


PERSONAL PROFILE

<p>Dr. Bapu Arjun Yamgar M.Sc. Ph.D Assistant Professor Dapoli Urban Bank Senior Science College, Dapoli Ph. No.: 02358 283256(O) 09049049413(M) Email: bayamgar@gmail.com</p>	
<p>1. Background Dr. B.A.Yamgar received his M.Sc degree in Chemistry from Shivaji University and Ph.D. in Chemistry from the same university in 2010 under the direction of Professor S.S. Chavan. He got Junior Research Fellowship (JRF) of U.G.C. Research fellowship in sciences for meritorious student based upon his work. He was awarded Ph.D. in 2010 by the Shivaji university for his work in the area of coordination chemistry and he worked on "synthesis and characterization of transition metal heterocyclic azo complexes". He published more than ten scientific articles in international well reputed journal. He attended and presented more than thirty papers in learned conferences, workshops and symposia in local, national and international level. His research area is the design, synthesis, and application of inorganic hybrid functional molecules. He has six years teaching experience in undergraduate as well as postgraduate level. As programme officer of N.S.S. he organized various workshops, camps and also published blood donor directory of Dapoli talil including more than 500 donors.</p>	
<p>2. Role in college administration, Co-Curricular and Extra Curricular Activities Convener: Competitive Examination Coaching Centre, Member of IQAC, Research guide for Avishkar Project, Coordinator-Organizing Committee of District level workshop on Bee Keeping 10,11 Feb. 2015, Member-Organizing Committee of National Conference on Recent Advances in Chemical and Material Science-5,6 Feb. 2016, Worked as Team manager of Mumbai University (N.S.S.) for State level special camp of National Service Scheme at Vitthalrao Shinde College, Tembhurni, Solapur, 25-31 Jan 2014 Organizing Secretary: Two days National Online Conference on Recent trends in Life science, Energy and Environment (NCRLEE 2021) organized by Department of Life Science.</p>	
<p>3. Topic of interest</p>	<p>Functional Coordination Chemistry, Organic-Inorganic Hybrid Materials, Fluorescence spectroscopy</p>
<p>4. Publications 1. Zn(II) and Cd(II)-azido/thiocyanato complexes with thiazolylazo dye and triphenylphosphine : synthesis, characterization and fluorescence S.S. Chavan, B.A. Yamgar and B.G. Bharate, J. Coord. Chem. 66(2013)1837 2. Synthesis, spectral characterization, thermal and luminescent properties of Zn(II) and Cd(II)-azido/thiocyanato complexes with thiazolylazo dye and 1,2-bis(diphenylphosphino)ethane B.A. Yamgar, V.A. Sawant, B.G. Bharate, S.S. Chavan, Spectrochem. Acta Part A 78 (2011) 102 3. Synthesis, characterization and photoluminescence properties of copper (II) azido/thiocyanato complexes with thiazolylazo dye and 1,2-bis(diphenyl phosphino) ethane.</p>	

- B.A.Yamgar**, V.A. Sawant, A.N. Jadhav, S. S. Chavan, *Inorg. Chem.Commun.*13 (2010) 1207
4. *Manganese(II), cobalt(II) and nickel(II) complexes with 2-phenyl-3-(benzylamino)-1,2-dihydroquinazolin-4(3H)-one, pseudohalides and some bidentate N-donor ligands*
Vaishali A. Sawant, **Bapu A. Yamgar**, Sanjay S. Chavan, *Transition Met. Chem.* 35 (2010)357
5. *Synthesis, characterization and catalytic study of Schiff base copper(I) complexes for the amination of aryl halide*
S.K. Sawant, G.A. Gaikwad, V.A. Sawant, **B.A. Yamgar**, S.S. Chavan, *Inorg. Chem.Commun.*13 (2010) 1207
6. *Synthesis, structural characterization, thermal and electrochemical studies of mixed ligand Cu(II) complexes containing 2-phenyl-3-(benzylamino)-1,2-dihydroquinazoline-4-(3H)-one and bidentate N-donor ligands*
V.A. Sawant, **B.A. Yamgar**, S.K. Sawant, S.S. Chavan, *Spectrochem. Acta Part A* 74 (2009)
7. *Copper(II) complexes of thiazolylazo dye with triphenylphosphine and N₃ or NCS as coligands: Synthesis, spectral characterization, electrochemistry and luminescence properties.*
B.A.Yamgar, V. A. Sawant, S. K. Sawant, S. S. Chavan, *J. Coord. Chem.* 62 (2009) 2367
8. *Characterization and electrochemical studies of Mn(II), Co(II), Ni(II) and Cu(II) complexes with 2-mercapto-3-substituted-quinazolin-4-one and 1,10-phenanthroline or ethylenediamine as ligands*
V.A. Sawant, S.N. Gotpagar, **B.A. Yamgar**, S.K. Sawant, R.D. Kankariya, S.S. Chavan, *Spectrochem. Acta Part A* 72 (2009) 6
9. *Zn(II) Complexes of Thiazolylazo Dye: Synthesis, Spectral Characterization And Luminescence Properties,*
Bapu Yamgar, Aayushi International Interdisciplinary Research Journal (AIIRJ) Vol - VI Issue - II (2019)144-146
10. *Synthesis, spectral characterization and photophysical properties of thiazolylazo Cu (II) complexes,*
Bapu Yamgar Journal of Research & Development Vol. 10 (Issue 14) (2020)1-8.

5. Seminars/conferences/workshop Paper presented		International: 01 National: 12				
6. Seminar/Conferences/workshop Attended		International: National: State : 16				
7. Research Project						
Sr.No	Title	Cost	Duration	Role as PI/Co-PI	Agency	Status
1.	Synthesis and spectral properties of azo metal chelate Completed- Funded by University of Mumbai	15000/	1year (2013- 14)	PI	Mumbai University , Mumbai	Completed

2.	Spectroscopic properties of azo metal chelate	260000/	2 year (2017-18)	PI	University Grants Commission (UGC)	Ongoing
3.	Hybrid Inorganic – Organic Functional Material for Intense Luminescence	50000/		PI	Mumbai University Mumbai	Ongoing