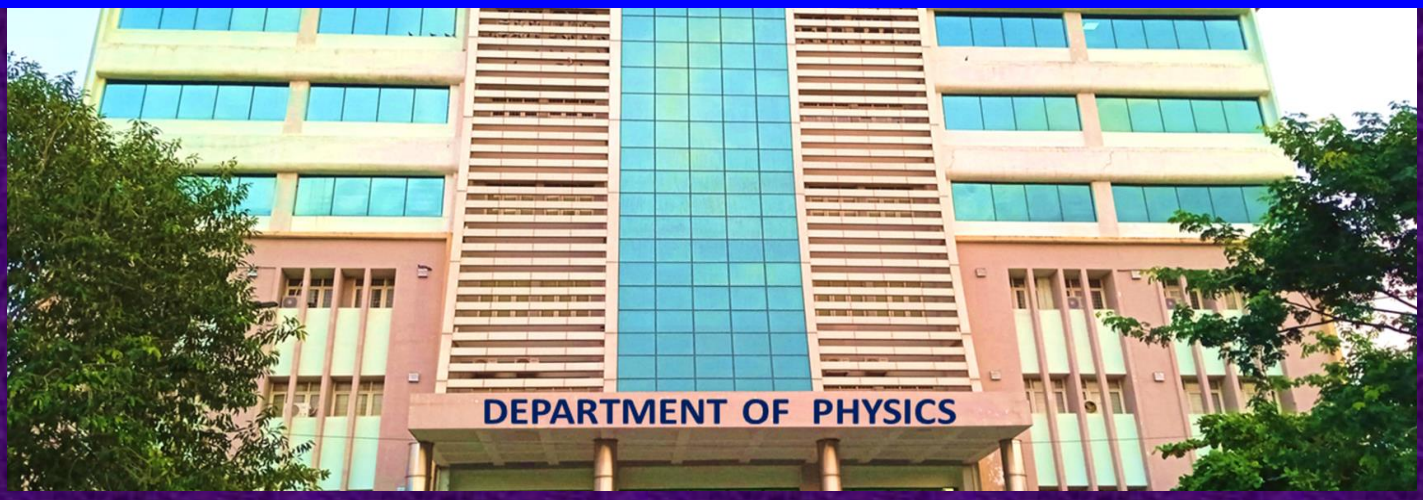
Department of Physics
National Institute of Technology Warangal



	Broad Areas of Research
1	Materials Science
2	Energy Conversion and Storage
3	Theoretical Physics
4	Device Physics
5	Photonics
6	Electronics
7	Computational Physics
8	Nanoscience
9	Biophysics and Interdisciplinary Physics

Why PhD@ Physics at NITW

1. State-of-the-art research facilities and laboratories equipped with modern technology and tools essential for cutting-edge research in Physics.
2. Funding support from the Institute
3. Graduating with a PhD from NITW opens up numerous career avenues in academia, research institutions, and industry. The institute's strong alumni network and placement cell further assist in securing positions at reputable organizations.
4.
5. NIT Warangal has a vibrant academic and social community. PhD students can expect a supportive environment, including mentorship from faculty, collaboration with peers, and various extracurricular activities to engage in outside of research.

Specific Areas

Multiferroics, Thin Films, Irradiation Effects on Materials, Hybrid Materials, Glass and Glass Ceramics, Polymer Composites, Luminescent Materials, Liquid Crystals, Green Synthesis
Renewable Energy, Energy Harvesting, Supercapacitors, Batteries, Recycling Waste
Condensed Matter Physics, Statistical Mechanics
Self-powered Sensors and Devices, Solar Cells, Fuel Cells, Organic Electronic Devices, Resistive Switching and Memristor, Piezo and Triboelectric Nanogenerators
Fibre Optic Sensing, Optical Design, Optical Elements Productions Testing, Light-matter Interaction, Nano-optics
Optoelectronic Materials and Devices, Sensors, and Transducers
Soft Matter, Biophysics, Machine Learning, DFT, Quantum Computing
Low Dimensional Systems, Quantum Dots, Nanomaterials
Drug Delivery, Bioimaging, Tissue Engineering, Biomaterials

Advertisement link (Scan):

Deadline: April 3, 2024

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