



DEPARTMENT OF PHYSICS PANJAB UNIVERSITY, CHANDIGARH

Excellence in Teaching, Research & Innovation Since 1947



NIRF RANKING 2025
35th Rank
among the Indian universities



NAAC GRADING
CGPA of 3.68 on a four-point scale
at **A++ Grade**

| COURSE | SEATS | ELIGIBILITY | DURATION | ADMISSION CRITERIA |
|---|--------------------------------|--|----------------|--|
| B.Sc. (Physics) under the framework of Honours School System according to NEP 2020 | 40+6 NRI+2 Foreign National | 10+2 examination (Non-Medical/Medical) with 50% marks. | 4 YEARS | Based on merit Academics 25% + PU-CET(UG) 75% |
| B.Sc. Physics (Specialization in Electronics) under the framework of Honours School System according to NEP 2020 [Self-financing course]* | 20+3 NRI+1 Foreign national | | | |
| M.Sc. (Physics) under the framework of Honours School System | 40+6 NRI+2 Foreign National | B.Sc. (Pass-course) or B.Sc. (Honours) Physics examination of Panjab University with Physics and Mathematics as elective subjects with 50% marks, or any other university examination recognized as equivalent there to. | 2 YEARS | Based on merit academics 40% + PU-CET(PG) 60% |
| M.Sc. Physics (Specialization in Electronics) under the framework of Honours School System [Self-financing course]* | 20+3 NRI+1 Foreign national | Same Criteria as above Course + B.Sc. (Honours) Electronics, or B.Tech./B.E. (Electronics/Electrical/ (Mechanical or equivalent) with 50% marks | | |



| COURSE | SEATS | ELIGIBILITY | DURATION | ADMISSION CRITERIA / HOW TO APPLY |
|---|---------------------------------|--|-----------------|--|
| PhD | Subject to availability | See M.Phil/Ph.D. Prospectus 2025 | 3-6 years | NET/GATE/PhD Entrance Test Qualified candidates shall submit application to the Department Merit based on the qualifying degree Directly Apply to Department of Physics / portal as per the admission dates announced by the university. |
| Post Graduate Diploma in Advance Scientific Computing (PGDASC) [Self-financing course]* | 20+2 NRI+ 5 Foreign National | B.Tech., M.Sc. Sciences, B.Sc. (4 years) - Sciences, MCA | ONE YEAR | |
| Post-Graduate Diploma in Optoelectronic Device Fabrication | 20+2 NRI+ 5 Foreign National | M.Sc. Physics/ Four-Year B.Sc. in Physics / B.Tech. | | |
| Post-Graduate Diploma in Accelerator & Detector Physics | 20+2 NRI+ 5 Foreign National | M.Sc. Physics/ Four-Year B.Sc. in Physics / B.Tech. | | |

*The course fee of "Self-financing courses" is higher. Please carefully read the handbook of information for more details
<https://admissions.puchd.ac.in/handbookofinformation.php> and admission guidelines
<https://cc.puchd.ac.in/includes/noticeboard/2026/2026UG31251529-admissionguidelines-2026-27.pdf?2026>

i The candidates applying for admission in the M.Sc. courses have to fill the online application form for admission in the Physics Department apart from the CET(PG) online form.

Reservations in seats as per Panjab University Rules

ABOUT THE DEPARTMENT

Department has thrust areas such as Nuclear Physics, Particle Physics, Condensed Matter Physics, Astrophysics, Molecular Spectroscopy, Photonics and Physics Education. Students will have opportunity to work under various projects in the cutting-edge technologies and international collaborations. We have infrastructure to develop computational skills of the students using C++, Scilab and Fortran along with Physics laboratories equipped with state of art experiments.

Students pursue career in teaching and research after qualifying CSIR/UGC NET. The PG Diploma courses offer smooth integration with the industry. The skill-set and the tools are taught in the One Year - Two Semester PG Diploma course to bridge the gap in the basic sciences and the industry requirements. E.g. Data Science, Device development for the Semiconductor and IC industry, Solar Cells, Small accelerator developments, detector development for various applications in allied areas and industries. Industry experts will be interacting with students for real hands-on experience in-house and via internships.

The Physics Department has an association of its alumni and hold annual meeting in the month of December. It plays a platform to its alumni to share their experiences and also act as motivator for the students.



RESEARCH EXCELLENCE



STATE-OF-THE-ART LABS



TECHONOLOGY



COMPUTATIONAL SKILLS



ACCELERATORS & DETECTORS



INDUSTRY INTERACTION & INTERNSHIPS

For More Information Please Visit: <https://physics.puchd.ac.in/>

