

CURRICULUM VITAE

Name: Dr. Dnyaneshwar Irappa Bhusanur

Designation: Academic Coordinator (Assistant Professor Level)

Mobile: +91-8698052565

E-mail: dnyaneshwarbhusanur@gmail.com

Education:



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| Doctor of Philosophy | University: Indian Institute of Chemical Technology (CSIR-IICT), Hyderabad Discipline: Science Year of Passing: 2023 Research Topic: Design, Synthesis, Self-Assembly and Sensing Applications of Functionalized Tetraphenylethylene |
| Master of Science | University: Savitribai Phule Pune University Discipline: Science Year of Passing: 2016 Dissertation Topic: In Vitro Study of Synthesized 3-Quinolinecarbaldehyde through Vilsmeier–Haack Cyclisation of N-arylacetamide and their Hydrazones |
| Bachelor of Science | University: Shivaji University, Kolhapur Discipline: Science Year of Passing: 2014 |

Work Experience:

| Position held | Name of the Organization / Institution | Duration | | | Responsibilities Performed |
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| | | From | To | Years | |
| Academic Coordinator (Assistant Professor Level) | Yashwantrao Chavan Maharashtra Open University | 10/03/2024 | Till Today | | Programme Coordinator: 1. V92: B.Sc. (Phy, Chem, Maths) {2015 Pattern} 2. V100: B.Sc. (Bot, Chem, Zoo) {2023 Pattern} 3. V142: M.Sc. Chemistry {2022 Pattern} |

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Awards and Achievements:

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| 1. | Secured All India Rank of 2406 (AIR 2406) in the Graduate Aptitude Test in Engineering (GATE) conducted by IIT Guwahati in 2018. |
| 2. | Secured All India Rank of 100 (AIR- 100) in the CSIR-UGC NET conducted by the Council of Scientific and Industrial Research (CSIR) in Dec 2017. |
| 3. | Secured All India Rank of 61 (AIR- 61) in the CSIR-UGC NET conducted by the Council of Scientific and Industrial Research (CSIR) in June 2017. |

Workshop & Conferences Attended:

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| 1. | Participated in a One-Day Workshop on “How to Write a Research Proposal to Secure Funding from ICSSR”, organized by Prof. Ram Takwale Research & Development Centre, 1 December 2025. |
| 2. | Participated in a One-Day Workshop on “Right to Information Act 2005”, 28 November 2024. |
| 3. | Participated in a National-Level Workshop on “Research Visibility, Ethical Publishing & Use of AI Tools in Research”, 19 & 20 November 2024. |
| 4. | Participated in a One-Day Workshop on “Place-Based Education in Higher Education” by Prof. Asmund Asmas (University of South Eastern Norway) & Dr. Vaibhav Jadhav (Savitribai Phule Pune University), 10 November 2025. |
| 5. | Participated in a One-Day Workshop on “Use of AI in Day-to-Day Work & Research”, organized by Prof. Ram Takwale Research & Development Centre, 23 August 2025. |
| 6. | Participated in a One-Day Workshop on “Online Course Development” by the School of Digital Education, 30 July 2025. |
| 7. | Participated in a One-Day Workshop on “Reading for Researchers”, organized by Prof. Ram Takwale Research & Development Centre, 4 July 2025. |
| 8. | Participated in a Two-Day Online Workshop on “Data Analysis”, organized by Prof. Ram Takwale Research & Development Centre, 2 & 3 July 2025 |
| 9. | Successfully Completed the NEP2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MMTTP), University Grants Commission (UGC) organized by UGC-Malaviya Mission Teacher Training Centre, National Institute of Educational Planning and Administration, New Delhi from 17 th to 25 th June 2025. |
| 10. | Participated in a Two-Day Online Workshop on “Script Writing & PPT Designing”, organized by Prof. Ram Takawale Research & Development Center, 5 & 6 June 2025. |

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| 11. | Successfully Completed the Training of Trainer on Curriculum Pedagogy and Assessment held from 19 th to 3 rd May 2025 Organised by Maharashtra State Faculty Development Academy Pune, Maharashtra, India. |
| 12. | Participated in National Level Workshop on “Research Paper Writing” On 26 th & 27 th November 2024, Organised by Yashwantrao Chavan Maharashtra Open University, Nashik, Maharashtra, India. |
| 13. | Participated in the Faculty Development Programme (FDP) on “Design, Develop & Deliver Online/Blended Learning Courses” held from 29 th April to 5 th May 2024, Yashwantrao Chavan Maharashtra Open University, Nashik, Maharashtra, India. |
| 14. | Delivered a talk entitled “Design, synthesis, crystallization and self-assembly of isoindigo tetraphenylethylene conjugate” in the two-day national symposium on “Emerging Materials: Chemistry and Challenges” 2022, at Rajarshi Shahu Mahavidyalaya, Latur, Maharashtra, India. |
| 15. | Participated in the two-day national symposium on “Symposium on Polymers and Advanced Material for Coatings and Energy (SPACE-22)” 2022, organized by Centre of Excellence on Polymers Coatings, held at CSIR-Indian Institute of Chemical Technology, Hyderabad, India. |
| 16. | Participated in the two-day national symposium on “2 nd Indo-Korea Virtual Conference on Development of Advanced Material for Future Technologies, 2021” Organized by KAIST, Daejeon, South Korea and Vellore Institute of Technology, Chennai, India. |
| 17. | Participated in the International Conference on “Herbal and Synthetic Drug Studies- HSDS-2016” Organized by Abeda Inamdar Senior College of Arts, Science and Commerce (Autonomous), Pune, Maharashtra, India. |

Publications:

| Sr. No. | Title of the Research Paper | Name of the Journal / Publisher | Year of Publication |
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| 1. | Synthesis, crystal structure and supramolecular self-assembly of tetraphenylethylene subunit appended isoindigo derivatives | Journal of Molecular Structure | 2022 |
| 2. | Novel merocyanine-derived receptor: Synthesis, crystal structure and picric acid recognition, spectroscopic and theoretical study | Journal of Molecular Structure | 2023 |
| 3. | Thiophene functionalized naphthalene diimide for the sensitive detection of nitroaromatics | Indian Journal of Chemistry (IJC) | 2023 |
| 4. | Synthesis and evaluation of phosphonato-triphenylamine fluorophore as a highly sensitive chemosensor for nitroaromatics | Journal of Photochemistry and Photobiology A: Chemistry | 2023 |

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| 5. | Aminobenzothiazole fused tetraphenylethene AIEgen: Ag ⁺ , Hg ²⁺ and Fe ³⁺ sensing applications in aqueous medium. | Journal of Photochemistry and Photobiology A: Chemistry | 2024 |
| 6. | Synthesis, Photophysical Properties and Self-Assembly of a Tetraphenylethylene-Naphthalene Diimide Donor-Acceptor Molecule. | Chemistry–An Asian Journal | 2024 |
| 7. | Synthesis of octa-benzothiazole functionalized tetraphenylethylene and their explosive sensing properties. | Journal of Photochemistry and Photobiology A: Chemistry | 2024 |
| 8. | Pyrimido Fused Benzothiazole-Tetraphenylethene Chromophore: Design, Synthesis, Mechanochromic, AIE Characteristics and Selective Detection of Fe ³⁺ ions. | Indian Journal of Chemistry (IJC) | 2024 |
| 9. | Aggregation induced emission based on benzo[4,5] thiazolo[3,2-a]pyrimidine-3-carbonitrile fused tetraphenylethylene for visualization of latent fingerprints and anticounterfeiting applications | Journal of Molecular Structure | 2025 |
| Book Chapter | | | |
| 1. | Design and construction of amphiphilic and bolaamphiphilic material based self-assembled micellar nanostructures. | Academic Press | 2022 |

Official Address:

School of Sciences,
Yashwantrao Chavan Maharashtra Open University,
Nashik – 422 222. Maharashtra, India



(Dr. Dnyaneshwar I. Bhusanur)