

## Complete Bio-data

**Dr. B. S. Priya**

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### Education:

**Ph.D. (Chemistry), University of Mysore, India- 2006**

**M.Sc. (Chemistry), University of Mysore, India, 2001**

**B.Sc. (Physics, Chemistry, Mathematics), University of Mysore, 1999**

### Research / Teaching Experience:

- **July 2022 to till date**  
**Professor**, Department of Studies in Chemistry, University of Mysore, Mysore-6.
- **July 2019 to July 2022**  
**Associate Professor**, Department of Studies in Chemistry, University of Mysore, Mysore-6.
- **July 2007 to July 2019**  
**Assistant Professor**, Department of Studies in Chemistry, University of Mysore, Mysore-6.
- **Senior Research Fellow - March 2005 - Nov 2006, University of Mysore Post Graduate Fellowship**, worked on the thesis entitled "*Synthesis, Characterization and Biological Studies of Some Bioactive Heterocycles*" under the supervision of Prof. K. S. Rangappa, Department of Studies in Chemistry, University of Mysore, Manasagangothri, Mysore-6, India.
- **Junior Research Fellow - March 2003 - March 2005: University of Mysore Post Graduate Fellowship**, worked on the thesis entitled "*Synthesis, Characterization and Biological Studies of Some Bioactive Heterocycles*" under the supervision of **Prof. K. S. Rangappa**, Department of Studies in Chemistry, University of Mysore, Manasagangothri, Mysore-6, India.

### Academic affiliations /Awards / Research positions:

- ❖ **Young Scientist Award** for best oral presentation of research paper entitled "Synthesis, characterization, antimicrobial and single crystal X-ray crystallographic studies of some new sulfonyl, 4-chloro phenoxy benzene and dibenzoazepine substituted benzamides" at Silver Jubilee conference of Indian Council of Chemists held at Birla college of Arts, Science and Commerce, Kalyan, Mumbai, 2006.
- ❖ **Prof. H. Sankegowda Felicitation committee** endowment prize for securing highest marks in physical chemistry by University of Mysore (2001).
- ❖ Member: Indian Science Congress

- ❖ Member: Indian Council of Chemists
- ❖ Member: BOS in Chemistry, MGM
- ❖ Chairperson: BOE in Chemistry, MGM (2020-2022)
- ❖ Member: BOE in Chemistry, MGM
- ❖ Member: BOS in Chemistry, KSOU, Mysore
- ❖ Member: BOS in Chemistry, St Philomena's College, Mysore
- ❖ Member: BOE in Chemistry, St Philomena's College, Mysore
- ❖ Member: BOE in Chemistry, Yuvaraja's College, Mysore
- ❖ Member: BOE in Chemistry, JSS College, Ooty Road, Mysore
- ❖ Member: Faculty of Science and Technology, UOM, Mysore
- ❖ Awarded University of Mysore Post Graduate **Senior Research Fellowship, (2005).**
- ❖ Awarded University of Mysore Post Graduate **Junior Research Fellowship, (2003).**

**Number of Sponsored Research Projects: 05**

SI No	Title of the Project	Funding Agency	Amount Rs	Year of Commencement
01	<b>Principal Investigator</b> "Synthesis and efficacy of 1,2-Benzisoxazole derivatives for acetyl cholinesterase inhibition, as a stimulant of central cholinergic neurotransmission in Alzheimer's disease"	University of Mysore Minor Research Project	1,00,000/-	2009-2011
02	<b>Principal Investigator</b> Exploring the anticancer potentials of novel 4,6-disubstituted-1,2,4-triazolo-1,3,4-thiadiazoles	SERB-DST, Govt of India Fast Track Research Project	25,00,000/-	2012-2015
03	<b>Principal Investigator</b> "Synthesis of Novel Isobenzofuran Carboxamides and Exploring their Anti-Cancer Potentials"	University Grants Commission, Govt of India UGC Major Research Project	12,63,300/-	2012-2015
04	<b>Co-investigator</b> "Plant based therapeutics: A better and efficient approach to treat arthritis"	University of Mysore under Institute of Excellence Scheme, MHRD, Govt of India, New Delhi	800,000/-	2011-13
05	<b>Principal Investigator</b> "Targeted inhibition of PI3K/Akt/mTOR signalling cascades for the treatment of hepatocellular carcinoma"	SERB-DST, Govt of India EMEQ Research Project	11,00,000/-	2015-17

**Ph. D Students – Awarded**

<b>SI No</b>	<b>Name</b>	<b>Title of the Ph. D research work</b>	<b>Status</b>
<b>1</b>	<b>Raghu</b>	Synthesis, characterization and biological evaluation of heterocyclic compounds	<b>Awarded-2016</b>
<b>2</b>	<b>C. Vandana</b>	Novel methodologies for synthesis of some heterocyclic compounds	<b>Awarded-2017</b>
<b>3</b>	<b>T. Shubhavathi</b>	Synthesis, characterization and biological potentials of Benzazepines and Benzothiazoles	<b>Awarded-2017</b>
<b>4</b>	<b>H.S. Savitha</b>	Oxidation of some organic substrates using organic N-Halogeno compounds : Kinetics and Mechanistic approach	<b>Awarded-2019</b>
<b>5</b>	<b>S. Ranjith</b>	Development of novel methodologies for the synthesis of heterocyclic compounds and their biological studies	<b>Awarded-2019</b>
<b>6</b>	<b>Manjunath. M. R</b>	A facile and efficient novel methodologies for C-C and C-Heteroatom bond formations in organic synthesis	<b>Awarded-2022</b>
<b>7</b>	<b>Sushma</b>	Synthesis, Characterization and Liquid Crystal study of some Imines and heterocycles with alkyl groups	<b>Awarded-2023</b>

**Ph. D Students – Ongoing:**

<b>SI No</b>	<b>Name</b>	<b>Title of the Ph. D research work</b>	<b>Status</b>
<b>1</b>	<b>Hariprasad P</b>	“Synthesis and characterization of N-functionalized heterocyclic compounds	<b>Ongoing</b>
<b>2</b>	<b>Lisha K Poonacha</b>	Registered -2021	<b>Ongoing</b>
<b>4</b>	<b>Aishwarya B N</b>	Registered -2021	<b>Ongoing</b>
<b>5</b>	<b>Vindhya H S</b>	Registered -2022	<b>Ongoing</b>
<b>6</b>	<b>Chandan N</b>	Enrolled -2022	<b>Ongoing</b>
<b>7</b>	<b>Chandra Priya P</b>	Enrolled -2022	<b>Ongoing</b>

## Research Publications: 58

- 1) Basappa Basappa , Lisha K. Poonacha , Zhang Xi , Divakar Vishwanath , Ji-Rui Yang , Omantheswara Nagaraja , Ananda Swamynayaka , Mahendra Madegowda , Arunachalam Chinnathambi , Sulaiman Ali Alharbi , Doddahosuru Mahadevappa Gurudatt , Vijay Pandey , Nanjundaswamy Shivananju , Kwang Seok Ahn , Gautam Sethi , Peter E. Lobie and **Priya Babu Shubha**  
“Nano-Zirconium Dioxide Catalyzed Multicomponent Synthesis of Bioactive Pyranopyrazoles That Target Cyclin Dependent Kinase 1 in Human Breast Cancer Cells”  
**Biomedicines 2023, 11, 172. <https://doi.org/10.3390/biomedicines11010172> (IF = 4.7)**
- 2) Ranjith Siddaraj, Raghu Ningegowda, Shivananju Nanjunda Swamy, Sandeep Chadrashekarappa, **Babu S Priya**  
“A New Strategy in the Synthesis of amide bearing Pyrrolizine from 2-pyroglutamic acid”  
**Chemistry Select, Volume 8, Issue 11, 2023 (IF = 2.307)**
- 3) Sushma, **B.S. Priya**, S. Ananda, M.P. Sadashiva, K.M. Lokanatha Rai  
“A Study of Mesomorphic Properties of Rod-shaped 1,2,4-triazine Integrated Imine Compounds”  
**International Journal of Chemical Synthesis and Chemical Reactions, ISSN: 2582-5917 Volume 8, Issue 2, 2022 DOI (Journal): 10.37628/IJCSCR**
- 4) Sushma, **B.S. Priya**, S. Ananda  
“Mesomorphic Study of Achiral Hockey Stick-Shape Imine Linked Thiadiazole Compounds”  
**International Journal of Composite Materials and Matrices, ISSN: 2582-435X Volume 8, Issue 2, 2022 DOI (Journal): 10.37628/IJCMM (IF= 3.191)**
- 5) Suresha N. Deveshgowda, Prashant K. Metri, Rashmi Shivakumar, Ji-Rui Yang, Shobith Rangappa , Ananda Swamynayaka, Muthu K. Shanmugam, Omantheswara Nagaraja, Mahendra Madegowda, **Priya Babu Shubha**, Arunachalam Chinnathambi, Sulaiman Ali Alharbi, Vijay Pandey , Kwang Seok Ahn, Peter E. Lobie and Basappa Basappa  
“Development of 1-(4-(Substituted)piperazin-1-yl)-2-((2-((4- methoxybenzyl)thio)pyrimidin-4-yl)oxy)ethanones That Target Poly (ADP-Ribose) Polymerase in Human Breast Cancer Cells”  
**Molecules, 27, 2848, 2022 (IF=4.41)**
- 6) Neema K N, Vivek Hamse Kameshwar, Zohara Nafeesa, Divya K, **Priya B S**, Nagendra Prasad M. N, S Nanjunda Swamy  
“Serine protease from Indian cobra venom: Its anticoagulant property and effect on human fibrinogen”  
**Toxin Reviews, 45(1), 165-174, 2022 (IF=4.26)**
- 7) Manjunatha M.Ramaiah, **Priya Babu Shubha**, HariPrasad, Nanjunda Swamy Shivananju  
“Novel synthesis of N-unsubstituted imidazoles via the cycloaddition of N-(tert-butylsulfinyl) imines and TosMIC”  
**Tetrahedron Letters, 61(14), 151705, 2020 (IF= 2.41)**

- 8) Manjunatha M. Ramaiah, Nanjunda Swamy Shivananju and **Priya Babu Shubha**  
 "1,8-Diazabicyclo[5.4.0]undec-7-ene mediated formation of N-sulfinyl imines"  
**Journal of Chemical Research**, 44(1-2), 72-79, 2020 (IF= 1.097)
- 9) Divya K, Vivek H K, Neema K N, **B S Priya**, S Nanjunda Swamy  
 "Purification and biochemical characterization of a novel secretory Dipeptidyl peptidase IV from porcine serum"  
**Molecular and Cellular Biochemistry**, 71, 71–80, 2020 (IF=3.39)
- 10) Divya K, Vivek H K, **B S Priya**, S Nanjunda Swamy  
 "Rapid detection of DPP-IV activity in porcine serum: A fluorospectrometric assa"  
**Analytical Biochemistry**, 592,113557, 2020 (IF= 2.22)
- 11) Manjunatha M. Ramaiah, Nanjunda Swamy Shivananju and **Priya Babu Shubha**  
 "A Facile, Efficient and Solvent-Free Titanium (IV) Ethoxide Catalysed Knoevenagel Condensation of Aldehydes and Active Methylenes"  
**Letters in Organic Chemistry**, 17(02), 107-115, 2020 (IF= 0.86)
- 12) Raghunandan P, Baskaran V, **Priya B S** and Nanjunda Swamy S, (2019),  
 "Intestinal absorption of Astaxanthin and Fucoxanthin; role PPAR $\alpha$  and SRB1 and modulation by selected PPAR $\delta$  ligands"  
**National Journal of Physiology Pharmacy and Pharmacology** . 2019, DOI:  
<https://doi.org/10.5455/njppp.2019.062007062019>
- 13) Venkatesh Bommalapura Kulkarni& Raghu Ram Achar & Maheshwari Mahadevappa & Dinesh Sosalagere Manjegowda & **Priya Babu Shubha** & Sharanappa Puttappa & Shivananju Nanjunda Swamy  
 "Hemostatically potent small molecular weight serine protease from *Maclura spinosa* (Roxb. ex Willd.) accelerates healing of subcutaneous dermal wounds in Swiss albino mice"  
**Biologia**, 2019, doi.10.2478/s11756-019-00322-y (IF=0.7)
- 14) Bhat P, Kriel J, **Shubha Priya B**, Basappa, **Shivananju Nanjunda Swamy**, Loos B  
 "Modulating autophagy in cancer therapy: Advancements and challenges for cancer cell death sensitization"  
**Biochemical Pharmacology**.147:170-182, 2018 (IF=4.5)
- 15) Ranjith Siddaraj, Raghu Ningegowda, **Nanjunda Swamy Shivananju**, **Babu Shubha Priya**  
 "A mild and efficient method for the deprotection of trimethyl silyl alkynes using sodium ascorbate and copper sulphate".  
**European Journal of Chemistry**, 9(4), 317-321, 2018 (IF=0.5)

- 16) Ranjith Siddaraj, Shivaraja Govindaiah, Raghu Ningegowda, Nanjunda Swamy Shivananju, **Babu Shubha Priya**  
*"A novel and expeditious synthesis of oxazolidinone drugs linezolid and eperzolid."*  
**European Journal of Chemistry**, 9(4), 353-359, 2018 **(IF=0.5)**
- 17) Neema K N, Narasimha Swamy, **Priya B S, S**, Nanjunda Swamy.  
*"Potential anticancer activity of Indian cobra (Naja naja) venom components on Human Cancer Cell Lines"*  
**International Journal of Pharmacy and Pharmaceutical Research**, 13(1), 380-386, 2018
- 18) Raghu Ningegowda, Nanjunda Swamy Shivananju, Peramiyan Rajendran, Salundi Basappa, Kanchugarakoppal S Rangappa, Arunachalam Chinnathambi, Feng Li, Raghu Ram Achar, Muthu KShanmugam, Pradeep Bist, Sulaiman Ali Alharbi, Lina Hsiu Kim Lim, Gautam Sethi, **Babu Shubha Priya**  
*"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**, 22(1):145-157, 2017 **(IF=3.8)**
- 19) Raghu Ram Achar, Venkatesh B. K, Vivek H. K, **Priya B. S**, Nanjunda Swamy S  
*"Caralluma umbellata Peroxidase: Biochemical Characterization and Its Detoxification Potentials in Comparison with Horseradish Peroxidase"*  
**Applied Biochemistry and Biotechnology**, 181(2):801-812, 2017 **(IF=1.9)**
- 20) H.S Savitha, J.P. Shubha, Puttaswamy, S. Nanjunda Swamy, **B.S. Priya**  
*"Mechanistic study and kinetic modeling of oxidative conversion of quinolines to their N-oxides by acidified bromamine – B"*  
**International Journal of Innovative Research in Science, Engineering and Technology**, 6(3), 2017
- 21) T. Shubhavathi, Raghu Ram Achar, **B.S. Priya**  
*"3-Benzazepinone Derivatives : Antioxidant Activity and its Structure Activity Relationship (SAR) studies"*  
**Indo American Journal of Pharmaceutical Research**, 7(01), 7415-7419, 2017 **(IF=4.58)**
- 22) Vivek Hamse Kameshwar, Kumar. J. R, **Babu. S. Priya**, S. Nanjunda Swamy:  
*"Synthesis, characterization and bioactivity studies of novel 1, 3, 4-oxadiazole small molecule that targets basic Phospholipase A2 from Vipera russell"*  
**Molecular and Cellular Biochemistry**, 426(1-2), 161-175, 2016 **(IF=2.66)**
- 23) B. R. Shivalingu, H. K. Vivek, **B. S. Priya**, K. N. Soujanya, S. Nanjunda Swamy:  
*"Purification and characterization of novel fibrin(ogen)olytic protease from Curcuma aromatica Salisb.: Role in hemostasis"*  
**Phytomedicine**, 23(13):1691-1698, 2016 **(IF=3.51)**

- 24) Vandana Cherkadu, Praveen Kalavagunta, Narender Ravirala, Nanjunda Shivananju, **Babu S Priya** “Zinc Chloride Catalyzed, Dipolar Aprotic Solvent-Mediated, One-Pot Synthesis of 2 [(Benzo[d]thiazol-2-ylamino)(phenyl)methyl]phenols”  
*Synlett* , **27(20): 2795-2798, 2016** **(IF=2.53)**
- 25) H.S Savitha, J.P. Shubha, Puttaswamy, S. Nanjunda Swamy, **B.S. Priya**  
“OsO(IV) catalyzed oxidative decolorization of azo dye metanil yellow by bromamine –B in alkaline medium: Spectrophotometric, kinetic and mechanistic approach”  
*IOSR Journal of Applied Chemistry (IOSR-JAC)*, **9 (8), 63-73, 2016**
- 26) Shubhavathi Thimmaiah, Mallesha Ningegowda, Nanjunda Swamy Shivananju, Raghu Ningegowda, RanjithSiddaraj, **Babu Shubha Priya**  
“Eaton’s Reagent Catalysed Alacritous Synthesis of 3-Benzazepinones”  
*European Journal of Chemistry*, **7 (4), 391-396, 2016** **(IF=1.0)**
- 27) Raghu Ningegowda, Savitha Bhaskaran, Ayyiliath.M. Sajith, Chandrashekar Aswathanarayanappa, M. Syed Ali Padusha, Nanjunda Swamy S, **Babu Shubha Priya**  
“Mo(CO)<sub>6</sub> as a Solid CO Source in the Synthesis of Aryl/Heteroaryl Weinreb Amides under Microwave-Enhanced Condition”  
*Australian Journal of Chemistry*, **70 (1), 44-51, 2016** **(IF=1.42)**
- 28) Vandana Cherkadu, Praveen Kumar Kalavagunta, Mallesha Ningegowda, Nanjunda Swamy Shivananju, Mahendra Madegowda, **Babu Shubha Priya**  
“FeCl<sub>3</sub>-Catalyzed Three-Component One-Pot Synthesis of Novel 4-[(Benzo[d]thiazol-2-ylamino)(phenyl)methyl]-3-hydroxy-9H-xanthen-9-ones”  
*Synlett*, **27(7), 1116-1120, 2016** **(IF=2.53)**
- 29) Hosadurga K Keerthy, Hamse K Vivek, Shobith Rangappa, Julian E. Fuchs, Hanumantharayappa Bharathkumar, Krishna C. Bulusu, Lewis H. Mervin, **Babu S Priya**, Basappa, Nanjunda Swamy S, Andreas Bender, Kanchugarakoppal S. Rangappa  
“MOLPRINT 2D-based identification and synthesis of novel chromene based small molecules that target PLA2: Validation through chemo - and bioinformatics approach”  
*RSC Advances*, **5(109), 89797-89808, 2015** **(IF=3.10)**
- 30) Neema K. N, Vivek H. K, Kumar J. R, **B. S. Priya**, S. Nanjunda Swamy  
“Purification and biochemical characterization of L-amino acid oxidase from Western region Indian cobra (*Naja naja*) venom”  
*International Journal of Pharmacy and Pharmaceutical Sciences*, **7(1) ,167-171, 2015**

- 31) B K Venkatesh, Raghu Ram Achar, P Sharanappa, **B S Priya**, S Nanjunda Swamy  
*“Synergistic Caseinolytic Activity and Differential Fibrinolytic Action of Multiple Proteases of *Maclura spinosa* (Roxb. ex Willd.) latex”*  
**Pharmacognosy Magazine, 11(3), S457-61, 2015** **(IF=1.5)**
- 32) Raghu Ningegowda, Nanjunda Swamy, Raghu Ram Achar, Basappa, S. L. Gaonkar, Ranjith, George W. Yip, **B. S. Priya**  
*“A new class of isobenzofuran-5-carboxamide derivatives: synthesis, studies on induction of apoptosis and inhibition of cancer cell proliferation”*  
**Asian Journal of Biochemical and Pharmaceutical Research, 5 (2), 186-197, 2015**
- 33) B. R. Shivalingu, H. K. Vivek, Zohara Naffeesa, **B. S. Priya**, K. S. Girish, S. Nanjunda Swamy  
*“Comparative analysis of procoagulant and fibrinolytic activity of crude protease fractions of turmeric species”*  
**Journal of Ethanopharmacology, 22(172), 261-264, 2015** **(IF=2.9)**
- 34) Nafeesa Z, Shivalingu BR, Vivek HK, **Priya B.S**, Swamy SN.  
*“Evidence for peroxidase activity in *Caralluma umbellata*”*  
**Applied Biochemistry and Biotechnology, 173(8):1955-62, 2014** **(IF = 1.9)**
- 35) Sebastian Anusha, B. S. Anandakumar, Chakrabhavi Dhananjaya Mohan, G. P. Nagabhushana, **B. S. Priya**, Kanchugarakoppal S. Rangappa, Basappa and Chandrappa G. T  
*“Preparation and use of combustion-derived  $Bi_2O_3$  for the synthesis of heterocycles with anti-cancer properties by Suzuki-coupling reactions”*  
**RSC Advances., 4, 52181-52188, 2014** **(IF = 3.78)**
- 36) Hamse K. Vivek, Supritha G Swamy, **Babu. S. Priya**, Gautam Sethi, Kanchugarakoppal. S. Rangappa, S. Nanjunda Swamy  
*“A facile assay to monitor Secretory Phospholipase A2 using 8-Anilino-1-naphthalenesulfonic acid”*  
**Analytical Biochemistry: Methods in the Biological Sciences , 461, 27-35, 2014** **(IF = 3.0)**
- 37) Raghu Ram Achar, B.K. Venkatesh , P. Sharanappa, **B. S. Priya**, S. Nanjunda Swamy  
*“Evidence for peroxidase activity in *Caralluma umbellata*”*  
**Applied Biochemistry and Biotechnology, 173(8):1955-62, 2014** **(IF = 1.9)**
- 38) Divya K , Vivek H.K , Nagendra Prasad M.N , **Priya B. S** , Nanjunda Swamy S  
*“Management of type 2 Diabetes Mellitus by DPP-IV inhibition – A Review”*  
**International Journal of Pharmaceutical & Phytopharmacological Research,**  
**4(2), 134-143 , 2014** **(IF = 2.5)**



- 39) 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(4), 292-9, 2011** **(IF = 2.5)**
- 40) S. Nanjunda Swamy, H. R. Manjunath, **B. S. Priya**, Basappa, M. A. Sridhar and K. S Rangappa  
*“N-[4-Cyano-3-(trifluoromethyl)phenyl]-2-methoxybenzamide”*  
**Acta Crystallographica Section E, 67,0198, 2010** **(IF = 0.4)**
- 41) Raghu Ningegowda, Amit Grover, Basappa, Kanchugarakoppal S. Rangappa, **Priya B.S**, S. Nanjunda Swamy  
*“Synthesis, characterization and in vitro anti-tumor activities of novel 9-ethyl-9H-purine derivatives”*  
**Investigational new drugs, 28(6):754-65, 2010** **(IF = 3.39)**
- 42) M. Mahendra, S. L. Gaonkar, **B. S. Priya**, K. S. Rangappa, S. Nanjunda Swamy  
*“Synthesis and crystal structure of 2-acetyl-3-bromothiophene”*  
**ACTA E Structure Reports Online (E66, o2560), 2010** **(IF = 0.4)**
- 43) Basappa, H. R. Manjunath, S. Nanjunda Swamy, **B. S. Priya**, S. Naveen, M. A. Sridhar, K. S. Rangappa, J. Shashidhara Prasad  
*“Crystal and Molecular Structure Studies of N-(4-chloro-3-(trifluoromethyl)phenyl)-2-methoxybenzamide”*  
**Structural Chemistry Communications, 1(2), 70-71, 2010** **(IF = 0.4)**
- 44) Raghu Ningegowda, Kavitha. C.V, **Priya B.S**, Gaonkar. S. L, Tejasvi M. V, Rangappa K. S, Nanjunda Swamy  
*“Microwave-assisted Solvent-free Synthesis of N-alkyl Benzotriazole Derivatives: Antimicrobial Studies”*  
**Letters in Drug Design & Discovery, 6(7), 2009** **(IF -0.873)**
- 45) Nanjunda Swamy. S, Kavitha. C.V, **Priya B.S**, Gaonkar S. L, Tejasvi M. V and Kanchugarakoppal S. Rangappa,  
*“Microwave-assisted synthesis of N-alkylated bibenzoimidazolyl derivatives: Antimicrobial studies”*  
**Letters in Drug Design & Discovery, 6(5), 380-386 (7), 2009** **(IF -0.873)**
- 46) **Priya B.S**, Anil Kumar. C, Nanjunda Swamy. S, Basappa, Naveen. S, Shashidhara Prasad J, K. S. Rangappa  
*“Antioangiogenic effect of 2-(2-(2-ethoxybenzoylamino)-4-chlorophenoxy)-N-(2-ethoxybenzoyl) benzamine in EAT cell require down regulation of VEGF”*  
**Bio-org & Med. Chem. Lett, 15;17(10):2775-80, 2007** **(IF - 2.83)**

- 47) N. Narendra Sharath Chandra, K.C.Ponnappa, C.T. Sadashiva, **Priya B.S**, Nanda **B. L**,  
T.Veerabasappa Gowda, B.S. Vishwanath and K.S.Rangappa  
*“Chemistry and structural evaluation of different phospholipase A2 inhibitors in arachidonic acid  
pathway mediated inflammation and snake venom toxicity”*  
**Curr Top Med Chem.7 (8):787-800, 2007** **(IF - 4.54)**
- 48) **Priya B.S**, Basappa, Nanjunda Swamy S, Sarala. G, Sridhar M. Anandalwar, Javaregowda S. Prasad  
and Kanchugarakoppal S. Rangappa  
*“Synthesis, characterization, antimicrobial and single crystal X-ray crystallographic studies of some  
new sulfonyl, 4-chloro phenoxy benzene and dibenzoazepine substituted benzamides”*  
**Eur. J. Med. Chemistry, 41, 1262-1270, 2006** **(IF - 2.8)**
- 49) **Priya B.S**, Basappa and K S Rangappa  
*A<sup>2</sup>-Isoxazoline Derivatives as Antimicrobials*  
**Heterocyclic Communications, 12(1), 35-42, 2006** **(IF - 1.73)**
- 50) Nanjunda Swamy. S, Basappa, **Priya B.S**, B Prabhuswamy, B H Doreswamy,  
Shashidhara Prasad J and K S.Rangappa  
*“Synthesis of pharmaceutically important condensed heterocyclic 1, 2, 4-triazolo-1,3, 4-thiadiazole  
derivatives as antimicrobials”*  
**Eur. J. Med. Chemistry, 41(4), 531-538, 2006** **(IF - 2.8)**
- 51) Nanjunda Swamy S, Basappa, Sarala G, **Priya B.S**, Gaonkar S L, Shashidhara Prasad J and  
**Rangappa K S**  
*“Microwave assisted synthesis of N-alkylated Benzotriazole derivatives:antimicrobial studies”*  
**Bio-org & Med Chem Lett, 16(4), 999-1004, 2006** **(IF - 2.83)**
- 52) **Priya B.S**, S. Naveen, Basappa, Sridhar M. Anandalwar, Javaregowda S. Prasad,  
**Kanchugarakoppal S. Rangappa**  
*“Synthesis and Crystal structure of monohydrated 3,4,5-trimethoxy benzaldehyde oxime”*  
**Analytical Sciences, 22, x161-162, 2006** **(IF - 1.73)**
- 53) **Priya B.S**, Naveen. S, Sarala. G, Sridhar. M. A, Javaregowda S. Prasad, Kanchugarakoppal S.  
**Rangappa**  
*“Crystal and Molecular Structure Analysis of 2-ethoxy-N- [4-(pyrimidin-2 yl-sulfamoyl)-  
phenyl]benzamide”*  
**Analytical Sciences, 22, x235-236, 2006** **(IF - 1.73)**
- 54) G. Sarala, S. Nanjunda Swamy, B. Prabhuswamy, **Priya B.S**, Sridhar M.Anandalwar, J.  
**Shashidhara Prasad, and K. S. Rangappa.**  
*“Synthesis and Crystal Structure of 1-(4-Nitrobenzyl)-1H-benzotriazole”*  
**Analytical Sciences, 22(10), x245-246, 2006** **(IF - 1.7)**

- 55) **Priya B.S**, Basappa, Nanjunda Swamy. S & K S Rangappa.  
*“Synthesis and characterization of novel 6-fluoro-4-piperidinyl-1,2-benzisoxazole amides and 6-fluoro chroman-2-carboxamides: Antimicrobial studies”*  
 Bio-org & Med Chem., 13, 2623-2628, 2005 **(IF - 3.04)**
- 56) **Priya B.S**, Naveen. S, Sarala. G, Sridhar. M. A, Javaregowda S. Prasad, Kanchugarakoppal S. Rangappa  
*“Crystal and Molecular Structure Analysis of 2-ethoxy-N- [4-(pyrimidin-2 yl-sulfamoyl)-phenyl]benzamide”*  
 Analytical Sciences, 22, x235-236, 2006 **(IF - 1.73)**
- 57) G. Sarala, S. Nanjunda Swamy, B. Prabhuswamy, **Priya B.S**, Sridhar M.Anandalwar, J. Shashidhara Prasad, and K. S. Rangappa.  
*“Synthesis and Crystal Structure of 1-(4-Nitrobenzyl)-1H-benzotriazole”*  
 Analytical Sciences, 22(10), x245-246, 2006 **(IF - 1.7)**
- 58) **Priya B.S**, Basappa, Nanjunda Swamy. S & K S Rangappa.  
*“Synthesis and characterization of novel 6-fluoro-4-piperidinyl-1,2-benzisoxazole amides and 6-fluoro chroman-2-carboxamides: Antimicrobial studies”*  
 Bio-org & Med Chem., 13, 2623-2628, 2005 **(IF - 3.04)**

### **Invited Talks:**

1. Orientation Lecture on Solid State Chemistry KSOU, Mysuru 01.10.2021
2. Orientation Lecture on Solid State Chemistry KSOU, Mysuru 02.10.2021
3. Orientation Lecture on Thermodynamics KSOU, Mysuru 06.10.2021
4. Orientation Lecture on Thermodynamics KSOU, Mysuru 10.10.2021
5. Orientation Lecture on Electrochemistry - I KSOU, Mysuru 16.11.2021
6. Orientation Lecture on Electrochemistry - I KSOU, Mysuru 16.11.2021
7. Orientation Lecture on Electrochemistry - I KSOU, Mysuru 19.11.2021
8. Orientation Lecture on Quantum Theory-II KSOU, Mysuru 20.11.2021
9. Orientation Lecture on Nuclear Chemistry KSOU, Mysuru 07.03.2022
10. Orientation Lecture on Nuclear Chemistry KSOU, Mysuru 09.03.2022
11. Orientation Lecture on Nanomaterials KSOU, Mysuru 12.03.2022
12. Orientation Lecture on Thermodynamics, KSOU, Mysuru 24.05.2022
13. Orientation Lecture on Thermodynamics, KSOU, Mysuru 26.06.2022
14. Orientation Lecture on Photochemistry, KSOU, Mysuru 29.06.2022

**Papers in conferences / seminars / Refresher Course: participated: 37**

1. **Resource Person** and delivered talk entitled “Development of Novel methodologies for the synthesis of Heterocyclic Compounds”, at 13<sup>th</sup> Refresher Course in Material Sciences on 16-29 Sept, 2021 at UGC-HRDC Center, Manasagangothri, University of Mysore, Mysore-6.
2. **Organizing committee member and Chaired poster session** at two days National Conference on “Innovations in Chemical Sciences” organized by DOS in Chemistry, University of Mysore, Manasagangothri Mysore-06, held on **30-31, Jan 2020**,
3. **Presented:** paper entitled “**Novel Synthesis of N-unsubstituted imidazole’s via the cycloaddition of n-(tert-butyl sulfinyl) imines and TOSMIC**” at Two days National Conference on “Innovations in Chemical Sciences” organized by DOS in Chemistry, University of Mysore, Manasagangothri Mysore-06, held on **30-31, Jan 2020**,
4. **Participated**, five days faculty development Programme “**Advanced or Smart Processing Technology**” organized by Department of Polymer Science and Technology, Sri Jayachamarajendra College of Engineering, JSS Science and Technology University, Mysuru-570006 from **10<sup>th</sup>-14<sup>th</sup> August 2020**
5. **Participated**, Two Weeks Faculty Development Program on "**Bio-innovation, Patenting and Entrepreneurship Opportunities in Biotechnology for Sustainable Environment**" Department of Biotechnology, The Oxford College of Engineering, Bommanahalli, Bangalore-560068, **8<sup>th</sup> -20<sup>th</sup> March 2021**
6. **Organizing Committee Member & Session Chair National Conference** on “*Innovations in Chemical Sciences*” at DOS in Chemistry, Manasagangothri, University of Mysore, Mysuru, **30-01-2020 to 31-01-2020**.
7. **Participated**, One Day Seminar on “**Bio-printing in Life Sciences**” held at JSS College of Pharmacy, Mysuru, **14-09-2019**.
8. **Participated, Organizing Committee Member and chaired the session** National Conference on “Recent Innovations in Medicinal and Material Chemistry” at DOS in Chemistry, Manasagangothri, University of Mysore, Mysuru, **08-03-2019 to 09-03-2019**.
9. **Participated**, Sam National Workshop on “**Capacity Building for Women Managers in Higher Education**” held at Sri Jayachamarajendra College of Engineering, Mysuru on **04-06-2018 to 08-06-2018**
10. **Attended**, UGC Sponsored One week short term programme in “Gender Sensitization”, held at UGC- Human Resource Development Centre, Manasagangothri, Mysore-06, **16-03-18 to 22-03-2018**.
11. **Attended**, One week Faculty development Program on “ **Advanced Materials for Energy, Water**

and Health at Department of Polymer Science and Technology, JSS Science and Technology University, Mysuru-06, **22-07-2019 to 27-07-2019.**

12. Attended **UGC Sponsored “Refresher Course (RC)”** in Material Sciences at UGC- Academic Staff College, University of Mysore, Manasagangotri, Mysore- 570 006 and **obtained “A” Grade** **23-02-2016 to 14-03-2016**
13. **Participated:** One Day National Symposium on **“Interfaith Dialogue”** held at University of Mysore, Mysuru-05, **29-02-2016**
14. **Participated and Organizing Committee Member:** **“Inter-University National Youth Festival”** held at University of Mysore, Mysuru-05, **15-19, Feb, 2016**
15. **Participated, Member: Registration Committee , Chaired Poster Session, Indian Science Congress** held at University of Mysore, Mysuru-05, **3-7, Jan, 2016**
16. **Participated,** One Day National Symposium on **“Interfaith Dialogue”** held at University of Mysore, Mysuru-05, **29-02-2016**
17. **Participated & Organizing Committee Member,** **“Inter-University National Youth Festival”** held at University of Mysore, Mysuru-05, **15-19, Feb, 2016**
18. **Participated & Organizing Committee Member Workshop on** **“Computational Methods in Small Molecule and Bio-Pharmaceutical Drug Discovery”**, held at Vijnana Bhavan, University of Mysore, Mysuru-05, **7-9 May, 2015**
19. **Participated & Organizing Committee Member:** **“One day National Seminar on Chemistry and Chemical Biology”** held at University of Mysore, Mysore-06, **26-05-2015**
20. **Participation and Organizing Committee Member** **“International Symposium on “Chemical Biology and Drug Discovery Programme”**, University of Mysore, Mysore-05, **8-9, Jan 2014**
21. **Participation and Member, Organizing Committee: National Conference on Pure and Applied Chemistry** held at Department of studies in Chemistry, Manasagangotri, Mysore , **29-31<sup>st</sup> Dec, 2014**
22. **Oral Presentation** at **“ Recent trends in Chemical Research”**, **3<sup>rd</sup>-4<sup>th</sup> Jan 2014**, Department of Chemistry, Sri Jayachamarajendra College of Engineering, Mysore-570006  
**B. S Priya**, Raghu Ningegowda, S. Nanjunda Swamy and George W. Yip  
**“A new class of 1-(4-fluorophenyl)-1,3-dihydroisobenzofuran-5-carboxamides induces apoptosis and inhibits proliferation of prostate cancer cells”**
23. **Oral Presentation** at **“ Recent trends in Chemical Research”**, **3<sup>rd</sup>-4<sup>th</sup> Jan 2014**, Department of Chemistry, Sri Jayachamarajendra College of Engineering, Mysore-570006

Raghu Ningegowda, **B. S. Priya**, S. Nanjunda Swamy

**“Synthesis, characterization and *in vitro* anti-tumor activities of 9-ethyl-9H-purine derivatives”**

- 24. Member, Organizing Committee at “*International Symposium on “Chemical Biology and Drug Discovery Programme”*”, , University of Mysore, Mysore-570005, Karnataka, India, 8<sup>th</sup>-9<sup>th</sup> Jan 2014**
- 25. Attended UGC Sponsored “Refresher Course (RC)” in Material Sciences from at the UGC-Academic Staff College, University of Mysore, Manasagangotri, Mysore- 570 006 and obtained “A” Grade, 23-10-2013 to 12-11-2013**
- 26. Participated in “*National Conference on Cancer Biology*”, 29<sup>th</sup>-30<sup>th</sup> Nov 2013, DOS in Biochemistry, University of Mysore, Mysore-570006, Karnataka, India.**
- 27. Convener : “*International Symposium on Challenges in Drug Discovery Programme*: held on 16<sup>th</sup> – 17<sup>th</sup> Feb, 2011 at Karnataka State Open University, Mysore. Karnataka, India- -2011.**
- 28. Attended UGC Sponsored “Orientation Programme (OP)” at UGC- Academic Staff College, University of Mysore, Manasagangotri, Mysore- 570 006 and obtained “A” Grade. 02-12-2011 to 29-12-2011**
- 29. “*International Anatomical Sciences and Cell Biology Conference*” -2010**  
S. Nanjunda Swamy, Amit Grover, Raghu Ningegowda, **B. S. Priya** , S. Ranjith, K. S. Rangappa.  
“Exploring the antiproliferative and apoptosis inducing effect in human cervical cancer cells: Novel derivatives of 3,6-disubstituted-1,2,4-triazolo-1,3,4-thiadiazoles“poster presentation held at Department of Anatomy, University of Singapore from **26- 29 May, 2010.**
- 30. Participate One day lecture series on “*New Advances and Opportunities in Biomedical Imaging and Material Science*” organized by Department of studies in Chemistry , Manasagangotri , Mysore on 26<sup>th</sup> April 2010.**
- 31. National Conference on emerging area in Chemistry-2009**  
Participated, held on **31<sup>st</sup> July 2009 to 1<sup>st</sup> Aug 2009** at Department of studies in Chemistry , Manasagangotri , Mysore
- 32. “*Seminar on Industrial applications of Radioactivity and Ionizing radiations*” – 2008**  
Participated, held on **22<sup>nd</sup> November, 2008** at Sri Jayachamarajendra College of Engineering, Mysore, Karnataka, India- -2008.
- 33. “*Interactive Meet with European and Indian Science Icons*” – 2007**  
Participated, hosted by Department of Science & Technology, Embassy of Germany in New Delhi, EU delegation of EC in India, held at Vjgyan Bhavan, New Delhi on **8<sup>th</sup> Feb, 2007.**

- 34. National Seminar on Bio-organic and Medicinal Chemistry (NSBM)- 2007** held on **Oct 17-18<sup>th</sup>, 2007** at Department of Studies in Chemistry, University of Mysore, Mysore, Karnataka, India.
- 35. Silver Jubilee Conference, Indian Council of Chemists – 2006.**  
Oral presentation on the paper entitled “*Synthesis, characterization, antimicrobial and single crystal X-ray crystallographic studies of some new sulfonyl, 4-chloro phenoxy benzene and dibenzoazepine substituted benzamides*” held at Birla College of Arts, Science and Commerce, Kalyan, Mumbai, India.
- 36. National symposium on Bioorganic and Medicinal chemistry (NSBM) - 2005**  
“Synthesis and characterization of novel 6-fluoro-4-piperidinyl-1,2-benzisoxazole amides 6-fluoro-chroman-2-carboxamides: Antimicrobial studies” held at Department of Studies in Chemistry, University of Mysore, Karnataka, India.
- 37. Emerging Research Trends and Developments in Chemistry (ERTDC) - 2003**  
“Synthesis of novel  $\gamma$ -lactams from isoxazolidines” held at University of Arts and Science College, Kakatiya University, Warangal, Andhra Pradesh, India.