

Curriculum Vitae

Dr. Gopinath Shankar Khansole

Assistant Professor,

Département of Chemistry,

D.A.B.N. Arts and Science College, Chikhali,

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Objective

To explore new research areas and to have an interesting research career with a wide task that will provide excellent opportunities to learn new scientific facts and will correlate science with social welfare.

Educational Qualifications

Ph.D. in Organic Chemistry

Swami Ramanand Teerth Marathwada University,

Nanded, Maharashtra, India (2016)

Thesis Title: “New Methods For The Synthesis Of Fused Nitrogen And Sulphur Heterocycles And Their Pharmacological Evaluation”

(Advisor: Dr. Vijay N. Bhosale)

M. Sc. Organic Chemistry

Swami Ramanand Teerth Marathwada University,

Nanded, Maharashtra, India (2008)

B.Sc. Chemistry

Swami Ramanand Teerth Marathwada University,

Nanded, Maharashtra, India (2006)

Eligibility Test

- **National Eligibility Test for Lectureship (CSIR-NET) UGC-CSIR, New Delhi, India (2009).**
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Work Experience

- Teaching Experience, Assistant Professor, of Organic Chemistry, D.A.B.N.Arts and Science College, Chikhali, Tal-Shirala Dist-Sangli, Maharashtra from August 2010 to onwards.
 - Research Experience, Yeshwant Mahavidyalaya, Nanded, Swami Ramanand Teerth Marathwada University, Nanded, Maharashtra, India from September 2010 to September 2016.
 - Research Experience at CSIR-Indian Institute of Chemical Technology (IICT), Hyderabad as a Summer Research Fellow (Faculty) from 1 May to 30 June 2017. Under the Guidance of **Dr. B. V. Subba Reddy**, Head, Crop Protection Chemicals and Semiochemicals, CSIR-IICT-Hyderabad.
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Research Interests

- MCRs reaction in heterocyclic synthesis.
 - Development of new synthetic methodologies.
 - Drug design and development in medicinal chemistry.
 - Green approach in organic synthesis and Ionic Liquid.
 - Supramolecular Chemistry
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Refresher Courses / Orientation / Training programs attended

- Successfully completed the Project Genesis, conducted by **Infosys BPO** Ltd. at Pune, from 10 to 20 October, 2011.
 - Successfully completed the **21st Orientation Program**, conducted at the UGC-**Academic Staff College**, Kumaun Univesity, Nainital, Uttarakhand from 20 / 02 / 2013 to 19 / 03 / 2013.
 - Successfully completed the **Refresher Course in Chemistry**, conducted at the UGC-Human Resource Development Centre, Rani Durgawati Vishwavidyalya, Jabalpur, (M.P.), from 30 / 05 / 2016 to 18 / 06 / 2016.
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Laboratory and Technical Skills

- Well-versed with Chemistry: Computer packages like Microsoft Office (Word, PowerPoint, and Excel), Chem Draw, SciFinder Scholar .
 - Knowledge of techniques and expertise in handling instruments like FT-IR, UV-Visible, NMR, HRMS, for the characterization of organic compounds.
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Journal Advisory Editorships & Reviewer Members

- Advisory Board member of World Journal of Pharmaceutical Research.
 - Editorial member of Indo American Journal of Pharmaceutical Research.
 - Reviewer member of Asian Journal of Research in Chemistry (AJRC).
 - Indo American Journal of Pharmaceutical Sciences.
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Publications

1. **Gopinath S. Khansole**, Jaman A. Angulwar, Vijay N. Bhosale, A Facile Synthesis of Novel Pyrimido [2,3-*d*]-1,3,4-Thiadiazole With Their Biological Potential, *Indian Journal of Heterocyclic Chemistry*, (IJHC-3557/18- Communicated).
2. Jaman A. Angulwar, **Gopinath S. Khansole**, Vijay N. Bhosale, An Efficient One Pot Synthesis of 2-Amino-4*H*-Benzo [*b*] Pyran Catalyzed By Tetrabutyl Ammonium Hydrogen Sulphate In Aqueous Media, *Heterocyclic Letters*, **2018**, 8 (1): 213-220.
3. Jaman A. Angulwar, **Gopinath S. Khansole**, Vijay N. Bhosale, Synthesis, Antimicrobial Activities of Pyrano [2,3-*d*] Pyrimidine Derivatives, *International Journal of Chemical and Physical Sciences*, **2018**, 7, 1-9.
4. **Gopinath S. Khansole**, Bhagwat D. Gachande, Physiochemical Analysis of Aqueous Extract from *Arthrospira platensis*, *International Journal of Chemical and Physical Sciences*, **2018**, 7, 18-20.
5. Vijay N. Bhosale, **Gopinath S. Khansole**, Jaman A. Angulwar, Sunil S. Choudhare, Ashok R. Karad, Navanand B. Wadwale., One Pot, Four-Component for the Synthesis of Pyrano Pyrazole Derivatives using TBAHS as Green Catalyst and their Biological Evaluation., *Asian J. Research Chem.*, **2017**, 10(6) ,745-749.

6. Sunil S. Choudhare, **Gopinath S. Khansole**, Vijay N. Bhosale, Synthesis of Phenyl 1*H*-Indazolo[1,2-*b*] Phthalazine trione Derivatives with their Biological Evaluation., *Indo American Journal of Pharmaceutical Sciences*, **2017**, 4 (12), 4272-4279.
 7. Vijay N. Bhosale, Sunil S. Choudhare, **Gopinath S. Khansole**, Molecular iodine catalyzed synthesis of 9-substituted derivatives of 9-phenyl-2,9-diphenyl-5,9-dihydro-6*H*-pyrimido[4,5-*d*] [1,3,4] thiadiazolo [3,2-*a*] pyrimidine-6,8(7*H*)-dione, *Der Pharma Chemica*, **2017**, 9(5), 66-70.
 8. Vijay N. Bhosale, **Gopinath S. Khansole** and Jaman A. Angulwar, In Vitro Antioxidant activity of 9-substituted derivatives of 9-phenyl-5,9-dihydropyrimido [4,5-*d*] [1,2,4] triazolo[1,5-*a*] pyrimidine-6,8(1*H*,7*H*)-dione, *World J. of Pharmacy and Pharmaceutical Sciences*, **2016**, 5 (5), 1434-1441.
 9. Vijay N. Bhosale, **Gopinath S. Khansole**, Jaman A. Angulwar and Sunil S. Choudhare, Synthesis and antioxidant, antimicrobial activity of 9-substituted derivatives of 6,7-dihydro-6,6-dimethyl-9-(4'-phenyl) tetrazolo [5,1-*b*] quinazolin-8 (3*H*,5*H*,9*H*)-one, *World Journal of Pharmaceutical Research*, **2016**, 4 (2), 1261-1268.
 10. Vijay N. Bhosale, **Gopinath S. Khansole**, Jaman A. Angulwar and Sunil S. Choudhare, Cesium Fluoride catalyzed tandem Knoevenagel-Michael reaction for the synthesis of 6-amino-1,4-dihydro-3-methyl-4-phenyl Pyrano [2,3-*c*] Pyrazoles, *Der Pharma Chemica*, **2015**, 7(6), 126-130.
 11. Vijay N. Bhosale, Jaman A. Angulwar, **Gopinath S. Khansole** and Gangadhar S. Waghmare, One-pot three component condensation for the synthesis of 1,4-dihydropyrano [2,3-*c*] pyrazole using cesium fluoride as an efficient catalyst, *Journal of Chemical and Pharmaceutical Research*, **2014**, 6(4), 733-737.
 12. Vijay N. Bhosale, Sachin S. Tiwade, Jaman A. Angulwar and **Gopinath S. Khansole**, A New and Facile Method for the Synthesis of Phenyl-dihydropyrimidines with its Substituted Derivatives and Their Microbial Evaluation, *International Journal of Research in Pharmaceutical and Biomedical Science*, **2013**, 4 (3) 943-956.
 13. B. D. Gachande and **G. S. Khansole**, Morphological, Cultural And Biochemical Characteristics of *Rhizobium Japonicum* Syn And *Bradyrhizobium Japonicum* of Soybean, *Bioscience Discovery*, **2011** 2 (1), 1-4.
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Oral, Poster Presentations/ Conferences / Symposium Attended:

- Participated in 3rd India International Science Festival for Round Table Meet on Mass Communication at NIOT, IIT Madaras, Chennai, (TN), India. **2017.**
- Participated in “Green Chemistry Workshop for Undergraduate Teacher”, at Indian Institute of Science Education and Research (**IISER**) Pune, Supported by MHRD, Govt. of India. **2017.**
- Oral presentation on “TBAHS as a green catalyst for the synthesis of pyrano pyrimidine”, International Conference on “Green Technologies for Environmental Protection, Department of Chemistry Vivek Vardhani College of Arts, Commerce, Science and PG studies, Koti, Hyderabad, **2014.**
- Poster presentation in **104th** Indian Science Congress, **S.V. University, Tirupati, 2017.**
- Poster presentation in National Conference on Innovative Research In Chemical Sciences, Shivaji University, Kolhapur, **2017.**
- Poster presentation in International Conference on Challenges and Opportunities Before 21st Century India in The Fields of Social Science, Science, Management and Technology, Rajarshi Chhatrapati Shahu College, Kolhapur, Maharashtra, India, **2016.**
- Poster presentation in International Conference on “Current Challenges in Drug Discovery Research”, Malaviya National Institute of Technology, Jawaharlal Nehru Marg, Jaipur, Rajasthan, India , **2015.**
- Poster presentation in National Seminar on “Modern Approaches of Spectroscopic Techniques in Chemical, Pharmaceutical and Life Sciences”, Yeshwant Mahavidyalaya, Nanded, Maharashtra, India, **2015.**
- **6th** Science Conclave in the Academic & Interaction Session, **IIIT Allahabad, 2013.**
- Poster presentation in 17th International conference on “Expanding Horizons in chemical and Biological Science: Innovations Crossroads”, School of Chemical Science, Solapur University, Solapur, **2012.**
- Poster presentation in 2nd International conference on “Emerging Trends in Chemical Science”, School of Chemical Science, Solapur University, Solapur, **2012.**
- **99th** Indian Science Congress, **KIIT University, Bhubaneswar, 2012.**

- National Seminar on Eco Friendly Synthesis of Organic Compounds, Dayanand Science College, Lature, **2011**.
 - National Conference on Recent Trends in Chemistry, Yashvantrao Chavan Institute of Science, Satara, **2010**.
 - National Conference on Inorganic Chemistry, Science College, Nanded, **2008**.
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Membership / Fellowship of Professional Society

- **Member of The American Chemical Society (ACS), Washington, DC-20036 Membership No. L31172514**
 - **Life Member, The Indian Science Congress Association (ISCA) Membership No. L18803.**
 - **Life Member, Vijnana Bharati (VIBHA), New Delhi- Membership No.L7226.**
 - **Life Member, Association of Chemistry Teacher (ACT), Mumbai- Membership No.L2072.**
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Personal Details

Date of Birth: May 01, 1985
Nationality: Indian
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Language known: English, Hindi, Marathi

References

Dr. B.V.Subba Reddy, FNASc

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