

EDUCATION	
• National Institute of Technology Tiruchirappalli <i>Doctor of Philosophy - Chemistry; GPA: 9.75/10</i>	Tiruchirappalli, India <i>July 2020 - Present</i>
• Central University of Tamil Nadu <i>Master of Science - Chemistry; GPA: 8.9/10</i>	Thiruvavarur, India <i>July 2017 - June 2019</i>
• University of Calicut <i>Bachelor of Science - Chemistry; GPA: 8.4/10</i>	Malappuram, India <i>July 2014 - April 2017</i>
RESEARCH EXPERIENCE	
• Visiting Student - National Yang Ming Chiao Tung University	(Dec 2023 - Present)
• Prime Minister’s Research Fellow - National Institute of Technology Tiruchirappalli	(Aug 2021 - Present)
• Junior Research Fellow - National Institute of Technology Tiruchirappalli	(Aug 2020 - Aug 2021)
• Summer Research Intern - Indian Institute of Technology Madras	(May 2018 - Jul 2018)
PROFESSIONAL MEMBERSHIPS	
• American Chemical Society (ACS) - Student Member	Membership ID : 33039177
• Chemical Research Society of India (CRSI) - Life Member	Membership ID : LM3407
PUBLICATIONS (GOOGLE SCHOLAR: TOTAL CITATIONS - 106, H-INDEX - 5, I10-INDEX - 3)	
• Exploring fluorescent and colorimetric probes for analyte detection: Utilizing it in live cell imaging and real-time sample analysis: Abhijna Krishna. R & Velmathi. S. Inorganica Chimica Acta (2024); DOI: 10.1016/j.ica.2024.122039	
• Advances in the Biological Studies of Metal - Terpyridine Complexes: An Overview from 2012-2022: Abhijna Krishna. R , Magesh. K, Ayushi Agarwal, & Velmathi. S. Coordination Chemistry Reviews (2023); DOI: 10.1016/j.ccr.2023.215380	
• ESIPT-PET Based Triphenylamine-Anthraquinone Probe for the Detection of Phosgene: DFT Studies, Real-Time Application in Soil Samples and Test Strips [Selected in Hot Article Collection of Analyst 2023]: Abhijna Krishna. R & Velmathi. S. RSC - Analyst (2023); DOI: 10.1039/D3AN00239J	
• A Pyrene – N – Phenylparaphenylene Diamine-Based Imine Conjugate as a Photoelectron Transfer Chemodosimeter for the Detection of Trace Amounts of Water in Organic Solvents: Real-Time Application in Honey Samples: Abhijna Krishna. R , Vijay. N & Velmathi. S. RSC - New Journal of Chemistry (2022); DOI: 10.1039/D2NJ03605C	
• A Review on Fluorimetric and Colorimetric Detection of Metal Ions by Chemodosimetric Approach 2013-2021: Abhijna Krishna. R , & Velmathi. S. Coordination Chemistry Reviews (2022); DOI: 10.1016/j.ccr.2021.214401	
• Microwave-Assisted Synthesis and DNA-Binding Studies of Half-Sandwich Ruthenium(II) Arene Complexes Containing Phenanthroimidazole-Triarylamine Hybrids: Abhijna Krishna. R , Dheepika R, Muralisankar. M, & Nagarajan. S Journal of Coordination Chemistry (2021); DOI: 10.1080/00958972.2021.1885650	
• High Performance P - Channel and Ambipolar OFETs based on Imidazo [4,5-f]-1,10-Phenanthroline-Triarylamines: Dheepika. R, Abhijna Krishna. R , Imran. P. M & Nagarajan. S RSC - Advances (2020); DOI: 10.1039/D0RA00210K	
• Fluorescence Quenching of Triarylamine Functionalized Phenanthroline - Based Probe for Detection of Picric Acid: Parvathy. P. A, Dheepika. R, Abhijna Krishna. R , Imran. P. M & Nagarajan. S Journal of Photochemistry and Photobiology A: Chemistry (2020); DOI: 10.1016/j.jphotochem.2020.112780	
HONORS AND AWARDS	
• Taiwan Experience Education Program (TEEP) <i>Awarded by Taiwan Ministry of Education for 6 Months Internship</i>	Taipei, Taiwan <i>2024</i>
• Budding Researcher Award <i>Given to the Best Performing PhD Scholars for the Academic Year 2022-23</i>	Tiruchirappalli, India <i>2023</i>
• Best Oral Presentation Award <i>The 4th Asian Conference on Chemosensors and Imaging Probes - Yonsei University</i>	Seoul, South Korea <i>2023</i>
• Runner Up in Poster Presentation <i>International Conference on Nanobiosensors, University of Madras</i>	Chennai, India <i>2022</i>
• Junior Research Fellowship (JRF) <i>Chemical Sciences - All India Rank 95</i>	CSIR <i>2020</i>
• Graduate Aptitude Test in Engineering (GATE) <i>Chemical Sciences</i>	IIT Delhi <i>2020</i>
• India International Science Festival Essay Competition <i>1st Prize in Essay Competition Conducted by IISF in Research Scientists</i>	CSIR <i>2020</i>
CONFERENCES & WORKSHOPS ATTENDED	
• The 4th Asian Conference on Chemosensors and Imaging Probes (2023) - Yonsei University, Seoul - South Korea	
• International conference on Nanobiosensors (2022) - University of Madras, Chennai, India	
• CRSI National Science Symposium - Poster Presentation (2022) - IISER Mohal	
• International Virtual Conference on Futuristic Aspects of Sensors and Biosensors (2022) - Holy Cross College, Trichy	
• National Virtual Conference on Organic Chemistry (2021) - Department of Chemistry, NIT - Trichy	
• Recent Advances in Chemical Sciences (2021) - Department of Chemistry, B.S. Abdur Rahman Crescent Institute of Science and Technology	
REFERENCES	