

**Dr. Ghanasham Bhikaji Sathe**

**Dapoli Urban Bank Senior Science College, Dapoli, Dist-Ratnagiri**

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### **Qualifications:**

M.Sc. in Organic Chemistry (University Of Mumbai)

M. Phil in Chemistry (Madurai Kamraj University)

Ph.D in Chemistry (University of Mumbai)

CSIR-NET (41<sup>th</sup> All India Rank)

SET

### **Role in University administration, Co-Curricular and Extra Curricular Activities:**

- Elected member of **Board of Studies (BoS)** in Chemistry of University of Mumbai from 2018.
- Recognized Post Graduate teacher (M.Sc. by theory and by Research) of University of Mumbai
- Worked as member of syllabus drafting committee of M. Sc. Organic Chemistry Semester III-IV (Implemented from AY 2013-2014) & T.Y B.Sc. Semester V & VI (Implemented from 2016-2017) and M.Sc. Sem I and II (to be implemented from 2017-2018).
- Invited as subject expert for the selection of Assistant professor in various colleges.
- Resource person for M.Sc. Part I and II Chemistry at S. H. Kelkar College of Arts, Science and Commerce, Deogad, Dr. Babasaheb Ambedkar College, Mahad, KES Anandibai Pradhan Science College, Nagothane, SRM College, Kudal and Gogate Jogalekar College Ratnagiri.
- Working as examiner for the T. Y. B. Sc and M. Sc. I and II theory and Practical Examinations at University level.

### **Role in college administration, Co-Curricular and Extra Curricular Activities:**

**Head, Department of Chemistry (From June 1997)**

**In-Charge Principal (2002-2004)**

**Vice Principal (From 2016)**

**IQAC Coordinator (2006-2008 & 2012-2019)**

During my tenure as IQAC Coordinator, College has improved NAAC grade from B to B++ with CGPA 3.003 in revised IT enabled methodology.

**Convener/Chairman:** Steering Committee (1998-2006, 2008-2010), Cultural Committee (2005-2006), Purchase committee (2004-2006, 2009-2010), Alumni Committee (2009-2012), Unfair Means Committee (2009-2011), Employment cell (2006-2012), Youth Festival (1999-2000, 2013-2014), NAAC criterion VI (2008-2012), Research and Consultancy (from 2012), Microanalytical Consultancy Laboratory (from May 2013), Time-Table (From 1999), Admission (From 2012)

**Member:** Steering Committee (2007-2008, 2010-2012), Internal Quality Assurance Cell (IQAC) (2000-2006, 2008-2012, from 2019), Purchase committee (1997-2004, 2007-2009, 2010-2011, from 2012), Alumni Committee (1998-2009, from 2012), Unfair Means Committee (1997-2009), Employment cell (1999-2006, from 2012), Library Committee (from 1997), Youth festival (1997-1999, 2000-2012), Local management Committee (LMC) (1997-2002, 2007-2012), Unfair Means Committee (1997-2002), UGC Building Committee (from 2007), Web-site Committee (2012-2019), Examination (From 2012), NSS Advisory (2013-2014)

### **Topics of Interest:**

Spectroscopy, Stereochemistry, Natural Product Chemistry, Designing of Organic Synthesis, Reagents in Chemistry, Co-ordination Chemistry.

### Minor/Major Research Projects Ongoing/completed:

- Research Project Completed-
- 1) University Minor research Project 2007-2008 (**Rs. 26, 000**),
  - 2) UGC Minor Research Project 2009-2011 (**Rs. 2, 00, 000**)
  - 3) University Minor research Project 2011-2012 (**Rs. 25,000**)
  - 4) University Minor research Project 2014-2015 (**Rs. 25,000**)

### Papers Published in International Journal: 06

- **Ghanasham B. Sathe**, Vikas V. Vaidya, Ravindra G. Deshmukh, Maharudra B. Kekare, Vikas S. Kulkarni, Atul C. Chaskar, Synthesis of novel C<sub>2</sub>-symmetric salen molecules, *Journal of Applicable Chemistry*, **2013**, 2 (3): 433-437
- **Ghanasham B. Sathe**, Vikas V. Vaidya, Ravindra G. Deshmukh, Extractive Spectrophotometric Determination of Nickel (II), *International Journal of Scientific Research*, Volume 4, Issue 5, 42-44, **2015**.
- **Ghanasham B. Sathe**, Vikas V. Vaidya, Ravindra G. Deshmukh, Extractive Spectrophotometric Determination of Palladium (II) Using Novel Salen Ligand, *International Journal of Advanced Research*, VOL 3, Issue 4, 699-704, **2015**.
- **Ghanasham B. Sathe**, Vikas V. Vaidya, Ravindra G. Deshmukh, Extractive Spectrophotometric Determination of Ruthenium (III) Using Novel Salen Ligand, *Asian J. Research Chem.* 10(4), 483-485, **2017**.
- **Ghanasham B. Sathe**, Gauri S. Phadke and Vikram P. Masal, Antibacterial Evaluation of Novel Salen-Metal Complexes, *Journal of Applicable Chemistry*, **2018**, 7 (5): 1388-1394
- Deven Mamania, **Ghanasham Sathe**, Raj Badekar, Rama Lokhande, Spectrochemical Studies of Newly Synthesized '4-hydroxy-3-[(1*E*)-prop-1-en-1-yl] phenyl 4-(1*H*-indol-3-yl) butanoate' compound, *International Journal of Advance and Innovative Research*, **2018**, 5(4), 79-81
- Lad Manoj N., Patil Raju M. **Sathe Ghanasham B.** Synthesis and Characterization of Novel Schiff Bases, *Res. J. Chem. Environ*, Vol. 24 (6) June (**2020**).
- **Ghanasham B. Sathe**, Santosh S. Marathe, Digambar D. Kulkarni, Manoj N. Lad, Sagar T. Sankpal, Synthesis and characterization of Novel Manganese (II), Cobalt (II) and Nickel (II) Schiff bases, *International Journal of Grid and Distributed Computing* Vol. 13, No. 2, (**2020**), pp. 141 – 146
- **Complexes of Salen ligand**

### Research Consultancy Projects Ongoing/completed:

Has been instrumental in starting soil, water, leaf, petioles and fertilizer testing consultancy service in college. Through this consultancy the college has made collaboration with Soil Conservation Department of Government of Maharashtra. Till today the college has received **Rs 50 lakh+** from from this consultancy.

### Seminars/workshops/Conferences participation:

Conference/Seminar Papers Presented: **International: 08, National: 26, State/University: 05**

Conference/Seminar Attended: **International: 09, National: 27, State/University: 40**

### Professional and Public Activities:

- Completed Yog Teacher training Camp organised by Patanjali Yogpeeth, Haridwar