



PUTTEGOWDA NAGENDRA
BHARATHI COLLEGE, BHARATHINAGARA,
MADDUR TALUK, MANDYA DIST-571422.

(Affiliated to the UoM, Re-accredited by NAAC with 'A' Grade)

PROFILE

- 1. Name** : *Dr. P. Nagendra*
- 2. Date of Birth** : 01-06-1964
- 3. Address**
 - a. Office** : Department of Chemistry
Bharathi College
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Maddur taluk
Mandya district-571422,KARNATAKA.
 - b. Fax** : 08232-235034
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- 4. phone** : 9980566834
9480266834
- 5. Marital status** : Married
- 6. Academic Qualifications:**
 - a. Ph.D** : 2002; UoM, Mysore, Thesis“Physicochemical aspects of Bromamine-T”
 - b. M.Sc** : 1987,UoM, Mysore.
 - c. B.Sc** : 1985; Bharathi Degree college, Bharathi nagara.

7. **Teaching/Research experience** : UG:28years,Teaching,Organic,Inorganic and Physical Chemistry for Degree courses
PG: 5 years,Teaching Inorganic Chemistry.
8. **Designation** : Associate Professor
9. **Area of Specialization** : Physical, organic, Inorganic and analytical chemistry

Research Publications:

1. Crystal and Molecular Structure studies of 3-(5H-dibenzo[b,f]azepine-5-yl)-N,N-dimethylpropan-1-amine chloride.
Int.Res.J.App.Sci., 1(2),49-52,2014.
2. VALIDATED RP –UPLC METHOD FOR THE SIMULTANEOUS DETERMINATION OF LAMIVUDINE AND ZIDOVUDINE IN PHARMACEUTICAL FORMULATIONS
H.N. Deepakumaria, P. Nagendraa*
Int. Res. J. App. Sci., (1)2, 1-9,2015.
3. SYNTHESIS, CHARACTERIZATION AND ANTIBACTERIAL ACTIVITY OF NEW SCAFFOLD OF SCHIFF BASE DERIVATIVES
S.M. Pradeepaa*, Rajeshaa, P. Nagendraa, H. Preethi.
Int. Res. J. App. Sci., (1)2, 16-29,2015.
4. CRYSTAL STRUCTURE OF 4-(4-CHLOROPHENYL)-4-HYDROXYPIPERIDINIUM SUCCINATE HYDRATE.
P. Nagendraa*, S. Madan Kumarb, N.K. Lokanath
Int. Res. J. App. Sci., (1)2, 42-50,2015.
5. ANTHELMINTIC ACTIVITY OF SUBSTITUTED 1H-BENZIMIDAZOLE-2-THIOL MANNICH BASES BEARING N-METHYL PIPERAZINE.
K.C. Chaluvvarajua*, V. Kadadevara, P. Nagendrabb, B.K. Kempegowdacc, M. Khajaphira
Int. Res. J. App. Sci., (1)2, 63-70,2015.
6. ANTIMICROBIAL STUDY ON THIAZOLIDINONES OF SUBSTITUTED N'-BENZYLIDENE-2-(PHENYLAMINO) ACETOHYDRAZIDES
K. C. Chaluvvaraju, B. Shalini, P. Nagendra, G. Pavithra and R. D. Rakesh
Int. Res. J. App. Sci., (1)2, 36-40,2014.

7. STUDIES ON PHYTOCHEMICAL INVESTIGATION OF LEAF EXTRACT OF ACALYPHA INDICA.
Rajesha, P. Nagendra and B. P.Siddaraju
Int. Res. J. App. Sci., (1)2, 41-48,2014.
8. VALIDATED RP – UPLC METHOD FOR DETERMINATION OF DIVALPROEX SODIUM IN BULK AND ITS PHARMACEUTICAL FORMULATIONS
U. R. Anil Kumar, K. N. Prashanth, H.N. Deepakumari,P.Nagendra
Int. Res. J. App. Sci., (1)1,1-7,2014.
9. STUDIES ON SYNTHESIS AND BIOLOGICAL ACTIVITY OF N- (ARYLMETHYLENE) SUBSTITUTED BENZOCOUMARIN -3-CARBOHYDRAZIDE
Rajesha, P. Nagendra , B. P.Siddaraju.
Int. Res. J. App. Sci., (1)1,8-14,2014.
- 10 Hirshfeld Surface Studies of 4-Chloro-1-[2-(2-chlorophenyl)ethyl]-2-Nitrobenzene .
^{1*}S.Madan Kumar, ²P.Nagendra, ³Lokanath N.K.
Int. Res. J. App. Sci., (3)1,17-21,2016.
11. Synthesis and Characterisation of bis(2-chlorophenyl)methanone
H.S. Yeshwanthkumar^{1*}, K. C. Chaluvvaraju², Mohammed Asif Adnan², P. Nagendra³.
Int. Res. J. App. Sci., (3)1,30-34,2016.
12. Induced Reentrant Nematic and Smectic— A Phase in Mixture of Mesogenic and Nonmesogenic Compounds.
T. N. Govindaiah, H. R. Sreepada, Nagappab & P. Nagendra
Molecular Crystals and Liquid Crystals, 605:1, 82-88, DOI:
[10.1080/15421406.2014.895501](https://doi.org/10.1080/15421406.2014.895501),15 Dec. 2014.
13. 4-Chloro-1-[2-(2-chlorophenyl)ethyl]-2-nitrobenzene
H. S. Yeshwanthkumar, P. Nagendra, B. P. Siddaraju, K. C. Chaluvvaraju, K.,Byrappa, N. K. Lokanath and S. Madan Kumar
IUCrData (2016). 1, x161204.

14. 2-Hydroxy-2-(3-methoxy-phenyl)-cyclohexylmethyl-dimethyl-Ammonium benzoate.
Sheshadri S. N.,^a P. Nagendra,^b B. P. Siddaraju,^c K. H. Hemakumar,^d Byrappa K.,
N. K Lokanath^f and S. Madan Kumarg^{*}
15. “3- Aminophenol as a novel coupling agent for the spectrophotometric determination of sulfa drugs”, P. Nagaraja, H. S. Yathirajan, C.R. Raju, R.A. Vasantha, P. Nagendra and M.S Hemantha Kumar, *ILFarmaco*(Italy), 58, 1295-1300, 2003.
16. P. Nagendra, H. S. Yathirajan, K.S. Rangappa and P. Nagaraja, “Kinetics and mechanism of the oxidation of 3-dimethylamino-1-propanol and 2-dimethylaminoethanol by bromamine-T using ruthenium(III) chloride as catalyst in hydrochloric acid medium”, *Oxid. Comm.*(Bulgaria), 26(2), 212-222, 2003.
17. P. Nagendra, H. S. Yathirajan, K.N. Mohana, K.S. Rangappa and P. Nagaraja, “Silver salt of N-bromo-4-methylbenzenesulphonamide as a new oxidimetric reagent”, *J. Ind. Chem. Soc.*, 79, 602-604, 2002.
18. P. Nagendra, H. S. Yathirajan, K.S. Rangappa and K.N. Mohana, “Oxidation of isoniazid and glutathione with bromamine-T”, *J. Ind. Chem. Soc.*, 79, 75-78, 2002.
19. H. S. Yathirajan, P. Nagendra, K.N. Mohana and K.S. Rangappa, “The O-Na interaction and the octahedral geometry around sodium moiety in sodium salt of N-bromo-4-methylbenzenesulphonamide”, *Asian J. Chem.*, 13, 35-42, 2001.
20. H. S. Yathirajan, P. Nagendra, K.N. Mohana, K.M.L. Rai, K.S. Rangappa and A.S.A. Murthy, “Photolytic decomposition of aqueous solution of sodium salt of N-bromo-4-methylbenzene sulphonamide”, *Ind. J. Chem.*, 39A, 1218-1221, 2000.
21. H. S. Yathirajan, K.S. Rangappa, P. Nagendra, K.N. Mohana, M.A. Sridhar, N.K. Lokanath and J. Shashidharaprasad, “Crystal and molecular structure of dibromamine-T”,

Ind. J. Chem.,38A, 1169-1172,1999.

22. A.B. Mamatha Devi, H. S. Yathirajan, K.N. Mohana, K.S. Rangappa, P. Nagaraja and P. Nagendra, "Reaction of chloramine-B with Cr(III), Al(III) and Fe(III) solutions - A conductometric and pH study", Asian J.Chem.,11(1),80, 1999.
23. 2-Nitrobenzyl methane sulphonate, Acta Cryst. (2014), E70, 0616. May 2014. V.A, S.MK., B.P.S.,NK.L., P.Nagendra
24. Bis(2-bromobenzyl) ether, Acta Cryst. (2014), E70,0765, June 2014 V.A, S.MK., B.P.S.,NK.L., P.Nagendra
25. 1-(3-oxo-3-PhenylPropyl)Piperdinium Chloride, Acta Cryst. (2013), E69,0748. V.A, S.MK., B.P.S.,NK.L., P.Nagendra
26. 1-chloro-4-(3,4- dichlorophenyl)-3,4- dihydronaphthalene-2-carbaldehyde Acta Crystallographica 2011. H.C.Devraje gowda,P,Nagendra,S.Jeyaselan,N.Chidananda and Boja poojary.
27. Electro analysis of Dopamine at Methionine Modified Carbon Paste Electrode by Cyclic Voltametric Technique. Anal.Bioanal.Electrochem. 2012. 544-552, B.N.Chandrashekara,BEK Swamy,S.Reddy,P.Nagendra.
28. Spectrophotometric Estimation of Paracetamol in Bulk and Pharmaceutical Formulation E-Journal of Chemistry,2011,8(1)149-15 P.Nagendra

11. Presentations/Participations:

Sl.N o.	Title of the conference	Name of the organizer	Title of the paper presented	Place and Date of the program
1	National Conference on recent trends in Structure functions, analysis of molecules and applications	Mysore University	Structure factor in N, N – dibromo-4-methylbenzene sulphonamide	University of Mysore, from October 28-30, 1999.
2	International Conference on Chemistry and Annual Convention on chemists	ICC	"Determination of molecular weights of amino acid ionized, pyridoxine hydrochloride with bromamine-T"	Calcutta from December 11-16, 1999.

3	International Conference on Chemistry and Annual Convention on chemists	ICC	Comparison study of quantum yields, bond lengths and bond angles in aromatic sulphonyl halomines”	Calcutta from December 11-16, 1999.
4.	International Conference on ICCCEM	Centre for PG Studies Dayanandasa gar Institutions,B angalore.	Validated RP-UPLC method for the determination of Divalproex Sodium and in its Pharmaceutical Formulations	26-27, September 2013.
5.	National level Seminar	Dept. of Chemistry,St .Philomena’s College.	“Spectrophotometric determination of Paracetamol “.	21st and 22nd August 2009.
6.	National Conference	Dept. of Chemistry,K uvempu University, Shankarghatt a.	“Recent Trends in Chemical and Biological Sciences”. Silver Salt of Bromamine –T as anew Oxidimetric Reagent”	Shimoga,30 th and 31 st March 2010
7.	International	University of Mysore,Mysoru	3-(5H-dibenzo[b,f]azepine-5-yl)-N,N-dimethylpropan-1-amine chloride	Feb.18,19,2015
8.	National Conference	Bharathi College, Bharatinagara	BOON AND CURSE OF BIOTECHNOLOGY	27-2-2015

12. National/International Seminars, Conferences, Symposiums, Work Shops, Orientation

Programmes And Refresher Courses Attended

1.	National level conference on recent trends in chemistry	Organized by department of chemistry,	“Recent trends in chemistry”	16th and 17th Sep 2011 PES College of science, Mandya.
2.	----	Department of chemistry	Revision and structuring of M.Sc Chemistry Syllabi	1, 2, Feb 2012,Mysore University.

3.	4 th Bangalore Nano an International conference	Department of Science and Technology,B angalore.	<i>under CBCASS “Nanoscience and technology at the cutting edge”</i>	The Lalith Ashok, Bangalore on Dec- 7 -9, 2011
4.	International symposium	Karnataka state Open University, Manasagangot ri, Mysore.	<i>“Drug discovery program - 2011”.</i>	Feb 16-17, 2011
5.	Three days International conference	Dept.of Science and technology Govt of Karnataka	<i>5th Bangalore Nano 2012</i>	The Lalit Ashok, Bangalore from Dec.5-7, 2012.
6.	One Day State Level Seminar	Department of Chemistry,Sri Mahadeshwar a,First Grade College.	<i>“Green chemistry- Safer materials for a safer world”.</i>	28 th August 2013, Kollegala.
7.	National Seminar	P.G. Department of Studies in Chemistry,Kar nataka University Dharwad.	<i>“Recent Advances in Chemistry- 2010”.</i>	18 th March 2010, Dharwad.
8.	International level workshop	DOS in Chemistry,M GM,UOM,My sore	<i>“Innovative developments in teaching chemistry”.</i>	UOM, 15 th July 2005
9.	International level workshop	The Electrochemic al Society of India,IISC,Ba ngalore-12	<i>“Creative Teaching in Different Aspects of Chemistry”.</i>	IISC Campus,Bangalore ,2 nd March 2010.

10.	National Conference	Dos in chemistry, MGM, Mysore	<i>"The emerging areas in chemistry naceac-2009"</i> .	Manasagangotri, Mysore, 31-7-2009 and 1-8-2009.
11.	State level Seminar	Dept. Of Chemistry, Bharathi College, Bharathinagara.	<i>"Recent trends in chemistry"</i> .	13-09-2008
12.	National Conference	Dept. Of Polymer Science and Technology and IRS,	<i>"Advances in Polymeric Materials (Energy, Environment and Health)"</i>	SJCE, Mysore, 25 th and 26 th April 2014.
13.	State level Seminar	Dept. Of Chemistry and Physics, St. Philomena College, Mysore.	<i>"Emerging Trends in Liquids and Coordination Chemistry"</i> .	21 st 22 nd August 2009.
14.	International Conference	Rajyoga Education and Research Foundation and PBKIVV.	<i>"Values in the field of Art"</i> .	Pandav Bhavan, Mount Abu, Rajstan, 19-6-2004 to 23-6-2004
15.	workshop	Institution of Excellence, UOM.	<i>"Overview & Applications of Scientific Equipment-IOE"</i>	IOE, Vijnana Bhavana, MGM, Mysore-6. From 13 th -14 th October 2014.
16.	National Conference	Bharathi college	<i>"Frontier Areas in Chemical Sciences"</i>	January 10, 2015
17.	One day Seminar	National Institute of Engineering, Mysore	<i>Recent Innovations in Bio-Inorganic and Medicinal Chemistry"</i>	January 28, 2015.

13. Research Projects Completed:

1. UGC sponsored Research Project entitled “**Spectrophotometric determination of organic compounds of pharmaceutical Importance**” in the department of chemistry during the year 2005 – 2007 has been completed.
2. UGC sponsored Research Project entitled “**Physico chemical aspects of novel Organic compounds**” in the department of chemistry during the year 2009 – 2010 has been completed.
3. VGST sponsored Research Project under the aegis of Science and technology government of Karnataka spice student project Extraction of organic compounds from the *Acaliffa indica*. Surrounding Bharathinagara” in the department of chemistry during the year 2011 – 2012 has been completed.
4. UGC Sponsored Minor Research Project Entitled “**chromatographic determination of some important Drugs**” during the year 2014-15.(ongoing)
5. Guided 04M.Phil.Students successively.
6. Guided to M.Sc. Students in connection with their Project work.
7. Organized Seminars and Workshops from time to time to facilitate student-teacher interactions.
8. Actively participated in the extra-curricular activities like Quiz competitions, Lecture contest, Science exhibitions and educational tours etc., with the involvement of students.
9. Periodically monitoring the groups of students from time to time by interacting with their parents/guardians with the purpose of shaping the overall development of the student community.

14. Training Program Undergone

1. Participated in the National Education Assembly held at Kozikode, Kerala from 8th to 10 July, 2005, organized by AIPSN in association with NCER.
2. Undergone an extensive practical training program regarding “Higher Education in the Background of Globalization” on 4th December 2004 at D.Banumaiah’s College, Mysore.
3. Participated in three days Programme on “Total Quality Management in Higher Education” organized by Mandya District Task Force from 24th to 26th March 2003 at PES College Mandya.
4. Successfully completed Royal Society of Chemistry-D.S.Sastry Endowment/Solid State Chemistry Unit, IISC “College Teachers Training Program” held at SSCU, IISC from 14th to 17th sept. 2004.
5. Participated in the 10 days orientation Course for NSS Program Officers organized by the NSS Training and Orientation Centre for Karnataka, UoM, Mysore from 26-11-2002 to 5-12-2002 held at NSS-TOC, UOM, Mysore.
6. Successfully completed Indian Academy of Sciences, Bangalore Sponsored the All-India Refresher Course on Advanced Topics in Chemistry held at department of Chemistry, Lady Doak College, Madurai, Tamil Nadu from November 7-20, 2006.
7. Attended UGC Sponsored Orientation Program organized by the Academic Staff College, UOM, Mysore from 2-5-96 to 28-5-96.
8. Attended UGC Sponsored Refresher Course in Chemistry Programme organized by the UGC Academic Staff College, UOM, Mysore from 10-8-1998 to 3-9-1999.
9. Participated in UGC Sponsored Refreshed Course in Chemistry organized by Academic College, UOM, Mysore, from 10-10-2003 to 30-10-2003 and obtained “A” grade.
10. Participated in UGC Sponsored Refreshed Course in Chemistry organized by Academic College, UOM, Mysore, from 08-02-2005 to 28-2-2005 and obtained “A” grade.
11. Participated on Residential Training Program in “Environmental Quality Monitoring” held at AIKYA Kanakapura Road, Bangalore from 29th July to 2nd August 1995.

15. Member of Authority/Committees etc:

Sl.No:	Member/Secretary	Committee/Authority	Year
1.	member	BOE Inorganic Chemistry	2014
2.	Editor-in-Chief	International Research journal of Applied Sciences	2014
3.	Member	MUTA	1998
4.	Member	UGC 12 th plan planning commission	2014
5.	Secretary	Cultural committee	2008
6.	Member	Doctoral committee at Dr.MGR University Chennai	4 th Dec.2013 and 7- 6-2014
7.	Member	B.O.E. in Chemistry, Mysore University.	March and October 2014
8.	Member	Governing Council committee PG centre	2013-2014

16. Conferences / Seminar organized:

Sl.no.	Status as Organizer	Title of the Conference/Seminar	Date
1.	Organizing Secretary	National Seminar on "Recent Trends in Chemistry"	2008
2.	Co- coordinator	PG Courses – Chemistry and Organic Chemistry	2008-2016
3.	Program officer	NSS	2002-2006
4.	Organizing Secretary	"Frontier Areas in Chemical Sciences"	10-01-2015

Research Experience: Actively engaged in research since 2002

Field of interest: crystal and molecular structure studies, analytical estimations of some organic compounds, synthesis of novel organic compounds.