CURRICULUM VITAE

Dr. R. A. Shinde
Assistant Professor,
Department of Chemistry,
Mahatma Gandhi Vidyamandri's Arts, Science and Commerce College, Manmad, Nashik, MS, India, Pin-423104

Objective: *To work in an Organization, that competition and offers opportunity for growth and enriches my vision to achieve results in competitive environment for Career and learning.*

Details	
Full Name	Dr. Rahul Ashok Shinde
Designation	Assistant Professor Department of Chemistry, Mahatma Gandhi Vidyamandir's Arts, Science and Commerce College, Manmad, Nashik, MS, India, Pin-423104.
Academic Qualification	❖ M.Sc., Organic Chemistry, CSIR-NET, SET.
Teaching Experience	❖ 12 years teaching experience (10 years UG, 06 years PG)
Ph.D.	❖ Awarded Ph.D. Degree from Savitribai Phule, Pune University, Pune under the Guidance of Prin. Dr. B.S. Jagdale.
Work experience on various Committees	❖ UGC Co-ordinator, ASC college, Manmad (2018-2020) ❖ Food Processing (Agri.) under Community College Co-ordinator, ASC college, Manmad (2019-2020) ❖ Science Association Committee member, ASC College, ❖ Manmad (2019-2020) ❖ Academic Calender, Time-table & Weekly-Annual report Committee member, ASC College, Manmad (2019-2020) ❖ Feedback Committee member, ASC College, Manmad (2019- ❖ 2020) ❖ Website in charge, ASC college, Manmad (2017-2018) ❖ Placement Cell Committee member, ASC College, Manmad(2018-2019) ❖ Chemiad competition college charge (2016-2018)
Achievements	❖ Completed M.Sc. [Organic Chemistry] from MSG Arts, Science and Commerce College Malegaon Camp, Malegaon and stood first in the class in the year 2009-2010. ❖ Cleared Maharashtra SET Examination in 2011.

	❖ Cleared UGC-CSIR NET Examination in 2011. ❖ Completed Orientation Course from 06/02/2019 to 05/03/2019 from UGC-Human Resource Development Centre, Punjabi University, Patiala. ❖ Completed Refresher course "ADVANCED CONCEPTS FOR DEVELOPING MOOCS" Organized by Ministry Of Human Resource Development Pandit Madan Mohan Malaviya National Mission On Teachers And Teaching (PMMMNMTT) Teaching Learning Centre Ramanujan College (University Of Delhi) from 02 July 2020 to 17 July 2020.
Resource Person/Guest Lecture	❖ Delivered lecture on "Symmetry elements and points groups" in SSR College of Arts, Commerce & Science Sayli, Silvassa. ❖ Delivered lecture on "Retrosynthesis" in R. N. Chandak Arts, ❖ J. D. Bytco Commerce & N. S. Chandak Science College, Nashik Road, Nashik.
Conferences/ Seminars/ Workshop	❖ Attended one day Workshop on Revision of S.Y. B.Sc. Chemistry syllabi (Choice Based Credit System at SVKT Arts, Science & Commerce College, Deolali Camp, Nashik on 25th feb. 2020. ❖ Attended Three Days International Conference on "Innovations In Nanomaterials And Their Applications" at LVH Arts, Science & Commerce College, Nashik on 18th , 19th & 20th Jan. 2018. ❖ Organized Two Days State Level Seminar on "Emerging Trends and Innovative Practices in Teaching Chemistry" on 10th & 11th Jan. 2018. ❖ Attended One day meeting of Academic Research Coordinator meeting at KTHM College Nashik on 28th September 2017. ❖ Attended one day Workshop on Academic and Administrative Audit at MET Bhujbal Knowledge City, Nashik. ❖ Participated on National Workshop on "IMPORTANCE OF RESEARCH AT COLLEGE LEVEL" on 18th July 2014 at N. B.

	Mehta (Valwada) Science College, Bordi. ❖ Attended One day State Level Workshop on "CHOICE BASED ❖ CREDIT SYSTEM" on 16th January 2013 at C. T. Bora College Shirur, Pune. ❖ Organized e-Seminar on "Application of Computational Quantum Chemistry and Molecular Docking"on 16th April 2022. ❖ Organized online International conference on "Merging continuous flow Chemistry and supported catalyst for the synthesis of bioactive molecules" on 25th September 2021. ❖ Organized A National Workshop on NET/SET/PET/CSIR Preparation on 25th September 2021. ❖ Paper presented in Three Days International e-Conference on " Current Research in Chemistry and Nanosciences" 20th Jan. 2022 organized by Department of Chemistry, MGV's L.V.H. Arts, Science and Commerce College Panchavati, Dist- Nashik, Maharashtra, India. ❖ Paper presented in Two Days international conference on Drug Discovery and material Science organized by IQAC and Department of chemistry of JSS college of Arts, Science and Commerce College Mysore, Karnataka on 15th and 16th September 2021. ❖ Paper presented Virtual International on Multifunctional Advanced Material (VICMAM-2021) organized by Department of Chemistry JVM's Degree college in collaboration with Association of Chemistry Teachers on 9th and 10th August 2021. ❖
Publications	❖ Efficient Synthesis, Spectroscopic and Quantum Chemical Study of 2,3-Dihydrobenzofuran Labelled Two Novel Arylidene Indanones: A Comparative Theoretical Exploration. (**2020**) Material Science Research India (International Journal, Peer Reviewed). ❖ Experimental and Theoretical Studies on the Molecular Structure, FT-IR, NMR, HOMO, LUMO, MESP, and Reactivity Descriptors of (*E*)-1-(2,3-Dihydrobenzo[*b*][1,4]dioxin-6-yl)-3-(3,4,5-trimethoxyphenyl)prop-2-en-1-

	one (**2020**) Material Science Research India (International Journal, Peer Reviewed) ❖ Computational Insights on Molecular Structure, Electronic Properties, and Chemical Reactivity of (E)-3-(4-Chlorophenyl)-1-(2-Hydroxyphenyl)Prop-2-en-1-one. (**2020**) Material Science Research India (International Journal, Peer Reviewed). ❖ Synthesis, Computational, Antibacterial and Antifungal Investigation of Two Tri-Fluorinated Chalcones of 1-(2,3-Dihydrobenzo[b][1,4]dioxin-6-yl)ethan-1-one **(2021)** Taylor & Francis (Polycyclic Aromatic Compounds). ❖ Superfast synthesis, antibacterial and antifungal studies of halo-aryl and heterocyclic tagged 2,3-dihydro-1H-inden-1-one candidates (**2021**) Monatshefte für Chemie - Chemical Monthly (Springer). ❖ Synthesis, antibacterial and computational studies of Halo Chalcone hybrids from 1-(2,3-Dihydrobenzo[b][1,4]dioxin-6-yl)ethan-1-one. **(2021)** Journal of the Indian Chemical Society (Elsevier). ❖ 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 (Elsevier). ❖ Antimicrobial and Computational Investigation of Two 2,3-Dihydro-1H-inden-1-one Derived Fluorinated Chalcone Motifs. **(2021)** Vietnam Journal of Chemistry (Wiley). ❖ Spectroscopic (FTIR and UV), quantum Chemical, antifungal and antioxidant investigations of (E)-7-(4-(trifluoromethyl)benzylidene)-1,2,6,7-tetrahydro-8H-indeno[5,4-b]furan-8-one: A combined experimental and theoretical study. **(2021)** Vietnam Journal of Chemistry (Wiley). ❖ Anti-microbial evaluation, Experimental and Theoretical Insights into Molecular Structure, Electronic Properties, and Chemical Reactivity of (E)-2-((1H-indol-3-yl)methylene)-2,3-dihydro-1H-inden-1-one (**2021**) Journal of Applied Organometallic Chemistry (Sami Publication).

	❖ Physico-Chemical Characteristics of Water from Waghdardi Dam, Manmad (Dist. Nashik) At Different Seasons (**2021**) Pollution Research (EM International). ❖ Synthesis, antibacterial, antifungal and computational study of (E)-4-(3-(2,3-dihydrobenzo[b][1,4]dioxin-6-yl)-3-oxoprop-1-en-1-yl)benzonitrile. **(2022)** Results in Chemistry (Elsevier). ❖ Photocatalytic Applications of Doped Fe3O4 Nanoparticles for Degradation of Methyl Orange and Methylene Blue Dyes: A Review (**2022**) Asian Journal of Organic & Medicinal Chemistry (Asian Publication Corporation). ❖ Synthesis, Molecular Structure, HOMO-LUMO, Spectroscopic (UV-Vis and IR), Thermochemical Study of 5-Acetyl-4-(4-chlorophenyl)-6-methyl-3,4-dihydropyrimidin-2(1H)-one: A DFT Study. (**2022**) Asian Journal of Organic & Medicinal Chemistry (Asian Publication Corporation). ❖ Synthesis and Computational Insights on Molecular Structure, Frontier Molecular Orbital, Molecular electrostatic surface potential of (E)-3-(2,3-dihydrobenzofuran-5-yl)-1-(2- hydroxyphenyl)prop-2-en-1-one. (**2022**) Journal of Scientific Research (Institute of Science, Banaras Hindu University). ❖ Visible light prompted and modified ZnO catalyzed rapid and efficient removal of hazardous crystal violet dye from aqueous solution: A systematic experimental study **(2023)** Results in Chemistry (Elsevier).