



DEPARTMENT OF PHYSICS, PANJAB UNIVERSITY, CHANDIGARH  
COURSES OFFERED (SEMESTER SYSTEM)  
Academic Session 2025 - 2026



COURSE	SEATS**	DURATION	ELIGIBILITY***	ADMISSION CRITERIA
B.Sc. (Physics) under the framework of Honours School System according to NEP 2020	40+6 NRI+2 Foreign National	4 years	10+2 examination (Non-Medical/Medical) with 50% marks from recognized Board/CBSE	Based on PU-CET Under Graduate (UG) Academics: 25% PU-CET(UG): 75%
B.Sc. Physics (Specialization in Electronics) [Self-financing course]*	20+3 NRI+1 Foreign National			
M.Sc. (Physics) under the framework of Honours School System [Traditional course]	40+6 NRI+2 Foreign National	2 years	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 thereto with 50% marks, or, B.Sc. (Honours) in Physics under Choice-based credit system (CBCS) with 50% marks, or, B.Sc. (Honours) in any subject under CBCS with 24 credits in Physics as Generic Elective (GE) subject and Mathematics as Major/GE subject with 50% marks.	Based on PU-CET Post Graduate (PG)  Academics: 40% PU-CET(PG): 60%  In addition, all the students after passing B.Sc. (Honours) in Physics of Panjab University campus will continue for the respective M.Sc. (Physics) under the framework of Honours School System.
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.	Based on PU-CET (PG) Academics: 40% PU-CET(PG): 60%  In addition, all the students after passing B.Sc. (Honours) in Physics (Specialization in Electronics) of Panjab University campus will continue for respective M.Sc. Physics (Specialization in Electronics) under the framework of Honours School System.
PhD.	Subject to Availability	3-6 years	See M.Phil/Ph.D. Prospectus 2025	Application to Department with the project proposal (with PU approved valid NET/GATE/PhD Test for enrollment)
Post Graduate Diploma in Advance Scientific Computing (PGDASC) [Self-financing course]*	20	One Year	B.Tech., M.Sc. - Sciences, B.Sc. (4 years) - Sciences, MCA	Merit based on the qualifying degree (aptitude test if needed), Directly Apply to Department of Physics as per the admission dates announced by the university.
Post-Graduate Diploma in Optoelectronic Device Fabrication (No Self-Financing)	20+2 NRI+ 5 Foreign National		Above Criteria in (PGDASC) + It is proposed to be a regular course (No Self-Financing).	
Post-Graduate Diploma in Accelerator & Detector Physics (No Self-Financing)	20+2 NRI+ 5 Foreign National		MSc/4 Year BSc Physics, B.E. and industry professional	

\* The course fees of “Self-financing courses” are substantially higher than the “Traditional courses”.

\*\* Please carefully read the handbook of information for details regarding the total number of (convertible/non-convertible) available seats in various courses, the fees structure and the eligibility criteria for the various categories.

\*\*\* 5% concession is admissible in eligibility marks to BC/PwD candidates for all courses. The SC/ST candidates having pass-marks are eligible for application.

**Important note for candidates:**

a) The online submission of the CET(PG) form alone cannot be considered as the application for admission in M.Sc. courses. The candidates applying for admission in the M.Sc. courses have to separately fill the online application form for admission in the Physics Department apart from the CET(PG) online form.

b) The candidates applying for the B.Sc. courses should opt for B.Sc. (Physics) and B.Sc. Physics (Specialization in Electronics) under the framework of Honours School System in the online CET(UG) form.

\*: All reservations in seats available are as per Panjab University Rules (See Handbook of Information – available online on PU Admissions website)

**THRUST AREAS:** Nuclear Physics (Experimental), Nuclear Physics (Theory), Particle Physics (Experimental), Particle Physics (Theory), Condensed Matter Physics (Experimental), Condensed Matter Physics (Theory). Other research areas include Astrophysics and Planetary Sciences (Space Sciences), Molecular Spectroscopy and Physics Education. Department has highly qualified faculty of international repute and working in the areas of frontiers in physics. Students will have opportunity to work under various projects in the cutting edge technologies and international collaborations. There is ample infrastructure to develop computational skills of the students using C++, SciLab and Fortran etc.

**PLACEMENTS:** The students pursue career in teaching and research after qualifying CSIR/UGC NET. Students qualify various entrance examination/ interviews for pursuing research in premier institutes like IISc, TIFR, BARC, DRDO, ISRO, IMSc, RRI, PRL, IIT and IISER. Students also qualify GATE to pursue professional courses, like M.Tech., MCA, etc. Students also qualify GRE for further studies abroad. 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. Eg. Data Science, Device development for the Semiconductor and IC industry, Solar Cells, Small accelerators development, detector development for various applications in allied areas and industries. Industry experts will be interacting with the diploma students for real hands-on experience in-house and via internships.

**ALUMNI RELATIONS:** The Physics Department has an association of its alumni. Annual meeting of the Physics Department Alumni is a regular feature and held in the month of December. It gives a platform to its alumni to share their experiences and also act as motivator for the students of the department.

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