



M.Sc. (Physics) SPPU Admission~2024 Now Open



Department of Physics

(Established in 1950)

Savitribai Phule Pune University,

Ganeshkhind, Pune 411 007, Maharashtra, India.



Recognized by

University Grants Commission (UGC)
Department of Science and Technology (DST)
FIST (Fund for Improvement of Science and Technology)
PURSE (Promotion of University Research and Scientific Excellence)



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



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.

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



- Teaching Methodology: Classroom Chalk-Board Teaching, Smart Board Teaching, PPTX, ICT, e-learning, Online.
- Tutorials : Problem solving sessions for batches of 25 students (Helps for NET/SET/GATE exams)
- Laboratories: Basic Physics experiments, design of experiments ; Computer programming and numerical analysis ; Experiments carried out in research laboratories , Research projects
- Project work : in-house or in research institutes – internal guide
- 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,
- Nationally selected students through JEST/INAT exams from NCRA and M.Sc.(Physics with Astrophysics) SPPU courses also study their M.Sc. FIRST year with M.Sc. (Physics) SPPU students. **Performance is reported to be better in interviews for M.Sc. Physics SPPU students.**
- Raman Memorial Conference : Organized by the research student for the research/M.Sc. student
- Departmental Scholarship Programme : A few scholarships, each with limited amount, are available on the yearly basis and through selection process awarded to the deserving students.



Placement of M.Sc. Physics Students of SPPU

- On average 10-12 students every year qualify state level/national-level examinations like SET, CSIR-NET, JEST, GATE, etc; 5 students 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, IITS, NCL, NMRL, HEMRL, NPL, DRDO, ISRO, IISC, RR-CAT, UGC-DAE-CSR, BARC etc.) Radiation Physicist (Hospitals), Industry (coating, Vacuum etc.); IT-Sector (Modelling and Simulation)

Click below link for more information

No. of Seats : 90

Entrance Examination : JUNE-2024

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

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