

## Brief Curriculum vitae

Dr. Basawaraj Raga  
Professor

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### **Education Qualifications :**

**Ph.D** : Department of Pharmaceutical Chemistry, Gulbarga University, Gulbarga,  
2004.

**M.Pharm** : Department of Pharmaceutical Chemistry, Karnataka College of  
Pharmacy, Bidar. 2006.

**M.Phil** : Department of Pharmaceutical Chemistry, Gulbarga University,  
Gulbarga, 1996

**M.Sc** : Department of Pharmaceutical Chemistry, Gulbarga University,  
Gulbarga, 1994

**B.Pharm** : Karnataka College of Pharmacy, Manahalli Road, Bidar. 1990.

### **Teaching Experience : 25 years**

1. From 9<sup>th</sup> October 2020 onwards working as professor in the Department of Pharmaceutical Chemistry, HKES's MTRIPS-Kalaburagi. Till date
2. Worked as a professor from 11<sup>th</sup> September 2006 to 8<sup>th</sup> October 2020 in the Dept. Pharmaceutical Chemistry, Karnataka college of pharmacy, Bidar.
3. Worked as Asst. Professor, from 01-01-2000 to August 2004, R.M.E.S. College of Pharmacy, Gulbarga.
4. Worked as a Lecturer for 2 years (June 1994 to Dec 1994 and March 1998 to Dec 1999) in the Luqman College of Pharmacy, Gulbarga.
5. Worked as Lecturer for 3 years (from Jan 1995 to Feb 1998) at S.V.E.T College Of Pharmacy, Humnabad, Dist Bidar.
6. Worked as a Lecturer for one year (June 1990 to May 1991) at M.H.G. Institute Of Pharmacy, Manahalli Road, Bidar.

## **Research Experience**

During my Ph.D programme, I have worked in the synthesis of heterocyclic compounds of biological and pharmacological interest especially benzofuran derivatives by using different methods. The synthesized compounds were screened for various biological and pharmacological activities based on their literature survey.

**Subject Teaching at PG Level :** Modern Pharmaceutical Analysis

**UG Level :** Pharmaceutical Organic Chemistry-I

:Pharmaceutical Organic Chemistry-II

:Pharmaceutical Organic Chemistry-III

:Biochemistry

**Research Guidance : Ph.D** Guided successfully **two** candidates

Dr. Sidramappa Chickpetty From JNTU Hyderabad

Dr Chennamma G From JNTU Hyderabad.

Mr Yuraj Submitted to Ambedakar Maratawada University,  
Aurangabad.

**:M.Pharm** guided successfully five candidates.

**Research Publications :** 38 (National and International journals) list enclosed **Presentents :**  
12

**Seminars Attended :** 10

**Workshop attended :** 9

**Membership :** Life member of

Indian Pharmaceutical Association

Association of Pharmaceutical Teachers of India(KA/LM 303)

National Nuclear Magnetic Resonance Society, Bangalore

**Approved Research Supervisor for Ph.D programme**

JNTU,Kukatpally, Hyderabad(Telangana)

Nagarjun University, Nagarjun nagar(A.P)

Dr Ambedakar Maratawada University,Aurgabad.

## LIST OF PUBLICATIONS

1. Synthesis and biological evaluation of some novel benzofuran pyridine derivatives. M.Channamma and **Raga Basawaraj**, Indian Journal of Heterocyclic Chem., Vol.23, Octo-Dec 2013, 183-188.
2. Reaction products of 5-bromobenzofuran-2-yl-aryl methanone and their antimicrobial activities. Syed Sarfraz Ali, M.Channamma and **Raga Basawaraj**, Indian Journal of Heterocyclic Chem., Vol.23, Octo-Dec 2013, 189-196.
3. Formulation, in vitro drug release and *in vivo* human X-ray investigation of polysaccharide based drug delivery system for targeting 5-fluorouracil to the colon, Sidramappa Mallikarjun Chickpetty, **Basawaraj Veerappa Raga**, Brazilian Journal of Pharmaceutical Sciences Vol. 49, n., Apr/jun., 2013.
4. Synthesis, antimicrobial and antitubercular activities of some new benzofuro[3,2-d]pyrimidine derivatives, **Raga Basawaraj**, Omakar Khandre and S.Sangapure, Indian Journal of Heterocyclic Chem., Vol. 22, July-Sept., 2012, 21-26.
5. Synthesis, characterisation and biological activities of some new azetidione-2-ones and thiazolidine-4-ones bearing benzofuran moiety, Vijaykumar Tirlapur and **Raga Basawaraj**, Indian Journal of Heterocyclic Chem., Vol.22, July-Sept., 2012, 141-146.
6. *In Vivo* Human X-ray investigation of combined polysaccharide based drug delivery systems prepared for colonic delivery. Sidramappa M. Chickpetty, **Basawaraj Raga**, Drug Delivery Letters, 2, 2012, 118-125.
7. Development of novel combined time and PH-dependent base drug delivery systems for targeting 5-fluorouracil to the colon, M.Sidramappa Chickpetty, **Raga Basawaraj** and Sunilkumar G. Current Drug Delivery, 2011, 8, 566-574.
8. Synthesis and anti-inflammatory activity of 1H-Pyrazolines bearing 5-bromo-3-aminobenzofuran. Siddanna Durgad, Mahesh Kumbhar, **Raga Basawaraj**, T.Susan Srujana. Indian Journal of Heterocyclic Chem., Vol. 21, Octo-Dec., 2011, 167-172.
9. Synthesis of some pyrazole incorporated benzofurans and their anti-inflammatory activity. **Raga Basawaraj**, Varsha Chavan, Patil Ashok. Indian Journal of Heterocyclic Chem., Vol. 20, Octo-Dec, 2010, 129-132.
10. Synthesis and biological activities of some new substituted benzofuranopyridines. VijayKumar Tirlapur, **Raga Basawaraj** and Y.Rajendra Prasad. Indian Journal of Heterocyclic Chem., Vol. 20, July-Sept., 2010, 49-52.
11. Synthesis and biological activities of some new benzofuranopyrazoles. VijayKumar Tirlapur, **Raga Basawaraj** and Y.Rajendra Prasad. Indian Journal of Heterocyclic Chem., Vol. 20, July-Sept., 2010, 57-60.
12. Synthesis and biological activities of some quinazolinone derivatives from mefanamic acid, Manjunath S.Y, Kashinath Naubade and **Raga Basawaraj**, Indian Journal of Heterocyclic Chem., Vol. 20, July-Sept., 2010, 53-56.
13. Synthesis and antitubercular activities of some azetidione and thiazolidinone derivatives from 5-chloro-3-methylbenzofuran. **Raga Basawaraj**, Amith L, Vijaykumar Tirlapur. International J. Chem Tech Research, Vol, 2, No 3, pp 1764-1770, July-Sept. 2010.

14. Studies on design and in vitro evaluation of compression coated delivery systems for colon targeting of diclofenac sodium. Chiekkpetty S.M and **Raga Basawaraj**, International J.Chem Tech Research, Vol,2, No 3, pp1764-1770, July-Sept. 2010.
15. Synthesis, Characterization and biological activities of some new pyrimidines and isoxazoles bearing benzofuran moiety. Vijaykumar Tirlapur, Narshima Gandhi, **Raga Basawaraj**, Volo, 2, No 3, pp1764-1770, July-Sept. 2010.
16. Synthesis of some new series of pyrimidine and isoxazoline derivatives and their pharmacological screening. **Raga Basawaraj**, Ravi Hasappa, Neelavathi Chillargi. Indian Journal of Heterocyclic Chem., Vol. 19, 2010, 253.
17. Synthesis and biological activities of some pyrazolines derived from benzofuran, **Raga Basawaraj**, Goled Shashikanth and S.S.Sangapure, Indian Journal of Heterocyclic Chem., Vol. 19, 2009, 201.
18. Synthesis and biological screening of some new series of arylthiazole derivatives, **Raga Basawaraj** and Majid Shabbir, Asian J. Research Chem., 2(3), 2009, 451.
19. Synthesis and antimicrobial activities of oxadiazoles, thiadiazoles and triazoles containing 5-bromo-3-aminobenzofuran nucleus. Parameshwarappa G, **Raga Basawaraj**, Omakar, K and Sushila Sangapure. Heterocyclic Communication (Accepted).
20. Synthesis of various azetidinone and thiazolidinone derivatives from 5-chloro-3-methyl-2-(2'-aminothiazole-4'-yl)benzofuran and their biological activities. **Raga Basawaraj**, Srikanth Patil, T.Vijaykumar and Ashok Patil. Organic Chemistry an Indian Journal, OCAIJ, Vol, 05, 2009,1.
21. Synthesis and biological activities of thiazolidinones derived from mefenamic acid, Kashinath Naubade, Y.Rajendra Prasad, T.Vijaykumar and **Raga Basawaraj**. Indian Journal of Heterocyclic Chem., Vol. 19, 2009, 109.
22. Synthesis and antihelmenthic activity of triheterocycles 2-[5'-(5''-substituted-3''-phenylindol-2''-yl)-1'-3'-4'-oxadiazol-2'-yl-sufanylmethyl]benzimidazole. Manjunath S.Y, J.S.Biradar and **Raga Basawaraj**, Indian Journal of Heterocyclic Chem., Vol. 19, 2009, 109.
23. Synthesis and pharmacological activities of substituted pyrimidines and isoxazolines bearing 5-chloro-3-methylbenzofuran-2-yl nucleus. **Raga Basawaraj**, Ashok Patil and Y Rajendra Prasad, Indian Journal of Heterocyclic Chem., Vol. 18, 2009, 235.
24. Synthesis and biological evaluation of some benzofuro[3,2-d]pyrimidine derivatives. **Raga Basawaraj**, Goled Shashikanth, M.H.Hugar and S.S.Sangapure. Indian Journal of Heterocyclic Chem., Vol. 18, 2009, 235.
25. Synthesis and biological activities of some pyridyl substituted benzofurans. **Raga Basawaraj**, S.N.Goled, G.Parameshwarappa and S.S.Sangapure. Indian Journal of Heterocyclic Chem., Vol. 18, 2009, 325.
26. Synthesis, characterisation and biological activities of some thiazolotriazines and thiazolidinones containing 5-chloro-3-methyl-2-yl benzofuran moiety. **Raga Basawaraj**, and S.S.Sangapure. Indian Journal of Heterocyclic Chem., Vol. 18, 2008, 173.

27. Reaction products of 2-substituted-4-chlorobenzofuro[3,2-d]pyrimidines and antimicrobial activities. **Raga Basawaraj**, S.N.Goled, G.Kalaskar and S.S.Sangapure. Indian Journal of Heterocyclic Chem., Vol. 18, 2008, 01.
28. Synthesis of some 1,5-benzodiazepines and 1,5-benzothiazepines bearing benzofuran moiety as possible CNS depressants. **Raga Basawaraj**, Kashinath Naubade and S.S.Sangapure. Indian Journal of Heterocyclic Chem., Vol. 17, 2008, 217.
29. Synthesis of some 3-aryl-2-(5'-chloro-3'-methylbenzofuran-2'-yl)-1,4-quinoxalyl methanes of biological interest. **Raga Basawaraj**, and S.S.Sangapure. Int.J.Chem., Sci, 6(01), 2008,351.
30. Synthesis of new benzofuran analogues from 5-bromosalicylaldehyde and their biological activities. Ganagajji Parameshwarappa, **Raga Basawaraj** and Sushila Sangapure, Organic Chemistry an Indian Journal, OCAIJ, 4(05), 2008,375.
31. Synthesis and biological evaluation of some new benzofuran derivatives. **Basawaraj R**, Parameshwarappa G and S.S.Sangapure. Indian Drugs, 44(01), 2007, 08.
32. Synthesis of some new pyrazolines, Isoxazolines and Pyrimidines as potential antimicrobial agents. **Raga Basawaraj**, Ahmed Ali and S.S.Sangapure. Indian Journal of Heterocyclic Chem., Vol. 17, 2007, 11.
33. Synthesis and biological screening of some new series of 2-N-arylaminoacetyl-5-chloro-3-methylbenzofuran. **Raga Basawaraj**, G.Parameshwarappa and S.S.Sangapure. Indian Journal of Heterocyclic Chem., Vol. 16, 2006, 75.
34. Microwave assisted preparation of organic acid anhydride. M.H.Hugar, S.S.Bhushetty, **Raga Basawaraj** and K.Durgarao. Research J Chem and Environment. 10(01), 2006, 45.
35. Synthesis and Pharmacological activities of some 2-arylamino/arylidine(5'-chloro-3'-methylbenzofuran-2'-yl)thiazole derivatives. **Raga Basawaraj**, Suresh Maddur and S.S.Sangapure. Indian Journal of Heterocyclic Chem., Vol. 11, 2005, 31.
36. Synthesis and biological activities of some 1,3,4-oxadiazoles, thiadiazoloes, triazoles and related compounds possessing benzofuran moiety. **Raga Basawaraj**, and S.S.Sangapure. Indian J. Pharmaceutical Sciences, 66(02), 2004, 221.
37. Synthesis of some 1H-Pyrazolines bearing benzofuran as biologically active agents. **Raga Basawaraj**, Bodake and S.S.Sangapure. Indian Journal of Heterocyclic Chem., Vol. 11, 2004, 31.
38. Synthesis of some bis-(1,3,4-oxadiazole-2'-yl)methanes of biological and pharmacological interest. **B.V.Raga** and S.S.Sangapure, Asian J.Chem, 9(04), 1997, 663.