



DEPARTMENT OF
PHYSICS

M.Sc. (Physics) SPPU Admission-2025

Department of Physics (Established in 1950)
Savitribai Phule Pune University,
Ganeshkhind, Pune 411 007,
Maharashtra, India.



Master's degree programme in Physics (As per NEP-2020)
2 Years (04 Semesters), (Academic Flexibility)

For More Details
Scan the QR
Code



Salient features of Master of Science (M. Sc.) Program at SPPU

- ❑ **Teaching Methodology:** Classroom Chalk-Board Teaching, Smart Board Teaching, PPTX, ICT, e-learning.
- ❑ **Tutorials :** Problem solving sessions for batches of 25 students (beneficial for NET/SET/GATE exams)
- ❑ **Laboratories:** Individual rigorous Viva, Basic Physics experiments, specially designed experiments; Computer programming and numerical analysis.
- ❑ **Research Projects:** in the department or near by national research institutes
- ❑ **Remedial courses:** Mathematics, quantum mechanics, electrodynamics, Seminars
- ❑ **Swadhyaya :** facility with text books and few reference books for peer-to-peer learning.
- ❑ **Prof. Bhide Library :** In-house dedicated library for faculty and students.
- ❑ Internet facilities, wi-fi, computer, library – books; Feed back at end of each semester,
- ❑ Opportunities to learn in the enriching environment with nationally selected students through JEST/INAT exams for M.Sc.(Physics with Astrophysics) SPPU-IUCAA programme and NCRA .
- ❑ Astronomy and Astrophysics specialization course is run in collaboration with IUCAA, Pune.
- ❑ **Raman Memorial Conference:** Organized by the research student for the research/M.Sc. student.
- ❑ **Departmental Scholarship Programme:** Few scholarships on the yearly basis through selection process are awarded to the deserving students through department endowment funds.
- ❑ The departmental teaching methodology makes students stand out at national and international competition levels.

M.Sc. Specializations = Experimental + Theoretical + Computational+ Astronomy and Astrophysics

Advanced Quantum Mechanics; Astronomy And Astrophysics; Condensed Matter Physics; Energy Studies; General Relativity And Black Holes; Materials Science; Nanotechnology; Nuclear Techniques; Quantum Information And Quantum Computation ; Soft Condensed Matter; Plasma Physics And Technology; Physics Of Semiconductor Devices; Thin Film Physics And Device Technology; Biophysics, Etc.

Placement of M.Sc. Physics Students of SPPU

- Every year on an average 10 students qualify state level/national-level examinations like SET, CSIR-NET, JEST, GATE, etc; ~ 5 students get selected abroad for MS or Ph. D. per year; ~20 students qualify for Ph. D. degrees in national institutes/ Universities; 10-15 students selected as faculty in academics; Few students choose entrepreneurship.
- Career opportunities: Academic (Universities/colleges), Research Institutes (TIFR, IUCAA, NCRA, IISER, IIT, IISc, NCL, NMRL, HEMRL, NPL, DRDO, ISRO, IITM, RR-CAT, UGC-DAE-CSR, BARC etc.) Radiation Physicist, Industry (coating, Vacuum etc.); IT-Sector (Modelling and Simulation)

Entrance Examination : March-2025

<https://campus.unipune.ac.in/CCEP/CampusAdmission/index.html>

No. of Seats : 90

Contact : E-mail: admin.physics@unipune.ac.in , hodphysics@unipune.ac.in

Phone :020-25622802