

CURRICULUM VITAE

Dr. L. MALLESHA
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RESEARCH IDEAS

- A great deal of research in chemistry is devoted to the study of heterocyclic chemistry and its biological applications. It is a vast and expanding area because of the obvious applications of compounds derived from heterocyclic rings in pharmaceutical, agriculture and other fields.

OBJECTIVE

- To upgrade my knowledge and skill regarding the task, and to work for the growth and wealth of the institute. Self-motivated with strong analytical and inter-personal skill, looking for an opportunity to build up a good career.

EDUCATION QUALIFICATION

- **Doctor of Philosophy (Ph.D.) in Chemistry:** Thesis entitled "Synthesis, characterization, crystal structure and biological studies of some organic compounds of pharmaceutical importance" from University of Mysore, Mysore in the year **2011**.
- **Master of Science (M. Sc.) in Chemistry** (61.4 %) from University of Mysore, Mysore in the year **2006**.
- **Bachelor of Science (B. Sc.)** from J.S.S. College of Arts, Commerce and Science, Affiliated to University of Mysore, Mysore in the year **2004**.

RESEARCH/WORK EXPERIENCE

Aug 2011 to till date: Working as **Assistant Professor & HOD in PG department of Chemistry, JSS College of Arts, Commerce and Science, B. N. Road, Mysuru.**

Feb 2011 to May 2011: Worked as a **guest faculty** in Government Engineering College, K. R. Pet, Mandya District, Karnataka.

Oct 2007 to Jan 2011: Worked as **Junior Research Fellow** (UGC-JRF) in Department of Studies in Chemistry, University of Mysore, India for Ph.D. degree under the guidance of **Dr. K. N. Mohana**, University of Mysore, Mysore.

Feb 2007 to Oct 2007: Worked as **Trainee Scientist** in Intermed Labs, Bangalore.

PERSONAL STRENGTHS

- Good communication, teaching, interpersonal and laboratory management skills. Skilled for preparation of scientific manuscripts and conference presentations.

FELLOWSHIP/AWARD

- Awarded Junior Research Fellowship (**RFSMS-JRF**) by University Grants Commission, India (March 2008 to January 2011).
- Awarded with the Young scientists by DST-SERB, New Delhi under fast track scheme and sanctioned sum of Rs. 19.85 Lakhs in the form of project grant for three years for the proposal 'Green synthesis of plant mediated metal nanoparticles and their anti-angiogenic activity' in the year 2015.

LIST OF RESEARCH PUBLICATIONS (Published/Communicated):

1. C.S. Karthik, M.H. Chethana, H.M. Manukumar, A.P. Ananda, S. Sandeep, S. Nagashree, L. Mallesha, P. Mallu, H.S. Jayanth, B.P. Dayananda, Synthesis and characterization of chitosan silver nanoparticle decorated with benzodioxane coupled piperazine as an effective anti-biofilm agent against MRSA: A validation of molecular docking and dynamics, **International Journal of Biological Macromolecules, Elsevier Science Direct, Sept. 2021**, IF=6.95, Scopus (**Accepted**).
2. H.S.NagendraPrasada,A.P.Ananda,T.N.Lohith,P.Prabhuprasad,H.S.Jayanth,N.B.Krishnamurthy,M.A.Sridhar,L.Mallesha,P.Mallu. Design, synthesis, molecular docking and DFT computational insight on the structure of Piperazine sulfynol derivatives as a new antibacterial contender against superbugs MRSA. **Journal of Molecular Structure, ISSN: 0022-2860, Elsevier ScienceDirect, Sept. 2021**, IF=3.2, Scopus, 1247 (**Accepted**).
3. C.S. Karthik, Karthik Kumar, S. Naveen, **L. Mallesha**, P. Mallu, M.V. Deepa Urs, N.K. Lokanath. Thermal, optical, etching, structural studies and theoretical calculations of [1-(2,5-Dichloro-benzenesulfonyl)-piperidin-4-yl]-(2,4-difluoro-phenyl)-methanone oxime. **Journal of Molecular Structure, ISSN: 0022-2860, Elsevier, Science Direct, August 2021**, IF=3.2, Scopus, 1224, 1-14.

4. **L. Mallesha**, Vinay G., and B. Veeresh. Anticonvulsant activity of 2-amino-4-chloro-6-methyl pyrimidine derivatives: Synthesis and characterization. **Research Journal of Chemistry and Environment**. World Researchers Associations, **Scopus**, IF=0.3, 25(8), 1-9, **August 2021**.
5. H.S.NagendraPrasad,A.P.Ananda,S.Najundaswamy,S.Nagashree,**L.Mallesha**,B.P.Dayananda,H.S.Jayanth,P.Mallu. Design, Synthesis and Molecular Docking Studies of Novel Piperazine Metal Complexes as Potential Antibacterial Candidate against MRSA. **Journal of Molecular Structure**, ISSN: 0022-2860, Elsevier ScienceDirect, **May 2021**, IF=3.2, Scopus, 1232, 1-12.
6. **L. Mallesha**, Vinay G., and B. Veeresh. Synthesis and characterization of 4-amino-4H-1,2,4-triazole derivatives: anticonvulsant activity. **Current Chemistry Letters**, **Scopus**, **July 2020**, 9, 33-42.
7. M. V. Santhosh, H. S. Nagendraprasad, S. Nagashree, H. M. Manukumar, **L. Mallesha**, P. Mallu,. Synthesis and characterization of Schiff base analogues of fluoroaniline and their antibiocidal activity against MRSA. **Current Chemistry Letters**, 8, 169-176, **April 2019**.
8. M. V. Santhosh, C. S. Karthik, H. S. Nagendraprasad, **L. Mallesha**, P. Mallu,. Synthesis, Characterization of 4-Nitrobenzamide Derivatives and their Antimicrobial Activity. **International Journal of Pharmacy and Biological Sciences**, **9 (3): 1262-1268, April 2019**.
9. H.S. Nagendra Prasad, H.M.Manukumar, C.S.Karthik, **L.Mallesha**, P.Mallu. A novel copper (II) PAmPiCaT complex (cPAmPiCaTc) as a biologically potent candidate: A contraption evidence against methicillin-resistant **Staphylococcus aureus** (MRSA) and a molecular docking proof. **Bioorganic & Medicinal Chemistry**, **Feb 2019**, Elsevier, ISSN: 0968-0896, IF=2.9, Scopus.
10. M. V. Santhosh, **L. Mallesha** and P. Mallu. InvitroAntimicrobial Activity ofSchiff BasesSynthesized from Pyridinamine Derivative and Aryl Aldehydes. **Journal of Applicable Chemistry**, 8, 124-132, Jan 2019 (**IF=1.29**). UNIV, 62886. ISSN 2278 – 1862. Kaza Kalyani Sekhar.
11. H.S. Nagendra Prasad, C.S. Karthik, H.M. Manukumar, **L. Mallesha**, P. Mallu. New approach to address antibiotic resistance: Miss loading of functional membrane microdomains (FMM) of methicillin-resistant Staphylococcus aureus (MRSA). **Microbial Pathogenesis**, 127 (2019) 106–115, UGC ID: 31144, Nov 2018, (IF:2.33).
12. Hema M. Krishnegowda, Chimatahalli S. Karthik, Manukumar H. Marichannegowda, Karthik Kumara, Pampa J. Kudigana, Mallesha Lingappa, Puttaswamappa Mallu and

- Lokanath K. Neratur. Synthesis and structural studies of 1-phenyl-1,3-butanedione copper(II) complexes as an excellent antimicrobial agent against methicillinresistant *Staphylococcus aureus*. **Inorganica Chimica Acta**, 484, 227-236, UGC ID: 21227, Sept 2018 (IF: 2.26).
13. Vinay G., D. M. Gurudatt, C. mallikarjunaswamy, **L. Mallesha** and B. Veeresh. Synthesis of pyrimidine derivatives and their Anticonvulsant activity. **International Research Journal of Pharmacy**. July 2018, 9(7), 1-5. ICI, 4008. Scopus, ISSN: 2230 – 8407, UGC=7863, Moksha Publishing House (IF=0.30).
 14. N. D.Rekha, **L. Mallesha**, G.Vinay, M. V. Santhosh. Green Synthesis of Gold and Silver Nanoparticles Using Memecylon malabaricum Leaf Extract and Their Anti-Angiogenic Activity. **Advanced Science, Engineering and Medicine**, June 2018, 10, 557-563 (IF=0.9). Scopus, ID:1189. 2164-6635, American Scientific Publishers.
 15. **L. Mallesha**, G.Vinay and N. D.Rekha. Synthesis of metal nanoparticles using *Heliconia rostrata* leaf extract and their antiproliferative and apoptotic property.**Current Chemistry Letters**, 7,65-72, UNIV, 43268. ID: 43268. ISSN 1927-730X (Online) - ISSN 1927-7296 (Print), April 2018, Growing Science.
 16. C. S. Karthik, H. M. Manukumar, S. Sandeep, B. L. Sudarshan, S. Nagashree, **L. Mallesha**, K. P. Rakesh, K. R. Sanjay, P. Mallu and Hua-Li Qin. Development of piperazine-1-carbothioamide chitosan silver nanoparticles (P1C-Tit*CAgNPs) as a promising anti-inflammatory candidate: a molecular docking validation. **Med Chem Comm.**, April 2018, 4;9(4):713-724, **Royal Society of Chemistry**, IF:2.6, UK.
 17. **L. Mallesha**, Vinay G. and B. Veeresh. Anticonvulsant activity of 5-bromo-2,4-dichloropyrimidine derivatives: Synthesis and characterization. **Asian Journal of Research in Chemistry**. 11, April 2018, 282-286. ICI, ID:4008. ISSN: 0974-4150, A&V Publications.
 18. C. S. Karthik, S. Nagashree, **L. Mallesha** and P. Mallu. Synthesis of novel benzodioxane midst piperazine moiety decorated chitosan silver nanoparticle against biohazard pathogens and as potential anti-inflammatory candidate: A molecular docking studies. **International Journal of Biological Macromolecule**, January 2018, 108:489-502, (IF=3.90). WoS & Scopus, 16448. ISSN: 0141-8130, Elsevier.
 19. B.Y. Sathish Kumar, Eram Fathima, M. Chethan Kumar, B. V. Latha and L. Mallesha. Abrus precatorius seed coat: phytochemical screening and antibacterial evaluation. **European Journal of Biomedical and Pharmaceutical Sciences**, 4, 824-829, Dec 2017.ID: 44779, EJBPS, ICI, 2349-8870.
 20. K. N. Chethan Prathap, C. S. Karthik, S. Naveen, Karthik Kumara, **L. Mallesha**, P. Mallu and N. K. Lokanatha. Synthesis, Characterization, Thermal, Optical, Crystal Structure and Hirshfeld Surface Analysis of 2-((Pyridin-4-yl)methyl)isoindoline-1,3-dione. **Chemical Data Collections**, 9, 164-174, August 2017. Scopus, 6936. Elsevier, ISSN: 2405-8300.
 21. M.K. Hema, C.S. Karthik, **L. Mallesha**, P. Mallu, N.K. Lokanath. Crystal Structure and Hirshfeld Surface Analysis of 4-Nitrophenyl Isocyanate, **Der Pharma Chemica**, 9, 8-12, April 2017(IF = 0.5). Scopus, ID: 9538. ISSN: 0975-413X, Der Pharma Chemica.

22. Mallikarjunaswamy, **L. Mallesha**, D.G. Bhadregowda and Othbert Pinto. Studies on synthesis of pyrimidine derivatives and their antimicrobial activity". **Arabian Journal of Chemistry**, Feb 2017, 10, S484-S490 (IF=4.6). Elsevier, 1878-5352.
23. C. Mallika rjunaswamy, V. Lakshmi Ranganatha, **L. Mallesha** and D. G. Bhadregowda. "Novel Pyrimidine Schiff bases: Synthesis and Pharmacological screening". **Indo American journal of Pharmaceutical Research**, 7, 7329-7339, January 2017 (IF = 2.3). ID: 48, Indexing Elsevier, 2231-6876.
24. **L. Mallesha**, Karthik CS, M. Chethan Kumar and P. Mallu. Synthesis, Antioxidant and Antihemolytic Activities of (4-Nitro-benzylidene)-pyridin-3-ylmethyl amine. **Chemical Science Review and Letters**, June 2016, 5, 183-190 (IF=4.00). UNIV, 45864. ISSN 2278-6783, Aufau Periodicals.
25. C. S. Karthik, **L. Mallesha**, M. Veeranna Santhosh, S. Nagashree, P. Mallu, Synthesis, Characterization, Antimicrobial Activity, and Optical Properties of Schiff Bases Derived from 4-(Aminomethyl) Piperidine. **Indian Journal of Advances in Chemical Science**, May 2016, S1 206-212 (IF=0.45). ISSN: 2320-0928, K R O S Publications.
26. M. Chethankumar, Syeda Hajira Banu, Latha BV, Satish Kumar BY, **L. Mallesha**. Studies on Inhibition of H₂O₂ Induced TGF- β 1 Expression in Peripheral Blood Mononuclear Cells by Novel Pyridine Appended Lutein Derivative. **MOJ Cell Science and Report**, 3, 4, May 2016 (IF=-). MedCrave Group LLC, 2374-6912
27. C. Mallikarjunaswamy, D. G. Bhadregowda and **L. Mallesha**. "Synthesis of novel (*E*)-*N'*-(2-chloropyrimidin-4-yl)-*n*-(5-cyano-2-hydroxy-6-phenylpyrimidin-4-yl) formamidine derivatives and their antimicrobial activity". **Journal of Saudi Chemical Society**, 20, S606-S614, **2016 (IF = 2.90)**. WoS & Scopus, 20374.Elsevier, 1319-6103.
28. N. Latha Rani, C. S. Karthik, P. Mallu, **L. Mallesha** and M. A. Sridhar. Synthesis, crystal structure and hirshfeld study of 3,3'-dinitrobenzophenone. **Journal of Applicable Chemistry**, 5, 231-241, January 2016 (IF= 1.29). UNIV, 62886. ISSN 2278 - 1862. Kaza Kalyani Sekhar.
29. Karthik C S, **L. Mallesha**, S. Nagashree, P. Mallu, Vasanth Patil, Sathish Kumar. Schiff bases of 4-(methylthio)benzaldehydes: Synthesis, characterization, antibacterial, antioxidant and cytotoxicity Studies. **Current Chemistry Letters**, 5, 71-82, January 2016 (IF: -). UNIV, 43268. ID: 43268. ISSN 1927-730X (Online) - ISSN 1927-7296 (Print), Growing Science.
30. S. Nagashree, C S. Karthik, B L. Sudarshan, **L. Mallesha**, H P. Spoorthy, K R. Sanjay and P.Mallu. *In vitro* antimicrobial activity of new 2-amino-4-chloropyridine derivatives: A structure-activity relationship study. **Journal of Pharmacy Research**, 9(8), 509-516, August 2015 (IF: 0.78). ID:218, Scopus, 0974-6943, JPR Solutions.
31. C. S. Karthik, **L. Mallesha**, P. Mallu. Investigation of Antioxidant Properties of Phthalimide Derivatives. **Canadian Chemical Transactions**, 3, 199-206, May 2015 (IF: -). Scopus, 6936. eISSN 2291-6466, Borderless Science Publishing.
32. C. S. Karthik, **L. Mallesha**, P. Mallu. Synthesis and *In Vitro* Biological Activity of [1-(Substituted-benzoyl)-piperidin-4-yl]-(2,4-difluoro-phenyl)-methanone Oximes. **International Journal of Chemical, Environmental and Biological Sciences**, 3, 156-

- 161, May 2015 (IF: 1.80). **ISSN 2320 -4087**, International Scientific Academy of Engineering & Technology.
33. C. S. Karthik, S. Naveen, P. Mallu, **L. Mallesha**, K. J. Pampa and N. K. Lokanath, Thermal, Optical, Etching and Structural Studies of [1-(2,5-Dichloro-benzenesulfonyl)-piperidin-4-yl]-(2,4-difluoro-phenyl)-methanone oxime. **Molecular Crystals and Liquid Crystals**, April 2015 (IF=0.57). WoS and Scopus, 26447. Taylor & Francis, ISSN: 1563-5287.
 34. Karthik C S, **L. Mallesha**, B. Veeresh and P. Mallu. Antibacterial, Antioxidant and Antiproliferative Activities of 2-Piperazinoethylamine Derivatives. **International Journal of Research in Pharmacy and Chemistry**, 5, 157-166, January 2015 (IF: 0.52). UNIV, ID: 48705. e-ISSN: 2231-2781, IJRPC.
 35. **Lingappa Mallesha**, Chimatahalli S. Karthik, Puttaswamappa Mallu, Vasanth Patil. Synthesis, Characterization and Antibacterial Activity of Isoindoline-1,3-dione Derivatives. **SOP Transactions on Organic Chemistry**, Nov 2014, 1, 21-28 (IF= -).
 36. H. S. Nagendra Prasad, C. S. Karthik, **L. Mallesha** and P. Mallu. A short review on biological activity of triazole containing metal complexes. **Asian Journal of Pharmaceutical Analysis and Medicinal Chemistry**, 2, 214-229, Oct 2014 (IF= 0.80). ISSN:2321-0923,AJPAMC.
 37. S. Nagashree, C S. Karthik, **L. Mallesha**, P. Mallu and S. Bindya. Antiproliferative Activity of New Schiff Bases Derived From 3-Fluoro-5-(trifluoromethyl)benzylamine. **International Journal of Scientific Research**, Oct 2014, 3, 70-73 (IF= **1.80**).PubMed, 49217. 2277 – 8179, Journal of Medical Science.
 38. **L. Mallesha**, C. S. Karthik, B.K. Kendagannaswamy and H. M. Viswanatha. "Investigation of antioxidant activity of 3,5-dimethoxyaniline derivatives. **Journal of Applicable Chemistry**, 3, 2131-2137, Sept 2014 (IF=**1.29**). UNIV, 62886. ISSN 2278 – 1862. Kaza Kalyani Sekhar.
 39. **L. Mallesha**, K. P. Harish, K. N. Mohana and **N. D. Rekha**. "In vitro antioxidant activity of 1-[5-(4-methoxy-phenyl)-[1,3,4]oxadiazol-2-yl]-piperazine derivatives". **Canadian Chemical Transactions**, May 2014, 2, 518-525 (IF=-). pISSN 2291-6458, eISSN 2291-6466, Borderless Science Publishing. ISSN: 2291-6466, PubMed.
 40. Karthik C S, **L. Mallesha**, Santhosh M V and P. Mallu. *In Vitro* Antimicrobial Activity of Some New Azo Compounds Synthesized from 2-Aminoethyl Piperzine. **Chemical Science Review and Letters**, June 2014, 3, 224 (IF=4.00). UNIV, 45864. ISSN 2278-6783, Aufau Periodicals.
 41. **L. Mallesha** and K. N. Mohana. "Synthesis and *In Vitro* Antimicrobial Activity of 2,4-Difluorophenyl (piperidin-4-yl)methanone Oxime Deivatives". **Canadian Chemical Transactions**, 2, 343, 2014 (IF=-). eISSN 2291-6466, Borderless Science Publishing. ISSN: 2291-6466, PubMed.
 42. Dileep C. S., **L. Mallesha**, M. A. Sridhar. "Crystal structure of Schiff base derivatives of 1-(3,4,5-trimethoxybenzylidene)thiosemicarbazide and (*E*)-*N'*-(3-nitrobenzylidene)isonicotinohydrazide". **AIP Proceedings**, 1591, 1233, 2014 (IF=-).
 43. B. N. Prasanna kumar, K. N. Mohana, **L. Mallesha** and Bantal Veeresh. Synthesis and *In Vitro* Antiproliferative Activity of 2,5-Disubstituted-1,3,4-oxadiazoles Containing

- Trifluoromethyl Benzenesulfonamide Moiety. (**Medicinal Chemistry Research**, DOI **10.1007/s00044-014-0918-z**, 2014, **IF= 1.61**). WoS & Scopus, 25679. ISSN: 1054-2523 (Print) 1554-8120 (Online), Springer.
44. **L. Mallesha**, C. S. Karthik, Darshan K. M. and P. Mallu. Synthesis and Spectroscopic study of 2-(6-chloropyridin-2-yl)isoindoline-1,3-dione. **Proceedings of National Seminar on Material Science and Engineering**, JSSCACS, Mysore, 21-22 March 2014, PP 96-98 (ISBN: 978-81-929372-0-5).
 45. B. N. Prasanna kumar, K. N. Mohana and **L. Mallesha**. Synthesis, characterization and *in vitro* antimicrobial evaluation of new 5-chloro-8-bromo-3-aryl-1,2,4-triazolo[4, 3-c]pyrimidines. **Medicinal Chemistry Research**, 2014, 23, 445–453 (**IF= 1.61**). WoS & Scopus, ID: 25679. ISSN: 1054-2523 (Print) 1554-8120 (Online), Springer.
 46. C. Mallikarjunaswamy, **L. Mallesha**, Vathsaladeepu and D. G. Bhadregowda. "Synthesis of some new pyrimidine-azitidinone analogues and their antioxidant, *in vitro* antimicrobial and anti-tubercular activities". **Journal of Chemistry**, Feb 2014, 2014, 1-10 (**IF= 0.48**). WoS & Scopus, ID: 21846, Scopus, Hindawi. ISSN: 2090-9063 (Print) ISSN: 2090-9071.
 47. K. P. Harish, K. N. Mohana and **L. Mallesha**. "Synthesis of novel 2,5-disubstituted-1,3,4-thiadiazole derivatives and their *in vivo* anticonvulsant activity". **Russian Journal of Bioorganic Chemistry**, 40, 97-105, July 2014, (**IF=0.70**). WoS & Scopus, 33121. ISSN: 1608-330X, Springer.
 48. Dileep C. S., **L. Mallesha**, M. A. Sridhar. "Crystal Structure of 4-(4-Aminophenylsulfonyl)benzenamine". **Chemical Science Journal**, 4, 1-4, 2013 (IF=1.4). ISSN: 2150-3494.
 49. **Lingappa Mallesha**, Chimatahalli S. Karthik, Kundachira S. Nithin and Puttaswamappa Mallu. Synthesis and *in vitro* biological activity of (*E*)-1-((4-methyl-3-(4-(pyridin-3-yl)amino)phenyl)diazenyl)naphthalein-2-ol. **Chemical Science Review and Letters**, 2, 342, 2013. UNIV, 45864. ISSN 2278-6783, Aufau Periodicals.
 50. S. Nagashree, **L. Mallesha** and P. Mallu. "Synthesis, characterization and *in vitro* biological studies of 6-chloro-pyridin-2-yl-amine derivatives". **Der Pharma Chemica**, 2013, 5, 55 (**IF= 0.73**). Scopus, ID: 9538. ISSN: 0975-413X, Der Pharma Chemica.
 51. B. N. Prasanna kumar, K. N. Mohana and **L. Mallesha**. Synthesis and *In Vitro* Antimicrobial Evolution of New 1,3,4-Oxadiazoles Bearing 5-Chloro-2-Methoxy phenyl Moiety. **International Journal of Medicinal Chemistry**, 2013, 6, 1 (**IF= -**). Web of Science, ID:44483. 2090-2069, Hindawi.
 52. K. P. Harish, K. N. Mohana, **L. Mallesha** and B. N. Prasanna kumar. "Synthesis of novel 1-[5-(4-methoxy-phenyl)-[1,3,4]oxadiazol-2-yl]-piperazine derivatives and evaluation of their *in vivo* anticonvulsant activity". **European Journal of Medicinal Chemistry**, 2013, 65, 276 (**IF= 4.80**). WoS & Scopus, ID: 11724. ISSN: 0223-5234, Elsevier.
 53. B. N. Prasanna kumara, Kikkeri N. Mohana, **L. Mallesha**, N. D. Rekha. Synthesis of (*E*)-2-(arylbenzylidene)-2-((4-methoxyphenyl)amino)acetohydrazides and their antimicrobial activity, **Current Chemistry Letters**, 2013, 2, 167-176. UNIV, 43268. ID: 43268. ISSN 1927-730X (Online) - ISSN 1927-7296 (Print), Growing Science.

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55. V. Kavitha raj, M. Archana, J R Kumar, **L. Mallesha**, K. N. Mohana, Chethan Kumar M. Virtual Screening and biological evaluation of piperzine derivatives as human acetylcholinesterase inhibitors. **International Journal of Alzheimer's Disease**, 2013, 1, 2013 (IF= -). Scopus, ISSN, 2090-0252, Hindawi.
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58. K. P. Harish, K. N. Mohana, **L. Mallesha** and Bantal Veeresh. Synthesis and evaluation of *in vivo* anticonvulsant activity of 2-methyl-2-[3-(5-piperazin-1-yl-[1,3,4]oxadiazol-2-yl)-phenyl]-propionitrile derivatives. **Archiv der Pharmazie**, 2013, 346, 1, IF = 1.9. WoS & Scopus, ID:3419, ISSN:1521-4184, Wiley Online Library.
59. K. P. Harish, K. N. Mohana and **L. Mallesha**. Synthesis of Pyrazine Substituted 1,3,4-Thiadiazole Derivatives and Their Anticonvulsant Activity. **Organic Chemistry International**, 2013, 1, 2013. UGC ID: 44976, Scopus, ISSN 1687-6938, (Print) [ISSN 2090-200X], Hindawi.
60. K. P. Harish, K. N. Mohana and **L. Mallesha**. Synthesis of Indazole Substituted-1,3,4-Thiadiazoles and Their Anticonvulsant Activity. **Drug Invention Today**, 2013, 5, 92 (IF=0.9). ISSN NO: 0975-7619, Scopus, UGC ID:46, Publisher-JPR Solutions.
61. **L. Mallesha**, B. K. Kendagannaswamy and K. N. Mohana. *Synthesis and in vitro* antioxidant activity of quinolin-5-ylamine derivatives. **Current Chemistry Letters**, 2013, 2, 119 (IF = -).UNIV, ID: 43268. ISSN 1927-730X (Online) - ISSN 1927-7296 (Print), Growing Science.
62. B. N. Prasanna kumar, K. N. Mohana & **L. Mallesha**. Synthesis and biological activity of some pyrimidine derivatives. **Drug Invention Today**, 2013, 5, 216 (IF=0.9). ISSN NO: 0975-7619, Scopus, UGC ID:46, Publisher-JPR Solutions.
63. C. Mallikarjunaswamy, D. G. Bhadregowda and **L. Mallesha**. "Synthesis and antimicrobial activity of pyrimidine salts with chloranilic and picric acids". **Journal of Chemistry**, 2013, 5, 2013 (IF= 0.48).
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65. MohanKumar, **L. Mallesha**, M. A. Sridhar, Kamini Kapoor, Vivek K. Gupta and Rajni Kant. "N-(2-[[5-Bromo-2-(piperidin-1-yl)-pyrimidin-4-yl]sulfanyl]-4-methoxy phenyl)-2,4,6-trimethylbenzenesulfonamide". **Acta Crystallographica Section E**, 68, 2767, 2012 (IF = 0.35).
66. Mohan Kumar, **L. Mallesha**, M. A. Sridhar, Kamini Kapoor, Vivek K. Gupta and Rajni Kant. "N-(2-[[5-Bromo-2-(piperidin-1-yl)-pyrimidin-4-yl]sulfanyl]-4-methoxy phenyl)-2,4,6-trimethylbenzenesulfonamide". **Acta Crystallographica Section E**, 68, 3209, 2012 (IF = 0.35).
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69. MohanKumar, **L. Mallesha**, M. A. Sridhar, Kamini Kapoor, Vivek K. Gupta and Rajni Kant. "N-(2-[[5-Bromo-2-(morpholin-4-yl)-pyrimidin-4-yl]sulfanyl]-4-methoxy phenyl)-4-chlorobenzenesulfonamide". **Acta Crystallographica Section E**, 68, 2800, 2012 (IF = 0.35).
70. MohanKumar, **L. Mallesha**, M. A. Sridhar, Kamini Kapoor, Vivek K. Gupta and Rajni Kant. "N-(2-[[5-Bromo-2-(piperidin-1-yl)-pyrimidin-4-yl]sulfanyl]-4-methoxy phenyl)-4-methylbenzenesulfonamide". **Acta Crystallographica Section E**, 68, 2831, 2012 (IF = 0.35).
71. S. Nagashree, P. Mallu, **L. Mallesha** and Bindya. "Synthesis, characterization and antimicrobial activity of methyl-2-aminopyridine-4-carboxylate derivatives". **Journal of Chemistry**, 2013, 5, 2012 (IF= 0.48). SICE.
72. S. Nagashree, **L. Mallesha**, N. A. Chamaraja and P. Mallu. "Synthesis and antimicrobial activity of imatinib intermediates with chloranilic and picric acids". **JSSCM**, 1, 53, 2012 (IF= -).
73. **L. Mallesha**, K. N. Mohana and B. Veeresh. "Synthesis and biological activities of Schiff bases of gabapentin with different aldehydes and ketones: A structure-activity relationship study". **Medicinal Chemistry Research**, 21, 1, 2012 (IF= 1.61).
74. **L. Mallesha**, K. N. Mohana, B. Veeresh, R. Alvala and A. Mallika. "Synthesis and *in vitro* antiproliferative activity of 2-methyl-3-(2-piperazin-1-yl-ethyl)-pyrido[1,2-a]pyrimidin-4-one derivatives against human cancer cell lines". **Archive Pharmacal Research**, 35, 51, 2012 (IF= 1.54).
75. K. N. Mohana, **L. Mallesha** and D. M. Gurudatt. "Synthesis and antimicrobial activity of 5-aminoquinoline and 3-aminophenol derivatives". **International Journal of Drug Design and Discovery**, 2, 584, 2011 (IF= -).

76. K. N. Mohana and **L. Mallesha**. "Synthesis and *in vitro* biological activity of *N*-(5-amino-2-methylphenyl)-4-(3-pyridyl)-2-pyrimidinamine derivatives". **Bulgarian Chemical Communications**, 43, 2, 2011 (IF= 0.32).
77. **L. Mallesha**, K. N. Mohana, D. Rakshith and S. Sathish. "Synthesis and antimicrobial activity of 2-methyl-5-nitroaniline derivatives". **Chinese Journal of Chemistry**, 29, 102, 2011 (IF= 1.04).
78. **L. Mallesha**, K. N. Mohana. "Synthesis, antimicrobial and antioxidant activities of 1-(1,4-benzodioxane-2-carbonyl)piperazine derivatives". **European Journal of Chemistry**, 2, 193, 2011 (IF= 0.64).
79. **L. Mallesha** and K. N. Mohana. "Synthesis and *in vitro* antimicrobial activity of *N*-(5-amino-2-methylphenyl)-4-(3-pyridyl)-2-pyrimidinamine derivatives". **Journal of chemical and pharmaceutical research**, 2, 75, 2010 (IF= -).
80. **L. Mallesha** and K. N. Mohana. "Synthesis and *in vitro* biological activity of organic charge-transfer complexes of lansoprazole, fluconazole, gabapentin and gabalactum with chloranilic and picric acids". **International Journal of Drug Design & Discovery**, 1, 115, 2010 (IF= -).
81. **L. Mallesha** and K. N. Mohana. "Synthesis and *in vitro* biological activity of charge-transfer complexes of stavudine and its intermediates with chloranilic and picric acids". **International Journal of ChemTech Research**, 2, 920, 2010 (IF= -).
82. J. P. Jasinski, R. J. Butcher, H. S. Yathirajan, **L. Mallesha**, K. N. Mohana and B. Narayana. "Crystal structure of a second polymorph of gabapentin hydrochloride hemihydrate with a three-center bifurcated hydrogen bond". **Journal of Chemical Crystallography**, 39, 777, 2009 (IF= 0.51).
83. J. P. Jasinski, R. J. Butcher, H. S. Yathirajan, **L. Mallesha**, K. N. Mohana and B. Narayana. "Crystal structure of abacavir hemisulfate: A nucleoside analog reverse transcriptase inhibitor". **Journal of Chemical Crystallography**, 39, 864, 2009 (IF= 0.51).
84. J. P. Jasinski, R. J. Butcher, **L. Mallesha**, K. N. Mohana, H. S. Yathirajan, and B. Narayana. "Dual chlorine-bifurcated acceptor Cl \cdots H-(N,O) hydrogen bonds in 4-[(4-methylpiperazin-1-yl) methyl]benzoic acid dihydrochloride hemihydrates". **Journal of Chemical Crystallography**, 39, 773-776, April 2009 (IF= 0.51).
85. H. Li, H. S. Yathirajan, **L. Mallesha**, K. N. Mohana and B. Narayana. "Crystal structure of gabapentinium picrate". **Acta Crystallographica Section E**, 65, 783, 2009 (IF = 0.35).
86. J. P. Jasinski, R. J. Butcher, H. S. Yathirajan, **L. Mallesha** and K. N. Mohana. "Crystal structure of 4-[(E)-(2,4-difluorophenyl)(hydroxyimino)methyl] piperidinium picrate". **Acta Crystallographica Section E**, 65, 2365, 2009 (IF = 0.35).
87. J. P. Jasinski, R. J. Butcher, **L. Mallesha**, K.N.Mohana, H.S. Hathirajan, B. Narayana. "Crystal structure of 2',3'-di-*o*-acetyl-5'-deoxy-5-fluorocytidine with N-H \cdots (O.F) proton donor bifurcated and (C,N)-H \cdots O bifurcated acceptor dual three-centre hydrogen bond configurations". **Journal of Chemical Crystallography**, 39, 433, 2009 (IF= 0.51).
88. J. P. Jasinski, R. J. Butcher, **L. Mallesha**, K.N.Mohana, H.S. Hathirajan, B. Narayana. "Intermolecularly associated carboxylic acid dimers in the supramolecular assembly of

(R)-1,4-benzodioxane 2-carboxylic acid". **Journal of Chemical Crystallography**, 39, 453, 2009 (IF= 0.51).

89. J. P. Jasinski, R. J. Butcher, **L. Mallesha**, K.N.Mohana, H.S. Hathirajan, B. Narayana. "Crystal structure of 3-oxo-4-aza-5- α -androsone-17 β -tert-butyl carboxamide with an O...H-(C, N) acceptor four-center hydrogen bond". **Journal of Chemical Crystallography**, 39, 458, 2009 (IF= 0.51).

WORKSHOP/CONFERENCE/SEMINAR ATTENDED/PAPER PRESENTED:

1. **One Week Online FDP** on "Applied Chemistry: A catalyst for Scientific Transformations" from **23rd – 28th August 2021**, held at **SGT University, Delhi**.
2. One Day National level Webinar on "Nanoscience for 21st Century" Organized by IQAC & Department of Chemistry, Shri Anand College, Pathardi on **13th September 2021, Ahmednagar, Maharashtra**.
3. One Day International Webinar on "Accelerating Research-The way to forward jointly organized by PG Biochemistry, JSSCACS and Karyome Private Limited, Mysuru on **9th August 2021** held at **JSS College, Ooty Road, Mysuru-25**.
4. One Day **one day online workshop on "The significance of intellectual property rights (IPR)"** initiated by IQAC and organized by the College on **22 July** held at **JSS College, Ooty Road, Mysuru-25**.
5. Two days Virtual International Conference on "Advanced Materials" held on **6th and 7th July 2021** at **JSS S&T University, Karnataka, India-570006**. Title: Structural and functional insights of thiazole derivatives as potential anti-inflammatory candidate (Oral).
6. Two Days National Webinar on "Designing and Development of e-Resources for Teaching and Learning " organized by **JSS College for Women, Mysuru** from **30 June-1 July 2021**.
7. Three Days Online Workshop on "Designing and Development of e-Resources for Teaching and Learning " and obtained grade A organized by the **Rajdhani College, Delhi** from **22-24 June 2021**.

8. One Day National Webinar on “A Simple Perspective of Sweet Chemistry and Covid-19 Molecule” organized by the Department of Chemistry, Sadakathullah Appa College (Autonomous), Rahmath Nagar, Tirunelveli, **Tamil Nadu on June 11, 2021.**
9. One Day National Level Webinar on “Electrochemical Biosensors - Recent Trends, Challenges and Opportunities for Multidisciplinary Research Approach” organized by the PG & Research Department of Chemistry, **Sadakathullah Appa College (Autonomous), Tirunelveli on June 10, 2021.**
10. One Day Workshop on Research Methodology for Researchers and Teachers held at **JSS College, Ooty Road, Mysuru-25 on 13th March 2021.**
11. **One Day International Webinar** on Recent trends in Phytochemical research and drug discovery conducted on **20th November 2020** held at SR&BGNR Govt. Arts & Science College, Khammam, Telangana.
12. **Three Days Faculty Development Program** on Online Teaching and Learning Tools conducted from **06th to 08th November 2020** held at St. Mary's College, **Thoothukudi, Kerala.**
13. **Five Days Faculty Development Program** on Recent Advancement in Chemical Biology and Drug Discovery conducted from **14th to 18th September 2020** held at College of Engineering and Technology, **Bhubaneswar, Odisha.**
14. **Five Days Faculty Development Program** on ICT Tools in Teaching Chemistry conducted from **2nd to 6th September 2020** held at St. **Teresa's College, Ernakulam, Kerala.**
15. **One Week Online Faculty Development Programme** on "ICT Enhanced Teaching Learning And Creating MOOCs **Ramanujan College, University of Delhi**, under the aegis of MHRD, New Delhi on **18th -25th August, 2020.**
16. **Seven Days National workshop** on NAAC : Seven Assessment Criteria for Accreditation held on **2nd to 8th August, 2020** at Govt. P. G. College, **Bilaspur, Rampur - Uttar Pradesh.**
17. **One - week online Faculty Development Program (FDP)** on “Advanced or Smart Processing Technology” organized by Department of Polymer Science and Technology, **JSS S&T University, Mysuru**, from **10th to 14th August 2020.**

18. Online **One Week e-FDP** from **27th July-1st August 2020**, held at **G. Pulla Reddy College of Pharmacy, Hyderabad, Telangana**.
19. **Twelve Days FDP** on Online Teaching- Learning And Research Methodology from **July 18 - July 29, 2020** held at Govt. P. G. College, **Bilaspur, Rampur - Uttar Pradesh** in Association With RUSA and IQAC.
20. Two days International virtual conference on **Modern Instrumental and Characterization Techniques in Applied Sciences-2020 (MICTAS-2020)** organized by MIET Kumaon Haldwani & Department of Chemistry, **H.N.B. Govt. P. G. College, Khatima, Uttarakhand**, on **July 5-6, 2020**.
21. Two-day International Webinar entitled “Interdisciplinary Research on Societal Applications: Challenges and Opportunities (IRSA-2020)” organized by Department of Chemistry, **Bharathiar University, Coimbatore, Tamil Nadu, India** on **26th & 27th June 2020**.
22. **Two Days Online FDP** on “E-content Preparation and Effective Presentation of Online Classes using ICT Tools” in association with Diksoochi, Mysuru from **22nd - 23rd, June 2020**, held at **JSS College, Gundlupet**.
23. **Five Day National Level Online FDP** on “Scilab” in association with IIT-Bombay from **15th -19th, June 2020**, held at **St. Peter’s Engineering College, Hyderabad**.
24. Participated in “Spit-free India Movement” on 15th June 2020 to prevent the spread of COVID-19, Bengaluru.
25. One Day Webinar on Spirulina-An Immunity Booster” held at **MES College of Arts, Commerce and Science, Bengaluru** on 2nd June 2020.
26. One Day National Level Online Seminar on Advances in Material Science held at **Maharshi Dayanand College of Arts, Science and Commerce, Parel, Mumbai** on 20th May 2020.
27. Four Day Frontier Lecture Series on Physical Sciences, Biological Sciences, Social Sciences & Humanities, Commerce and Management held at **JSS College, B N Road, Mysuru-25** on 25th-28th February 2020.
28. One Day Workshop on Teachers Capacity Building held at **JSS College, B N Road, Mysuru-25** on 13th February 2020.
29. National Conference on Innovations in Chemical Sciences held at DOS in Chemistry, **University of Mysore, Mysuru** on **30th-31st January, 2020**. Title: Anticonvulsant

activity of 2-amino-4-chloro-6-methyl pyrimidine derivatives: Synthesis and characterization.

30. Second National Conference on Advanced Materials for Health, Energy and Environment held at **SJCE, JSS Science and technology University, Mysuru** on **6-7th September, 2019**. Title: Metal based pharmaceutically active agents: Synthesis, characterization and evaluation of DNA binding and in vitro cytotoxic activities of pyrimidine transition metal complexes.
31. One day Workshop on Envisioning the Faculty Role in Education held on **28th May 2019** at **JSS S and T University, Mysuru**.
32. Two days Extension Lecture Programme in Chemical Biology held on **27-28th December 2018** at **JSS S and T University, Mysuru**.
33. Two days 11th Annual Conference of Karnataka Science and Technology Academy (KSTA) held at **NMKRV College for Women, Bengaluru** on **February 1-2, 2019**. Title: Synthesis And Characterization Of 1, 2, 4-Triazole Analogous: Anticonvulsant Activity.
34. One Day Seminar on Intellectual Property Rights held at **JSS College, B N Road, Mysuru-25** on 11th April 2018.
35. One Day Workshop on Capacity Building held at **JSS College, B N Road, Mysuru-25** on 24th March 2018.
36. Two days National Conference on Advanced Materials for Health, Energy and Environment held at **SJCE, JSS Science and technology University, Mysuru** on 23-24th March, 2018. Title: Green synthesis of metal nanoparticles using Memecylon malabaricum leaf extract and their anti-angiogenic activity.
37. Two days 10th Annual Conference of Karnataka Science and Technology Academy (KSTA) held at **Reva university, Bengaluru** on 18-19th January, 2018. Title: Anticonvulsant activity of 5-bromo-2,4-dichloropyrimidine derivatives: Synthesis and characterization.
38. One day International Symposium on Advanced Materials held at **SJCE, JSS Science and technology University, Mysuru** on 27th December 2017. Title: Synthesis of 1,2,4-triazole derivatives and their anticonvulsant activity.
39. One Day Orientation Programme on Quality of Higher Education, Importance of Research and ICT-Enabled Teaching for UG and PG Teachers held at **JSS College, Ooty Road, Mysore-25** on 30th November 2017.

40. Two Days National Conference on "Science Technology and Society" held at **JSS College, B. N. Road, Mysuru-25** on 24th -25th October 2017. Title: ಮೊದಲ ಬಾರಿಗೆ ಹೊಸ-ರೀತಿಯ ಪ್ರಬಲ ಬ್ಯಾಕ್ಟೀರಿಯಾ ಪ್ರತಿರೋಧ ಸಕ್ರಿಯವಾದ ಬೆಂಜೋಡೈಕ್ಸೇನ್ ಪೈಪರೇಜಿಯನ್ ಗುಂಪುಗಳಿಂದ ಅಲಂಕರಿಸಲ್ಪಟ್ಟ ಚಿಟೋಸನ್ ಬೆಳ್ಳಿ ನ್ಯಾನೊಕಣಗಳು: ಸಂಶ್ಲೇಷಣೆ, ಪಾತ್ರಿಕರಣಗಳು, ಹಾಗೂ ಮೆಥಿಸಿಲಿನ್-ನಿರೋಧಕ ಸ್ವಾಫಿಲೋಕೊಕಸ್ ಔರೆಸ್ (ಎಮ್ ಆರ್ ಎಸ್ ಎ)ನ ಪ್ರತಿಜೀವಕ ಲೇಪನದ ವರದಿ.
41. Two days International Conference on "International Conference on Environment, Health and Policy Nexus (ICEHPN2017)" held at **JSS University, Mysuru, India** during 27-28th July 2017. Title: Green synthesis of silver nanoparticles using heleconia rostrata and their characterization.
42. Two days Group Monitoring Workshop on 20th and 21st July, 2017 at **University of Agricultural Sciences, GKVK, Bengaluru.**
43. Two days National Conference on "National Conference on Research Advances in Science & Technology" held on 26th & 27th May 2017, at **CSI College of Engineering, Ketti Valley, Near Ooty, Tamilnadu.**
44. One day National Level Workshop on "Pre-Placement Training for Life Science Students" held at **JSS College, Ooty Road, Mysuru-25** on 11th March 2017.
45. Three days International Symposium on "New Trends in Applied Chemistry" held at Department of Chemistry, **Sacred Heart College, Thevara, Kochi, Kerala** on 9th-11th February 2017. Title: Green synthesis of silver nanoparticles using Heleconia rostrata and their characterization.
46. Two Day Seminar and exhibition on "Energy Mix: Need for the Nation" held at **National Institute of Engineering, Mysuru-25** on 11th -12th January 2017.
47. Three days State Level Science Exhibition on "Science and Village" held at **JSS College, Ooty Road, Mysuru-25** on 20th -22nd August 2016.
48. One day National Conference on "Fundamental and Applied Chemistry" held at **Salem, Tamilnadu** on June 4th, 2016. Title: Synthesis, Antioxidant and Antihemolytic Activities of (4-Nitro-benzylidene)-pyridin-3-ylmethyl amine.
49. Two Day National Conference on "Application of Modern Analytical Techniques to Fundamental Research in Chemistry" held at **JSS College, Ooty Road, Mysore-25** on 9th -10th March 2016. Title: Synthesis and Biological Activities of Schiff bases.
50. One day National Seminar on Technological advances in M-Health and Diagnosis of diseases using retinal imaging held at **JSS Research Foundation, Mysuru** on 25th January 2016.

51. One day International Conference on “Chemical and Biochemical Engineering” held at **New Delhi** on January 10th, 2016.
52. Five days International Conference on “103rd Indian Science Congress” held at **University of Mysore, Mysuru** on January 3-7, 2016.
53. One day Seminar on Material Science and Nanotechnology held at **Vidya Vikas Institute of Engineering, Mysuru** during September 29th, 2015.
54. Two days National Seminar on Benefits of Nuclear and Material Sciences in day to day life held at **University of Mysore, Manasagangoti, Mysuru** during August 21st - 22nd, 2015.
55. Two days National Seminar on Chemistry and Chemical Biology held at **University of Mysore, Manasagangoti, Mysuru** during May 26th, 2015.
56. Two days International Conference on “Polyemers and Chemical Engineering” held at **Singapore** on March 29th -30th, 2015. Title: Synthesis and *in vitro* biological activity of [1-(substituted-benzoyl)-piperidin-4-yl]-(2,4-difluorophenyl)-methanone oximes (Paper ID: P315401).
57. One days Workshop on “Promotion of Research in Colleges” for UG PG Teachers held at **JSSCACS, Mysuru** on March 14th, 2015.
58. Two days National Conference on “Current Trends in Chemical Biology” held at **JSSCACS, Mysuru** on March 2nd and 3rd, 2015. Title: Antibacterial, Antioxidant and Antiproliferative Activities of 2-Piperazinoethylamine Derivatives (PP-03, Page 33).
59. Two days International Symposium on Chemical Biology held at **University of Mysuru, Manasagangoti, Mysuru** during February 18-19, 2015. Title: Synthesis of [1-(Substituted-sulfonyl)-piperidin-4-yl]-(2,4-difluoro-phenyl)-methanone Oximes and Their Biological Activity.
60. Two days National Conference on “Value Initiatives in Institutions of Higher Learning-Key to Youth Empowerment” held at **Maharani Lakshmi Ammanni College for Women, Bengaluru** on February 3rd and 4th, 2015.
61. One-day seminar on “Recent Innovations in Bio-Inorganic & Medicinal Chemistry (RIBMC)” held at **NIE College, Mysore** on January 28, 2015.
62. UGC sponsored one day Workshop on “Interfacing Innovation and TPR for Diffusion Technology” at **ATME College of Engineering, Mysore** on 19th January 2015.

63. Three days UGC Assisted Orientation Programme on Competence Building Initiatives held at **JSS College for Women, Mysore** on December 1-3rd, 2014.
64. Two days 6th National Conference on Advances in Polymeric Materials held at Dept. of Polymer Science and Technology, **Sri Jayachamarajendra College of Engineering, Mysore** on April 25th and 26th, 2014.
65. Two days national Seminar on Material Science and Engineering held at **JSS College of Arts, Commerce and Science, Mysore** on March 21st & 22nd, 2014.
66. Two days KSTA Regional Conference on Science and Technology for Education and Health Care held at **JSS College, Ooty Road, Mysore-25** on 21st-22nd February 2014. Title: Synthesis and *In Vitro* Antimicrobial Activity of Some New Piperzine Azo Derivatives.
67. Two days International Symposium on International Symposium on Chemical Biology-Drug Discovery held at **University of Mysore, Mysore** on January 9th & 10th, 2014.
68. Two days National Conference on Recent Trends in Chemical Research held at **Sri Jayachamarajendra College of Engineering, Mysore** on January 3rd and 4th, 2014. Title: Synthesis and Characterization of 3-Fluoro-5-(trifluoromethyl) benzylamine Derivatives.
69. One day National Conference on Fundamental and Applied Chemistry held at **Dhirajlal Gandhi College of Technology, Salem, Tamil Nadu** on October 4th, 2013.
70. One day Workshop on "Cyber Systems" at **JSS College, Ooty Road, Mysore-25** on 23rd March 2013.
71. Two days international conference on Recent advances in material science and technology held at **Department of Chemistry, NITK, Surathkal, Mangalore** on January 17-19, 2013. Title: Synthesis, characterization and antimicrobial activity of methyl-2-aminopyridine-4-carboxylate derivatives.
72. Two days Orientation programme for "Undergraduate and Postgraduate teachers" held at **JSS college of Arts, commerce and Science, Mysore** on December 7-8th, 2012.
73. One day Orientation programme on "Life skills and ICT Enabled Teaching" held at **JSS college of Arts, commerce and Science, Mysore** on February 25th, 2012.

74. One day Seminar on Emerging Trends and Future Prospects in Phytopharmaceuticals held at **JSS college of Arts, commerce and Science, Mysore** on December 8th, 2011.
75. One day Seminar on Chemistry of Materials held at Sri Jayachamarajendra college of Engineering, Manasagangoti, Mysore on November 25th, 2011.
76. One day program on International Year of Chemistry held at **JSS college of Arts, commerce and Science, Mysore** on October 14th, 2011.
77. One day program on International Year of Chemistry held at **Hassan** on November 08th, 2011.
78. Two days national conference on Social Relevance of Chemical Sciences held at **Department of Chemistry, Kuvempu University, Shankaraghatta, Shimoga** during March 26-27, 2011.
79. Two days International Symposium on Challenges in Drug Discovery Programme held at **Karnataka State Open University, Manasagangoti, Mysore** during February 16-17, 2011. Title: Synthesis and *in vitro* antiproliferative activity of 2-methyl-3-(2-piperazin-1-yl-ethyl)-pyrido[1,2-a]pyrimidin-4-one derivatives against human cancer cell lines.
80. Two days National Seminar on Recent Research Trends in Synthetic Organic and Natural Products Chemistry held at Department of Chemistry, **Sri Venkateswara University, Tirupati** on March 29-30th, 2010. Title: Synthesis and antioxidant activity of novel 1-(1, 4-benzodioxane-2-carbonyl)piperazine derivatives. PP-74, page No.81.
81. One Day Workshop on Proposals, Research Methodologies and publishing papers held at **Department of Computer Science, Amrita School of Arts & Sciences, Mysore**, during February 26th, 2010.
82. One day National Seminar on recent advances in organic synthesis and biosciences held at **Department of Chemistry, Christ University, Bangalore** on February 18th, 2010.
83. Two days National Conference on Materials: Nano to Macro Dimensionality and their varied Applications held at Department of chemistry, **Manonmanian Sundaranar University, Tirunelveli, Tamil Nadu** from January 28-29th, 2010. Title: Synthesis, Characterization and *In Vitro* Antimicrobial Activity of Novel 2-Methyl-5-nitroaniline Derivatives. PP-36, page No.68.

84. Two days National Workshop on Advances in Chemical Sciences held at **Sri Bhagawan Mahaveer Jain College of Engineering, Bangalore**, during January 22-23th, 2010.
85. Two days International Conference on Current Trends in Chemistry and Biochemistry held at Department of Chemistry and Biochemistry, **Bangalore University, Bangalore** from December 18-19th, 2009. Title: Synthesis and *in vitro* biological activity of *N*-(5-amino-2-methylphenyl)-4-(3-pyridyl)-2-pyrimidinamine derivatives.
86. The **238th ACS National Meeting held at Washington, DC, USA**, from August 16-20th, 2009. Title: (1). Unusual hydrogen bonding effects in biomolecules, PP INOR-486-487, **(presented inabsencia)**. (2). Intermolecularly associated carboxylic acid dimers in the supermolecular assembly of 1, 4-benzodioxane 2-carboxylic acid. PP INOR-137, (presented inabsencia).
87. Two days National Conference on the Emerging Areas in Chemistry held at Department of Studies in Chemistry, **University of Mysore, Mysore**, from July-August 31-1st, 2009. Title: Synthesis and antimicrobial activity of charge-transfer complexes of *N*-(5-Amino-2-methylphenyl)-4-(3-pyridyl)-2-pyrimidinamine with some acceptors. PP-93, page No.92.
88. Two days National Conference on Chemistry and Molecular Nanotechnology for Industry and Society held at **Kuvempu University, Shimoga** on January 16-17th, 2009.
89. One day State Level Seminar on Recent Trends in Chemistry held at **Bharathi college, Bharathinagara, Mandya** on September 13th, 2008.
90. Two days National Conference on Recent trends in Coordination and Organometallic Chemistry held at Sri Ramakrishna mission **Vidyalaya College of arts and science, Coimbatore** on July 17-18th, 2008.
91. One day National Seminar on Nanotechnology - past, present and future held at **Kuvempu University, Shimoga** on April 4th, 2008.
92. Two days National Workshop on NMR spectroscopy - theory and applications held at **Madurai Kamaraj University, Madurai**, during March 28-29th, 2008.
93. Three days National Symposium on Bioorganic and medicinal Chemistry held at Department of Studies in Chemistry, **University of Mysore, Mysore**, during October 5-7th, 2005.

Chaired the session in Two days Virtual International Conference on “Advanced Materials” held on 6th and 7th July 2021 at JSS S&T University, Karnataka, India-570006.

Ph.D. Students:

Guide: 01-Awarded (01-01-2021), 02-Ongoing

Co-Guide: 01-Awarded, 02-Ongoing

SWYAM NPTEL Course: UGC-SWAYAM Online Course on Coordination Chemistry with **3 Credits of 47% from Sept 2020 to Dec 2020 (12 Week course).**

Four Week Orientation Programme for Faculty in universities/Colleges/Institutes of Higher Education from **June 26-July 24, 2020** and obtained grade A from TLC, Ramanujan College, **University of Delhi**, under the aegis of MHRD, New Delhi.

SWYAM Refreshment Programme: UGC-SWAYAM ARPIT Online Refresher Course In Chemistry For Higher Education with **79.7% from 28-08-2019 to 28-12-2019 (4 Months).**

Invited Talk: 02 invited talk in PG Chemistry, SJCE, JSS S&T University, Mysuru.

Convenor:

- **Two day Virtual International Conference on Drug Discovery & Material Science on 15-16 September 2021.**
- **One day Seminar on 07-02-2020, National Level Online Quiz on 22-06-2020.**
- **State level Webinar on 25-06-2020.**

Organizing Secretary:

- 1)** UGC sponsored one day workshop on “Analytical Techniques on 06-03-2018 held at JSS College, BN Road, Mysuru-25
- 2)** UGC sponsored one day on Industry-Academia interaction on 17-03-2018 held at JSS College, BN Road, Mysuru-25.

Local Advisory Committee: AMHEE-2018 and ISAM-2017, SJCE, Mysuru

Subjects taught: Basic Inorganic Chemistry, Coordination Chemistry and Bioorganic and Medicinal Chemistry.

Member of academic bodies: BOS, BOE-JSS S&T University, Yuvarajs College, Govt Science College Mandya, Mahajana's College, Academic Council, Doctoral committee- JSS S&T University, Osmonia University.

Chairman: Chairman of BOS & BOE

Member of professional bodies:

Life Time Member: Indian Science Congress (L28785)

Member: Scientific and Technical Committee, Editorial Review Board, World Academy of Science, Engineering and Technology, USA (WASET, April 20, 2015).

Editorial Advisory Board: Indo American Journal of Pharmaceutical Research (27th April, 2015).

Editorial board/Review board Member: International Journal of Applied Chemistry (From Dec 2018), International Association of Scientific Innovation and Research (IASIR, April 22, 2015).

Board Director: Journal of Pharmaceutical and Medicinal Research

Member: JSS old students association, JSS Teacher's Association. **Member:** Pharma Research Library, International Academy of Arts, Science and Technology (IAAST), International Association of Engineers (IAENG). **Life Member:** Asia-Pacific Chemical, Biological & Environmental Engineering Society (Hong Kong). **Executive Board Member:** Journal Club for Applied Science, Gujarat, India (From 1-9-2014). **Editorial Board Member:** International Institute of Chemical, Biological and Environmental Engineering (IICBEE: 5-9-2014), Asian Journal of Pharmaceutical Analysis and Medicinal Chemistry, International Journal of Research in Science and Technology.

Supervision/Co-Supervision: Guiding 01 Ph.D. student under UOM, Co-guiding 03 Ph.D. students under VTU and More than 60 students for M. Sc. dissertation.

Book Chapter: Synthesis and biological activities of Schiff bases of gabapentin with different aldehydes and ketones: A structure-activity relationship study. Medicinal Chemistry Research, 21, 1, 2012.

The above paper quoted in text book "Central Nervous System Agents-Advances in Research and Application: 2013 Edition, Scholarly Editions Publisher, Written by Q. Ashton Acton.

Book: Imines of Gabapentin, LAP LAMBERT Academic Publishing, 2016.

Served as Reviewer for Scientific Journals/ Conference

1. Indian J Chem, Sec A (June 2021)
 2. Current Chemistry Letters (Feb 2021)
 3. Medicinal Chemistry Review (April 2020)
 4. BMC Chemistry Review (April 2020)
 5. Nanoscience & Technology: Open Access (Symbiosis Group-12-01-2018)
 6. Journal of Drug Delivery and Therapeutics (Dec 2018)
 7. Medicinal Chemistry Research (Springer: 12-01-2018)
 8. Chemical Data Collections
 9. Modern Chemistry
 10. American Association for Science and Technology (From December 25th 2015)
 11. The Chemical Society of Ethiopia
 12. Journal of Organic Chemistry Insights
 13. OMICS Publishing Group
 14. Macedonian Journal of Chemistry and Chemical Engineering
 15. International Academy of Chemical, Civil & Environment Engineering (IACCEE)
 16. International Journal of Research
 17. American Journal of PharmTech Research
 18. Science Journal of Chemistry
- Appreciation letter was given from International Academy of Arts, Science & Technology (IAAST) Committee as a **active reviewer during the year 2015**.

- Served as Judge in Second National Conference on Advanced Materials for Health, Energy and Environment held at SJCE, JSS Science and technology University, Mysuru on 6-7th September, 2019

LIST OF RESEARCH PROJECTS

Sl. No.	Title of the project	Principal Investigator	Funding agency
1	Green synthesis of plant mediated metal nanoparticles and their anti-angiogenic activity	Principal Investigator File No: YSS/2014/000888 Dated: 16-11-2015	DST-SERB (Nov 2015 to Nov 2018) 19,85,000/-
2	Synthesis of 1-(5-bromo-2-chloropyrimidin-4-yl) hydrazine derivatives and their anticonvulsant activity	Principal Investigator Order No. 2177-MRP/15-16/KAMY013/UGC-SWRO	UGC SWRO (March 31st 2016 to March 31st 2018) 4,90,000/-

PERSONAL PROFILE

Father Name: Lingappa
 Date of Birth: 05/04/1983
 Languages Known: Kannada & English
 Sex: Male
 Marital status: Married
 Nationality: Indian
 Passport No: J2367591

Present Address: Door No-110, 6th Main, 8th Cross, Teachers Layout, Mysore-29.