

CURRICULUM-VITAE

Name: DR. D. G. BHADREGOWDA

Designation: Associate professor

EDUCATION

- B.Sc., Yuvaraja,s College, University of Mysore, May 1987
- M. Sc., University of Mysore, June 1989, I class
- Ph.D., DOS in Chemistry, University of Mysore, June 2001

Techniques: HPLC, IR, ¹H and ¹³C NMR, UV-Visible spectrophotometer, GC/MS, and Flame Photometry

Ph.D. Title: “Synthesis and Crystallographic Studies of Some Nitrinium ions”

Ph.D. RESEARCH WORK:

- Synthesis of Aromatic Heterocyclic Compounds
- Characterization of Synthesized Compounds
- Structural Elucidation by Crystallographic Method

RESEARCH PROJECT:

Title: Synthesis and Crystallographic analysis of Nitrogen and oxygen hetero cyclic compounds

Awarded Year: 2006-2008

Amount: 60,000/-

Source: University Grant Commission, Government of India

Title: Efficient and convenient synthesis of Pyrazole, Benzimidazole derivatives:
Biological studies

Awarded Year: 2012-2015

Amount: 11,25,800/-

Source: University Grant Commission, Government of India

RESEARCH INTEREST:

Study of Synthesis, Reactivity, Biological activity, and Crystallographic studies of heterocyclic compounds

CONFERENCES ORGANISED:

Member of Organizing Committee: International Symposium on Challenges Drug Discovery Programme-2011(ISCDDP-2011). Held at KSOU, Manasagangotri, Mysore-6, INDIA, on Feb.16-17, 2011, INDIA.

MEMBERSHIP IN SCIENTIFIC SOCIETIES

Life member- **Indian Council of Chemists**

List of Research Publications

1. Crystal structure of 1- Benzyl- -1,2,3-triazole ($C_9H_9N_3$) D. G. Bhadre gowda, K. S. Rangappa, M. A. Sridhar, N. K. Lokanath, J.Shashidhar prasad.
Z. Kristallographie-new crystal structure, 212, 30, **1997**.
2. Crystal structure of 1-methyl, 3-phenyl-1, 2,3-triazolinium per chlorate, $C_9H_{12}N_3$ (ClO_4),
D. G. Bhadre gowda, K. S. Rangappa, M. A. Sridhar, N. K. Lokanath, J.Shashidhar prasad.
Z. Kristallographie-new crystal structure, 212, 33, **1997**.
3. Crystal structure of 1- Benzyl-4-phenyl-1, 2, 3-triazole ($C_{15}H_{13}N_3$)
D. G. Bhadre gowda, K. S. Rangappa, M. A. Sridhar, N. K. Lokanath, J.Shashidhar prasad.
Z. Kristallographie-new crystal structure, 212, 35, **1997**.
4. Crystal structure of N-(O-anisole) antranilic acid ($C_{14}H_{13}NO_3$)
D. G. Bhadre gowda, K. S. Rangappa, M. A. Sridhar, N. K. Lokanath, J.Shashidhar prasad.
Z. Kristallographie-new crystal structure, 212, 29, **1997**.
5. Crystal structure of 2-triazoles,
M. A. Sridhar, N. K. Lokanath, J. Shashidhar Prasad, K. S. Rangappa, N. V. Anil kumar and D. G. Bhadregowda.
Mol. cry. liq. cry, 319, 137, **1998**
6. Expeditious synthesis of 1,3,4-oxadiazole derivatives via sydnones Ravindra R kamble, B. S. Sudha and D. G. Bhadregowda, *J. of Serbian chemical society JSCSEN-73* (2), 131-138, **2008**.
7. M. N. Kumara, K. Mantelingu, D. G. Bhadregowda, KanchugaraKoppal S. Rangappa. "Oxidation of L-Amino acids with Metal ion in Sulphuric Acid Medium: Effect of Nucleophilicity and Hydrophobicity on reaction rate". *Int. J. Chem. Kinet.*, 43(11), 599-607, 2011.
8. C.N. Revanna, T.R. Swaroop, G. Raghavendra, D.G. Bhadregowda, K.Mantelingu and K.S. Rangappa. "Practical and Green Protocol for the Synthesis of Substituted 4H-Chromens using Room Temperature Ionic Liquid Choline Chloride-Urea". *Journal of Heterocyclic Chemistry.*, 49(4), 851-855, 2012.
9. Praveen Kumar S.N, Bhadre Gowda D.G, Kumar M.N, Mantelingu K and Rangappa K.S, "RP-HPLC Method Development and Validation of Desvenlafaxine in Bulk

and Pharmaceutical Formulations”. *Journal of Pharmacy Research* 2012, 5(3),1611-1613.

10. 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.
11. Praveen Kumar S. N. and Bhadre Gowda D.G. “Development and Validation of HPLC Method for the Determination of Simvastatin in Bulk and Pharmaceutical Formulation”, *J. Chem. Pharm. Res.*, 2012, 4(5):2404-2408.
12. Praveen Kumar S. N. and Bhadre Gowda D.G. “Development and Validation of HPLC Method for Determination of Tramadol Hydrochloride in Solid Dosage Form”. *Journal of Pharmacy Research* 2012, 5(3),1438-1440.
13. C. Mallikarjunaswamy, D. G. Bhadregowda, and L. Mallesha “Synthesis and Antimicrobial Activity of Pyrimidine Salts with Chloranilic and Picric Acids” *Journal of chemistry* 2012.
14. Oxidation of L-Amino acids with Metal ion in Sulphuric Acid Medium: Effect of Nucleophilicity and Hydrophobicity on reaction rate. M. N. Kumara, K. Mantelingu, D. G. Bhadregowda, Kanchugara Koppal S. Rangappa, *Int. J. Chem. Kinet.*,43(11), 599-666, 2011.
15. β -Cyclodextrin Catalyzed Oxidation of Some α -Amino acids with Chloramine-T in Alkaline Medium: Kinetics and Mechanistic Studies. P. Prasantha, B. K. Kempegowda, D. G. Bhadregowda, K.Mantelingu, S. Ananda, K.S.Rangappa and M. N. Kumara. *Journal of Molecular Catalysis A: Chemical*, 353-354, 111-116, 2012.
16. S.N. Praveen Kumar, D.G. Bhadre Gowda, K. Mantelingu, K.S. Rangappa “Development and validation of a reversed-phase HPLC method for the analysis of garcinol and isogarcinol in Garciniaindica” *Journal of pharmacy research* 7 (2013) 103 -106.
17. Mohan Kumar, C. Mallikarjunaswamy, M. A. Sridhar, D. G. Bhadregowda, Kamini Kapoor, Vivek. K. Gupta and Rajni Kant “5-Bromo-2-chloropyrimidin-4-amine” *ActaCryst.* (2013). E69, o583.
18. Mohan Kumar, C. Mallikarjunaswamy, M. A. Sridhar, D. G. Bhadregowda, Kamini Kapoor, Vivek. K. Gupta and Rajni Kant “Ethyl 2-(quinolin-8-yloxy)acetate monohydrate” *ActaCryst.* (2013). E69, o623.
19. Revanna, C. N. and Raghavendra, G. M. and Nandeesh, K. N. and Bhadregowda, D. G. and Rangappa, K. S. and Mantelingu, Kempegowda (2013) *Convenient synthesis of novel N-(5-allyl-7,7-difluoro)-4,5,6,7-tetrahydro-2H-indazol-3-yl)-carboxymides. Tetrahedron Letters* , 54 (38). 5224 - 5226.

20. C. Mallikarjunaswamy, L. Mallesha, D.G. Bhadregowda, Othbert Pinto “Studies on synthesis of pyrimidine derivatives and their antimicrobial activity”, *Arabian Journal of Chemistry* (2013)
21. Praveen Kumar S. N, Bhadre Gowda D. G, VathsalaDeepu C, Mantelingu K and Rangappa K. S “Development and validation of a normal phase HPLC method for separation of anacardic acid isomers in cashew nut shell liquid”, *J. Chem. Pharm. Res.*, 2013, 5(5):369-373.
22. Praveen Kumar S. N, Bhadre Gowda D. G, VathsalaDeepu C, Mantelingu K. “Simultaneous estimation of statins like pravastain, atorvastatin and simvastatin in bulk and pharmaceutical dosage form by means of High-Performance Liquid Chromatography”, *J. Chem. Pharm. Res.*, 2013, 5(5):359-364.
23. C. V. Deepu, M. Manjula, K. J. Pampa, D. G. Bhadregowda and N. K. Lokanath, “7-Bromo-3,3-dibutyl-8-methoxy-2,3-dihydro-1,5-benzothiazepin-4(5H)-one”, *ActaCryst.* (2013). E69, o1129.
24. Praveen Kumar, S. N. and Bhadregowda, D. G. and Rangappa, K. S. (2014) Development and validation of internal standard GC assay method for determination of gabapentin in bulk and pharmaceutical formulation. *International Journal of Advance Pharmaceutical and Biological Sciences*, 4 (1). pp. 30-35. ISSN 2249-8966.
25. Hemaraju, B. C. and Madhukar, B. S. and Bhadregowda, D. G. and Gnana Prakash, A. P. (2014) Growth and characterization of new organic nonlinear optical crystal (R)-2-cyano-N-(1-phenylethyl) acetamide. *AIP Conference Proceedings*, 1591 (1).
26. Revanna, C. N. and Basappa, and Srinivasan, V. and Feng Li, and KodappullySivaramanSiveen, and Xiaoyun Dai, and ShivananjuNanjundaSwamy, and Bhadregowda, D. G. and GautamSethi, and Mantelingu, K. and Andreas Bender, and Rangappa, K. S. (2014) Synthesis and biological evaluation of tetrahydropyridinepyrazoles (‘PFP’s) as inhibitors of STAT3 phosphorylation. *Journal of the European Federation for Medicinal Chemistry* , 5 (1). pp. 32-40. ISSN 2040-2503.
27. Chandrashekaraiyah, M. and Lingappa, M. and Vathsala, D. C. G. and Bhadregowda, D. G. (2014) Synthesis of some new pyrimidine-azitidinone analogues and their antioxidant, in vitro antimicrobial, and antitubercular activities. *Journal of Chemistry*. ISSN 0973-4945.

CONFERENCE: ATTENDED/PARTICIPATED

Name of the Seminar/ Conference/ Symposia Workshop, etc.	Name of the Sponsoring Agency	Place and Date
19 th Conference of Indian council of Chemist	UGC & Kuvempu University, Shimoga,	27-29 th of Nov-2000 Shimoga., INDIA
19 th Conference of Indian council of Chemist	UGC & University of Mysore, Mysore,	22-24 th Dec-2001 Mysore, INDIA
State level Seminar on frontiers of Science and Technology	UGC, University of Mysore and Yuvaraja's College, Mysore,	5 th Jan-20004 Mysore, INDIA
National Workshop on bioinformatics	UGC and University of Mysore, Mysore,	20-24 th Jan-20005 Mysore, INDIA
Workshop on innovative development in teaching chemistry	DOS in Chemistry, MGM University of Mysore, Mysore,	15 th july-2005, Mysore, INDIA
State level seminar on Recent Trends in Chemistry	Bharathi College, Bharathi Nagara, Mandya, University of Mysore,	13 th Sep 2008, INDIA
38 th National Seminar on Crystallography	University of Mysore and DOS in Geology, MGM - 06	11-13 th Feb-2009 Mysore, INDIA
State level seminar on Relevance of Chemistry in Contemporary Society	PES College of Science Arts and Commerce , Mandya, University of Mysore.	20 th March-2009 INDIA
National Conference on The Emerging Areas in Chemistry	Department Of Studies in Chemistry Manasagangothri, University of Mysore	31 th July- 1 th Aug- 2009 INDIA
State level seminar on Recent Developments in Nano Chemistry: An Overview	Department of Chemistry, post graduation centre, Government Science college, Hassan	10 th October -2009,
International Conference on current trnds in Chemistry and Biochemistry	University of Bangalore, Bangalore	Dec. 18 - 19, 2009.

International Symposium on Challenges Drug Discovery Programme-	KSOU, Manasagangotri, Mysore	Feb.16 and 17, 2011.
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