

Name of the faculty: Mrs.Nutan Vitthal Sadgir



Designation	Assistant Professor
Name of the department	Chemistry
E-mail	nutansadgir@mail.com
Qualification	M.Sc.NET,Pursuing Ph.D.
Experience <ol style="list-style-type: none">Research Associate- (June 2008 to Oct 2010)- Two- and half-year Exp. In Syngenta Bioscience Pvt Ltd. Corlim, Panji, Goa. Working as Research Associate in R&D Synthesis Lab, This MNC Deal with the Research and development on Agricultural pesticides, fungicide products all over the world. In working profile Deal with the Development of new products their synthesis and analysis.Jr. Lab Chemist-- Working as Jr. lab chemist in MAHAGENCO (GOV.OF MAHARASTRA) 1400 MW Thermal Power plant, located at Bhusawal, Maharashtra.	
Teaching Experience: 12 Years	
Awards / Recognitions <ol style="list-style-type: none">Best Assistant Professor of the year 2022 by Asian education awards.	
Research Guidance for M.Phil./Ph.D./Project <ol style="list-style-type: none">Research guidance for PG second year student for their project.	
Research Projects: <ol style="list-style-type: none">A minor Research project, sanctioned by UGC(WRO), on “Synthesis of heterocyclic compound derived from chalcones” in 2017-2019	
Reviewer of Journals <ol style="list-style-type: none">Material Science Research India.“International Journal of Computational and Theoretical Chemistry (IJCTC);Advanced Journal of chemistry sec. A	
Research paper published / presented <ol style="list-style-type: none">Synthesis, Molecular Structure, Electronic, Spectroscopic, NLO and Antimicrobial Study of N-Benzyl-2-(5-aryl)aniline Derivatives, Journal of Molecular structure(2022)Synthesis, Spectral Analysis, Antibacterial, Antifungal, Antioxidant and Hemolytic Activity Studies of Some New 2,5-Disubstituted-1,3,4-Oxadiazoles ,Journal of Molecular structure(2022)One Pot Synthesis, Spectroscopic Characterization, and Computational Studies of Benzo[d][1,3]dioxol-5-yl(3-(4-isopropylphenyl)oxiran-2-yl)methanone and Benzo[d][1,3]dioxol-5-yl(3-(4-chlorophenyl)oxiran-2-yl)methanone,Asian Journal of Organic and Medicinal chemistry (2022)	

4. Green Approach for the Synthesis of Chalcone: Review of Methods, Asian Journal of Organic and Medicinal chemistry (2022)
5. Synthesis, Characterization and Antimicrobial Activity of para-Toluidine and ortho-Toluidine Schiff Base and its Cu(II) and Ni(II) Complexes, Asian Journal of Organic and Medicinal chemistry (2022)
6. Synthesis, spectroscopic and dft based quantum chemical study of (2E)-1-(4-chlorophenyl)-3-[4-(propan-2-yl) phenyl] prop-2-en-1-one, Journal of Chemical, Biological and Physical Sciences(2021)
7. Women Health Problems Concern with Maternity in India, International Journal of Advanced Research in Science, Communication and Technology (2021)
8. Molecular Structure, FT-IR Spectra, MEP and HOMO-LUMO Investigation of 2-(4Fluorophenyl)-5-phenyl-1, 3,4-oxadiazole Using DFT Theory Calculations, Advanced Journal of Chemistry-Section A (2021)
9. Synthesis, characterization and antimicrobial activity of chalcones, pyrazolines and pyrimidine derivative, WJPR (2021)
10. Structural, Spectroscopic (UV-Vis and IR), Electronic and Chemical Reactivity Studies of (3,5-Diphenyl-4,5-dihydro-1Hpyrazol-1-yl)(phenyl)methanone, *Phys.Chem. Res.*,
11. "Synthesis, spectroscopic characterization, XRD crystal structure, DFT and antimicrobial study of (2E)-3-(2,6dichlorophenyl)-1-(4-methoxyphenyl)-prop2-en-1-one." Springer Nature Applied Sciences (2020)
12. Synthesis, Spectroscopic Characterization, Quantum Chemical Study and Antimicrobial Study of (2e) -3-(2, 6-Dichlorophenyl) -1-(4Fluoro) -Prop-2-En-1-One,Material Science Research India(2020)
13. A Review On Air Pollution Problem In India and BS Norms, IJAEM (2020)
14. Survey on Pandemic contact disease and there comparison IJAEMA (2020)
15. Assessment of Health Status of Adolescent Girls for futuristic task,GIS (2020)
16. Structural, vibrational and chemical reactivity studies of (2-(4chlorophenyl)-5-(4-methylphenyl)-1,3,4oxadiazole, IJRAR (2019)
17. Review on Synthesis and Biological activity of Chalcones , IJRAR (2019)
18. Theoretical study of molecular structure, v spectra of ethyl-2 amino -4-methyl, 3 -thiazole-5carboxylate by DFT calculation" IRSCR (2018)
19. Environmental ethics and Human value" Scholars World (2016)

20. Role of Green chemistry in Synthetic Chemistry, Research Journey (2017)

Books published / chapter in a book

1. Gandhi vichar and vrtupatre in Platinum jubilee of Indian Independence :Relevance of Gandhian Ideology.

Conferences/Seminars/ Workshop organized / attended

- 1) Presented a paper in International e -conference on “Synthesis, Spectroscopic Characterization, Computational and antimicrobial Studies of (3-(benzo [d] [1,3]dioxol-5-yl)-5-(4-chlorophenyl)-4,5-dihydro-1H-pyrazol-1-yl)(4-chlorophenyl)methanone”, Integrative Nanotechnology Perspectives for Multidisciplinary Applications 2022(INPMA-2022) organized vy awate college,Manchar.
- 2) Presented a paper in International e conference on “Synthesis, Spectroscopic and DFT based quantum chemical study of (z)-2-(4-chlorobenzylidene)-5,6-dimethoxy-2,3-dihydro-1h-inden-1-one” (**CRCNS-2022**) organized by MGV’s L.V.H.Arts,Science and Commerce College,Nashik (2022)
- 3) Presented a paper in National seminar on” Aspirin uses, risk And Benefits” organized by Arts, Sci. & comm. College, Rahata.(2015)
- 4) Presented a paper in National conference on “Role of solvent in green chemistry” organized by MGV’s L.V.H.Arts,Science and Commerce College,Nashik (2017)
- 5) Presented a paper in International conference on “Chalcone-A Review” organized by D.N.College,Faizpur,Jalgaon (2017).
- 6) Presented a paper in state level conference on “Biogas Technology is alternative resource of energy” organized by MGV’s S.P.H.Arts,Science and Commerce College. (2018)
- 7) Presented a paper in International symposium on “Assessment of health Status of adolescent Girls For Futuristic task” organized by Malpani college, sangmner (2018)
- 8) Presented a paper in International conference on “Theoretical study of molecular structure, vibrational spectra of ethyl-2 amino -4-methyl,3 -thiazole-5carboxylate by DFT calculation” organized by MGV’s L.V.H.Arts,Science and Commerce college, Nashik (2018)
- 9) Presented a paper in state level conference on “Role of Green chemistry in Synthetic Chemistry” organized by MGV’s S.P.H.Arts,Science and Commerce College. (2017)

- 10) Presented a paper in national conference on “Environmental ethics and Human value” organized by MGV’s S.P.H.Arts,Science and Commerce College. (2016)
- 11) Presented a paper in national conference on “Combinatorial Chemistry” organized by M.J.S.College. (2014)
- 12) Participated in National conference On “Advanced Analytical techniques in Chemistry and Pharmacy” organized by M.S.G.College, Malegaon-Camp, Nashik
- 13) Participated in state level framing of T. Y. B. Sc. Chemistry organized by H.P.T. Arts and R.Y.K. Science College, Nashik
- 14) Participated in state level conference on “Recent Trends in Spectroscopy” organized by Arts, Science and Commerce College, Surgana.
- 15) Participated in state level conference on “Waste Management : Domestic, Medical, Industrial and E-waste” organized by K.P.G.College, Igatpuri, Nashik.
- 16) Participated in three days national conference on National Teacher congress organized by MIT, Pune
- 17) Participated in National webinar on “Development of Teacher’s e-Kit – Chemistry” organized by GAD-TLC SGTB Khalsa college, New Delhi. Under PMMMNMTT
- 18) Participated in National webinar on “Development Of Higher Education in India : AN Overview” organized by GAD-TLC SGTB Khalsa college, New Delhi. Under PMMMNMTT
- 19) Participated in National webinar on “Role of teachers in Technology driven Higher Education” organized by GAD-TLC SGTB Khalsa college, New Delhi. Under PMMMNMTT
- 20) Participated in National webinar on “Challenges & Opportunities Before Indian Higher Education due to Covid- 19” organized by GAD-TLC SGTB Khalsa college, New Delhi. Under PMMMNMTT
- 21) Participated in National webinar on “Corona Pandemic and Economic Challenges in India” organized by GAD-TLC SGTB Khalsa college, New Delhi. Under PMMMNMTT

22) Participated in National webinar on “E-content Development Methodology: Four Quadrant Model, OERs, and copyright issue.” organized by GAD-TLC SGTB Khalsa college, New Delhi. Under PMMMNMTT

Attended Orientation/Refresher?FDP course

- 1) Completed one 28 days orientation courses in 2015 at Human Resource Development Centre BAMU ,Aurangabad
- 2) Completed one 21 days refresher courses in 2017 at Human Resource Development Centre BAMU ,Aurangabad
- 3) Completed one refresher course organized by Swamyam in 2019.
- 4) Completed one faculty development programme on “Multimedia enriched e- Content” Development courses in 2020 organized by GAD-TLC SGTB Khalsa college, New Delhi. Under PMMMNMTT
- 5) Completed refresher on “Emerging accessible Technologies for teachers in higher education ” 2021 organized by GAD-TLC SGTB Khalsa college, New Delhi. Under PMMMNMTT ,20th March 2021 to 3rd April 2021
- 6) Completed faculty development programme on “Four Quadrant Model for Development of E-content, MOOCs and Teachers E-kit” sept.2021 organized by GAD-TLC SGTB Khalsa college, New Delhi. Under PMMMNMTT

Experience as Resource Person

1. In NET/SET workshop organized by MGV’s L.V.H.Arts,Science and Commerce college,Nashik
2. In state level online workshop on Joint CSIR-UGC NET and SET preparation of frontiers in research organized by AAC college,Manchar.

Conference/workshop/webinar/fdp

- 1.worked as member of organizing committee in national, state and international level conference.
- 2.worked as coordinator of five days research methodology workshop.
- 3.worked as Convenor in national level webinar
- 4.worked as coordinator of one week national faculty development workshop
- 5.worked as departmental exam coordinators of Exam.
- 6.worked as chairman of women grievances and vishkha samittee of vichur dalvi arts,science and commerce college.
7. worked as member of Coordinator of competitive exam cell.

8. worked as member of different committee like admission commiittee,RUSA,NAAC, etc.

E-content developed

1. Website - http://studymaterial.unipune.ac.in:8080/jspui/handle/123456789/10/simple-search?query=&sort_by=score&order=desc&rpp=10&filter_field_1=author&filter_type_1>equals&filter_value_1=Sadgir%2C+N+V&etal=0&filtername=subject&filterquery=Chemistry&filtertype>equals
2. Youtube link- <https://www.youtube.com/c/NutanSadgir>
3. Developed one **module on chemistry of alkane**

Social Media links

Research gate	https://www.researchgate.net/profile/Nutan-Sadgir-2
Research Scholar	https://scholar.google.com/citations?user=Zo37f1YAAAAJ&hl=en
Orchid Id	0000-0002-7281-8376
facebook	https://www.facebook.com/nutan.sadgirdhonnar
Whats app	8485811767
Telegram	https://t.me/nutansadgir