

Faculty Profile



Name: Ms. M Bindu Madhavi

Designation: Faculty Associate

Teaching Areas: Solid State physics, Optics, Electromagnetic Theory, Quantum mechanics, Electronic devices and circuits, Digital Electronics, Thermodynamics, Mechanics, Matlab, Mathematica, Latex

Research Interests: Condensed Matter Physics(Theory), Computational Condensed matter physics, Computational Photonics, Nanoscience, and Nanotechnology

Education:

- 2004 M.Phil (Physics), Hyderabad Central University, Hyderabad
- 2001 M.Sc (Physics), Hyderabad Central University, Hyderabad
- 1999 B.Sc (Maths, Physics, Electronics), Osmania University

Research / Selected Publications:

1. **M Bindu Madhavi** “Ab initio calculation of vibrational frequencies of $\text{Ge}_{0.25}\text{S}_{0.75-y}\text{I}_y$ glass”, *Journal of Non-Crystalline Solids*, Vol-351, Issues 6-7, 15 March 2005, Pages 489-494