric Determination of Amino acids and their Metal Complexes with Organic Monochloramines."; *Analyst (UK)*, **III**, 1423-1429. (IF: 1.44)

## 1985

581. Mahadevappa DS, Ananda S, Gowda NMM, Rangappa KS; "Oxidation of Methionine by sodium N-Chlorotoluene-*p*-sulphonamide in aqueous solution: a kinetic study." *Journal of the Chemical Society, Perkin Transactions*, **2**, 11, **39-43**. (IF: 0.44)
582. Gowda AT, Gowda AMM, Sankegowda H, Rangappa KS; "Applications of Azure C for the Extractive Spectrophotometric Determination of Microgram Amounts of Penicillin." *J. Pharm. Methods*, **275-280**.
583. Thimmegowda B, Sherigara B, Mahadevappa DS, Rangappa KS; "Kinetics and Mechanism of Chloride-Ion Catalysed Oxidation of Arginine by Chloramine-T." *Indian Journal of Chemistry*, **24A**, **932-935**. (IF: 0.31)
584. Westaway KC, Waszczylo Z, Smith PJ, Rangappa KS; "Large concentration Effects on the Magnitude of Secondary Alpha- Deuterium Kinetic Isotope Effects." *Tetrahedron Letters*, **26**, **25-28**. (IF: 2.06)
585. Smith PJ, Rangappa KS, Westaway KC; "Secondary Alpha-Deuterium Isotope Effects for the E2 Reaction of the 2-Phenyethyl Halides with t-Butoxide ion in t-Butyl Alcohol." *Canadian Journal of Chemistry*, **63**, **100-102**. (IF: 0.82)

## 1984

586. Mahadevappa DS, Ananda S, Murthy ASA, Rangappa KS; "Oxidation of  $\alpha$  Amino acids with Sodium N-Bromobenzene sulphonamide: A Kinetic Study."; *Indian Journal of Chemistry*, **23A**, **17-20**. (IF: 0.31)
587. Mahadevappa DS, Gowda MBM, Ananda S, Rangappa KS; "Kinetics and Mechanism of Oxidation of Dimethyl sulphoxide by Bromamine-T in Aqueous Solution." *Indian Journal of Chemistry*, **23A**, **325-328**. (IF: 0.31)
588. Mahadevappa DS, Ananda S, Gowda MBM, Rangappa KS. "Oxidation of  $\alpha$ -Amino acids with sodium N-bromo-*p*-toluene sulphonamide: A Kinetic Study." *Journal of the Indian Chemical Society*, **61**, **323-328**. (IF: 0.17)
589. Mahadevappa DS, Gowda MBM, Rangappa KS; "Oxidation of Methionine by Sodium N-Chlorobenzene sulphonamide in Aqueous solution: A Kinetic Study."; *Oxidation Communications*, **7**, **167-180**. (IF: 0.11)
590. Mahadevappa DS, Gowda MBM, Rangappa KS, Gowda NMM; "Sodium N-Chlorobenzene sulphonamide as an Analytical reagent: Determination of Amino acids and their Metal Complexes"; *Microchemical Journal*, **30**, **266-279**. (IF: 0.56)
591. Mahadevappa DS, Ananda S, Murthy ASA, Rangappa KS; "Oxidation of Dimethylsulphoxide by Sodium N-bromobenzene sulphonamide: A Kinetic and Mechanistic Study"; *Tetrahedron*, **40**, 10, **1673-1682**. (IF: 1.79)
592. Thimmegowda A, Gowda NMM, Rangappa KS. "Spectrophotometric determination of Saccharin in soft Drinks and Pharmaceuticals." *Analytical Letters*, **17 (B 18)**, **2129-2140**. (IF: 0.83)

## 1983

593. Mahadevappa DS, Rangappa KS, Gowda NMM, Gowda BT; "Kinetic and Mechanistic Studies of Oxidation of Arginine, Histidine and Threonine in Alkaline Medium by chloramine-T."; *International Journal of Chemical Kinetics*, **14**, **1183-1197**. (IF: 0.79)

594. Mahadevappa DS, Rangappa KS, Gowda NMM; "Oxidimetric Determination of Methionine and its Metal Complexes with Chloramine-B and Dichloramine-B."; *Microchemical Journal*, **28**, 235-249. (IF: 0.56)
595. Mahadevappa DS, Rangappa KS, Gowda NMM, Gowda BT; "N, N-Dibromobenzene sulphonamide as an Analytical Reagent: Determination of Thiocyanate and Cyanide Ions in Metal Complexes and Salts and Thiosemicarbazide Alone and in its Metal Complexes "; *Microchemical Journal*, **28**, 314-324. (IF: 0.56)
596. Mahadevappa DS, Rangappa KS, Gowda NMM, Gowda GT; "Kinetics and Mechanism of Chloramine-T Oxidation of Arginine in perchloric and Sulphuric Acid Media." *Indian Journal of Chemistry*, **22A**, 631-634. (IF: 0.31)
597. Mahadevappa DS, Ananda S, Murthy ASA, Rangappa KS; "Kinetics of Oxidation of  $\alpha$ -Amino acids by Sodium N-bromo-benzene- Sulphonamide." *Reaction Kinetics and Catalysis Letters*, **23**, 1-2, 181-186. (IF: 0.51)

## 1982

598. Mahadevappa DS, Rangappa KS, Gowda GT, Gowda NMM; "Some Analytical Applications of Aromatic Sulfonyl Haloamines: Determination of Thiosemicarbazide Alone and its metal complexes with Bromamine-B and Dichloramine-B." *Microchemical Journal*, **27**, 254-264. (IF: 0.56)

## 1981

599. Mahadevappa DS, Rangappa KS, Gowda NMM; "Sodium N Chlorobenzenesulphonamide (Chloramine-B) as an Analytical Reagent: Estimation of thiosemicarbazide Alone and in its Metal Complexes."; *Indian Journal of Chemistry*, **20A**, 1, 102-104. (IF: 0.31)
600. Mahadevappa DS, Rangappa KS, Gowda NMM; "Kinetic and Mechanistic Studies of Oxidation of Arginine and Histidine by Sodium N-Chloro Methylbenzene- Sulphonamide in Hydrochloric Acid Medium."; *Indian Journal of Chemistry*, **20A**, 263-268. (IF: 0.31)
601. Mahadevappa DS, Rangappa KS, Gowda BT, Gowda NMM; "Some Analytical Applications of Aromatic sulfonyl haloamines: Estimation of indigocarmine by Chloramine-B, Bromamine-T and Dibromamine-T."; *Microchemical Journal*, **26**, 132-140. (IF: 0.56)
602. Rangappa KS, Mahadevappa DS, Gowda NMM, Gowda BT; "Some Analytical Applications of Aromatic Sulfonyl Haloamines: Determination of Thiocyanate and Cyanide Ions in Metal complexes and salts of Thiosemicarbazide in metal complexes with Bromamine-T."; *Microchemical Journal*, **26**, 375-386. (IF: 0.56)
603. Mahadevappa DS, Rangappa KS, Gowda NMM, Gowda BT; "Kinetics and Mechanism of Oxidation of L-threonine in Acid Media by Sodium N-Chloro-p-toluene sulfonamide."; *The Journal of Physical Chemistry*, **85**, 3651-3658. (IF: 2.31)

604. Mahadevappa DS, Rangappa KS, Gowda BT, Gowda NMM; "Some Analytical Applications of Aromatic Sulfonyl Haloamines: Determination of Thiocyanate and Cyanide Ions in Metal Complexes and Salts with Bromamine-B and Dichloramine-B."; ***Microchemical Journal*, 27, 77-86. (IF: 0.56)**

## 1980

605. Mahadevappa DS, Rangappa KS, Gowda NMM; "Kinetic and Mechanistic studies on the oxidation of Arginine and Histidine by chloramine-T in Hydrochloric Acid Medium."; ***Reaction Kinetics and Catalysis Letters*, 15, 1, 13-19. (IF: 0.51)**

**Administrative and Academic activities of  
Prof. K. S. Rangappa after assuming the  
position as Vice-Chancellor of  
Karnataka State Open University and  
University of Mysore  
Manasagangotri,  
Mysore – 570006**



## A: Academic accomplishments

No. of research publications during 2009 to 2015: 150

### Research projects

---

1. “Design, synthesis and targeting of Thiazole Arecoline derivatives as selective, potent and wash resistant M1 receptor agonist for the treatment of Alzheimer’s disease” **BRNS** 30 lakhs (2009-2012).
2. “Protection by new Arecoline derivatives in Alzheimer’s Disease” (**IFCPAR**) **Indo-French** Collaborative Research Project. 65 Lakhs + travel= tuned upto 1 crore (2010-2013).
3. One time research grant from UGC- 7.0 Lakhs (2010-11)
4. “Highly regioselective synthesis of 1, 3, 5 tri aryl/hetero aryl pyrazole and its application as estrogen receptor blocker in the treatment of breast cancer”. **CSIR**. 15 lakhs (2010-2013).
5. “Synthesis and anti-cancer activity of New Bioactive Heterocycles” **DST**. 42 lakhs (2011-2014).
6. “New Bioactive Heterocycles: Synthesis, Characterization and Anti-cancer Activities”. **UGC** 12 lakhs (2011-14).
7. “Synthesis and antimalarial activity of bioactive heterocyclic compounds”. (DST-NRF-RISA). **Indo-South Africa** Collaborative Research Project. 15 lakhs. (2011-2014).
8. “Identification of novel anticancer for chemo preventive agents by synthetic analogues of natural compounds and their molecular mechanism(s) study”. **DST-STRK**. **Indo-Korea** Collaborative Research Project. 22 lakhs. 2011-2014.
9. Development of novel technology for disease prevention and diagnosis in East Africa and India, **International Collaborative Project Between Prof. K. S. Rangappa**, University of Mysore, India, **Prof. NISHIMURA Shin-ichiro**, Hokkaido University, Japan and **H. MICHAEL Amha Kebede**, Ethiopian Health and Nutrition Research Institute, Ethiopia **under (JSPS) Core to Core Program, 2013**.
10. “Development of inhibitors of Heparanase for Cancer Therapy”. (UGC-ISF) **Indo-Israel Joint Research Programme. 26 lakhs. 2016-2018**.

## Academic Activities: Annexure XI

---

1. Participated and Delivered the Lecture on **“Synthesis of Novel Heterocyclic Compounds for Induction of Apoptosis in Human Leukemia Cells”** at International Conference on Current Trends in Chemistry and Biochemistry organized by Chemistry, Central College, Bangalore University at Jnana Jyothi Auditorium, Central College Campus, Bangalore on **18-12-2009**.
2. Participated at the Special Lecture on **“Drug Discovery by Integrating glycol Blotting and Automated Glycan Synthesis”** organized by Department of Studies in Chemistry, University of Mysore, Mysore at Department of Studies in Chemistry, **University of Mysore, Mysore** on **19-12-2009**.
3. Attended the Board of Studies (BOS) Meeting organized by All India Institute of Speech and Hearing, Mysore at AIISH, Mysore on 30-12-2009.
4. Attended BOS Meeting in Organic Chemistry, Dept. of Chemistry, University of Mysore, Manasagangotri, Mysore.
5. Attended Doctoral Committee (DC) for Pre-Thesis submission Colloquium Dept. of Chemistry, University of Mysore, Manasagangotri, Mysore
6. Chaired the Meeting with Experts of the Committee regarding starting P.G Programmes in Science Subjects at Karnataka State Open University, Mysore at BOM Hall, KSOU, Mysore on 31-12-2009.
7. Attended the **Vice-Chancellors of Open Universities Conference** entitled “Open and Distance Learning in India: Challenges and Prospects” organized by Vardhaman Mahaveer Open University, Kota at Jaipur on **4<sup>th</sup> & 5<sup>th</sup> January 2010**.
8. Attended the **Pre-Thesis Colloquium** at Department of Studies in Chemistry, Manasagangotri, Mysore on **07-01-2010**.
9. As a Guide and Chairman attended the **Internal Open Viva Voce Examination to Mr. Manish Malviya** for Ph.D. Degree in Chemistry at Department of Studies, University of Mysore, Mysore on **08-01-2010**.
10. Attended the **14<sup>th</sup> ISCB International Conference (ISCBC – 2010)** on “Chemical Biology for Discovery: Perspectives and Challenges” and delivered a talk on **“Implications of Heterocycles as Chemotherapeutic Agents: Drug Discovery Programme”** organized by Indian Society of Chemists & Biologists, Lucknow at **Central Drug Research Institute, Lucknow** on **16-01-2010**.
11. Attended the **16<sup>th</sup> Meeting of the Research Council** at Conference Room, Indira Gandhi National Open University on **03-02-2010**.
12. Attended as an **External Expert to conduct the Interview for Selection of Project fellow** under DST SERC Scheme organized by Department of Post Graduate Studies in Chemistry, Central College Campus, Ambedkar Veedi, **Bangalore University, Bangalore** on **10-03-2010**.
13. Discussion with Prof. Nishimura (Host Professor) at Hokkaido University, Japan in his Laboratory with the group of researchers regarding the on going DST – JSPS Project.

14. Delivered a special lecture on **17-03-2010** at Community Hall on “Synthesis of Novel Heterocyclic Compounds for Induction of Apoptosis in Human”.
15. Also discussed the future plan of work to be undertaken on the ongoing project with Prof. Nishimura’s group of research workers. Host visit to India again in the month of September 2010 is finalized.
16. On 22-03-2010, visited **MIT (USA) Alliance Research Technology, Singapore and delivered a Special Lecture at NUS Hospital on “Synthesis of Novel Heterocyclic Compounds for Induction of Apoptosis in Human Leukemia Cells** at Level 6, NUH O & G Seminar Room on 23-03-2010 and followed by discussion with various faculties of the University Hospital members with regard to Leukemia Research from **21-03-2010 to 24-03-2010**.
17. Inaugurated and Delivered the Key Note Address at Two Days State Level Seminar on “**Recombinant DNA Technology**” organized by Department of Botany & Zoology, Microbiology, Biotechnology, Biochemistry, St. Philomena’s College, Mysore at College Auditorium, St. Philomena’s College, Mysore on **09-04-2010**.
18. Attended the **11<sup>th</sup> Meeting of the PAC** in Health Sciences organized by Ministry of Science and Technology, Department of Science and Technology, New Delhi at Narayana Nethralaya, Narayana Hrudayalaya Campus, Bommasandra, Hosur Road, Bangalore on **10-04-2010**.
19. Attended as a **Doctoral Committee Member / Guide for the Pre-Thesis Submission Colloquium of Ms. Asha.D** at Department of Chemistry, University of Mysore, Mysore on **15-04-2010**.
20. Participated in the “**State Science and Technology Conference – 2010**” and delivered a Lecture as one of the Speaker’s at Parallel Technical Session : 6 B : Higher Education organized by Karnataka State Council for Science and Technology, Indian Institute of Science, Bangalore and Vision Group for Science and Technology, Department of Science and Technology, Government of Karnataka at J.N. Tata Auditorium, **Indian Institute of Science, Bangalore** on **17-04-2010**.
21. Attended as a **Doctoral Committee Member / Guide** for the Pre-Thesis Submission Colloquium of **Sri. Ramamurthy Bopanna** at Department of Chemistry, University of Mysore, Mysore on **23-04-2010**.
22. **Chief Guest for the UGC Sponsored National Conference on “Advance Trends and Perspectives in Biotechnology – Implications in Agriculture and Industry”** organized by Department of Studies in Biotechnology, PG Wing of SBRR Mahajana First Grade College, Mysore at MTA Auditorium, PBMMPGC, Mysore on 29-04-2010.
23. As a Guide and Chairman attended the Internal Open Viva-Voce Examination to Mr. K Vinaya for Ph.D. Degree in Chemistry on the thesis entitled “Synthesis, Characterization and Pharmacological Evaluation of Novel Substituted Piperidine Derivatives” organized by Department of Studies in Chemistry, University of Mysore, Mysore at Department of Studies in Chemistry, University of Mysore, Mysore on 08-05-2010.
24. Attended the Selection Committee Meeting as a member of the Selection Committee for

- recruitment of one JRF to work in the BRNS Sponsored project on “Design, synthesis and targeting of novel morpholine arecoline bioesters as selective, potent and wash resistant M1 receptor against for treatment of Alzheimer’s disease, at Crawford Hall, University of Mysore, Mysore on 13-05-2010.
25. Participated and delivered a lecture on “Cancer Biology” at “Anatomical Sciences and Cell Biology Conference” in Singapore from 26<sup>th</sup> - 29<sup>th</sup> May 2010 organized by Department of Anatomy, Yong Loo Lin School of Medicine, National University of Singapore, Singapore from 26-05-2010 to 29-05-2010.
  26. Chief Guest for the **Lamp Lighting and Oath Taking Ceremony** of III Batch of GNM and II Batch of B.Sc. (N) of Vikram Institute of Nursing, Mysore at Rani Bahudur Auditorium, Mysore on **01-06-2010**.
  27. Participated in the **National Conference of the Vice-Chancellors on “Open and Conventional Education Systems : Opportunities for ICT – enabled Confluence**, Hosted and Organized by Dr.Babasaheb Ambedkar Open University, Ahmedabad at Hotel Pride, Ahmedabad from **9<sup>th</sup> to 11<sup>th</sup> June 2010**.
  28. Attended as a Guide and Chairman for the Internal Open Viva – Voce Examination to Mr. Ali Saberi for Ph.D. Degree in Chemistry on the thesis entitled “Design, Synthesis, Characterization and Biological Evaluation of Imidazole Derivatives” at Department of Studies in Chemistry, University of Mysore, Mysore on 29-06-2010.
  29. Conducted, as a Guide and Chairman, the Internal Open Viva – Voce Examination to Mr. S.R. Ranganatha for Ph.D. Degree in Chemistry on the thesis entitled “Synthesis, Characterization and Biological Studies of Amino Acid and Peptide Conjugates of Heterocyclic Compounds” at Department of Studies in Chemistry, University of Mysore, Mysore on 10-07-2010.
  30. Participated in the **Two-Day Conference of all the Vice-Chancellors** of Open Universities on the topic “**Initiatives for Seamless Learning in Distance Education**”, organized by Uttarakhand Open University, Haldwani, Nainital (Uttarakhand) at Bhimtal, District Nainital, Uttarakhand and **delivered a talk on the topic “An Integrated ICT Support for ODL and Open Universities & Distance Learning Initiatives” on 12-07-2010 & 13-07-2010**.
  31. As a member of the **Selection Committee for recruitment** of one Project Fellow to work in the UGC sponsored project on “STEREOSELECTIVE SYNTHESIS AND COMPARISON OF PLA. ENZYME INTERACTION WITH CHIRAL ISOXAZOLINES AND SUBSEQUENT B-AMINO ACIDS” at Department of Chemistry, University of Mysore, Mysore on **16-07-2010**.
  32. A project presentation was made as a co-investigator of a collaborative project “**ISOLATION, SYNTHESIS AND EVALUATION OF NOVEL GPR40 AGONISTS: A GPCR TARGET FOR TYPE 2 DIABETES**” at Department of Biotechnology (DBT), Government of India, New Delhi on 04-08-2010.
  33. Participated as a Key Speaker to share rich experience at eINDIA 2010, the sixth edition of India’s largest ICT at Hyderabad International Convention Centre, Hyderabad and delivered a talk on “Education Leaders’ Conclave : Imperatives For Growth in the Knowledge Economy” and

“Assessment, Accreditation & Quality Standards in Higher Education: Technology Leading the Way”  
on 05-08-2010 & 06-08-2010.

34. Attended the Meeting as **Subject Expert / Member of the Selection Committee** of the Post Doctoral Fellowship for SC / ST Candidates for the year 2009 – 2010, at Main Office of the **University Grants Commission, New Delhi** on **21-09-2010**.
35. Attended as a Guide and Chairman for the Internal Open Viva-Voce Examination to Ms. D. Asha on the thesis entitled “Synthesis, Characterization and Biological Studies of Substituted Pyrimidine Derivatives” at Department of Studies in Chemistry, University of Mysore, Mysore
36. Attended the Expert Committee member (External) Meeting for extension of CSIR – Senior Research Fellowship of Mr. D. S Prasanna at Department of Studies in Chemistry, University of Mysore, Mysore on 30-09-2010
37. A brief Presentation was made on Major Research Project Proposal submitted before the expert committee entitled “**New Bioactive heterocycles : Synthesis, Characterization and anti-cancer activities**” for the financial support to the University Grants Commission (UGC) under the scheme of Research Funding Council for Major / Minor Research Project in the office of University Grants Commission, New Delhi on **20-10-2010**.
38. Participated in the **24<sup>th</sup> Asian Association of Open Universities (AAOU)** Annual Conference, a stimulating forum for all those associated with open and distance learning in Asia, particularly academics, administrators and students. The event held from October 26-28, 2010 under the theme “Open Distance Learning towards Building Sustainable Global Learning Communities” at Hanoi, Vietnam. **Participated as Invited Speaker and Chaired the Session** in the said event and presented a paper on “**Impact of ICT in Open Distance Learning**” from **26-10-2010** to **01-11-2010**.
39. Delivered the **Inaugural Address** at the Inaugural Function of Chemical Society (2010 – 11) organized by Chemical Society, Department of Studies in Chemistry, University of Mysore, Mysore at Lecture Hall, Department of Studies in Chemistry, University of Mysore, Mysore on **03-11-2010**.
40. As a member of the **National Organizing Committee** for Pan Commonwealth Forum, participated in the Sixth Pan-Commonwealth Forum (PCF-6) on Open Learning at **Kochi, Kerala** and presented a Paper on “Developing Strategies for successful Science and Technology programmes in Open Universities of Developing Countries” from **24-11-2010** to **26-11-2010**.
41. Attended the 1<sup>st</sup> meeting of Council organized by Karnataka State Council for Higher Education at Council hall of Government Institute of Printing Technology Building, Palace Road, Bangalore on **01-12-2010**.
42. Participated and delivered a talk on Drug discovery programme in the **6<sup>th</sup> International Conference on Structural Biology & Functional Genomics**, organized by Department of Biological Sciences, National University of Singapore, Singapore at Singapore on 07-12-2010 & 08-12-2010.
43. Attended as a **Guide and Chairman for the Internal Open Viva-Voce Examination** to **Mr. Sriramamurthy Boppana** on the thesis entitled “Designing of Novel Inhibitors of Acetylcholineesterase to Alzheimer’s Disease: A Computation Approach” at Department of Studies in

Chemistry, Mysore on **16-12-2010**.

44. **Delivered a talk on Heterocycles as therapeutic agents** at the **29<sup>th</sup> Annual Conference of Indian Council of Chemists at Punjab University, Chandigarh** on **19-12-2010**.
45. Chaired the Advisory Board Meeting of the “**International Symposium on Challenges in Drug Discovery Programme – 2011**” to be organized by Karnataka State Open University, Mysore during February 16 – 17, 2011 on **31-12-2010**.
46. Participated as a **Chief Guest and Delivered the Convocation Address** at the **Eighth Convocation of Swami Vivekananda Yoga Anusandhana Samsthana, Bangalore** at **Prashanti Kutiram, Bangalore** on **12-01-2011**.
47. Attended the **Annual General Body Meeting of the Chemical Research Society of India**, at NISER, Bhubaneswar at 2.00 p.m on **04-02-2011 & 05-02-2011**.
48. As Chief Guest, addressed the **Convocation Address** on the occasion of ‘**Graduation Day-2011**’ of **Kempegowda Institute of Medical Sciences, Bangalore** from 10.30 a.m. at **Kuvempu Kalakshetra, Bangalore** on **12-02-2011**.
49. Inaugurated the “**International Symposium on Challenges in Drug Discovery Programme-2011**” (ISCDDP-2011) at 9.30 a.m. Prof. V. Krishnan, Honorary Professor and Former President, JNCASR, Bangalore, inaugurated the function, Prof. Shin Ichiro Nishimura, Hokkaido University, Japan was the Chief Guest on **16-02-2011**.
50. Attended the **Convocation function at Sri Adichunchanagiri Vidya Samsthegalu, H.D.Kote**, and **delivered the Convocation address** on **22-02-2011**.
51. Attended as **Guide and Chairman for the Internal Open Viva-Voce Examination** to **Mr. D. S. Prasanna** at Department of Chemistry, University of Mysore, Mysore on **24-02-2011**.
52. Presided over the **21<sup>st</sup> History Congress, organized by Department of History, KSOU** at Nalvadi Krishnaraja Wodeyar Auditorium, Mysore. Prof. S. A. Bhari, Hon’ble Vice-Chancellor, Kuvempu University, Shimoga was the Chief Guest; Prof. B. Sheik Ali, Founder of Karnataka History Congress and Former Vice-Chancellor, Mangalore and Goa Universities was the Chief Guest; Prof. S. Chandrashekar, President, Karnataka History Congress was present at the function on **25-02-2011**.
53. Presided over the **Inaugural Function of Rajyamattada Kammata “Prachina Kannada Kavya Vachana, Keerthane Mattu Tatvapadha : Oodhu – Vkyana”** organized by Department of Kannada, KSOU, Mysore and KSOU Prasaranga and Kannada Pusthaka Pradhikara, Bangalore at Thunghabadra Auditorium, Mysore from 10.00 A.M to 12.00 noon. Prof. Lingadevaru Halemane, Director, Rangayana, Mysore Inaugurated the Programme on **16-03-2011**.
54. Participated in the Conference of the Vice-Chancellors of the publicly funded State and Central Universities on the theme “**University and Society : Issues & Challenges**” at Vigyan Bhawan, New Delhi on **25-03-2011**
55. Attended the Meeting of the **Academic Advisory Committee of UGC – SAP (Phase – I)** organized by Department of Chemistry, University of Mysore, Mysore at Department of Chemistry, University of Mysore, Mysore on **28-03-2011**.

56. Presided over the Inaugural Function of **One-Day National Conference on “Information Literacy and Higher Education in Digital Education in Digital Environment”** organized by Department of Studies in Library and Information Science, KSOU, Mysore from 10.00 A.M to 12.30 P.M. Prof.H.A Ranganath, Director, NAAC, Bangalore Inaugurated the function and Prof.Shalini R.Urs, Executive Director, International School of Information Management, University of Mysore, Mysore delivered the Key-note address on **30-03-2011**.
57. Inaugurated the One Day State Level Seminar on Relevance of Ambedkar’s Economic, Political and Social thoughts in Present Scenario organized by Field Marshal K.M. Cariappa College, Madikeri. Dr.B.R. Ambedkar studies & Research Center, KSOU, Mysore & ICSSR (Karnataka Chapter, FMKMC College) at Seminar Hall, FMKMC College, Madikeri on **02-04-2011**.
58. Attended the function and accepted **Dr. Raja Ramanna Senior Scientist Award for the year 2009** instituted by Government of Karnataka at J.N. Auditorium, Indian Institute of Science, Bangalore on 06-04-2011.
59. Presided over the **Inaugural Function of International Conference on Re-Engineering of Management Education** organized by Department of Studies and Research in Commerce and Management, KSOU, Mysore at Cauvery Auditorium, KSOU Campus, Mysore on **08-04-2011**.
60. **Attended the meeting of the Advisory Committee of the UGC – Academic Staff College,** Karnatak University at Syndicate Hall, **Karnatak University, Dharwad** on **17-04-2011**.
61. Participated as **External Examiner of the Board to conduct Viva-Voce Examination for Ms.M. Rani** who has submitted a thesis titled “ Synthesis, Spectral and Biological Studies of Some Bicyclic Thiadiazolines, Thiazolidinones and Monocyclic Piperazine Substituted Piperidin – 4 – One Derivatives” for the award of Ph.D. Degree in Chemistry at Department of Chemistry, Annamalai University, Annamalainagar on **04-05-2011**.
62. Participated as a **External Examiner of the Board to Conduct Public Viva-Voce Examination in respect of Mr.T. Veemaraj**, in the subject matter of the Ph.D. thesis entitled “Dynamics of Adsorption for the Removal of Metal Ions by Low Cost Adsorbents” at Conference Hall, Ayya Nadar Janaki Ammal College, Sivakasi on **05-05-2011**.
63. Attended the **interview for the Project Fellow / JRF under the UGC / CSIR / IFCPAR** sponsored project at DOS in Chemistry, University of Mysore, Mysore on **26-05-2011**.
64. Participated in the Special Session on **“Quality Support Promotion of HRD and Governance in Universities”** at the Second State Level Science & Technology Conference – 2011 organized by Karnataka State Council for Science and Technology, Indian Institute of Science, Bangalore at J.N. Tata Auditorium, Indian Institute of Science, Bangalore on 27-05-2011.
65. **Chaired the High Power Academic Advisory Committee Meeting** at Meeting Hall, KSOU, Mysore on **07-06-2011**.
66. **Chaired the Selection Committee Meeting** for the Personal Interview for the Position of Project Fellow at Department of Law, Karnataka State Open University, Mysore at BOM Hall, KSOU, Mysore on **09-06-2011**.



67. Attended the Pre-Conference Meeting as a Vice-President of the Indian Council of Chemists at Bangkok on 11-06-2011.
68. Participated as a Chief Guest at the International Conference on **“Global Challenges – The Role of Chemistry in giving their Solutions”** at Bangkok on 12-06-2011 and delivered the Key Note Address.
69. Participated at the International Conference on **“Global Challenges – The Role of Chemistry in giving their Solutions”** at Bangkok on 13-06-2011 and Chaired a Session.
70. Participated at the International Conference on **“Global Challenges – The Role of Chemistry in giving their Solutions”** at Bangkok on 14-06-2011.
71. Participated in the One Day National Seminar on **“Reforms in Higher Education and Public Participation”** organized by Karnataka State Higher Education Council, Bangalore at The Atria Hotel, Bangalore on **18-06-2011**.
72. Participated as a **External Examiner for the Ph.D. Viva-Voce Examination of Mr. Sarangdhar Rajendra Janardarn** who has submitted a thesis titled **“SYNTHESIS CHARACTERIZATION AND BIOLOGICAL STUDIES OF NEW NON-STEROIDA ANTI-INFLAMMATORY AND ANTI-CHOLESTEROL PRO-DRUGS”** for the award of Ph.D. Degree in Chemistry at School of Chemical Science, **S.R.T.M. University, Nanded** on **09-07-2011**.
73. Participated in the **World Education Summit 2011** at The Ashok, New Delhi.
74. Interacted in the Distance Education Council Special Session **“Open Universities in the Digital Era”** at World Education Summit 2011.
75. Participated as a Speaker at the Presentation Session: **IT for Education Administration and Governance** at the World Education Summit 2011 at The Ashok, New Delhi on **13-07-2011 & 14-07-2011**.
76. Attended as a **Member for the Doctoral Committee for the Pre-registration Colloquium of Mrs. Chaitanya Lakshmi**, Research Scholar organized at Department of Studies in --Chemistry, University of Mysore, Mysore on **28-07-2011**.
77. Delivered the **Key Note address at the Inaugural Function of International Year of Chemistry – 2011** Science Club Activities and Blood Donation Camp at Government Science College, Bangalore at **Bangalore** on **22-08-2011**.
78. **Inaugurated the Chem-Forum & Science Forum** and delivered a talk on the subject **“Bio-active Materials in Drug Discovery Programme”** organized by Government Science College, Hassan at **Hassan** on **06-09-2011**.
79. Inaugurated & delivered the **Key Note Address at Two Day UGC Sponsored National Conference on Recent Trends in Chemistry (RTC – 2011)** organized by P.E.S. College of Science, Arts & Commerce, Mandya in association with Karnataka State Open University, Mysore at **Mandya** on **16-09-2011**.
80. Delivered the **Introductory Speech at the Inaugural Function of the Three-day International Conference on “Open and Distance Learning in Global Environment: Issues and**

**Challenges”** organized by Karnataka State Open University, Mysore at Senate Bhavan, Mysore on **21-09-2011**. **His Excellency Sri Hansraj Bhardwaj, Governor of Karnataka and The Chancellor of KSOU presided over the function. Prof.V.N.Rajasekharan Pillai Vice-Chancellor, IGNOU, New Delhi delivered the Inaugural address.** Sir John Daniel, President and Chief Executive Officer, Commonwealth of Learning (COL), Canada delivered the Key-note address. Mrs. Stamenka Uvali Trumbic, Commonwealth of Learning, Canada released the Souvenir.

81. **Presided over the Valedictory Function of the Three-day International Conference** on “Open and Distance Learning in Global Environment : Issues and Challenges” organized by Karnataka State Open University, Mysore at Kaveri Auditorium, Mysore on **23-09-2011**. Dr. N. S Rame Gowda, former Vice-Chancellor, was the Chief Guest for the function. Dr. Manoj Soni, Vice-Chancellor, Dr. Babasaheb Ambedkar Open University, Ahmedabad delivered the Valedictory Address at the function.
82. Participated in the **25<sup>th</sup> Asian Association of Open Universities (AAOU) Annual conference** hosted by Wawasan Open University on its beach front campus in **Penang, Malaysia** from **28<sup>th</sup> to 30<sup>th</sup> September 2011**. The theme of the Conference “Transforming Asia through Open Distance Learning” has been selected to focus on the role that ODL and the Open Universities have played in transforming the education and human resource development landscape in Asia over the past several decades and the role it will play in the 21<sup>st</sup> Century.
83. Attended the **Executive Board Meeting on 28 September 2011**, 8.30 am at the Council Chamber, 11th Floor of the Al-Bukhary Building, **Wawasan Open University Main Campus**.
84. Attended the **25th General Body (GB) Meeting** of AAOU held on Wednesday, **28th September 2011**, starting at 11.00 am in the Council Chamber of Wawasan Open University, Penang.
85. **Presented a paper on “Technology innovations in Open Distance Learning” on 29<sup>th</sup> September 2011. Chaired a Plenary Session 4 which is scheduled to be held in Theatre 1 from 9.10 am to 9.50 pm on Friday 30th September.** The speaker is Professor Molly Lee Nyet Ngo Chief of the UNESCO Asia Pacific Regional Bureau for Education, **Bangkok**. The topic of her address is "**Open Distance Learning and Social Transformation**"
86. Participated as a Chief Guest and delivered Keynote address at VGST-VTU sponsored Two Day Faculty Development Programme on “**Recent Trends in Engineering Chemistry – RTEC 2011**” organized by Vidya Vikas Institute of Engineering and Technology, Mysore at Mysore.
87. Visited **Prof. Nishimura’s Laboratory** at Hokkaido University, Hokkaido (Japan) and had a productive discussion on-going collaborative project “**Synthesis. Method development and the biological implications for glycol-conjugate based drug: A New perspective study towards the green Chemistry**” through **DST – JSPS programme between India and Japan** at Hokkaido University, Hokkaido (Japan) from **21-10-2011 to 30-10-2011**.
88. Delivered the **Valedictory Address at National Symposium on “Immunology Today : Recent Developments in Health and Disease”** organized by Department of Studies in Biochemistry, University of Mysore, Mysore at Rani Bahadur Auditorium, B.N. Bahadur Institute of Management Sciences, Mysore on **15-11-2011**.

89. Inaugurated the Forum and Released the “**Manual for II PUC Chemistry**” organized by Pre-University College Chemistry Lecturers Forum, Mandya at Gandhi Bhavan, **Mandya** on **01-12-2011**.
90. Participated as a **Chief Guest and delivered the keynote address at Celebration of International Year of Chemistry-IYC 2011** UGC Sponsored Two Day Special Lecture Programme organized by Department of Studies in Chemistry, Central College Campus, Bangalore University, Bangalore at Seminar Hall, Jnanajyothi Auditorium, **Central College Campus, Bangalore University, Bangalore** on **09-12-2011**.
91. Participated in the **International Conference on New Horizons in Cancer Research : Biology to prevention to therapy from 13<sup>th</sup> to 16<sup>th</sup> December, 2011** at Leela Kempinski Gurgaon, Delhi under the UGC Major Research Project entitled “**New bioactive Heterocycles : Synthesis, Characterization and Anti Cancer activities**” on **16-12-2011**.
92. Had meeting with Prof.K.N. Thimmaiah, St. Jude Children’s Hospital, Metaphis, USA at IACR, Delhi in connection with collaborative research project on **16-12-2011**.
93. Delivered the **Valedictory Address at the National Conference on “Enhancing the Quality of teacher Education By Empowering Teacher Educators”** organized by Institute of Education Trust, Onkarmal Somani College of Education, Mysore at Institute of Education, **Onkarmal Somani College of Education, Mysore** on **20-12-2011**.
94. Participated as a **Guest of Honor at the Valedictory Function of International Year of Chemistry – 2011** organized by **MMK and SDM Mahila Maha Vidyalaya, Mysore** at **Mysore** on **20-12-2011**.
95. **Inaugurated & Delivered the Key Note Address** at UGC Sponsored National Seminar on Emerging Trends in Chemistry with Emphasis on Environment organized by Department of Chemistry & Biochemistry, Vijaya College, Bangalore at Indoor Auditorium, **Vijaya College, Bangalore** on **23-12-2011**.
96. Inaugurated the **Celebration of International Year of Chemistry – 2011** at District Education and Training Institute, **Koodige, Kushalnagar** on **24-12-2011**.
97. Participated and delivered a talk at **XXX Annual Conference of the Indian Council of Chemists** at Department of Chemistry, Osmania University, Hyderabad.
98. Attended the meeting of the **Executive Committee of the Indian Council of Chemists** at Department of Chemistry, Osmania University, Hyderabad on **28-12-2011**.
99. Participated and delivered a technical talk at National Conference on **Recent Advances in Chemical and Environment Sciences (NCRACES – 2011)** on the occasion of International Year of Chemistry – 2011 organized jointly by Department of Basic Sciences – Chemistry, School of Engineering and Technology, **Jain University** & Prof.C.N.Rao Centre for Advances Materials Research, Department of Physics, Tumkur University at School of Graduate Studies, Sri Bhagwan Mahaveer Jain College, Bangalore on **29-12-2011**.
100. Attended as a **Guide for the pre-registration colloquium** of **Ms. Roopashree. R** for the registration of Ph.D. degree in Chemistry at BOS Room, Department of Studies in Chemistry,

University of Mysore, Mysore

101. Participated as a **Chief Guest at the Special Lecture “Click Chemistry”** organized by Department of Studies in Chemistry, University of Mysore, Mysore at Department of Studies in Chemistry, University of Mysore, Mysore on **04-01-2012**
102. **Participated in the INDO-US Seminar cum Workshop on “Malaria Research Training”** organized by Indo US MRT – 2012 at JNCASR, Bangalore on 17-01-2012.
103. **Delivered the Valedictory Address at the Valedictory Function of DST-Inspire Internship Science Camp** Organized by School of Natural Science, Division of Biological Sciences, Bangalore University, Bangalore at Prof. K. Venkatagirigowda Auditorium, Bangalore University, Bangalore from 3.30 P.M to 6.00 P.M on 22-01-2012.
104. Attended the Editorial Board of Proceedings of **Indian National Science Academy (INSA) at Indian National Science Academy (INSA), New Delhi** from 2.30 P.M. to 5.30 P.M. on 30-01-2012.
105. Had discussion with **Dr. Gautam Sethi** regarding ongoing project between University of Mysore and National University of Singapore. Also, had discussion with **Prof. George Yip**, Department of Anatomy, Medical Science, **Prof. Suresh**, Department of Chemistry, National University of Singapore and **Prof. Manjunath. R. Kini**, Department of Biological Science, National University of Singapore regarding research collaboration on **09-02-2012 to 11-02-2012**.
106. Presided over the Inaugural Function of **Three Days Faculty Development programme for UG Teachers in the Subject Biotechnology** from 15 – 17 February 2012 organized by Karnataka State Open University, Mysore and Vision Group on Science & Technology, Bangalore in collaboration with Pooja Bhagavat Memorial Mahajana PG Centre, Mysore at KSOU, Mysore on **15-02-2012**.
107. Attended the Meeting of the **Board of Appointment (BOA) in Chemistry** for appointment under Backlog vacancies at University Constituent College, Dharwad at 12.00 NOON in the Syndicate Hall, **Karnatak University, Dharwad**. On 17-02-2012.
108. **Participated in the SRF interview of Mr. T.R. Swaroop** at Department of Studies in Chemistry, University of Mysore, Mysore from 9.30 A.M to 10.00 A.M. On 18-02-2012.
109. Received the **Amity Academic Excellence Award** at International Business Horizon – INBUSH 2012 organized by Amity University, Noida, at Noida from 11.00 A.M to 12.45 P.M. on 23-02-2012.
110. Inspected as a **Chairman of the Peer Team of NAAC** to review the performance of UGC – Academic Staff College, **Kannur University**, P.O. Kannur University Campus, Kannur, Kerala from 27-02-2012 to 29-02-2012.
111. Presided over the **Valedictory Function the First Inter Study Centers of National Service Scheme (NSS) Special Camp** at Kaveri Auditorium, KSOU, Mysore on **02-03-2012**.
112. Presided over the **Foundation Stone Laying of Administrative Building and Release of Mysoru Darshana Volumes at Kaveri Auditorium**, Mysore on 03-03-2012.
113. **Inauguration of MPMRT, Medicine & NEPHROLOGY UPDATE – 2012** organized by Department of Medicine MMC & RI, Mysore at Platinum Jubilee Auditorium, Mysore on **10-03-2012**.

114. Presided over the Inauguration Function of **English Teaching Training Camp** organized by KSOU Competitive Exam Training Centre, Mysore at Thunghabhadra Auditorium, Mysore on 12-03-2012.
115. Participated as a Chief Guest and delivered the **Key Note address at the 3<sup>rd</sup> National Conference on Emerging Trends in Materials for Advanced Technology (NETMAT)** organized by KVG College of Engineering, Sullia at Conference Hall, KVGCE, Sullia on **20-03.2012**.
116. Participated as a Chief Guest for the Inaugural Function and delivered **Key Note Address in Faculty Development Programme on “Recent Advances in Applied Chemistry and Nano Technology”** organized by J.S.S. Academy of Technical Education (JSSATE), Bangalore at JSSATE, Bangalore on **26-03-2012**.
117. Presided over the **Kruthi Bidugade, Upanyasa Haagu Nataka Pradarshana on the eve of Vishwa Rangabhoomi Dinacharane Prauktha Vishesha Samarambha** organized by Prasaraanga, Karnataka State Open University, Mysore at Kaveri Auditorium, KSOU Campus, Mysore on **27-03-2012**.
118. As a Guide attended the **Assessment Committee Meeting** for SRF Assessment of Mr. Raghava.B working at DOS in Chemistry, University of Mysore, Mysore.
119. Delivered the **Inaugural Address at the Faculty Development Programme – Management teacher 2015: New Age Teacher** organized by Association of Indian Management Schools (AIMS) at Bangalore on 20-04-2012.
120. Inaugurated and delivered the **key note address at the Inaugural Function of Two Day National Conference on Impact of Chemical Biology on society (NCICBS – 2012)** organized by Department of Industrial Chemistry, Kuvempu University, Shimoga at Shimoga on 26-04-2012.
121. Participated in the Selection Committee Meeting of (i) One Project Fellow and One JRF to work in the DST sponsored project (ii) One Project Fellow to work in the DST sponsored Indo – Korea Project at Department of Chemistry, University of Mysore, Mysore on 04-05-2012.
122. Presided over the **25 Book Release Function** organized by Prasaraanga, KSOU, Mysore at Kaveri Auditorium, KSOU, Mysore from 11.00 A.M to 12.30 P.M. Prof.G.S. Siddalingaiah, Former Kannada Professor and President, Kannada Sahitya Parishath, Mysore released the books on 11-05-2012.
123. Delivered a talk on **Anticancer activity of sugar mimetic small molecules** at Seoul National University, Korea and Visited World Class Institute at Cosang, Seoul – KRIBB (Korean Institute of Bioscience & Biotechnology) from **23-05-2012 to 25-05-2012**.
124. Participated as a **Selection Committee member of the Dr. D. C. Pavate Memorial Visiting Fellowship** in Cambridge University at the Syndicate Hall, Karnatak University, Dharwad on 05-06-2012.
125. Delivered the **Valedictory Address at the Valedictory Function of National Seminar on Applications of Isotope and Radiation Technology for social Benefits** organized by Department of Environmental Science, Bangalore at Dr. K. Venkatagiri Gowda Auditorium, Bangalore on 23-06-

2012.

126. Participated in the **13<sup>th</sup> Tetrahedron Symposium on Challenges in Bioorganic & Organic Medicinal Chemistry** at Amsterdam, The Netherlands. Also presented a paper on "**Anti-tumor activity of a novel HS-mimetic-vascular endothelial growth factor binding small molecule**". Had discussion regarding Indo-French collaborative Research Project No: 4303-1 entitled "**Protection by new Arecoline derivatives in Alzheimer's disease**", with our French collaborator **Dr. Tangui Maurice** and also visited his laboratory at **Inserm U710, Montpellier, France** to discuss the details of the project and further plans. Delivered a Lecture at University of Montpellier, Montpellier. Visited Pasture Institute at Paris and had discussion regarding future collaboration from **27-06-2012 to 04-07-2012**.
127. Participated as a **Chief Guest at the Oath Taking and Inaugural Ceremony - Students' Council 2012-2013** organized by Sri Ramakrishna Vidyashala, Mysore at Vidyashala Auditorium, Mysore on **11-07-2012**.
128. Distributed the **Certificates at 38<sup>th</sup> Padividhan Samarambh** organized by Kannada Hindi Prachar Samiti, Bangalore at Bangalore on **14-07-2012**.
129. Presided over the **One day State level Workshop on "Technology and Intellectual Property Rights"** organized by Department of Studies and Research in Law, Karnataka State Open University, Mysore on **15-07-2012**.
130. Attended as a Member and Guide at the Pre-Ph.D Thesis Colloquium to Sri.B. Raghava in the Conference Hall, DOS in Chemistry, University of Mysore from 3.30 P.M to 4.00 P.M.
131. Attended the Pre-registration Colloquium of Ms. Ashwini.N and Mr. Sharath Kumar.K.S Research Scholar at DOS in Chemistry, University of Mysore, Mysore on 20-07-2012.
132. Participated as a **Chief Guest at the Valedictory Function of ten-day refresher course with hands-on-training in modern Molecular Anthropological techniques and Bioinformatics** organized by International School of Anthropology (iSA) at Mysore on 27-07-2012.
133. Participated as a **Chief Guest at Launching of 1 Year Diploma Course in Theatre** in Collaboration with KSOU, Mysore organized by Vijayanagara Bimba, Bangalore at Kannada Sahitya Parishath Auditorium, Bangalore on 30-07-2012.
134. Presided over the **Release of Subject Encyclopedia on Education: Volume – 1** Laying Foundation Stone for Vigyan Bhavan and Release of Prospectus & C.D. at Kaveri Hall, KSOU, Mysore on 07-08-2012.
135. Participated as a Chief Guest and released the Gandhi book "**Bahuroopi**" at "Quit India Movement – A memory" and Distribution of Sardar Venkataramaiah & Narasimha Dabade Endowment Awards Ceremony organized by Gandhi Bhavan, Bangalore at Gandhi Bhavan Bangalore on **09-08-2012**.
136. Inaugurated and delivered the Key Note Address at the Inauguration of "**Open Lecture Series on Science**" organized by Karnataka Science and Technology Academy in association with Maharani's Science College for Women, Mysore at T.V. Hall, Maharani's Science College for

Women, Mysore on **13-08-2012**.

137. Presided over the Inauguration of Mahatma Gandhivana Park and Water Tank at KSOU premise, KSOU, Mysore from 10.30 A.M to 12.30 P.M. in presence of His Holiness Sri Sri Sri Shivarathri Deshikendra Swamiji, Dr.K. Narayanagowda inaugurated the Water Tank. Dr. Ho Srinivasaiah, President, Gandhi Smaraka Nidhi, Bangalore inaugurated the Mahathma Gandhivana on 25-08-2012.
138. Presided over the Inaugural Function of **Halegannada, Nadugannada Kavya : Rasagrahana** organized by Kannada Abhivrudhi Pradhikara, Bangalore and KSOU Competitive Examination Training Centre, Mysore at Kaveri Auditorium, KSOU, Mysore on **01-09-2012**.
139. Presided over the **One Day State Level Workshop on “Corporate Crime – A Legal Challenge”** organized by Department of Studies and Research in Law, KSOU, Mysore at Kaveri Auditorium, KSOU, Mysore on **02-09-2012**.
140. Participated as Chief Guest at the **Induction Programme 2012** organized by ATME College of Engineering, Mysore at ATME College Campus, Mysore from on **03-09-2012**.
141. Presided over the One Day State Level Seminar about **“Working Women’s Stress, Health and Education”** organized by Department of Education, Karnataka State Open University, Mysore at Kaveri Auditorium, KSOU Campus, Mysore from 11.00 A.M to 12.30 P.M
142. Attended as a **member of the Selection Committee for the recruitment of One Project Fellow** to work in UGC Sponsored Major Research Project Entitled “Synthesis Characterization and Biological Evaluation of Sugar memetic compounds as anti-invasive agents” organized by Department of Chemistry, Bangalore at Department of Chemistry, Central College Campus, Bangalore on **05-09-2012**.
143. Delivered the Lecture at **“Postgraduate Science Special Lecture Series Programme”** jointly organized by Karnataka Science and Technology Academy, Government of Karnataka and University of Mysore, Mysore at DOS in Chemistry, University of Mysore, Mysore on **07-09-2012**.
144. Participated as a Chief Guest at the Seminar on **Effective treatment & Management Strategies for Alzheimer’s disease** on the eve of Alzheimer’s Day organized by Sarada Vilas College of Pharmacy, Mysore at Prof. Chinna Swamy Setty Conference Hall, Sarada Vilas College of Pharmacy, Mysore on **21-09-2012**.
145. Attended the Mid-term Review Committee meeting as a Principal Investigator to evaluate the progress of the work done in the UGC Major Research Project at **University Grants Commission, New Delhi** on **25-10-2012**.
146. As a member & Co-investigator, attended the **Selection Committee meeting** to select the suitable candidate for **Major Research Project granted by UGC** entitled **“Efficient and convenient synthesis of Pyrazole, benzimidazole derivatives : Biological studies”** at Yuvaraja’s College, University of Mysore, Mysore on **05-11-2012**.
147. Attended the **Mid-term review of IFCPAR project** to present the progress of my Project work which is carried out after 1 ½ years at the **Scientific Council Meeting** at Hotel Taj Residency, **Aurangabad** on **17-11-2012**.



148. Presided over the **DBT Sponsored Two – Days National Conference on “Emerging Trends in Ayurveda and Herbal Drug Technology”** organized by **Teresian College, Mysore** at Golden Jubilee Auditorium, Teresian College, Mysore on **22-11-2012**.
149. Inaugurated Committee for development of science in schools organized by **DST sponsored INSPIRE internship science camp** on 17-01-2013.
150. Participated in the workshop organized by **Department of IT/BT** at Bangalore on 23-01-2013.
151. Attended **One day National conference Centre for social exclusive and inclusive policy** on 30-01-2013.
152. Presiding address at **National science day celebration** on 28-02-2013 at Senate Bhavan.
153. Inaugural Address at **National Seminar on Healthy Life Style** organized by Arogyabharathi and department of Ayush, Government of Karnataka on 6-04-2013 at Jaganmohana palace.
154. Inaugural address at **National Conference on Assessment practices in schools** on 15-05-2013 at Regional Institute of Education, Mysore.
155. Valedictory address at Annual activities 2012-2013 of **Association of Microbiologists of India, Mysore Chapter** on 20-05-2013.
156. Inaugural Address at **“Add on course in communicative English”** organized by **Center for Proficiency Development and Placement Services (CPDPS) MGM**, on 10-06-2013.
157. Inaugurated **SAP workshop** at KIKS on 28-6-2013.
158. Attended as **Chief Guest for Doctor’s Day** organized by Indian medical Association Mysore Branch on 1-7-2013.
159. Inaugural Address at **12<sup>th</sup> Annual day celebration of Mysore Librarians information scientists association (MYLISA’s)** on 20-07-2013.
160. Inaugural address at **Telescope Facility** organized by Department of Studies in Physics, University of Mysore on 01-08-2013.
161. Inaugural address at **Inclusive Higher Education and Marginalized Selections: Dynamics and Discovers** organized by Center for Study of Social Exclusion and Inclusive Policy, University of Mysore MGM, on 1-8-2013.
162. Inaugural address at **Teachers training programme** organized by Sri Chamarajendra zoological gardens Mysore, on 26-08-2013.
163. Keynote address at State level Seminar on **Green Chemistry-Safer Materials for a Safer World** organized by Sri Mahadeswara government first grade college, Kollegal, on 28-08- 2013.
164. Presided the **Teachers Day Celebration** organized by the University of Mysore on 5-9-2013.
165. Visited **Seoul National University, Korea** and delivered a talk on “Medicinal Chemistry of Novel Heterocyclic small molecules and their implication in prevention of Alzheimer’s Disease and Cancer” at Seoul National University, Korea from **31-10-2013** to **08-11-2013**.
166. Presided the **National Education Day Celebration** organized by the University of Mysore on 11-11-2013.
167. Attended the **Mid-term review of IFCPAR project** to present the progress of my Project work

which is carried out after 2 ½ years at the **Scientific Council Meeting** at Hotel Heritage, **Madurai on 18-11-2013.**

168. Presided **Two Days' Workshop of Principals on Higher Education** on 07-12-2013.
169. Chaired **Mallikarjunaswamy Endowment Lecture** and Presided **International Conference on Digital Libraries** at Bangalore on 09-12-2014.
170. Inaugurated International conference and **DST-Inspire Programme** on 16-12-2013.
171. Inaugurated **National Symposium of DoS in Zoology** at BIMS and **Land Launched University of Mysore Genome Genetics Centres** on 03-01-2014.
172. Presided the **International Symposium on Chemical Biology-Drug Discovery Programme 2014 as patron organized by University of Mysore** on 09-01-2014.
173. Attended **Convocation Ceremony** at **MES Institute**, Bangalore on 10-02-2014.
174. Chaired **Advisory Committee Meeting of Academic Staff College**, University of Mysore on 14-02-2014.
175. Presided **National Science Day Lecture** at University of Mysore on 28-02-2014.
176. Chaired Special Lecture delivered by **Dr. T. Chandrashekar, Secretary, Science Engineering Research Board**, New Delhi.
177. Attended the **International Conference at Huanghuai University, China** from, 21-04-2014 to 26-04-2014.
178. Attended **Indian Science Congress Association Executive Committee** at Kolkata on 02-05-2014 to 03-05-2014.
179. Visited **Hokkaido University and Ritsumeikan University at Japan in connection with the collaborative project and Signing of MoU** on 15-05-2014 to 22-05-2014.
180. Inaugurated **World Environmental Day at Department of Environmental Science** on 05-06-2014.
181. Attended **Research Council Meeting of CSIR-NETST** at Jorhat, Assam on 21-07-2014 to 23-07-2014.
182. Attended **Research Council Meeting of CSIR-NETST** at Jorhat, Assam on 21-07-2014 to 23-07-2014.
183. Delivered **Dr. D. C. Pavate Memorial Lecture at Karnatak University**, Dharwad on 06-08-2014.
184. Participated in the **First Cambridge English India Partnership Summit** on 18-09-2014.
185. Visited **Vagdevi University of Advanced Science and Technology** at Bangalore on 19-10-2014.
186. Research Meeting with **Prof. Gautam Sethi, Department of Biochemistry and Molecular Biology, Singapore** on 28-10-2014.
187. Hosted **South Asia Anglia Partnership Conference** on 18-11-2014 to 19-11-2014.
188. Inaugurated **International Conference at Institute of Development Studies** on 21-11-2014.
189. Attended 102<sup>nd</sup> **Indian Science Congress Session at Mumbai** on 02-01-2015 to 05-01-2015.

190. Attended **Karnataka Jnana Aayoga Meeting and Annual Meeting of ISEC Society** at Bangalore on 08-01-2015.
191. Chaired **International Conference of Chemical Biology Meeting** on 18-02-2015.
192. Attended the **Viva Voce examination at Debrugergh University**, Assam on 19-05-2015.
193. Attended **International Conference at Anglia Ruskin University** and Two days **workshop at Cambridge University** from 01-06-2015 to 06-06-2015.
194. Attended the **2<sup>nd</sup> International Festival of Science, Technology, Engineering and Mathematics at Saskatoon, Canada** from 27-09-2015 to 20-09-2015.
195. Chaired the **Nobel Laureatte Lecture in connection with University Centenary Celebrations** on 11-12-2015.
196. Chaired the **Nobel Laureatte Lecture in connection with University Centenary Celebrations** on 14-12-2015.
197. Presided the **Global Media Conferennce** on 28-01-2016.

## **B. Administrative Works: Annexure II**

1. Presided over the function of “**Dr. B. R Ambedkar Awara 53<sup>rd</sup> Mahaparinirvahanda Dinacharane**” organized by Dr. B. R Ambedkar Chair, KSOU at Thungabhadra Auditorium, KSOU Campus on **23-12-2009**.
2. Attended the Board of Studies (BOS) Meeting organized by All India Institute of Speech and Hearing, Mysore at AIISH, Mysore.
3. **Presided over the Valedictory Function of Political Science Teachers XI State Conference organized by Department of Political Science, KSOU, Mysore and Department of Political Science and Dr. B. R Ambedkar Research Centre, University of Mysore, Mysore at Senate Hall, University of Mysore, Mysore on 30-12-2009.**
4. Chaired the Meeting with Dean (Academic), Registrar and Teaching Faculties of their respective Departments regarding progress of Academic work at their respective Departments on **01-01-2010**.
5. Presided over the **Inauguration of Prospectus and Study Material Release Function of Certificate Courses in Agricultural Sciences** in collaboration with University of Agricultural Sciences, Bangalore and Karnataka State Open University, Mysore at Thungabhadra Auditorium, KSOU Campus, Mysore from 11.00 a.m to 1.00 p.m. Prof. P. Chengappa, Vice-Chancellor, University of Agricultural Sciences, Bangalore Inaugurated and Released the Prospectus and Chief Guest for the function were Dr. R.L.M Patil, Board of Management Member, KSOU and Smt. Sudha Paneesh, Board of Management Member, KSOU on **10-02-2010**.
6. Attended the meeting regarding to discuss about the Release of Plan grant under the Head Assistance to IGNOU for State Open Universities during the financial year 2009-2010 at **Conference Hall, MHRD, New Delhi** from on **15-01-2010**.

7. Attended the meeting regarding the **National Commission for Higher Education and Research Bill 2010** organized by National Assessment and Accreditation Council, Bangalore at **NLSIU Campus, Nagarbhavi, Bangalore** on **15-02-2010**.
8. Participated in the Sir John Daniel, President, **Commonwealth of Learning (COL)** talk on initiatives of Commonwealth of Learning organized by **National Assessment and Accreditation Council, Bangalore at Bangalore** on **19-02-2010**.
9. **Attended the** Sixth Meeting of the Advisory Committee of Distance Education Programme – **Sarva Shiksha Abhiyan (DEP – SSA) at Board Room**, Indira Gandhi National Open University, New Delhi on **30-03-2010**.
10. Presided over the Special Lecture and Felicitation to S.C/S.T Ph.D Degree Holders on the eve of **Dr.B.R. Amedbkar's 119<sup>th</sup> Birth Centenary** organized by **Dr.B.R Ambedkar Peeta, Karnataka State Open University**, Mysore at Thunghabhadra Auditorium, KSOU Campus, Mysore from 4.00 p.m to 6.30 p.m.
11. **Sri. Veeryasheela Bhantaje** inaugurated the programme and Prof. Ravivermakumar, Senior Advocate, High Court, Bangalore delivered the Special Lecture. Sri. Marthibbegowda, M.L.C and Board of Management Member, KSOU, Mysore was the Chief Guest on **16-04-2010**.
12. Attended the **Selection Committee Meeting as a member** of the Selection Committees for the posts of Registrar (MPDD), Registrar (SED) & Registrar (SRD) organized by **Indira Gandhi National Open University (IGNOU), New Delhi at Board Room, Block – 8, IGNOU Campus, New Delhi** on **19-04-2010**.
13. **Inaugurated the Lecture on “Dr. Ambedkar Mattu Bharatha Samvidhana” on the eve of Dr.B.R. Amedbkar's 119<sup>th</sup> Birth Centenary** organized by **Information and Technology Department (CIST)**, University of Mysore, Mysore at CIST Building, Manasagangotri, Mysore on **30-04-2010**.
14. Participated in the **Dedication of NAAC Campus in the service of Higher Education**, organized by National Assessment and Accreditation Council (NAAC), Bangalore at **NAAC Campus, Bangalore** on **01-05-2010**.
15. Attended the **Selection Committee Meeting as a member** of the Selection Committee for the post of Chief Project Officer organized by Indira Gandhi National Open University (IGNOU), New Delhi at Board Room, Block – 8, **IGNOU Campus, New Delhi** on **20-05-2010**.
16. As a Chairman of the Inspection Committee, **visited U21 Global Corporate Office at Singapore** on **26-05-2010 for inspection of the Corporate Office for Executive MBA Programme in collaboration with KSOU and U21 Global**.
17. Presided over the Valedictory function of **Rajya Mattada Kamatta “Madhyakalina Kannada Kavya Mattu Shastra Kruthigalu : Oodu – Vykhana”** organized by Department of Kannada, KSOU, Mysore at Thunghabhadra Auditorium, KSOU, Mysore from 4.00 p.m to 4.45 p.m. Prof.H.J. Lakkappagowda, Former Vice-Chancellor, Kannada University, Hampi delivered the Valedictory Address on **23-06-2010**.
18. Attended as a Member of the Search Committee **for Selection of Vice-Chancellor, Gulbarga**

**University, Gulbarga at Committee Room No: 253, II Floor, M.S. Building, Bangalore on 30-06-2010.**

19. Presided over the 2010-2011 **KSOU Prospectus Release Function and Inauguration of Ex-Vice-Chancellors'** Portrait at Thungabhadra Auditorium, KSOU, Mysore, from 12.30 p.m. to 2.30 p.m. Prof.C. Anjanamurthy, Ex-Vice-Chancellor, Karnataka State Open University Inaugurated and Released the 2010-2011 KSOU Prospectus and Unveiled the Ex-Vice-Chancellors Photos. Smt. Sudha Paneesh, Board Member, KSOU, Prof.Jagadeesha, Dean (Academic), KSOU, Prof.R. Somappa, Registrar (Evaluation), KSOU and Smt.G.Nagamani, Finance Officer, KSOU were the Chief Guests for the function on 13-08-2010.
20. As a **Chairperson of the Visiting Committee** nominated by the Chairman, Distance Education Council (DEC), New Delhi, visited the Vinayaka Missions University, Salem and evaluated the infrastructure at headquarters, provision for student support services, delivery mechanism, library facilities, faculty / staff, self – instructional nature of study materials and general preparedness to offer programmes through Distance Mode on 17-08-2010.
21. Had discussion with **Sri B.R. Jayaramaraje Urs, Principal Secretary to Government**, Department of Kannada & Culture, Bangalore and with Principal Investigators of the Project regarding utilizing the fund, sanctioned for Kannada works on **15-09-2010**
22. Participated in the One Day discussion Meeting on the theme **“Quality Issues and Challenges for Accreditation”** organized by National Assessment and Accreditation Council (NAAC), Bangalore at **NAAC, Bangalore on 16-09-2010.**
23. Presided over the National Seminar on **“Srikrishnadevaraya”** jointly organized by Department of Studies and Research in Telugu, Karnataka State Open University, Mysore and Dravidian University, Kuppam at Tungabhadra Hall, **KSOU, Mysore on 20-09-2010.**
24. Attended along with the Registrar, the **Meeting with the Principal Secretary to Government, Education Department (Higher Education)**, Government of Karnataka, Bangalore and Vice-Chancellor & Registrar of the University of Mysore to discuss about handing over of the remaining Land from University of Mysore, Mysore to Karnataka State Open University, Mysore, at the office of the Higher Education Council, Government of Karnataka, Bangalore on 27-09-2010.
25. Participated as a **Chief Guest for the Inauguration of Administrative Block and Training Centre Buildings** of VTU Regional Centre, Mysore organized by Visvesvaraya Technological University, Belgaum at **Hanchya Sathgally, Mysore.**
26. **Presided over the** Inauguration of Guest House, Cauvery Auditorium, **e-Resources Information Centre, Launching of Law, Online – MBA & other new programmes at Cauvery Auditorium, KSOU Campus, Mysore on 29-09-2010.**
27. Presided over the **“Samakalina Samajakke Bhaudatatva”** Function on the eve of **“Dr.B.R. Ambedkar Awara 54<sup>th</sup> Varshadha Dharmadeeksha Neenapina Angavaagi Vishesha Upanyasa Mathu Chayachitra Pradarshana”** jointly organized by Dr.B.R. Ambedkar Studies and Research Centre, Karnataka State Open University and Dr. B.R. Ambedkar Research and Extension

- Centre, University of Mysore, Mysore at Thungabhadra Hall, KSOU Campus, on **14-10-2010**.
28. Inaugurated the **New Karnataka State Open University (KSOU) Study Centre at Mysore Central Jail**, Mysore for the benefits of Prisoners who want to seek education on **19-10-2010**.
  29. Chaired the **Selection Committee Meeting** of Temporary Guest Lecturer's Appointment for Kannada, English and Hindi Departments of Karnataka State Open University at Conference Hall, KSOU Campus, Mysore on **13-11-2010**.
  30. Chaired the Selection Committee Meeting of Temporary Guest Lecturer's Appointment for Economics, Computer Science and Information Technology Departments of Karnataka State Open University at Conference Hall, KSOU Campus, Mysore on **14-11-2010**.
  31. Presided over the **Inauguration Function of "Adhunika Kannada Kavya : Oodhu – Vykhana Rajya Mattadha Kammata"** organized by Department of Kannada, Karnataka State Open University, Mysore and Kannada and Culture Department, Bangalore and Kannada Abhivruddhi Pradhikara, Bangalore at Thungabhadra Auditorium, KSOU Campus, Mysore.
  32. Chaired the **Selection Committee Meeting** of Temporary Guest Lecturer's Appointment for Economics, Computer Science and Information Technology Departments of Karnataka State Open University at Conference Hall, KSOU Campus, Mysore **15-11-2010**.
  33. Chaired the Meeting with Registrar (Evaluation), Dean (Academic) and Chairman of concerned Board of Studies (PG & UG) of their respective departments regarding **Board of Appointment of Examiners (BOAE)** to constitute Board of Examiners (BOE) for 2010 at Vice-Chancellor's Chamber, KSOU, Mysore on **19-11-2010**.
  34. **As a member of the National Organizing Committee** for Pan Commonwealth Forum, participated in the Sixth Pan-Commonwealth Forum (PCF-6) on Open Learning at **Kochi, Kerala** and presented a Paper on **"Developing Strategies for successful Science and Technology programmes in Open Universities of Developing Countries"** from **24-11-2010** to **26-11-2010**.
  35. Presided over the **40 Books release function** organized by Department of Kannada Studies and Research, KSOU, Mysore at Kaveri Auditorium, KSOU, Mysore on **30-11-2010**.
  36. Attended the 1<sup>st</sup> meeting of Council organized by **Karnataka State Council for Higher Education** at Council hall of Government Institute of Printing Technology Building, Palace Road, Bangalore on **01-12-2010**.
  37. Inaugurated the Computer Education and Training Programme for KSOU Senior Academic Staff at E-Resource Information Centre, KSOU Library, Mysore.
  38. Chaired the Signing of General Memorandum of Understanding with Karnataka State Open University, Mysore & Virginia Commonwealth University – School of Business, Richmond, USA and followed by Press Conference **04-12-2010**.
  39. Presided over the Inaugural Function of National Conference on "Legal Education in India – Diverse Models" organized by Department of Studies and Research in Law, KSOU, Mysore at Tungabhadra Auditorium, KSOU Campus, Mysore.
  40. Participated as a Guest of Honour at the Valedictory Function of National Conference on "Legal

Education in India – Diverse Models” organized by Department of Studies and Research in Law, KSOU, Mysore at Tungabhadra Auditorium, KSOU Campus, Mysore.

41. **Participated in the Felicitation Programme and Cultural Programme on the eve of Kannada Rajyothsava and Kuvempu Birth Centenary organized by Vijayanagara Samskruthika Samsthe (R), Mysore and Kannada and Cultural Department, Mysore at Nrupthunga Bayalu Ranga Mantapa, Mysore on 11-12-2010.**
42. Presided over the Inauguration Function of **Rashtrakavi Kuvempu Awara 106<sup>th</sup> Jayanthi Prayuktha “Kuvempu Sahitya” Rashtramattada Vichara Sankirana** organized by Department of Kannada Studies and Research, Karnataka State Open University, Mysore and Rashtrakavi Kuvempu Pratisthana, Kuppali at Thungabhadra Auditorium, Mysore.
43. Participated as a Chief Guest for the Valedictory Function of **“VIJNANA VIKASOTSAVA – 2010”** organized by Vidya Vikas Pre-University College & Vidya Vikas Institute of Engineering and Technology, Mysore at VVIET Premises, Mysore on **28-12-2010.**
44. Presided over the **Inauguration of Hostel, Health Centre, Bank Building in the First Floor and Contact Programme Building** in the Second Floor of Cafeteria at Cauvery Auditorium, Mysore from 5.30 p.m to 6.30 p.m.. **Dr. V. S. Acharya, Hon’ble Minister for Higher Education, Planning & Statistics, Government of Karnataka Inaugurated the Programme. Dr. C.N. Manjunath, Professor and Chairman, Department of Cardiology and Director, Sri Jayadeva Cardiac Sciences and Research Centre, Bangalore, was the Chief Guest for the function on 14-01-2011.**
45. Attended the **Consultative Meeting with the Vice-Chancellors of State Open Universities (SOUs), Directors of Directors of Directorate of Educational Institutes (DEIs) and State Secretaries of Higher Education at International Centre, Conference Room No.1, 40 Maxmuller Marg, New Delhi on 26-02-2011.**
46. Attended the **Meeting of all the Vice-Chancellors of State Open Universities** in the Conference Room of Central Secretariat Library, New Delhi under the Chairpersonship of Secretary (HE, MHRD, to discuss about funding State Open Universities (SOUs) for promotion of Open and Distance Learning (ODL) in Higher Education System in the Country through Distance Education Council (DEC) by Ministry of Human Resource Development (MHRD) on **26-07-2011.**
47. As a **Chairperson of the Visiting Committee nominated by the Chairman, Distance Education Council (DEC), New Delhi, visited Teri University, New Delhi** and evaluated the infrastructure at headquarters, provision for student support services, delivery mechanism, library facilities, faculty / staff, nature of self – instructional study materials and general preparedness to offer programmes through Distance Mode on **05-08-2011.**
48. Attended as a Member of the BOA for the selection of suitable candidates for the award of **UGC’s Research Fellowship in Science for meritorious students from the Department of Chemistry, Karnatak University, Dharwad** at Department of Chemistry, Karnatak University, Dharwad on **17-08-2011.**
49. Attended the **South Zone Vice-Chancellors’ Meeting – 2011** organized by University of Mysore,



- Mysore and Association of Indian Universities, New Delhi at Infosys Campus, Mysore on **19-08-2011**.
50. Attended the meeting of the **Vice-Chancellors of the Universities which offer Non-Formal Education Programs** (Correspondence Course, Distance Education, Outreach Program etc.,) in order to frame Guidelines at Karnataka State Higher Education Council, Bangalore on **03-09-2011**. Attended the meeting of the **Vice-Chancellors of the Universities which offer Non-Formal Education Programs** (Correspondence Course, Distance Education, Outreach Program etc.,) in order to frame Guidelines at Karnataka State Higher Education Council, Bangalore on **15-09-2011**.
51. Attended the meeting of the **Vice-Chancellors to discuss the Importance of Karnataka Transparency in Public Procurement Act 1999**, and particularly implementing Section 18 A of the Act to make all tendering through e-procurement at Karnataka State Higher Education Council, Bangalore on **15-09-2011**.
52. Attended the meeting of the **Constitution Committee to frame guidelines for conducting Non-Formal Education Programme** (Out-Reach, Distance Education, Correspondence Education) by the State sponsored Universities in Karnataka at Conference Hall, Karnataka State Higher Education Council, Bangalore on **08-11-2011**.
53. Attended the meeting of all the **State Open University Vice-Chancellors to discuss about the activities of Inter University Consortium (IUC)** and DEC related activities at Conference Room, VC Office, **IGNOU, New Delhi** on **10-12-2011**.
54. Presided over **the walk-in-interview for the post of Guest Lecturer** in Computer Science especially for e-Learning & Networking at BOM Hall, KSOU, Mysore on 16-01-2012.
55. Attended the **Meeting of the Board of Appointment (BOA)** in Chemistry for appointment under Backlog vacancies at University Constituent College, Dharwad at 12.00 NOON in the Syndicate Hall, Karnatak University, Dharwad on **17-02-2012**.
56. Attended the **40<sup>th</sup> Meeting of the Distance Education Council (DEC)** in the Conference Room, Indira Gandhi National Open University (IGNOU), New Delhi on **08-06-2012**.
57. Attended the **40<sup>th</sup> Meeting of the Distance Education Council (DEC)** in the Conference Room, Indira Gandhi National Open University (IGNOU), New Delhi on **08-06-2012**.
58. Attended the **6<sup>th</sup> General Meeting of Karnataka State Higher Education Council**, Bangalore at Vidhana Soudha, Bangalore on **20-06-2012**.
59. Attended **the Round Table Conference of Vice-Chancellors and Educationists** on Propagation of Gandhian Values and Movement against Alcoholism and Drug Abuse organized by Karnataka State Temperance Board / Karnataka Gandhi Smaraka Nidhi at Gandhi Bhavana, Bangalore on **10-09-2012**.
60. Attended the Emergency **meeting (41<sup>st</sup>) of the Distance Education Council (DEC)** at Indira Gandhi National Open University, New Delhi on 14-09-2012.
61. Delivered the **Key Note Address at the 11<sup>th</sup> World Congress & 19<sup>th</sup> Indian Conference on “Reproductive & Child Health”** organized by National Association for Reproductive & Child Health of India (NARCHI), New Delhi at Le Meridian, New-Delhi on **16-09-2012**.
62. Attended the **meeting of Vice-Chancellors of State Open Universities** to discuss about Madhav

- Menon Report at Indira Gandhi National Open University, New Delhi on **18-09-2012**.
63. Participated and delivered a talk in the 26<sup>th</sup> Asian Association of Open Universities (AAOU) Annual conference hosted by The Open University of Japan in Chiba, Japan which took place from **16-10-2012 to 18-10-2012**
  64. Delivered the **Keynote address** at the Inauguration of Diploma Courses organized by **Udayabhanu Kala Sangha, Bangalore** (Academic collaborator of KSOU) at Udayabhanu Kala Sanha, Bangalore on **28-10-2012**.
  65. Presided over the **Foundation Stone Laying function** for the Construction of Hassan Regional Centre at Hassan on **31-10-2012**.
  66. Presided over the **Foundation Stone Laying function** for the Construction of **Academic Bhavan at Mandakalli, Mysore** on **02-11-2012**
  67. Participated as a **Chief Guest** at the concluding function of the **Vigilance Awareness Week** organized by **Mysore Commissionerate, Mysore** at Mysore on **02-11-2012**.
  68. Participated as a **Chief Guest at the Inauguration of Students Hostel** at Mysore organized by **Vokkaligara Sangha, Mysore** on **04-11-2012**.
  69. Chaired the **121<sup>st</sup> Board of Management Meeting** of Karnataka State Open University at Conference Hall, **Karnataka State Council for Science and Technology, Bangalore** on **21-11-2012**.
  70. Presided over the Inauguration of “**UGC-NET Examination Training Camp**” organized by KSOU Competitive Examination Training Centre, KSOU, Mysore at Thunghabhadra Auditorium, **KSOU, Mysore** on **23-11-2012**.
  71. Presided over the Conduction of Third and Final Course pertaining to **Basic English for Prisoners at Central Jail, Mysore** from 1.30 P.M to 2.00 P.M. on **23-11-2012**.
  72. Presided over the Inauguration Function of **National Level Seminar** on “**Kuvempu Sahitya**” organized by Kuvempu Research and Extension Centre, Karnataka State Open University, Mysore at Kaveri Auditorium, **KSOU, Mysore** on **29-12-2012**.
  73. Attended Meeting at **Karnataka Jnana Ayoga** at Bangalore on 21-01-2013.
  74. Inaugurated **Ha. Ma. Na Award Presentation Ceremony** on 05-02-2013.
  75. Inaugural address at opening ceremony of **Horizon College of Business and Technology**, Horizon city campus, kirimandala mawatha, **Colombo, Srilanka**, on 11-02-2013.
  76. Attended **Inaugural discussion Meeting** at New Delhi on 27-04-2013.
  77. Attended National Seminar on **University Rankings at MHRD**, New Delhi on 23-05-2013.
  78. Attended **Governing council meeting of AIU** at new Delhi on 3-6-2013.
  79. Attended **Vice-Chancellor’s meeting** at Davangere on 19-6-2013.
  80. Chaired **Screening Committee Meeting of K-SET** on 21-06-2013.
  81. **Attended Ladies Hostel foundation stone laying ceremony** at Chamarajanagar PG center on 06-07-2013.
  82. Inaugural address at **Foundation day of University of Mysore**, Crawford hall on 27-07-2013.
  83. Chaired **Review Meeting of the Autonomous colleges and PME board** on 30-7-2013.

84. Attended **Higher Education Summit** at Bangalore on 6-9-2013.
85. Attended the **South Asia Vice-Chancellor's Conference** at Anglia Ruskin University, Chelmsford and **Cambridge**, UK from 16-9-2013 to 21-9-2013.
86. Attended the Convocation of Sri Satya Sai Institute of Higher Learning at Prashanthinilayam on 22-11-2013.
87. Visited **Chulalongkorn University at Bangkok**, Thailand to sign MoU with University.
88. Attended **General Body Meeting of ISEC** at Bangalore on 19-12-2013.
89. Attended **9<sup>th</sup> Meeting of Karnataka State Higher Education Council at Bangalore** on 20-12-2013.
90. Presided Convocation of Yuvaraja's College, Mysore on 11-01-2014.
91. Attended BoA Meeting at Satya Sai University at Muddenaghally on 15-02-2014.
92. Chaired RIE Management committee Meeting on 17-02-2014.
93. Attended Inaugral Function at Siddaganga Institute at Tumkur on 21-02-2014.
94. Chaired Institution of Excellence Advisory Committee Meeting on 22-02-2014.
95. Attended the Search Committee Meeting at Bangalore on 03-04-2014.
96. Chaired Moderation and Steering Committee Meeting of K-SET on 11-04-2014.
97. Attended meeting of Centenary Celebrations with Former Vice-Chancellors.
98. Chaired Standing Committee Meeting of SC/ST Cell on 27-05-2014.
99. Chaired Dr. Babu Jagjivan Ram Center for Research and Extension Advisory Committee Meeting on 31-05-2014.
100. Attended BoM Meeting of Satya Sai University at Prasanthinilayam on 07-06-2014.
101. Chaired the Advisory Committee Meeting of Director of Student Welfare on 12-06-2014.
102. Attended the Meeting at Chief Minister's Office, Bangalore on 13-06-2014.
103. Chaired Governing Council Meeting of Bio and Co-ordinators Meeting of Outreach Center on 16-06-2014.
104. Chaired Advisory Committee Meeting of Bahadur Institute of Management Science on 17-06-2014.
105. Attended Higher Education Council Meeting at Bangalore on 30-06-2014.
106. Participated meeting regarding Development of Kukkarahally Lake with the Principal Secretary, Department of Tourism on 05-07-2014.
107. Attended Vice-Chancellor's Meeting at Bangalore on 07-07-2014.
108. Chaired Advisory Committee Meeting of Centenary Celebrations on 10-07-2014.
109. **Attended BoM Meeting of Sathya Sai Institute of Higher Learning at Anantapur Campus** on 19-07-2014.
110. Attended Meetings at **UGC & MHRD at New Delhi** on 24-07-2014 to 26-07-2014.
111. Chaired the **Meeting with Delegates of Ritsumeikan University**, Japan on 08-08-2014.
112. Held Meeting with High Power Committee Members of Indian Science Congress Association on 19-08-2014.
113. Attended **Advisory Committee Meeting of the Academic Staff College at Karnatak University**,

Dharwad on 08-09-2014.

114. Attended the **Meeting of Indian Science Congress Association at University of Mumbai** on 10-10-2014.
115. Attended the BoM Meeting of KSOU on 14-10-2014.
116. Chaired NSS Advisory Committee Meeting on 27-10-2014.
117. Attended the **Expert Committee Meeting of Karnataka Virtual University** at Bangalore on 12-11-2014.
118. Chaired Managing Council Meeting of IBAB at Bangalore on 14-11-2014.
119. Attended **10th e-India Education Summit at Trivandrum** on 15-11-2014.
120. Attended 33rd Convocation of Satya Sai Institute at Prasanthinilayam on 22-11-2014.
121. Attended Higher Education Council Meeting at Bangalore on 01-12-2014.
122. Attended **Karnataka Jnana Aayoga Task Group Meeting at Bangalore** on 05-12-2014.
123. Chaired **State level NSS Co-coordinators** Meeting on 23-12-2014.
124. Attended **Screening Committee Meeting** at Bangalore on 30-12-2014.
125. Attended the **Meeting convened by Chief Minister at Bangalore** on 07-01-2015.
126. Attended **Annual Student Conclave at Pune** on 11-01-2015.
127. Chaired Convocation of Yuvaraja's College, Mysore on 16-01-2015.
128. Discussions with **Delegates of Hokkaido University**, Japan on 29-01-2015.
129. Chaired K-SET Moderation and Steering Committee Meeting on 08-02-2015.
130. Attended Expert committee Meeting at UGC, New Delhi on 16-02-2015.
131. Chaired International Conference Community empowerment in changing world on 27-02-2015.
132. Attended Interaction Meeting with Principal Secretary to Govt., Education Department on 02-03-2015.
133. Participated in the two days workshop of Vice-Chancellors on Exchange & Learn about best practices in Education at Bangalore from 11-03-2015 to 12-03-2015.
134. Attended the South Western Regional Committee Meeting of AICTE at Bangalore on 20-03-2015.
135. Chaired the SAP advisory committee meeting at DOS in Commerce on 28-03-2015.
136. Chaired the Governing Council Meeting of Centre for Human Genetics at Bangalore on 30-03-2015.
137. Presided Inaugural function of new library building and PG departments at PG Centre, Hassan on 01-04-2015.
138. Attended **CEC meeting and University work at UGC**, New Delhi from 08-04-2015 to 10-04-2015.
139. Attended **Statutory meeting of Indian Science Congress Association at Kolkata** on 05-05-2015.
140. Attended **the Legislative Committee Meeting** at Bangalore on 27-05-2015.
141. Attended the Convocation of Mangalore University on 17-06-2015.
142. Attended NSS Advisory Committee meeting and met the Chief Secretary in connection with University Centenary Celebrations on 25-06-2015.

143. Attended **meeting of Ministry of Earth Science at Pune** on 29-06-2015.
144. Attended the **meeting convened by Chief Secretary to Government regarding HE the President of India visit to UOM.**, at Bangalore on 17-07-2015.
145. Attended the **BOM meeting of SSIHL at Anantapur** Campus on 18-07-2015.
146. Visited the **office of President of India**, New Delhi (Meeting with PS to President pertaining to inauguration of Centenary Celebrations) on 21-07-2015.
147. Attended meeting with Principal Secretary to Education Department at Bangalore on 04-08-2015.
148. Attended the meeting convened by UGC on farming New Education Policy at Vignana Bhavan, New Delhi on 11-08-2015.
149. Attended the **Selection Committee meeting at IGNOU, New Delhi** on 17-08-2015.
150. Attended meeting on **Task Force on Education** at Bangalore on 29-08-2015.
151. Presided the **Inauguration of Centenary Lecture Series** at University on 04-09-2015.
152. Attended the meeting at **Karnataka State Higher Education Council**, Bangalore on 07-09-2015.
153. Attended the **STEM FEST at Canada** from 01-10-2015 to 02-10-2015.
154. Chaired the South India Principals Meet at UGC, HRDC in Mysore and attended BOM meeting of KSOU on 05-10-2015.
155. Attended **BRICS Global University Summit at Moscow, Russia** from 26-10-2015 to 28-10-2015.
156. Inaugurated the South Zone Inter-University Hockey Tournament at Mysore on 02-11-2015.
157. Attended the Legislature Committee Meeting at Bangalore on 04-11-2015.
158. Attended the Meeting at Higher Education Department at Bangalore on 06-11-2015.
159. Attended the **NAAC Appeals Committee Meeting** at Bangalore on 13-11-2015.
160. Attended the **DOOP Advisory Committee Meeting** on 19-11-2015.
161. Attended the Board of Management Meeting of Sathya Sai Institute of Higher Education at Puttaparti on 21-11-2015.
162. Attended the Convocation at Sathya Sai Institute of Higher Education at Puttaparti on 22-11-2015.
163. Attended the **STEM FEST Meeting at Bangalore** on 25-11-2015.
164. Attended the Meeting of Task Group on Karnataka Education Policy on 26-11-2015.
165. Chaired the Employees' Welfare Trust Meeting on 02-12-2015.
166. Chaired the Organizing committee meeting of wrestling competition and Kukkarahally tank meeting at DC office on 03-12-2015.
167. Chaired Editorial Committee Meeting of Gandhi Bhavan on 05-12-2015.
168. Attended the Vice-Chancellors' Meeting at KSHEC in Bangalore on 07-12-2015.
169. Attended the Round Table Session on Machine Learning at Bangalore on 08-12-2015.
170. Chaired SC/ST Fellowship Selection Committee Meeting and attended the meeting regarding Bharatavani Project of MHRD on 17-12-2015.
171. Chaired the Finance Committee Meeting and Tender Notification Committee Meetings on 21-12-2015.

172. Chaired Advisory Committee Meeting of University Centenary Celebrations, CPEPA Advisory Committee Meeting and Meeting with Office Bearers of ISCA on 23-12-2015.
173. Inaugurated the **Swachatha Abhiyana Programme** at the campus on 27-12-2015.
174. Attended **the Meeting at KSHCHE Bangalore on preliminary meeting in connection with the visit of the Hon'ble Prime Minister of India** called on HE the Governor of Karnataka at Raj Bhavan, Bangalore on 28-12-2015.
175. Attended the unveiling of Kuvempu Statue Programme at the Campus and Birthday Celebrations of Kuvempu at KIKS on 29-12-2015.
176. Chaired Youth Festival Committee Meeting on 30-12-2015.
177. Presided National Wrestling Championship event on 18-01-2016.
178. Attended SC/ST Legislature Committee Meeting at Bangalore on 25-01-2016.

\

## **Achievements made by Prof. K. S. Rangappa after assuming the position as Vice-Chancellor of University of Mysore**

1. Introducing Entrance Examination for the P G courses in the University of Mysore.
2. Continuation of K-SET Examination.
3. Amendments to the Ph.D regulations 2010 and Online Ph.D Entrance Examination.
4. Initial steps for continuation of E-Governance at faster rates.
5. Frame the statutes for distance education/ promulgate the ordinance for introducing correspondence courses in the UOM.
6. MOU with Chulalongkorn University Bangkok for Faculty, Students and Administrators exchange programme for joint and shared research.
7. University of Mysore recognized for National Council of Science Museum.
8. Introduced 10 security features (I-QR Code, tear resistant, chemical resistant, gold foil stamping etc.,) on the Marks Card/Degree Certificate of University of Mysore.
9. Introducing 5 new PG courses such as Organic Chemistry, Molecular Biology, Genetics & Genomics, Public Administration, and University School of Law at Manasagangothri Campus.
10. Introducing 2 years M.Sc course in Chemical Biology at Vigjnana Bhavan, University of Mysore.
11. Introducing Physical Biology Institute at University of Mysore collaborating with National University of Singapore (NUS).
12. MOU with Hokkaido University Japan for exchange programme under joint and shared research.
13. Hosting 103<sup>rd</sup> Indian Science Congress Association Conference at University of Mysore.
14. Successful Completion of Centenary Year Celebrations of University of Mysore with innovative ideas.
15. Development of Infrastructure in the University Campus.