

Curriculum Vitae

Dr. Suryakant B. Sapkal

M. Sc., Ph.D.(Chemistry)

Associate Professor & HOD,
MGM University, Aurangabad.

E-mail: ssapkal@mgmu.ac.in

Contact No: +919960315884, 9404626272



OBJECTIVE: Looking towards a challenging future in Research & Development field at a growth oriented & a reputed University/Institute. This will not only utilize my achieved qualification, insightful skills, but also develops & enrich it for further gratifying experience.

HIGHLIGHTS

- Expertise in Research & Development, more than 15 years of experience in the field of academic and synthetic organic chemistry. Experienced in different analytical techniques used in the field of Organic Synthesis.
- Key expertise in multi-step heterocycle synthesis of biologically active compounds using conventional/non-conventional methods.
- Use of Nano catalysis and organocatalysis in organic synthesis
- Ability to work independently and ability to interact with multidisciplinary team and other collaborators.
- Excellent oral / written communication and presentation skills.
- Familiar with chemistry related software's like ISIS draw, ChemDraw Ultra 12.0 and SwissADME drug design.

EDUCATION

- **Ph.D. in Chemistry (Oct-2010)** under the guidance of **Prof. M. S. Shingare** at Dept. of Chemistry, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad 431004 (M. S.), India.
- **Title of the Thesis:** "*Facile Synthesis of Some Oxygen, Nitrogen and Sulfur Containing Heterocyclic Compounds Using Catalysts*".
- **M. Sc. First Division** (Organic Chemistry): (Oct-2006), Dr. Babasaheb Ambedkar Marathwada University, Aurangabad 431004 (M. S.), India.
- **B. Sc. First Division** (Physics, Chemistry, Maths): (June-2004), Karmveer Mamasahab Jagadale Mahavidyalaya Washi, Dist- Osmanabad (M. S.) India.

MEMBERSHIPS

- Reviewer of **Springer Nature** Journal
- Reviewer of **American Journal of Applied Sciences**.
- Reviewer of **Current Organic Chemistry** (Bentham Science Publishers)
- Reviewer of **ChemistrySelect** (Wiley)
- Reviewer of **Polycyclic Aromatic Compounds** (Taylor & Francis)
- Reviewer of **Research on Chemical Intermediates** (Springer)
- Member of Reviewer for Asian Journal of Organic & Medicinal Chemistry.

- Associate Board Member of “The Open Chemical Engineering Journal” Bentham Open Group of Publication.
- X-Member of advisory board on World Research Journal of Chemical Biology (*Bioinfo Publications*)
- Life Membership of the **Indian Science Congress Association** (**Membership No. L27957**).
- Life Membership of the National Book Trust, India. (**Membership No. BC-3667-JI6TXZ8J**)
- Editorial Member of International Journal of Green Chemistry (Journals Pub).

RESEARCH PROJECTS

- **Minor MGMU ongoing (Rs 3,000,00):** Design, synthesis and biological activity evaluation of a new series of sulfonyl piperazine derived *s*-triazine derivatives.
- **Major to DAE-BRNS (Rs. 1700000/-):** “Drug Discovery and Development of Anticancer Agents” (Submitted)
- **Major Indo-Canadian (Rs. 3154000/-):** “Bio-Nano-Chemical treatments to the solid waste in the Aurangabad Province” (Submitted).
- **Minor BCUD-Dr. BAMU completed (Rs 30000):** Ultrasound assisted synthesis of some heterocyclic compounds
- **Minor UGC completed (Rs. 235000/-):** “Thiamine hydrochloride (VB₁) in synthesis of some heterocyclic compounds”.
- **Minor-UGC Completed (Rs 110000/-):** “Nickel Nanoparticles (NiNPs): Green protocol for the synthesis of various bioactive heterocyclic compounds” (Year of completion 31/3/2015).
- **Minor BCUD-Savitribai Pune University, Completed (Rs 75000/-):** “Some transition metal catalyzed synthesis of 3,4-dihydropyrimidine 2 (1H)-ones via Beginelli condensation” (Year of completion 31/3/2015).
- **Major DST-SERB (20 Lakh):** Catalytic competency of metal nanoparticles for the synthesis of bioactive benzofuran moieties (Submitted).
- National Workshop on food and drug adulteration to UGC (Rs 155000) (Submitted).
- **Major UGC Start UP (6.0 Lakh):** Nanoparticles (NPS): A green protocol for the synthesis of bio active heterocyclic compounds (Rejected).
- **RGSTC-Maharashtra Govt. (14 Lakh):** Conscious study on detection and prevention of food adulteration in today’s market (Rejected).

CONFERENCE/WORK SHOP ATTENDED/PRESENTED/Organized INTERNATIONAL

- **Co-convener** of International Conference on Material Science and Nanotechnology for Sustainable applications (23rd, 24th March 2023) at MGM University Aurangabad. (<https://icmsnsa.mgmu.ac.in/>)
- **Organizing committee** member of 87th Annual Conference of the Indian Mathematical Society-An International Meet (Online) (04-07 December, 2021) at MGM University Aurangabad (<https://www.youtube.com/watch?v=6NtvQDsptXc>).
- Acted as a **resource person** for One day International Online Workshop on, “Nanomaterial Synthesis is Emerging Facet of the World” organized by Late Pushpadevi Patil Arts and Science College, Risod, Dist Washim MS. (**20th May, 2020**).

- International Web Conference on Science, Engineering and Technology (IWCSET-2020) held during May **15-16, 2020** organized by Society for Technologically Advanced Materials of India (STAMI).
- Poster Presented at International Conference on “Exploring New Horizons in Chemical Science” at Deogiri College, Aurangabad during 10-12 January, 2019. (Title of Poster: Au-MOPS (3-morpholinopropane-1-sulfonic acid) coupled catalyst for the synthesis of 3-aminoalkylated indoles)
- **Invited as a resource person in international “Conference on Organic Chemistry” at Kunming, China on 14-16 July, 2018.**
- Humboldt-Kolleg, International Meet on “Climate Change and Energy Options” at JNEC, Aurangabad (2-4 February, **2018**)
- Nature Inspired Initiatives in Chemical Trends Organic Synthesis, CSIR-Indian Institute of Chemical Technology Hyderabad - 500 007 (September 19-20, **2016**).
- *“Bridging Gaps in Discovery and Development: Chemical & Biological Sciences for Affordable Health, Wellness & Sustainability”* at Saurashtra University, Rajkot, Gujarat (Feb-**2011**)
- International Conference on *“Interplay of Chemical and Biological Sciences”* at University of Delhi, Delhi, India (Feb-**2009**).
- International Conference on *“Advances in Drug Discovery Research”* at Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, Maharashtra, India (Feb-**2007**).

NATIONAL

- Coordinator for National Level Essay writing competition on the topic “Science and Technology for Sustainable development” on the occasion of “National Science Day” 28th February, 2022.
- Faculty Enablement program by Infosys at MGM’s JNEC, Aurangabad.(Jan16-18, 2020)
- Faculty Enablement program by Infosys at MGM’s JNEC, Aurangabad.(Jan16-18, 2020)
- Presented paper in “Emerging Trends in Chemistry and Materials Science at Science” College Sinnar (18-19 Jan-2019)
- Faculty Enablement program by Infosys at MGM’s JNEC, Aurangabad.(Jan16-18, 2020)
- Presented paper in Recent development in Science at Sant Ramdas Science College Ghansangvi, Dist Jalna, (21 Jan-2019)
- Faculty Development program on “Human Values and Professional Ethics” at JNEC during June 3-5, 2018.
- Faculty development program at Infosys, Pune (**12 July-20 July, 2017**)
- Emerging Trends in Environment to Control and Prevent Pollution' on at Department of Chemistry Pratisthan Mahavidyalaya Paithan (**24-25th March 2017**)
- Attended Workshop on “Science of Teaching Science” at Clover Dale School (**25,26 Nov-2016**).
- **Mission 10 X (Wipro):** A faculty Development training (**20-22 January, 2015**)
- **First Prize** in Pre-Sci. Congress at Dr. BAMU for Oral presentation entitled “An Organo catalyzed expeditious synthetic routes to Benzimidazoles under ultrasonic irradiation”(**30-31 Dec-2014**)
- Workshop on Language Enrichment Program at JNEC Aurangabad.(**Dec-2013**)

- Science Academies Lecture Workshop on Probing Electronic States in Molecules and Molecular materials (Oct-2010).
- “Catalysis for Sustainable Energy and Chemicals” at National Chemical Laboratory, Pune, India (Jan-2009).
- “*Biocatalysis and Biomimetic Catalysis in Organic Synthesis*” at Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, India (March-2009).
- SET Workshop in Chemistry at Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, India (Oct-2007).
- “43rd Annual Convention of Chemist” at Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, India (Dec-2006).
- “Kinetic and Mechanistic Studies of Chemical and Biochemical Transformations” at Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, India (Feb-2005).

TEACHING/RESEARCH EXPERIENCE

- Currently working as **Associate Professor & HOD**, in Chemistry department, at MGM University, Aurangabad, MS, India.
- One year teaching experience at PG level in T. C. College Baramati, dist Pune, Maharashtra. (2011-2012).
- One year Industrial experience as “**Scientist R&D**” at Arch Pharmalabs Ltd., Talaja MIDC, New Mumbai, MS, India. (2010-2011).
- One year teaching experience for UG students in Vivekanand Science College, Aurangabad. (2009-2010).
- Supervised introductory organic chemistry lab courses for undergraduate students at Department of Chemistry, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, (2006-2009).
- One year and seven months teaching experience for engineering diploma course in DOEACC, Aurangabad.

Past ACTIVITIES/RESPONSIBILITIES

- In-charge PG Department.
- Central Timetable coordinator
- NASSCOM coordinator
- **Acted as a Senior Supervisor (External)** for B. Tech Exam. at MIT and Shreeyash College of Engineering Aurangabad, conducted by Dr. Babasaheb Ambedkar Technological University, Lonere, Dist Raigad.
- Acted as a **resource person** for Two day State level Seminar on, “Innovative applications of Nanomaterials in Science and Technology” at Science College Nandgaon, Dist Nashik (24th-25th Jan, 2020).
- Acted as a resource person for One day workshop on “Hazardous Chemicals Waste Management” at Chhatrapati College Aurangabad. (22/01/2017)
- **Worked as FE-faculty in-charge in SWAYAMBHU-JNEC-2018 tech fest.**
- Established NPTEL Local Chapter acting as a SPOC.
- Successfully completed one NPTEL course on Organometallic Chemistry (03 Oct-2016).
- **Worked in college Committee for NAAC.**
- **Working as a research coordinator in JNEC, Aurangabad.**

- Acted as an External Examiner for B. Sc. Examination of Dr. BAMU. (Mar/Apr-20015, Oct/Nov-2014, Oct/Nov-2013) at MGM's IBT and Bio-tech.
- Acted as an Internal Squad for Engineering/ Architecture exam May/June-2014.
- Worked as a Term-Work Faculty Coordinator, 2014-15
- Worked in FE-Admission Enquiry committee, 2015-16

EXTRA CURRICULAR ACTIVITIES

- Acted as a FE Teacher Coordinator for "SATRANGI" group who got 1st Prize in "Shikhar" Drama Competition organized by Deogiri Engineering and Prozon mall.
- Acted as a FE Teacher Coordinator for "Can I" group who organized Seminar on Awareness of Traffic rules and Traffic Discipline in Aurangabad.
- Worked in different committees of RAZMATAZ.

BOOKS PUBLISHED

1. Marathi Poetry Published (Panchfula Prakashan)
2. Essential Communication Dialogues (Editing):Manuscript Under Preparation

ACADEMIC ACTIVITIES/RESPONSIBILITIES

CURRENT RESPONSIBILITIES

- ✓ Head, Department of Chemistry
- ✓ Chairman, Board of Studies of Chemistry (Programme and curriculum design and development),
- ✓ Member of Research Committee, MGM University,
- ✓ SPOC NPTEL-SWAYAM local chapter (ID 1182),
- ✓ Assistant to In-charge of Patent and Innovation,
- ✓ T & P Coordinator (PG Section),
- ✓ Cluster Head (Nano science and Technology),
- ✓ Research Guide,
- ✓ Examinations and evaluation,
- ✓ Student counselling, institutional admissions and administration,
- ✓ Any other work assigned by higher authority.

Research Guidance

- ✓ Number of students awarded Ph. D. degree : 01
- ✓ Number of students have submitted Ph. D. thesis : 00
- ✓ Number of students working for Ph. D. degree : 05
- ✓ Co-Guide: 02

RESEARCH PUBLICATIONS (PATENT/PAPER)

PATENT FILLED/ PUBLISHED/GRANTED

1. **Published:** Innovative Catalytic Process for Asymmetric Synthesis of Chiral Compounds. Filer No: 97-899, Appl. No. 202421065915, Publication date (U/S 11A) 04/10/2024

2. **Filled:** An Improved process of preparing amorphous Eluxadoline (applied to Indian Govt. Ref No. E-2/1989/2023-MUM, Appl. No. 202321072319 dated 23/10/2023).

RESEARCH PAPERS

International	36
National	11
Total	47

1. Nickel Nanoparticle Catalyzed Facile and Efficient One-Pot Synthesis of Polyhydroquinoline Derivatives *via* Hantzsch Condensation Under Solvent-free Conditions. **Sapkal, S. B.**; Shelke, K. F.; Shingate, B. B.; Shingare, M. S. *Tetrahedron Lett.* **2009**, *50*, 1754.
2. Acidic Ionic Liquid catalyzed environmentally friendly synthesis of benzimidazole derivatives. **Sapkal, S. B.**; Shelke, K. F.; Sonar, S. S.; Shingate, B. B.; Shingare, M. S. *Bull. Catal. Soc. Ind.* **2009**, *2*, 78.
3. 1-Butyl-3-methyl imidazolium hydrogen sulphate promoted one-pot three-component synthesis of amidoalkyl naphthols. **Sapkal, S. B.**; Shelke, K. F.; Madje, B. R.; Shingate, B. B.; Shingare, M. S. *Bull. Korean Chem. Soc.* **2009**, *30*, 2887.
4. Dual role of ammonium acetate for solvent-free synthesis of 1,3-disubstituted-2,3-dihydro-1*H*-naphth-[1,2*e*] [1,3]-oxazines. **Sapkal, S. B.**; Shelke, K. F.; Kategaonkar, A. H.; Shingare, M. S. *Green Chem. Lett. Rev.* **2009**, *2*, 57.
5. Nickel Nanoparticles: An Ecofriendly and Reusable Catalyst for the Synthesis of 3,4-Dihydropyrimidine-2(1*H*)-ones *via* Biginelli Reaction. **Sapkal, S. B.**; Shelke, K. F.; Shingate, B. B.; Shingare, M. S. *Bull. Korean Chem. Soc.* **2010**, *31*, 351.
6. An efficient one-pot strategies for the synthesis of [1,3]oxazine derivatives **S. Sapkal, S. B.**; Shelke, K. F.; Shingate, B. B.; Shingare, M. S. *J. Korean Chem. Soc.* **2010**, *54*, 437.
7. An efficient synthesis of benzofuran derivatives under conventional/non- conventional method . **Sapkal, S. B.**; Shelke, K. F.; Shingate, B. B.; Shingare, M. S. *Chinese Chem. Lett.* **2010**, *21*, 1439-1442.
8. Natural catalyst: highly efficient green protocol for Knoevenagel condensation in water. **Sapkal, S. B.**; Shelke, K. F.; Shingate, B. B.; Shingare, M. S. Shingare. *Green Chem Lett. Rev, (Revised)*.
9. NaHSO₄/SiO₂: An efficient catalyst for the synthesis of β-enaminone and 2-methylquinolin-4(1*H*)-one derivatives under solvent-free condition. **Sapkal, S. B.**; Shelke, K. F.; Shingate, B. B.; Shingare, M. S. *J. Korean Chem. Soc.* **2010**, *54*,6,723.
10. Ultrasound-assisted one-pot synthesis of 2,4,5-triarylimidazole derivatives catalyzed by ceric ammonium nitrate in aqueous media. Shelke, K. F.; **Sapkal S. B.**; Shingare, M. S. *Chinese Chemical Letters* **2009**, *20*, 283.
11. Boric acid as an efficient catalyst for the synthesis of 1,1-diacetate under solvent-free condition Shelke, K. F.; **Sapkal S. B.**; Kakade, G. K.; Shinde, P. V.; Shingate B. B.; Shingare, M. S. *Chinese Chemical Letters* **2009**, *20*, 1453.
12. An efficient synthesis of 2,4,5-triaryl-1*H*-imidazole derivatives catalyzed by boric acid in aqueous media under ultrasound-irradiation. Shelke, K. F.; **Sapkal S. B.**; Sonar, S. S.; Madje, B. R.; Shingate, B. B.; Shingare, M. S. *Bull. Korean Chem. Soc.* **2009**, *30*, 1057.

13. An efficient ionic liquid promoted Knoevenagel condensation of 4-oxo-4*H*-benzopyran-3-carbaldehyde with Meldrum's acid. Shelke, K. F.; **Sapkal S. B.**; Madje, B. R.; Shingate, B. B.; Shingare, M. S. *Green Chem. Lett. Rev.* **2009**, 2, 3.
14. Microwave-assisted synthesis of 1,2-benzisoxazole derivatives in ionic liquid. Shelke, K. F.; **Sapkal S. B.**; Shitole, N. V.; Shingate, B. B.; Shingare, M. S. *Organic Commun.* **2009**, 2, 72.
15. Microwave-assisted synthesis of 3-styrylchromones in alkaline ionic liquid. K. Shelke, K. F.; **Sapkal S. B.**; Shitole, N. V.; Shingate, B. B.; Shingare, M. S. *Bull. Korean Chem. Soc.* **2009**, 30, 2883.
16. Ionic liquid promoted an efficient synthesis of 5-arylidene-2,4-thiazolidinedione Shelke, K. F.; **Sapkal S. B.**; Sonar, S. S.; Madje, B. R.; Shingate, B. B.; Shingare, M. S. *Bull. Catal. Soc. India.* **2008**, 8, 30.
17. Ammonium metavanadate: A novel catalyst for synthesis of α -aminophosphonates, Sadaphal, S. A.; Kategaonkar, A. H.; **Sapkal, S. B.**; Shingate, B. B.; Gill, C. H.; Shingare M. S. *Bull. Cat. Soc. India.* **2009**, 8; 131.
18. An effective synthesis of 3-(5-aryl-[1,3,4] oxadiazol-2yl)-1*H* indazole derivatives. Sonar, S. S.; **Sapkal, S. B.**; Kategaonkar, A. H.; Shingate, B. B.; Karale, B. K.; Shingare, M. S. *Org. Chem.: An Ind. J.*, **2009**, 5.
19. Microwave-assisted an one-pot three component synthesis of 1,4-dihydropyrano [2,3-*c*] pyrazoles under solvent-free condition. Shitole, N. V.; Shelke, K. F.; **Sapkal S. B.**; Shingate, B. B.; Shingare, M. S. *Organic Chemistry An: Indian Journal* **2009**, 5, 4.
20. An efficient and green procedure for the preparation of acylals from aldehydes catalyzed by alum [KAl(SO₄)₂·12H₂O]. Shelke, K. F.; **Sapkal S. B.**; Kategaonkar, A. H.; Shingate, B. B.; Shingare, M. S. Shingare, *South African J. Chem.* **2009**, 62, 109.
21. Cellulose sulphuric acid as a biodegradable and reusable catalyst for the Knoevenagel condensation. Shelke, K. F.; **Sapkal S. B.**; Niralwad, K. S.; Shingate, B. B.; Shingare, M. S. *Central European J. Chem.* **2010**, 8, 12.
22. Alum catalyzed simple and efficient synthesis of 5-arylidene-2,4-thiazolidinedione in aqueous media. Shelke, K. F.; **Sapkal S. B.**; Sadaphal, S. A.; Shingate, B. B.; Shingare, M. S. *Green Chem Lett. Rev.* **2010**, 3, 17.
23. Cellulose sulfuric acid as a bio-supported and recyclable solid acid catalyst for the one-pot synthesis of 2,4,5-triarylimidazoles under microwave-irradiation. Shelke, K. F.; **Sapkal S. B.**; Shingate, B. B.; Shingare, M. S. *Green Chem Lett. Rev.* **2010**, 3, 27.
24. Synthesis and in vitro antimicrobial activity of new α -aminophosphonates *via* tetrazolo [1,5-*a*] quinoline derivatives. Kategaonkar, A. H.; Sonar, S. S.; **Sapkal, S. B.**; Gawali, V. U.; Shingate, B. B.; Shingare, M. S. *Phosphorus Sulfur Silicon and Relat. Elem.* **2010**, 185, 2113.
25. Synthesis of new 4-(4,5-diphenyl-1*H*-imidazol-2-yl)tetrazolo[1,5-*a*]quinolines from tetrazolo[1,5-*a*]quinolines. Kategaonkar, A. H.; **Sapkal, S. B.**; Madje, B. R.; Shingate, B. B.; Shingare, M. S. *Chemistry of Heterocyclic Compounds* **2010**, 6, 754.

26. An efficient one-pot synthesis of anthraquinone derivatives catalyzed by alum in aqueous media. Madje, B. R.; Shelke, K. F.; **Sapkal S. B.**; Kakade, G. K.; Shingare M. S. *Green Chem Lett. Rev.* **2010**, 3, 269-273.
27. A Simple and Green Synthesis of Tetrahydrobenzo[a]-xanthen-11-one Using PEG-400 As Efficient and Recyclable Reaction media Shitole, N. V.; **Sapkal, S. B.**; Shingate, B. B.; Shingare, M. S. *Bull. Korean Chem. Soc.* **2010**, 32, 35-36.
28. An organocatalyzed expeditious synthesis route to Benzimidazoles under ultrasound technique, Gadekar, Suryakant Sapkal, Ramesh Shingare, Balaji Madje, *Heterocyclic Letters.* 7, 2, 499-505, **2017**.
29. Citric acid/SiO₂: A Sustainable Protocol for the Synthesis of β -Enaminones, Suchita Gadekar, Suryakant Sapkal, Ramesh Shingare, Balaji Madje, *Journal of Medicinal Chemistry and Drug Discovery*, 3, **2017**, 168,.
30. Thiamine Hydrochloride (VB₁) in Water: A Privileged Synthetic Route for Benzimidazole Derivatives. **Sapkal, S. B.**; Gadekar S. S. *Int. J. Green Chem.* 2, **2016**, 8.
31. 3-Morpholinopropane-1-Sulfonic Acid Catalyzed Beneficent Synthesis of 3-Amino Alkylated Indoles, *Int. J. Current Chem.* 5, **2014**, 4.
32. Thiamine Hydrochloride (VB₁) Catalyzed Synthesis of 3-Amino Alkylated Indoles Suchita S. Gadekar, Suryakant B. Sapkal, Ramesh M. Shingare, Balaji R. Madje, *Bio Nano Front.* 10, **2017**, 3.
33. Smart Approach for Multicomponent Hantzsch Condensation Reaction under Solvent-Free Condition Suchita S. Gadekar, Suryakant B. Sapkal, Ramesh M. Shingare, Balaji R. Madje. *Int. J. Univ. Print.* 4,5, **2018**, 303-307.
34. MOPS Buffer Catalyzed Synthesis of Indolyl Pyrimidine 2,4,6 Triones Under Ultrasound Irradiation. Suchita S. Gadekar, Suryakant B. Sapkal, Balaji R. Madje. *J. Biol. Chem. Chron.* 5, 3, 2019, 69-71.
35. HEPES buffer mediated synthesis of 3,4-dihydro-3,3-dimethyl-9-arylacridin-1-ones, Suchita S. Gadekar, Suryakant B. Sapkal, Balaji R. Madje, *Eur. Chem. Bull.*, 2020, 9(1), 6-9
36. Microwave-assisted ionic liquid catalyzed one-pot synthesis of hexahydroquinoline derivatives, Amol Sapkal, Suryakant Sapkal, Balaji Madje, *Eur. Chem. Bull.* 2019, 8(11), 352-355
37. Au-MOPS coupled catalyst for the synthesis of 3-amino alkylated indoles, Suryakant B. Sapkal, Sadanand Y. Guhe, Sanjay N. Harke, Balaji R. Madje, *Eur. Chem. Bull.* 2020, 9(3), 82-86.
38. An insight into the biological activity and structure-based drug design attributes of sulfonylpiperazine derivatives. Jaydeo T. Kilbile, Yasinalli Tamboli, Suchita S. Gadekar, Imadul Islam, Claudiu T. Supuran, Suryakant B. Sapkal, *Journal of Molecular Structure* Volume 1278, 15 April 2023, 134971. (IF= 3.8, Online ISSN: 1872-8014 Print ISSN: 0022-2860)

39. Synthesis, biological evaluation, and computational studies of 6-fluoro-3-(piperidin-4-yl)-1,2-benzisoxazole sulfonamide conjugates, Jaydeo T. Kilbile, Suryakant B. Sapkal, *Polycyclic Aromatic Compounds*, 2023, 1-21.
40. PIPES-ZnO NPs coupled Catalyst for the synthesis of 2-((1H-indol-3-yl)(phenyl)methyl)-5,5-dimethylcyclohexane-1,3-diones, Suchita Gadekar, Rajesh Joshi, Suryakant Sapkal, *Results in Chemistry*, 2023, 6, 101074.
41. Synthesis, biological evaluation, and molecular docking studies of N-(arylsulfonyl)-L-Proline-piperazine derived hybrids as novel antimicrobial agents with antioxidant properties, Jaydeo T Kilbile, Siddique Akber Ansari, Suchita S Gadekar, Vagolu S Krishna, Manoj G Damale, Bharat B Kashid, Jaiprakash N Sangshetti, Suryakant B Sapkal, *Synthetic Communication*, 2024, 54, 7, 567-582.
42. Novel 2, 4-Dichloro-5-sulfamoylbenzoic Acid Oxime Esters: First Studies as Potential Human Carbonic Anhydrase Inhibitors, Jaydeo T Kilbile, Suryakant B Sapkal, Gioele Renzi, Ilaria D'Agostino, Luigi Cutarella, Mattia Mori, Barbara De Filippis, Imadul Islam, Maria Luisa Massardi, Elena Somenza, Roberto Ronca, Yasinalli Tamboli, Fabrizio Carta, Claudiu T Supuran, *ACS ACS Med. Chem. Lett.* 2024, 15, 972–978 (<https://doi.org/10.1021/acsmchemlett.4c00206>).
43. Solvent-free simplistic synthesis of bis(indolyl) methanes using Tulsion®-8052 MP resin, Suhas Sadaphal, Sanjay Gaikwad, Shubham dagale, Suryakant Sapkal, Pratibha Randhavane and Jaishree Gawai, *Letters in Organic Chemistry* 2024, 22, 3, 222-227.
44. Lasamide Containing Sulfonylpiperazines as Effective Agents for the Management of Glaucoma Associated Symptoms, fabrizio carta, Jaydeo T. Kilbile, Suryakant B. Sapkal, Gioele Renzi, Ilaria D'Agostino, Mohamed Boudjelal, Yasinalli Tamboli, Luigi Cutarella, Mattia Mori, Silvia Sgambellone, Serafina Villano, Silvia Marri, Laura Lucarini, Simone Carradori, and Claudiu T. Supuran, *ChemMedChem* 2024, e202400601, 1-9 (: <https://doi.org/10.1002/cmdc.202400601>).
45. Resin Tulsion-8052 MP novel and ecofriendly catalyst for Knoevenagel reaction in aqueous medium, Suhas A. Sadaphal, Suryakant B. Sapkal, Suchita S. Gadekar and Jaishree J. Gawai, *Bulgarian Chemical Communications*, 56, 4, 2024, 388-394.
46. Identification, Novel Synthesis, and Characterization of Eluxadoline Impurities, Dattatraya M. Chaudhari, Suchita Gadekar, Suryakant Baburao Sapkal, *Tetrahedron*, 2024, (Revised Manuscript ID **TET-D-24-00890**).
47. Synthesis of Substituted Quinolines by Friedlander Reaction Approach Under Microwave Irradiation, *Letters in Organic Chemistry (Galley Proof submitted)*
48. Synthesis, characterization, and molecular docking studies of new biologically active aryl, heteroaryl, and carboxamide piperazine derivatives of β -amino sulfone. *Journal of Molecular Structure*, 1326, 2025, 141096.

Orcid ID: [0000-0001-5955-1585](https://orcid.org/0000-0001-5955-1585) Link: <https://orcid.org/0000-0001-5955-1585>
Scopus Author ID: 25960383300
Link: <https://www.scopus.com/authid/detail.uri?authorId=25960383300>
Web of Science ID: AAI-6459-2021.
Link: <https://www.webofscience.com/wos/author/record/2235653>
Citation indices on: <https://scholar.google.com/citations?hl=en&user=yxkNR9MAAAAJ>

<u>Citation indices</u>	All
<u>Citations</u>	1110
<u>h-index</u>	18
<u>i10-index</u>	23

PERSONAL

Birth date : 1st March 1981
Gender : Male
Marital status : Married
Nationality : Indian
Language Known : English, Hindi and Marathi
Hobby : Writing Poems, Playing Badminton.
Permanent Address : "Anubandh" 2nd floor, Behind Dhanlaxmi Hero Showroom, Mayur Nagar, Beedbypass, Chhatrapati Sambhajinagar-431010.
Corresponding Address: Department of Chemistry, MGM University, N-6, Cidco, Chhatrapati Sambhajinagar -431003 (MS).

REFERENCES

1) Dr. Vilas Sapkal

Vice Chancellor,
MGM University,
Chhatrapati Sambhajinagar, MS, India.
Email: vc@mgmu.ac.in,
vcoffice@mgmu.ac.in
Mobile: +91-9422856980

2) Dr. Bhaskar Sathe

Professor
Department of Chemistry,
Dr. Babasaheb Ambedkar Marathwada
University, Aurangabad- 431 004
E-mail: bhaskarsathe@gmail.com,
bhaskarsal@yahoo.co.in
Mobile: +91-8999123255

3) Dr. Nitin Patil

Associate Professor,
IISER, Bhopal MP
Phone : +91 755 269 1351
Email : npatil@iiserb.ac.in

DECLARATION

I hereby declare that the above written particulars are true to the best of my knowledge and belief.



Dr.Sapkal S. B