

Name of the faculty: Mr. Dhonnar Sunil Laxman



<b>Designation</b>	Assistant Professor
<b>Name of the department</b>	Chemistry
<b>E-mail</b>	sunildhonnar@gmail.com
<b>Qualification</b>	M.Sc. Organic chemistry (NET)
<b>Administrative Experience</b>	
<b>Representation on Academic / Administrative bodies / Member of organizational bodies.</b>	
<b>Teaching Experience:</b>	10 Years
<b>Awards / Recognitions:</b>	Best chemistry student award
<b>Research Guidance for M.Phil./Ph.D./Project</b>	
<b>Contribution as referee:</b>	
<b>Research Projects:</b>	
<b>Reviewer of Journals</b>	
1. Advances in Science, Technology and Engineering Systems Journal 2. Material Science Research India	
<b>Member of editorial board</b>	
<b>Patent / Copyright</b>	
<b>Research paper published / presented</b>	
1. Synthesis, molecular structure, electronic, spectroscopic, NLO and antimicrobial study of <i>N</i> -benzyl-2-(5-aryl-1,3,4-oxadiazol-2-yl)aniline derivatives, <i>Journal of Molecular Structure</i> , 1262, <b>2022</b> , 133017.	
2. Synthesis, spectral analysis, antibacterial, antifungal, antioxidant and haemolytic activity studies of some new 2,5-disubstituted-1,3,4-oxadiazoles. <i>Journal of Molecular Structure</i> , 1253, <b>2022</b> , 132216.	
3. Structural, Spectroscopic (UV-Vis and IR), Electronic and Chemical Reactivity Studies of (3,5-Diphenyl-4,5-dihydro-1H-pyrazol-1-yl)(phenyl)methanone. <i>Physical Chemistry Research</i> , 9(2), <b>2021</b> , 193–209.	
4. Molecular Structure, FT-IR Spectra, MEP and HOMO-LUMO Investigation of 2-(4-Fluorophenyl)-5-phenyl-1,3,4-oxadiazole Using DFT Theory Calculations. <i>Advanced Journal of Chemistry-Section A</i> , 4(3), <b>2021</b> , 220–230.	
5. Spectroscopic (FTIR and UV), quantum Chemical, ant. ifungal and antioxidant investigations of ( <i>E</i> )-7-(4-(trifluoromethyl)benzylidene)-1,2,6,7-tetrahydro-8H-indeno[5,4-b]furan-8-one: A combined experimental and theoretical study. <i>Vietnam Journal of Chemistry</i> , 59(5), <b>2021</b> , 689–700.	
6. Microwave prompted solvent-free synthesis of new series of heterocyclic tagged 7-arylidene indanone hybrids and their computational, antifungal, antioxidant, and cytotoxicity study. <i>Bioorganic Chemistry</i> , 115, <b>2021</b> , 105259.	
7. Synthesis, spectroscopic and dft based quantum chemical study of (2 <i>E</i> )-1-(4-chlorophenyl)-3-[4-(propan-2-yl) phenyl] prop-2-en-1-one. <i>Journal of Chemical, Biological and Physical Sciences Section A: Chemical science</i> , 11(4), <b>2021</b> , 486-498	

8. Synthesis, spectroscopic characterization, XRD crystal structure, DFT and antimicrobial study of (2E)-3-(2,6 dichlorophenyl)-1-(4-methoxyphenyl)-prop2-en-1-one. *SN Applied Science*, 2, **2020**,1376.
9. Synthesis, Spectroscopic Characterization, Quantum Chemical Study and Antimicrobial Study of (2E) -3-(2, 6-Dichlorophenyl) -1-(4-Fluoro) -Prop-2-en-1-one. *Material Science Research India*,17(3),**2020**,281-283.
10. A Review On Air Pollution Problem In India and BS Norms. *International Journal of Advances in Engineering and Management*,2(3),**2020**,467-471.
11. Structural, vibrational and chemical reactivity studies of (2-(4- chlorophenyl)-5-(4-methylphenyl)-1,3,4-oxadiazole. *International Journal of Research and Analytical Reviews*, 6(2), **2019**, 674–682.
12. Review on synthesis and biological activity of chalcone, *International Journal of Research and Analytical Reviews*, 6(1),**2019**,814-820,
13. Molecular structure, vibrational spectra and theoretical HOMO-LUMO analysis of (E)-3, 5-dimethyl-1-phenyl-4-(p-tolyldiazenyl)-1H-pyrazole by DFT method. *Der Pharma Chemica*, 8(17), **2016**, 119–128.
14. DFT study on Vibrational Spectra and HOMO-LUMO of p-chloro benzohydrazide. *Researchers world journal of arts, science and commerce*, (ISSN: 2231-4172), Innovations in Nanomaterials and their applications (**ICINA-2018**) (Presented & Published).
15. Molecular Structure, Vibrational assignment of 3,5-dimethyl-4-[(E)-(2-methylphenyl) diazenyl]-1-phenyl-1H-pyrazole by DFT, *Emerging Trends in Chemistry and Nanoscience (ETCN-2017)* (Presented).
16. Molecular structure, Vibrational Spectra (FT-IR), HOMO-LUMO and MEP surface analysis of 2, 5-diphenyl-1, 3, 4-oxadiazole using DFT method. *Current research in chemistry and Nano Sciences (CRCNS-2022)* (Presented)

#### **Books published / chapter in a book**

1. Chapter title-भारतीय स्वातंत्र्य लढ्याच्या इतिहासातील एक सोनेरी पान- महात्मा गांधी  
BOOK- Platinum Jubilee of Indian Independence; Relevance of Gandhian Ideology, Sanyog publication ISBN: 978-81-949467-0-0, Page no.171

#### **Conferences/Seminars/ Workshop organized / attended**

##### **Participation**

1. IP Awareness/Training program under National Intellectual Property awareness mission, organized by Property Office, India on 24 March 2022
2. An International e-Conference on “Current Innovations in Sciences (CIS-2022)” organised by Faculty of Science and Internal Quality Assurance Cell (IQAC) of Late Pushpadevi Patil Arts and Science College, Risod on Monday 21st February, 2022.
3. Three day International e-conference on Current Research in Chemistry and Nanosciences (CRCNS-2022) Jointly organized by Department of Chemistry in association with IQAC and BOS Chemistry MGV from 18th to 20th January 2022
4. Intellectual Property Rights organized by PG Department of Chemistry, BoS Chemistry (MGV) and I.Q.A.C. on 23rd October, 2021.
5. Three Days International Conference on "Recent Trends in Green and Sustainable Development in Chemical Sciences" Department of Chemistry, KTHM College, Nashik under UGC-STRIDE: Research Capacity Building on 25th to 27th October 2021.

6. International conference on innovations in Nanomaterial and their applications [ICINA-2018] 18<sup>th</sup> and 20<sup>th</sup> Jan.2018.L.V.H.College Panchavati Nashik
7. National conference on Emerging trends in chemistry and nanoscience [ETCN-2017] 20<sup>th</sup> and 21<sup>th</sup> Jan.2017. L.V.H. College Panchavati Nashik
8. State Level Seminar on *Recent Trends in Chromatographic Techniques* 20 Oct. 2016,M.G.Vs Pharmacy College Panchavati Nashik, S.P.P.U. India
9. State level seminar On *Recent development In Chemical Science (RDCS-2016)* S.S.G.M. College Kopargaon, S.P.P.U. India
10. National conference on “*Redefining the role of chemistry in modern science*” 13<sup>th</sup> and 14<sup>th</sup> Feb.2014 K.V.N. Naik College Nashik S.P.P.P. India
11. National Conference on *Advanced Analytical techniques in Chemistry and Pharmacy* 8<sup>th</sup> and 9<sup>th</sup> Oct. 2013, M.S.G. College Malegaon, S.P.P.U. Nashik.

**Organized**

- 1) State level NET-SET Examination workshop (Committee Member)
- 2) State level seven days’ workshop on Research Methodology (Convener)
- 3) Faculty development programme (Committee Member)

**Experience as Resource Person**

1. State Level NET SET Workshop organized by LVH College Panchavati Nashik

**E-content developed**

1. Website -
2. Youtube link-

**Social Media links**

<b>Research gate</b>	Sunil L Dhonnar
<b>Research Scholar</b>	<a href="https://scholar.google.com/citations?user=n9YrBqAAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=n9YrBqAAAAAJ&amp;hl=en</a>
<b>Orchid Id</b>	0000-0002-4098-3107
<b>facebook</b>	Sunil L Dhonnar
<b>Whatsapp</b>	9260489799
<b>Telegram</b>	