

Name of the faculty: Dr. Santosh Subhash Chobe



Designation	Assistant Professor
Name of the department	Chemistry
E-mail	chobesantosh@gmail.com
Qualification	M.Sc,Ph.D
Administrative Experience	
<ol style="list-style-type: none">1. Appointed as Vice-Principal (Academic) of LVH Arts, Science & Commerce College Nashik-A.Y.2019-20, 2020-21,2. Appointed as Academic and Examination Supervisor of LVH Arts, Science & Commerce College Nashik-A.Y.2021-22, 2022-23	
Representation on Academic / Administrative bodies/members of organizational bodies.	
<ol style="list-style-type: none">1. Appointed as Subject Expert for Selection Committee of Assistant Professor of SPPU.2. Appointed as Member of IQAC and Convener of NAAC Criterion for Research Innovation and Extension.3. Appointed as Member of Debate Competition organized by LVH College during the academic year 2019-2020.4. Resource person for Ph.D. Course work on Research Methodology Organized L.V.H College Collaboration with S.P.P.U. Pune	
Teaching Experience:	Years: 9 Years
Awards / Recognitions	
<ol style="list-style-type: none">1. Recognised Guide of Ph.D. and M.Phil of Savitribai Phule Pune University, Pune.2. Young Scientist Award-2021 by National Environment Science Academy(NESA), New Delhi3. Young Researcher Excellence Award-2021 by INSc, Bangalore4. Bentham Science Ambassador from India.5. Maharashtra Police Annual Academic Award-2013.6. Actively conducted as a member of the college for 'Science Forum' for 3 years, Sponsored by the Government of Maharashtra.7. Presented a paper and stood first prize entitled 'Synthesis and DNA study of some new pyrazolo[1,5-a]pyrimidines' in AVISHKAR-Research festival, 29th December 2009, Organized by S. R. T. M. University, Nanded.8. A research paper awarded as second prize entitled 'An Efficient and Green procedure for the one-pot synthesis of thiazole Schiff bases as ligands under solvent-free condition.' In National Seminar on 'Recent Advances in Chemical Kinetics, Coordination and Nanochemistry' 23-24th January 2009, Organized by Department of Chemistry, RajarshiShahuMahavidyalaya, Latur9. An improved procedure for the synthesis of some new 1,3-diaryl-2-proper-1-ones using PEG400 as a recyclable solvent and their antimicrobial evaluation. The international	

publishing house, LAP Lambert Academic Publishing LAP Publishing would be especially interested in publishing your dissertation in the form of a printed book. LAP LAMBERT Academic Publishing GmbH & Co. KG DudweilerLandstraße 9966123 Saarbrücken Germany

Research Guidance for M.Phil./Ph.D./Project

1. Registered Students for Ph.D-4, CSIR Fellow, Net, Set, Gate.
2. Project Guidance – 32
3. Other University as Project Co-Guide-12

Contribution as referee:

1. Enrolments in Swami Ramanand Teerth Marathwada University, Nanded
2. Enrolments Sant Gadge baba Amravati University, Amrawati.
3. Enrolments in Dr. Babasaheb Ambedkar Marathwada University, Aurangabad

Research Projects:

1. Aspire Mentorship Research Project, BOD, Research Cell, SPPU, Pune: Synthesis and Insilico Investigation of a novel class of Azoles as potent antifungal agents

Reviewer of Journals

1. European Journal of Medicinal Chemistry
2. Bioorganic Medicinal Chemistry Letter
3. Journals of Research Chemical Intermediates
4. Journals of Medicinal Chemistry
5. Journals of Saudi Chemical Society
6. Medicinal chemistry Research

Member of the editorial board

1. As a guest member of Medicinal chemistry Research
2. As a guest member of Journals of Research Chemical Intermediates

Patent / Copyright

1. A greener process for the preparation of sulfonamide chalcone derivatives as potent antifungal agent-Granted Patent No. 277772
2. Solar power base automatic vehicle for water transportation-NO.-201621042273
3. Synthesis and studying of the optical parameters of polyvinyl pyrrolidone/sic nanoparticles-No-202221003379
4. The influence of silver- nitrate and silver- nanoparticles on the creation of biofilms- instaphylococcus- aureus.No-202221005311
5. Generation, extraction, and storage of charge via a triboelectric nanogenerator based on the vehicle -No-202241006582
6. A new green synthesis and characterization of silver-nanoparticle.No-202221008143
7. Artificial intelligence-guided system to route the nanoparticles to the cancer tumors and

nullify their growth-No-202221014164

8. A machine learning-based approach analyzes the characteristics of various nanomaterials for understanding their molecular aspects-No-202241021302
9. Biogenic gold and silver nanoparticles in the degradation of aromatic nitro compounds--No-202221015901

A research paper published/presented

1. 1, 5-Benzothiazepine Derivatives: Green Synthesis, In Silico and In Vitro Evaluation as Anticancer Agents. *Molecules* 27.12 (2022): 3757.
2. Polyethylene glycol-400 Prompted An Efficient Synthesis of Thienyl Pyrazolo [1, 5-a] pyrimidines as Microbial Inhibitors. *Current Organic Synthesis* (2022).
3. Microwave prompted solvent-free synthesis of new series of heterocyclic tagged 7-arylidene indanone hybrids and their computational, antifungal, antioxidant, and cytotoxicity study. (2021) *Bioorganic Chemistry*, 115, 105259.
4. Synthesis, spectral analysis, antibacterial, antifungal, antioxidant, and hemolytic activity studies of some new 2, 5-disubstituted-1, 3, 4-oxadiazoles. (2022) *Journal of Molecular Structure*, 1253, 132216.
5. I2/HIO3 IN PEG-H2O: AN ELOQUENT SYSTEM FOR DIRECT IODINATION OF ACTIVATED ARENES." *Journal of Advanced Scientific Research* 11.02 (2020): 137-144.
6. A mini-review: imidazolium compounds and their potent biological applications.(2021)<http://dx.doi.org/10.24327/ijcar.2021.25237.5036>
7. Efficient synthesis, antibacterial, antifungal, antioxidant and cytotoxicity study of 2-(2-hydrazineyl) thiazole derivatives." *ChemistrySelect* 5.9 (2020): 2778-2786.
8. NaOH/PEG-400: An eloquent system for the synthesis of new thienyl benzo[b]1,4-diazepines,(2020), *European Journal of Chemistry*,11(4), 2153-2249.
9. An Efficient Synthesis of 2-Cinnamoyl-Benzo[g] Indazoles using PEG-400as Green Reaction Solvent (2020)*International journal of current research*,12(4),10908-10912,
10. Microwave-assisted Eco-friendly synthesis of 1,5-Benzothiazepine Derivatives as potent antifungal agents via green approach, (2019), *International Journal of Research and Analytical Review*, 6(1), 492-495.
11. Design and synthesis of 1,4-substituted 1H-1,2,3-triazole-quinazoline-4(3H)-one by Huisgen 1,3-dipolar cycloaddition with P13Ky isoform selective activity. (2018), *Bioorganic and Medicinal Chemistry Letters*,28,1005-1010.
12. An efficient one-pot three-component synthesis of 3-(4-(4-chlorophenyl) thiazol-2-yl)-(aryl)-thiazolidine-4-one derivatives using polyethylene glycol (PEG-400) as a green recyclable solvent and their biological evaluation (2014) *Australian Journal Basic and Applied Science*
13. Poly (ethylene glycol) (PEG-400): A Green approach towards the synthesis of novel Pyrazolo [3, 4-d] pyrimidine-6-amines derivatives and their Antimicrobial Screening,(2014) *Archives of Applied Sciences*.6(2), 61-66.
14. One-pot synthesis of poly hydro quinoline derivative as an antimicrobial agent,(2014), *World journal of pharmaceutical research*, 3(10),728-735.
15. Green approach towards the synthesis of substituted pyrazole-1, 4-dihydro, 9-ox, 1, 2, 6, 8-tetrazacyclopentano [b] naphthalene-5-one derivatives as antimycobacterial agents, (2013), *Medicinal Chemistry Research* 22.11 5197-5203.
16. An eco-friendly synthesis and DNA binding interaction study of some pyrazole [1,5-a] pyrimidines derivatives,(2012), *Bioorganic and Medicinal Chemistry Letters*, 22,7566-7572.
17. An efficient and rapid synthesis of some novel 1,3-diaryl, diazenyl, 2-propane-1-one using PEG-400 as a recyclable solvent and they're in vitro antimicrobial evaluation,(2012) *Orbital Electronic Journal of Chemistry*, 4, 1.
18. Novel thiazole-pyrazolyl derivatives as xanthine oxidase inhibitors and free radical scavengers,(2012), *International Journal of Macromolecules*, 50(4), 947-956,

19. Synthesis and Invitro Antimicrobial Screening of some new Substituted benzidine-3- (4,5-diphenyl-1H-imidazol-2-yl)-6-methyl-quinoline,(2011), *Archives of Applied Science Research*, 3 (1), 401-406.
20. An efficient green synthesis of some novel hetero chalcones as potent antimicrobial agents,(2011), *Journal of Pharmacy Research*, 4(10), 360-363.
21. Clean and Green Approach for N-formylation of Amines using Formic acid under neat reaction condition, (2011), *of Applied Science Research*, 3(3), 246-251.
22. One-pot multicomponent synthesis and antimicrobial evaluation of some novel pyrano-[2,3-c]- pyrazole derivatives.(2011) *Der Pharma Chemica*, 3(3), 300-305.
23. PEG-400: prompted eco-friendly synthesis of some novel pyrazolo[1,5-a] pyrimidine derivatives and their invitro antimicrobial evaluation,(2011), *J. Chem. Pharm. Res.*,3(2):435-443.
24. Bleaching Earth Catalyzed Synthesis of Bis (Indolyl) Methane's Derivatives in(Polyethylene Glycol) PEG-400,(2011), *Research Journal of Science and Technology*, 03(05), 251.
25. Three component one-pot synthesis of 2-{1-[4-aryl-thiazol-2-ylimino] ethyl}-phenol in polyethylene glycol (PEG-400) as a green medium,(2010), *Green Chemistry Letters and Reviews Vol 3(3)*, 205-208.
26. Synthesis and Biological evaluation of 2-(2-butyl-4-chloro-1H-imidazole-5-yl-methylene)-substituted-benzofuran-3ones,(2010), *Organic Communications*, 3:2, 22-29.
27. An efficient one-pot synthesis of substituted pyrazolo [3,4 b:4',3'e]pyridine derivatives via the Hantzsch three-component condensation using bleaching earth catalyst and their invitro Antimicrobial evaluation,(2010), *International Journal of ChemTech Research*. 3(2), 938-943.
28. Design, synthesis of some new pyrazolo [3, 4-c] pyrazolthiazolone and evaluation of their antimicrobial activity,(2010), *Der Pharmacia Sinica*, 1 (3), 140-146.
29. Synthesis of some novel substituted pyrazole-based chalcones and their in vitro antimicrobial activity, Bhaskar S. Dawane, Baseer M Shaikh, Namdev T. Khandare, Gajanan G. Mandawad Santosh S. Chobe and Shankaraiah G. Konda, *Asian J. Res. Chemistry* 3(1), Jan. – Mar. 2010.
30. An efficient synthesis and in vitro antimicrobial activity of 1, 2, 4-Triazin-6-(5H)-one derivative,(2010), *Der ChemicaSinica*, 1 (2), 86-91.
31. Synthesis and in vitro antimicrobial activity of some new 1-thiazolyl-2-pyrazoline derivatives,(2010), *Int. J. Pharm. Sci. Rev. and Res.* 1(2), 09.
32. One-pot multicomponent synthesis and antibacterial evaluation of some novel acridine derivatives. (2010), *Der Pharma Chemica*, 2(4), 25-29.

Books published / chapters in a book

1. Fundamentals of Functional Group, 978-97-87317-61-0, 2018, Success Publication.
2. Spectroscopic Methods of Organic Compounds, 978-97-87317-61, 2019, Success Publication.

Conferences/Seminars/ Workshop organized / attended

1. Presented an oral presentation entitled "One-pot multicomponent synthesis and antimicrobial screening of some novel acridine derivatives 19-21 DEC 2010 organized by the Indian Council of Chemists.
2. Presented a paper entitled "Eco-friendly Polyethylene glycol (PEG-400): A rapid and efficient recyclable reaction medium for the synthesis of Thiazole derivative 29-30 March 2010 National seminar on Recent Research Trends In Synthetic Organic And Natural Product Chemistry

Organized by Dept. Of Chemistry Sri Venkateswara University, Tirupati-Andhra Pradesh.

3. Presented a paper entitled "Synthesis of some novel pyrazolo [1, 5-a] pyrimidine derivatives and their in vitro antimicrobial evaluation January 5-7 2010 International Conference on "Emerging Trends in Chemistry". Department of Chemistry, University of Pune, Maharashtra.

4. Presented a paper in 'AVISHKAR-Inter-university research festival' entitled "Ecofriendly Synthesis and DNA-binding of some new pyrazolo [1,5-a] pyrimidine derivatives.10-13th January 2010, Organized by Solapur University Solapur.

5. Participated in International Conference on 'Drug Discovery & Nanotechnology' 27-29th January 2008, Organized by Department of Chemistry, YeshwantMahavidyalya, Nanded.

7. Presented a paper entitled 'Synthesis and In vitro free radical scavenging activity of some novel flavonoids' in National Conference on 'Recent Advances in Chemical Research' 6- 7 th February 2009, Organized by Department of Chemistry, Osmania University, Hyderabad.

8. Participated in National Conference on 'Recent Advancements in chemical kinetics, coordination, and nanochemistry R. S. college Latur-2009.

9. Participated in National Conference on "Recent Advancements in green chemistry organized by Dept. of Chemistry, Vaidyanath college, Parli-2010.

10. Participated in National Conference on "advanced tools in chemical analysis organized by Dept. of Chemistry, Deogiri College, Aurangabad-2012.

11. Presented a paper entitled "An Environmentally Benign Protocol for the Synthesis of 1, 5 Benzodiazepines Derivatives as Potential Antibacterial Agents Using PEG-400 as a Green Reaction Solvent" in International Conference Chemistry For Mankind: Innovative Ideas in Life Sciences" (ICCM-2011) being organized by Chemistry Departments of RTM, Nagpur University, Institute of Science, S.F.S College, Nagpur.

12. Presented a paper entitled "Synthesis of some novel substituted pyrazole based chalcones and their in vitro antimicrobial activity 12-13 March 2010 National Conference on Recent Trends In Chemical Research Jointly Organised by G. S. Gavande College Umerkhed and S.G.B. Amravati University, Maharashtra.

13. Presented a paper entitled "An efficient one-pot three-component synthesis of 3-(4-(4-chlorophenyl) thiazol-2-yl)-(aryl)-thiazolidine-4-one derivatives using polyethylene glycol (PEG-400) as a green recyclable solvent and their biological evaluation" 4-5 Nov 2011 National Conference on Eco-friendly synthesis of organic compounds organized by Dayanand Sciences College Latur.

14. Presented a paper entitled "One-pot multicomponent synthesis and antimicrobial evaluation of some novel pyrano-[2,3-c]- pyrazole derivatives" 26 Feb 2012 Workshop on interdisciplinary Nanoscience organized by Swami Ramanand Teerth Marathwada University, Nanded.

15. Participated in Recent Advances in Bioactive Heterocycles. 22-March organized by Hu. Bahirji Smarak Mahavidyalaya, Hingoli.

16. Participated in workshop on "Advances in Computer Aided Drug Designing" 18 Feb- 2010.

organized by Swami Ramanand Teerth Marathwada University, Nanded.

17. Presented a paper entitled "PEG-Mediated Green Protocol towards Synthesis of Indole Derivatives Acts as an Antifungal Agents" National Conference on "Advanced Analytical Techniques in chemistry and pharmacy. 8 and 9th oct. 2013. Organized by M.S.G. College Malegaon camp. Dist- Nashik.

18. Presented a paper entitled " Design, synthesis of pyrazolo [1,5-a]pyrimidine derivatives as a DNA binder. International conference on global opportunities for latest development in chemistry and technology-2014(GOLD-CT-2014) Organized by School of Chemical Sciences North Maharashtra university Jalgaon on 06-08 Feb 2014.

19. Participated in National Conference on "chemistry for the overall development of human being" organized by Dept of chemistry K.S.K.W arts, science, and commerce college, cidco,16 and 17 th Jan 2015 Nashik

20. Presented a paper entitled "A green reaction media for synthesis of novel chalcone as potent antimicrobial agents" in national conference on recent trends in chemical sciences organized by dept of chemistry late pundalikraogawali arts and science college,shirur(Jain) 26 April 2015.

21. Presented a paper entitled " a greener approach towards the synthesis of novel isoxazoline derivatives as potent antifungal agents" in UGC-SAP sponsored international conference on New horizons in synthetic and material chemistry (icsmc-2015) held at the University of Mumbai

22. Participated in one-day seminar on instrumentation analysis, techniques, and validation Other Relevant Information: process sponsored by LAB INDIA analytics on 28 Feb 2016.

23. Participated in a two-day seminar on " Role of academic and Administrative audit in institutional quality enhancement" sponsored by NAAC (Bangaluru) and organized by I.Q.A.C Cell C.T. Bora arts, science, and commerce college, 4 th and 5th March 2016, shirur, Dispute.

24. Presented a paper entitled "An expeditious green protocol towards the synthesis of pyrazoline derivatives as a medicinal interest and their docking screening" in an international conference on emerging trends and issues in research and development" 17th and 18 th Feb. 2016 at M.S.G.College, Malegaon

25. presented paper entitled "An eco-friendly method for the synthesis of solvent-free reaction of oxazine derivatives" 18 -20 Jan 2022 at L.V.H College.

Experience as Resource Person

1. Resource Person for NET/SET exam at Yeshwant Mahavidyalaya, Nanded.
2. Resource Person for Spectroscopy and analysis technique exam at Khare dhare college, Guhaghar, Mumbai.
3. Resource Person for coordination chemistry at Late Pundlikrao Gawali college, washim, Amrawati.
4. Resource Person for NET/SET exam at N.S.B. College, Nanded
5. Resource Person for Spectroscopy at Udaygiri College, Udgir

6. Resource Person for Science Day Inaugural function at Arts, Science and Commerce College, Harsul, Trimbakeshwar, Nashik
7. Resource Person for Guidance lecture, Nanded
8. Resource Person for NET/SET exam at Amolchand Mahavidyalaya, Yawatmal, Amrawati.
9. Chair session for International conference on current Innovation in Sciences-2022 at Late Pushpadevi Patil Arts and Science college Risod, Washim, Amrawati

E-content developed

1. Youtube link-https://www.youtube.com/watch?v=27ZKi5_Ti9Q
2. Website- -

Social Media links

Research gate	https://www.researchgate.net/profile/Santosh-Chobe
Google Scholar	https://scholar.google.co.in/citations?user=7gzMm6YAAAAJ&hl=en
Orchid Id	https://orcid.org/0000-0001-5522-2522
Facebook	https://www.facebook.com/santosh.chobe.3
What's app	9975635059
Telegram	santoshchobe