



PANJAB UNIVERSITY

Established under the Panjab University Act VII of 1947
- enacted by the Government of India

Profile of Panjab University

Brief History and Present Infrastructure

The Campus

Panjab University is located in Sector 14 and Sector 25 of Chandigarh, spreading across an area of almost 550 acres.

The layout of two campuses of the University has been conceived to meet the academic, administrative, sports/recreational, residential and other requirements of a growing



University. To make it self-contained, infrastructural facilities like its own Shopping Centre, Health Centre, Bank, Post office, Swimming Pool, Gymnasium, Sports Grounds, Botanical Gardens, well maintained parks, Open Air Theatre, Guest Houses, Faculty House, Seminar Complexes, Alumni House, Community Centre and a school, have been provided. Besides these facilities, the University Campus has 8 hostels for boys, 10 hostels for girls, a Working

Women Hostel and International Hostel and 2 sports hostels.

A cluster of prominent buildings like the Gandhi Bhawan, the Fine Arts Museum, the University Library and the Student Centre form the hub of social interaction. The three-winged structure of the Gandhi Bhawan, considered the pride of the University, is its most artistic building. The Fine Arts Museum, with its series of small galleries arranged around a courtyard, each gallery having a hyperbolic paraboloid roof (umbrella shaped), is not only an architectural but a structural marvel as well. The University Library, another key building, in the Sector 14 Campus is an RCC framed structure with red sandstone veneers. The Student Centre, with its circular base and a ramp pulsating around its cylindrical body, is another landmark building.

Teaching Departments/Centres

The academic institutes on the campus and four Regional Centres are grouped under the Faculties of Arts, Science, Languages, Law, Education and Fine Arts, Business Management and Commerce, Engineering and Technology, Medical Sciences, Pharmaceutical Sciences and Dairying, Animal Husbandry and Agriculture. Most of the departments have their own specialized libraries, and the working period runs for at least 180 days in a year.

The University School of Open Learning, a multi-disciplinary department, caters to more than 14000 distance learners and offers over 25 traditional and job oriented courses.

Centres of Excellence

Departmental Research Support (SAP/DRS), Centre for Advanced Study (CAS), Funds for Improvement of Science and Technology (FIST) and the Department of Special Assistance (DSA). The Departments covered under various UGC and DST Programmes are:

Centre for Advanced Study (CAS)	Departments of Anthropology, Chemistry, Geography, Geology, Life Sciences, Pharmaceutical Science and Zoology
Departmental Research Support (DRS)	Departments of Biotechnology, Botany, Economics, English, Mathematics, Physics, Chemical Engineering & Technology and the University Institute of Engineering & Technology
Department of Special Assistance (DSA)	Department of Biochemistry, Statistics, Biophysics
Funds for Improvement of Science & Technology (FIST)	Departments of Anthropology, Biophysics, Biotechnology, Botany, Chemistry, English, Mathematics, Physics, Zoology
DBT - Skill Vigyan	Department of Biochemistry
DBT - BUILDER	Department of Biochemistry
Design Innovation Centre	University Institute of Engineering & Technology
DST PURSE	Department of Geology, Mathematics
DST-CPR	Department of Biophysics
Human Resource Development Centre	Human Resource Development Centre

Networking Resource Centre	University Institute of Pharmaceutical Sciences
RUSA	Department of Geology, Botany, Zoology, Anthropology,
Technical Education Quality Improvement Programme - III (TEQIP)	University Institute of Engineering & Technology, SSB U
UGC XIIth PLAN Scheme for Women's Studies	Department cum Centre for Women Studies & Developm

University with Potential for Excellence

The University has been recognized by the UGC as the "University with Potential for Excellence in Biomedical Sciences" with facilities for Stem Cell Research and Drug Development. During the 11th Five Year Plan (2007-2012), it was awarded the following two Centres of Excellence by the UGC under the Scheme of Centre with Potential for Excellence in a Particular Area (CPEPA):

1. Centre of Excellence in "Application of Nano Materials, Nano Particles and Nano Composites", with a grant of Rs. 3.55 crore and
2. Centre of Excellence in "Cultural Fixation on Honor: A Gender Audit of Punjab and Haryana", with a grant of Rs. 1.85 crore

Research Initiatives

1. The University is participating in various prestigious International High Energy Research Programmes at Fermilab (USA), KEK (Japan) and CERN (Switzerland). At present, the University is involved in a big way in CMS and ALICE Experiments at CERN (European Organization for Nuclear Research) Switzerland and Neutrino Programme at Fermilab, USA. The CMS (Compact Muon Solenoid) project at the Large Hadron Collider is for the discovery of Higgs Boson and other new particles. Under such International Research programs, the University had earlier been involved in the Top Quark Discovery (1995) and CP-violation discovery (2001).
 - a. **International Collaborations:**
 The University recently signed MoUs with University of Nottingham (UK), University of Birmingham (UK), Nottingham Trent University (UK) and University of Western Sydney (Australia). PU also has collaborations with National Science Technology and Development Agency, Thailand; University of Missouri, USA and Universidade de Aveiro, Portugal; International Crops Research Institute for Semi-Arid Tropics (ICRISAT), Hyderabad; International Centre for Agricultural Research in Dry Areas (ICARDA), Morocco for a joint collaborative project funded by the Consultative group on International Agricultural Research (CGIAR) consortium, funded by organisations such as UNDP and FAO, USA, UK, and Germany; International Centre for Agricultural Research in Dry Areas (ICARDA), Morocco; World Vegetable Research Centre, Taiwan

through its South Asia Centre at Hyderabad and Baylor Medical centre, Dallas, U.S.A.

b. National collaborations:

The University has various prestigious collaborations with a number of national institutes like Indian Agricultural Research Institute, Delhi; GB Pant University of Agriculture and Technology, Pantnagar; Himalayan Forest Research Institute, Shimla; IIT, Roorkee; PGIMER, Chandigarh; Nuclear Science, Delhi; IMTECH; CSIO, Chandigarh; Institute of Nuclear Medicine and Allied Sciences (INMAS), New Delhi; Jamia Hamdard University, Delhi; Atomic Energy Regulatory Board of India, Mumbai; Central University, Hyderabad; Agriculture University, Palampur; Inter University Consortium (Kolkata & Bhubaneswar).

2. **Prominent Research Funding:** The University is getting liberal grants for pursuing research from various national & international agencies. Recently, the Department of Science and Technology, Government of India, selected the Panjab University as one among the top fourteen universities of India for further funding under the Promotion of University Research and Scientific Excellence (DST-PURSE) programme. Under this prestigious scheme, the university has received Rs. 34.8 crore for the development of research infrastructure. To participate in the CMS project, the Department of Science and Technology and the Department of Atomic Energy have provided Rs. 19 crore for the Twelfth Five-Year Plan.

Internet And Communication Facilities

The Computer Centre of the University provides Fibre Optic high speed network connectivity through Gigabit technology to all the Departments, Centres, Hostels and Administrative Block. The Computer Centre is connected through National Knowledge Network (NKN) and the National Mission of Education through Information and Communication Technology (NMEICT) networks. All the hostels and Academic areas of Sector 14 and Sector 25 are covered by Wi-Fi and students and staff can access it seamlessly. The Computer Centre is hosting all the servers (like DNS, Mail, Web Server) in its data centre and providing facilities like online admissions and entrance tests.

Other Facilitating Centres

Regional Sophisticated Instrumentation Centre, Energy Research Centre, Centre for the Study of Social Exclusion and Inclusive Policy, Centre for IAS & Other Competitive Examinations, Centre for Industry Institute Partnership Programme, Centre for Medical Physics, Centre for Study of Mid-West & Central Asia, Centre for the Study of Geopolitics, and Centre for Swami Vivekananda Studies are other facilitating centres providing services at the University.

The AC Joshi Library is housed in a centrally-located and fully air-conditioned 5 storey building with a seating capacity of 500 readers. It has over 7 lakh publications and a prized collection of 1490 manuscripts. It is fully computerized and provides access to more than 7500 online full text journals through UGC- INFONET. It is one of the six National Document Delivery Centres of INFLIBNET for data information distribution. Radio Frequency Identification Technology in the Library benefits the readers by permitting self-issue and returns of books 24x7. Recently many new services have been introduced such as Online Membership, SMS service, Digital signage system, etc. The outer reading hall is open twenty four hours. For visually impaired students, the library provides JAWS software to access information displayed on the screen via text-to-speech and Zoom-Ex which turns computer into an accessible scanner, reader and magnifier.

The University has its own Website to host date-sheets, results, examination forms and online entrance and admission forms for the convenience of students/public.

PU Radio

The University has its own community radio station, Radio Jyotirgamaya 91.2, which acts as a unifying agent amongst the university faculty, students and also the community. The radio programmes can be heard over a range of 10 kilometres.

Hostels

There are 18 hostels (8 for boys and 10 for girls) to accommodate nearly 6700 students. There also exists one Working Women hostel with a capacity to accommodate 70 residents and one International Hostel with world class facilities.

Health

Bhai Ghanaiya Ji (BGJ) Institute of Health caters to the medical needs of about 40,000 employees and their dependents, students of all the departments, all boys and girls residing in hostels, daily wagers, contractual employees, mess and canteen workers. A round-the-clock emergency service, along with 24x7 ambulance, is available. The Institute has a fully equipped modern clinical laboratory, latest computerized ECG machine, a fully computerized digital 500mA mammographic compatible CR unit and an X-Ray machine. BGJ Institute of Health is manned by a general physician and specialists from different faculties.

Sports

The University has playgrounds for all major sports. There is an air conditioned gymnasium hall, an international level Swimming Pool, Diving

Pool, 400 m grassy Athletic Track (8 lanes), two cemented Basketball courts with flood lights, four Volleyball courts, one Hockey ground, two football grounds, two Kho-Kho courts, two Kabaddi courts, three Softball grounds, two Cricket grounds, one Netball ground, one korfball ground, two synthetic lawn tennis courts, 8 grassy Lawn Tennis Courts, one Cinder Lawn Tennis Court. An international standard 10 meter shooting range is also functional on PU Campus. The University has been awarded the Maulana Abul Kalam Azad (MAKA) trophy sixteen times for excellence in games and sports at the All India Inter-University level.

