**Birth date:** 14/11/1981 **Date of Joining:** 16/05/2011 **Date of Superannuation:** 30/11/1941

**Language competency**: English, Hindi, Marathi

**Academic credentials**: \*Note: International (Intl.); National (Natl.); Grants in lakhs; Participation (Parti.)

|  |  |  |  |
| --- | --- | --- | --- |
| Publications: Intl. (*Natl.*) | 13 | Citation index (Scopus) | 95 |
| *h*-index | 7 | *i-*10 index | 3 |
| Research Gate Score | 17.07 | Research Gate total impact point | 23.72 |
| Research projects as **PI** (*Co-PI*) | 2(0) | Total project grants | Rs. 9,00,000 |
| Patents | -- | Invited talks | -- |
| Research guidance: Ph.D. (Total) | -- | Research guidance: M.Phil/M.S. | -- |
| Number of books Intl. (*Natl.*) | -- | Conference organized (Convenor) | 1(0) |
| Conferences: Intl. **Parti.**(Attd.) | 3(0) | Conferences: Natl. **Parti.**(Attd.) | 4(7) |
| Training prog. Attended Intl.(*Natl.*) | () | Training prog. Organized Intl.(*Natl.*) | (1) |
| Instrumental in active MoU Intl.(*Natl.*) | - | Experience- Teaching (Research) | 07(10) |
| Member of Academic body Intl.(*Natl.*) | 0(3) | Member of Editor. Board Intl.(*Natl.*) | -- |

**Broad research areas: Chemical Science**

Specific research areas: Transition Metal Complexes, Metal-Organic Frameworks

**Benchmark achievements:**

**National/International Award/Recognition:**

CSIR -Senior Research Fellowship-2009

Science Academy’s Summer Research Fellowship -2016

**National/International Collaborations/Joint projects:** ---

**Productive contribution/output of Natl./Intl. MoU:** ----

**National/International Project Grants:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sr. No. | Title | Funding agency | Cost (Lakhs) | Status |
| 1. | Synthesis, structure and photo-physical properties of novel porous Metal Organic Frameworks | University Grants Commission, India(Start-Up Grant) | 6.0 | 2012-2014 |
| 2. | Synthesis, structure and fluorescence properties of porous metal-organic frameworks  | TEQIP Phase-IISeed Money | 3.0 | Ongoing |

**National/International Industry consultancy/Joint projects/work:** ---

**Contribution towards incubation cell/** **Entrepreneurship:** ----

**Academic visit to other countries (Academic assignments):** *---*

**Additional computer skills: -**

**Additional academic skills/activities:** -

**Additional social activities:**

Tree Plantation, Organized lectures for inspiration of students

**Administrative experience:**

Rector, Girl’s Hostel, Department of Technology, Shivaji University, Kolhapur

NAAC Coordinator, Department of Technology, Shivaji University, Kolhapur

**Representative 10 latest publications**

1. Copper(II) complexes of N-(2-{[(2E)-2-(2-Hydroxy-(5-substituted)-benzylidine)-hydrazino]carbonyl}phenyl)benzamide ligands and heterocyclic coligands, S.S. Chavan, V.A. Sawant, A.N. Jadhav, Spectrochimica Acta Part A 117 (2014) 360–365
2. Synthesis, characterization and luminescence properties of copper(I) complexes containing 2-phenyl-3-(benzylamino)-1,2-dihydroquinazolin-4(3H)-one and triphenylphosphine as ligands, S.S. Chavan, G.A. Gaikwad, V.A. Sawant, G.K. Lahiri, *Polyhedron* 30(2011) 1171-1175
3. Mixed-ligand complexes of copper(I) with Schiff base and triphenylphosphine: Effective catalysts for the amination of aryl halide, S.S. Chavan, S.K. Sawant, V.A. Sawant, G.K. Lahiri, *Inorg. Chem. Commun,* 14(9)(2011)1373-1376
4. Synthesis, spectral characterization, thermal and photo luminescence property of Zn(II) and Cd(II)-azido/thiocyanato complexes with thiazolylazo dye and 1,2-bis(diphenylphoshino)ethane, B.A. Yamgar, V.A. Sawant, S.S. Chavan, Spectrochimica Acta Part A, 78 (2011) 102–106
5. [Copper(I) complexes with Schiff base and 1,2-bis(diphenylphosphino) ethane as ligands: Synthesis, structure and catalytic properties for the amination of aryl halide](http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6TG5-50C71XR-1&_user=2598594&_coverDate=06%2F22%2F2010&_rdoc=19&_fmt=high&_orig=browse&_srch=doc-info(%23toc%235245%239999%23999999999%2399999%23FLA%23display%23Articles)&_cdi=5245&_sort=d&_docanchor=&_ct=197&_acct=C000057044&_version=1&_urlVersion=0&_userid=2598594&md5=824d1185766e458776f327ffc21fadf5), S.S. Chavan, S.K. Sawant, V.A. Sawant, G.K. Lahiri, *Inorganic Chimica Acta* 363 (2010) 3359-3364.
6. Synthesis, structural characterization, thermal and electrochemical studies of Mn(II), Co(II), Ni(II) and Cu(II) complexes containing thiazolylazo ligands, S.S. Chavan, V.A. Sawant, *J. Mol. Structure,* 965 (2010) 1-6.
7. Manganese(II), Cobalt(II) and Nickel(II) complexes with 2-phenyl-3-(benzyl amino)-1,2-dihydroquinazolin-4(3H)-one, pseudohalides and some bidentate N-donor ligands: Synthesis, structure, thermal and electrochemical studies, V.A. Sawant, B.A. Yamgar, S.S. Chavan, *Transition Met. Chem.* 35 (2010) 357–361.
8. Synthesis, characterization and Photoluminescence properties of copper(II)–azido/thiocynato complexes of thiazolylazo dye and 1,2-bis(diphenyl-phosphino)ethane, B.A. Yamgar, V.A. Sawant, A.N. Jadhav, S.S. Chavan, *Inorg. Chem. Commun.,* 13 (2010) 1207-1209
9. 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, *Spectrochimica Acta,* **72***A* **(2009)** 663-669.
10. 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, *Spectrochimica Acta,* 74*A* (2009) 1100-1106.

 **Signature**