

PROFILE

Name	Dr. PRIYANKA M
Position & Affiliation	Assistant Professor, Department of CSE
Areas of Interest	
Email	priyanka.phy@cambridgeedu.in
LinkedIn ID	(21) Priyanka M LinkedIn
Google Scholar ID	Priyanka M - Google Scholar
Orchid ID	0009-0008-0499-3405
Vidwan ID	587191
Scopus ID	
Professional Webpage (if any)	

Educational Qualifications:

Ph.D	Presidency University	India	2024
MSc	Shivangothri University Davangere	India	2017
BSc	Shivangothri University Davangere	India	2015

Areas of Research:

Nanomaterials, Gas sensing, Photoluminescence, and Supercapacitors

Brief Profile: (write about yourself)

Dr. Priyanka M is a dedicated researcher and educator with a PhD from Presidency University. With 5 years of teaching experience, including roles at a government degree college in Hoskote and Presidency University, her expertise lies in nanomaterials for gas sensing, photoluminescence, and supercapacitors. She has honed her skills with hands-on training in material fabrication at IISc Bangalore and IIT Mumbai. A "C" certificate NCC holder, she has also undergone national leadership training in Kanpur. Dr. Priyanka is currently serving as an Assistant Professor at the Cambridge Institute of Technology, Bangalore, since May 2024.

Add about setting up labs and consultancy (if any)

Guiding students at various levels (BE, MTech and PhD)

Awards/Achievements/Others:

Courses Taught:

Publications/Patents:

Publications	<ol style="list-style-type: none">1. Priyanka, M., et al. "Synthesis and characterization of Y and Mn-doped ZnO nanoparticles: Structural, optical, morphological, and gas sensing investigations." <i>Physica B: Condensed Matter</i> 687 (2024): 416109.2. Priyanka, M., et al. "Synthesis of yttrium doped zinc oxide nanorods for display, forensic and supercapacitor applications." <i>Inorganic Chemistry Communications</i> 158 (2023): 111555.3. Priyanka, M., et al. "Comparison of blue luminescence and supercapacitance properties of zinc chromite nanoparticles synthesized via chemical and green mediated approach." <i>Materials Science and Engineering: B</i> 301 (2024): 117190.4. UmashankaraRaja, R., Y. S. Vidya, H. C. Manjunatha, M. Priyanka, R. Munirathnam, K. M. Rajashekara, S. Manjunatha, and E. Krishnakanth. "Effect of nickel doping on magnetic and dielectric properties of orthorhombic calcium ferrite nanoparticles." <i>Green Energy and Resources</i> 2, no. 1 (2024): 100059.5. Priyanka, M., et al. "Efficient anticancer properties of cerium doped zinc chromite nanoparticles over cisplatin for breast cancer cells." <i>Applied Physics A</i> 130.7 (2024): 485.6. Raja, R. Umashankara, H. C. Manjunatha, Y. S. Vidya, R. Munirathnam, K. M. Rajashekara, S. Manjunatha, M. Priyanka, and E. Krishnakanth. "The structural, magnetic and electrical properties of zinc-doped orthorhombic calcium ferrite nanoparticles: Memory device and high-frequency applications." <i>International Journal of Modern Physics B</i> (2024): 2550041.
Patents	<p style="text-align: center;">Kindly add the details about the patents granted and published</p>
Book/Book Chapters	

conference attended:

- Workshop on Energy store Devices VELAMMAL
INSTITUTION OF TECHNOLOGY CHENNAI. (1ST Oct 2022)
- Hands On Training on Nanofabrication Advance in
characterization Techniques(cens) IISc Bengaluru (09 to19 Oct 2023)

- Workshop on Synthesis and Characterization of nano Materials for Photovoltaic Applications. REVA UNIVERSITY Bengaluru (8 & 9 Dec 2022)
- Webinar on Scientific Writing Organized by ACS Publication (12 Mar 2023)
- National Conference on Current and Futuristic Trends in Nano science and Technology 2023. Presented Research Paper in Oral Presentation. PRESIDENCY UNIVERSITY Bengaluru (12th to 13th April 2023)
- One day national level webinar (virtual) on “ZnO Nanomaterials for Chemi resistive Gas Sensors” organized by the Department of Physics, SoE, Presidency University, Bengaluru.
- VGST sponsored “A Four Day FDP on Nano Composites for Naval Engineering” from 6th to 9th November 2023
- Workshop on Research Methodology and Data Analysis 25-27 July 2024 in Presidency University Bangalore
- “RESEARCH FUNDING AGENCIES & PREPARATION OF RESEARCH PROPOSALS” held on 14th August 2023.
- HAS ATTENDED ONE DAY'S HANDS ON ONLINE TRAINING WORKSHOP ON (10th August-2023) ON NANOMATERIAL & NANODEVICE MODELING SIMULATION USING RESCU SOFTWARE FROM NANOACADEMIC TECHNOLOGIES.
- INUP- i2i Familiarization Workshop on Nanofabrication Technologies, held at IIT Bombay during January 22-25, 2024.

2nd Global Conference (Virtual Mode) on EMERGING TRENDS IN RESEARCH & DEVELOPMENT
ETRD – 2023 June 17 – 18, 2023

