CURRICULUM VITAE

Discipline: Science Year of Passing: 2023

Tetraphenylethylene

Discipline: Science Year of Passing: 2016

Discipline: Science Year of Passing: 2014

Quinolinecarbaldehyde

Sensing

Name: Dr. Dnyaneshwar Irappa Bhusanur

Designation: Academic Coordinator (Assistant Professor Level)

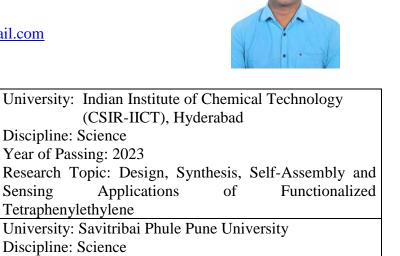
Mobile: +91-8698052565

Doctor of Philosophy

Master of Science

E-mail: dnyaneshwarbhusanur@gmail.com

Education:



Vilsmeier-Haack

Dissertation Topic: In Vitro Study of Synthesized 3-

Cyclisation of N-arylacetamide and their Hydrazones

University: Shivaji University, Kolhapur

through

Work Experience:

Bachelor of Science

Position held	Name of the Organization /	Duration			Responsibilities Performed
	Institution	From	То	Years	·

Academic	Yashwantrao	10/03/2024	Till Today	Programme
Coordinator	Chavan			Coordinator:
(Assistant Professor	Maharashtra Open			
Level)	University			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}
				4. V154: M.Sc. Chemistry {2023 Pattern}
				• Currently working for the UGV02: B.Sc. (Honours) (Chemistry) {2025 Pattern} curriculum development and Coordination of SLM as per NEP-2020.

Awards and Achievements:

- 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.

Conferences Attended:

- 1. 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 17th to 25th June 2025.
- 2. Successfully Completed the Training of Trainer on Curriculum Pedagogy and Assessment held from 19th to 3rd May 2025 Organised by Maharashtra State Faculty Development Academy Pune, Maharashtra, India.
- 3. Participated in National Level Workshop on "Research Paper Writing" On 26th & 27th November 2024, Organised by Yashwantrao Chavan Maharashtra Open University, Nashik, Maharashtra, India.
- 4. Participated in the Faculty Development Programme (FDP) on "Design, Develop & Deliver

	Online/Blended Learning Courses" held from 29th April to 5th May 2024, Yashwantrao Chavan
	Maharashtra Open University, Nashik, Maharashtra, India.
5.	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.
6.	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.
7.	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.
8.	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
1.	, ,	Journal of Molecular Structure	2022
	supramolecular self-assembly of		
	tetraphenylethylene subunit appended isoindigo derivatives		
2.	Novel merocyanine-derived receptor: Synthesis, crystal structure and picric acid recognition, spectroscopic and theoretical		2023
	study		
3.	Thiophene functionalized naphthalene diimide for the sensitive detection of nitroaromatics	_	2023
4.	Synthesis and evaluation of phosphonato- triphenylamine fluorophore as a highly sensitive chemosensor for nitroaromatics	•	2023
5.	Aminobenzothiazole fused tetraphenylethene AIEgen: Ag ⁺ , Hg ²⁺ and Fe ³⁺ sensing applications in aqueous medium.		2024
6.	Synthesis, Photophysical Properties and Self-Assembly of a Tetraphenylethylene-Naphthalene Diimide Donor-Acceptor Molecule.	·	2024
7.	Synthesis of octa-benzothiazole	Journal of Photochemistry and	2024

	functionalized tetraphenylethylene and their	Photobiology A: Chemistry	
	explosive sensing properties.		
8.	Pyrimido Fused Benzothiazole-Tetraphe	Indian Journal of Chemistry	2024
	ylethene Chromophore: Design, Synthesis,	(IJC)	
	Mechanochromic, AIE Characteristics and		
	Selective Detection of Fe ³⁺ ions.		
9.	Aggregation induced emission based on	Journal of Molecular Structure	2025
	benzo[4,5] thiazolo[3,2-a]pyrimidine-3-		
	carbonitrile fused tetraphenylethylene for		
	visualization of latent fingerprints and		
	anticounterfeiting applications		
Book	c Chapter		
1.	Design and construction of amphiphilic and	Academic Press	2022
	bolaamphiphilic material based self-		
	assembled micellar nanostructures.		

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(Dr. Dnyaneshwar I. Bhusanur)