

GMU - Faculty & Staff Profile Templet



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Eva Meghana

Assistant Professor, Department of Physics

Faculty

Faculty of Basic and Applied Sciences

School / Program

School of Mathematical and Physical Sciences

Faculty Introduction (Five to Six Lines)

I, Eva Meghana, am a dedicated and passionate physics educator with 7 years of teaching experience. I hold an (link unavailable) in Physics and am currently pursuing my PhD in Physics, specializing in Semiconductor Physics and Photonics. With a strong commitment to teaching, I strive to inspire and motivate students to explore the wonders of physics. My research interests also extend to education, focusing on how learning happens. I have also pursued my M.Ed, further enriching my understanding of educational processes.

Qualifications

(Ph.D.,) (semiconductor physics)

KLE Technological University, Hubli

M. Ed. (Education)

Karnataka university, Dharwad 2019

M.Sc (Physics)

Manipal Academy of Higher Education, 2016

Experience

Teaching

- 7 years

Research

- Synthesis and Characterization of semiconductor nanoparticles.

Research Interest

- Semiconductor Physics

- Photonics

Awards & Achievements

- Structure and Tautomerism in Allopurinol and mercaptopurine in ASPC-2016 and won second place in the poster Competition

Workshops / FDPs / Seminars Attended

- Development of thermoelectric wearable devices to Department of Science and Technology Government of India from IITDM Chennai and has given the presentation for the same at BHU Varanasi
- Structure and Tautomerism in Allopurinol and mercaptopurine in ASPC-2016 and won second place in the poster Competition
- Earth simulator and Scalars and Vectors in fifth semester of Bachelor degree
- Inorganic Polymers in sixth semester of bachelor degree

Professional Membership

Administrative Responsibilities

- Internal assessment committee coordinator
- Girls Hostel Warden, Magazine committee member

Projects Guided

- UG Projects

“A review on Synthesis and Characterization of some semiconductor Nanoparticles”

Funded Projects / Grants Received

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Any Other Contributions