

Opening for Ph.D. in Physics

Department of Physics, SRM University – AP, Andhra Pradesh

About:

Physics is the most fundamental science that deals with the properties and interactions of matter and radiation. The mission of the Physics department is to teach and learn physics through interactive, collaborative, performance, and project – based pathway.



Prof. Ranjit Thapa
Professor and Head
Ph.D.: Jadavpur University, India
Research Area: DFT, catalysts,
Descriptor, ML



Dr. Sabyasachi Mukhopadhyay
Assistant Professor
Ph.D.: JNCASR, India
Research Area: Photovoltaics,
Molecular Electronics, Physics Education



Dr. Goutam K Dalapati
Associate Professor
Ph.D.: Jadavpur University, India
Research Area: Renewable Energy
and Smart Coating, Nanotechnology



Dr. Pranab Mandal
Assistant Professor
Ph.D.: JNCASR, India
Research Area: Piezoceramics,
Multiferroics, Oxide ion Conductors



Dr. Jatis Kumar Dash
Assistant Professor
Ph.D.: Institute of Physics (IOP),
Bhubaneswar, India
Research Area: Fabrication of 2D
Materials and its Flexible Devices,
2D topological Insulators, Tunneling FETs



Dr. Gangi Reddy Salla
Assistant Professor
Ph.D.: Physical Research Laboratory,
Ahmedabad, India
Research Area: Singular Optics,
Polarization Optics, and Quantum Optics



Dr. Laxmi Narayana Patro
Assistant Professor
Ph.D.: IIT Madras, India
Research Area: Solid State Ionics,
Solid Electrolytes, All Solid State
Batteries



Dr. Soumyajyoti Biswas
Assistant Professor
Ph.D.: Saha Institute of Nuclear
Physics, Kolkata, India
Research Area: Statistical Physics,
Complex Systems, Machine Learning



Dr. Siddhartha Ghosh
Assistant Professor
Ph.D.: University of Florida, USA
Research Area: Surface and Interface,
Magnetic Nanostructure.



Dr. Mallikarjuna Rao Motapothula
Assistant Professor
Ph.D.: National University of
Singapore, Singapore
Research Area: Science of Ions,
Molecules and Electrons



Dr. Amit Chakraborty
Assistant Professor
Ph.D.: Indian Association for the
Cultivation of Science, India
Research Area: Theoretical High
Energy Physics, Particle Physics,
Machine Learning

Ph.D. positions:

- The university fellowship is Rs. 20,000/- for Ph. D. scholars.
- Students staying on Campus will be provided free twin-sharing, non - AC accommodation and free meal from the mess.
- No semester fees for Ph.D. Courses
- Day Scholar will be provided free transportation and free meal from mess.
- All Ph. D. students need to work for 6 hours per week as Teaching Assistants.

For application, please register here: <https://applications.srmap.edu.in/phd>

Presently Ph.D. position is opening for following research areas:

1. Understanding the fundamentals and searching of catalyst for CO₂ reduction to C₂ species using density functional theory and machine learning approach – Theory
2. Materials for solid state batteries and chemical sensors – Experiment
3. Beyond Standard Model Physics, Higgs Physics, Jets and Jet Substructure at the LHC, Dark Matter Phenomenology, Machine Learning in Particle Physics – Theory

Postdoctoral positions:

Interested candidates can contact the individual faculty members. The university fellowship for this position can be up to 55,000 (consolidated). The initial appointment is for one year with one year extension based on the performance of the candidate.



Contact Address:

Head of the Department

Department of Physics

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Website: <https://srmap.edu.in/seas/physics-department/>