



**CHANDIGARH
UNIVERSITY**

Discover. Learn. Empower.

**NAAC
GRADE A+**

ACCREDITED UNIVERSITY



**RANKED
#20**
AMONGST TOP
UNIVERSITIES IN INDIA



Ph.D.

DOCTOR OF PHILOSOPHY

IMPORTANT DATES (July, 2025 Intake)

Last date for submission of online application forms

- **31st May, 2025 (Saturday)**

Conduct of Ph.D. Entrance Examination

- **08th June, 2025 (Sunday)**

Result of Ph.D. Entrance Examination

- **14th June, 2025 (Saturday)**

Interview Schedule

- **19th - 21st June, 2025 (Thursday - Saturday)**

Result of Interview

- **02nd July, 2025 (Wednesday)**

Admission notification and deposit of admission fee

- **10th July, 2025 (Thursday)**

Classes Start

- **16th July, 2025 (Wednesday)**

**INFORMATION BROCHURE
CUM ENTRANCE TEST FORM FEE:
Rs. 1100/-**



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Eligibility

Minimum Educational Qualification

The minimum educational qualification for admission to the Ph.D. programme of the Institute are as follows:

Eligibility Criteria

- ✓ Master's degree in the relevant discipline with a minimum of 55% marks or equivalent.
OR
- ✓ A 4-year/8-semester Bachelor's degree in the relevant discipline with a minimum of 75% marks or equivalent.
- ✓ Qualifying Scores in CU-Ph.D. Entrance Test and personal interview.
OR
- ✓ Valid scores in recognized exams like GATE, UGC-NET, CSIR-NET, GPAT, and personal interview.



Note:

Candidates shall be admitted on the basis of merit in the Entrance Test and interview conducted by the University. During the interview, a candidate is required to give a presentation to the selection committee in the indicated area of research.

Ph.D. in Tourism & Hospitality Management

Ph.D. in Tourism & Hospitality Management: Candidates must have at least 55% marks in post-graduation in the relevant field. Candidates with 3 years of executive experience in the Tourism & Hospitality industry may register for the Ph.D. programme if otherwise eligible as per University/UGC norms. As per UGC guidelines, applicants for the Ph.D. programme who have qualified NET/SET and have been awarded the Junior Research Fellowship (JRF) shall be admitted directly to the programme without undertaking entrance test.

Ph.D. in Forensic Sciences

PG in Forensic Science and allied fields, Criminology, Digital Forensic (MCA), M.Sc. in Life Sciences, Physics, Chemistry, Botany, Zoology, Postgraduate in Social Science, Psychology, Computers, Engineering, Ballistics, Arms and Ammunition with good academic record (minimum CGPA of 5.5 on a 10 points scale or 55% marks in aggregate where marks are awarded) and having a valid score in GPAT /UGC /CSIR / NET / CU-PhDs entrance test or equivalent qualification.

Ph.D. in Computer Applications

Candidates with a 2-year (or 4-semester) Master's degree after a 3-year Bachelor's degree, or a 1-year (or 2-semester) Master's after a 4-year Bachelor's, with at least 55% aggregate marks or equivalent grades as prescribed by UGC in relevant fields (e.g., M.Sc., MCA, M.Tech in CSE/IT) are eligible. Alternatively, candidates with a 4-year Bachelor's degree in a relevant field with 75% marks and a minimum of 3 years of teaching/research/industry experience are also eligible.

Ph.D. in Sciences

Master's degree in Sciences with a good academic record (minimum CGPA of 5.5 on a 10-point scale or 55% marks in aggregate, where marks are awarded) and a valid score in GATE, UGC/CSIR-NET, NBHM, CU-Ph.D. Entrance Test, or an equivalent qualification tenable for the current year in the relevant area.

Ph.D. in Bio-Technology

Ph.D. in Bio-Technology Candidate with a Master's degree in Life Science / Agriculture/ Pharmacy / Veterinary / Medicine (MBBS) / Medical Lab Technology / Food technology/ Nursing or its equivalent or relevant stream with a good academic record (minimum CGPA of 5.5 on a 10 point scale or 55% marks in aggregate where marks are awarded) and having a valid score in UGC/CSIR-NET/ CU-Ph.D. Entrance Test or equivalent qualification tenable for the current year in the relevant area.

Ph.D. in Management

MBA/M.Com. degree or equivalent PG Diploma or Associateship in a relevant discipline, and a Bachelor's degree with a good academic record; OR a five-year integrated master's degree/dual degree or equivalent in a relevant discipline with a good academic record (minimum CGPA of 5.5 on a 10-point scale or 55% marks in aggregate where marks are awarded), and a valid score in GATE, CSIR-NET, or CU Ph.D. Entrance Test.

Ph.D. in Pharmaceutical Sciences

Candidate with a Master's degree in Pharmacy, Biology, Biotechnology, or a relevant stream, with a good academic record (minimum CGPA of 5.5 on a 10-point scale or 55% marks in aggregate where marks are awarded), and a valid score in GPAT, UGC, CSIR-NET, CU-Ph.D. Entrance Test, or an equivalent qualification tenable for the current year in the relevant area.

Ph.D. in Education

Candidate with a Master's degree or M.Ed. in Education, with a good academic record (minimum CGPA of 5.5 on a 10-point scale or 55% marks in aggregate where marks are awarded), and a valid score in UGC/CSIR-NET, CU-Ph.D. Entrance Test, or an equivalent qualification tenable for the current year in the relevant area.

Ph.D. In Psychology

Candidate with a Master's degree in Psychology, with a good academic record (minimum CGPA of 5.5 on a 10-point scale or 55% marks in aggregate where marks are awarded), and a valid score in UGC/CSIR-NET, CU-Ph.D. Entrance Test, or an equivalent qualification tenable for the current year in the relevant area.

Ph.D. in English

Candidate with a Master's degree in English, with a good academic record (minimum CGPA of 5.5 on a 10-point scale or 55% marks in aggregate where marks are awarded), and a valid score in UGC/CSIR-NET, CU-Ph.D. Entrance Test, or an equivalent qualification tenable for the current year in the relevant area.

Ph.D. in Mass Communication

Candidate with a Master's degree in Mass Communication, Film, or Animation, with a good academic record (minimum CGPA of 5.5 on a 10-point scale or 55% marks in aggregate where marks are awarded), and a valid score in UGC/CSIR-NET, CU-Ph.D. Entrance Test, or an equivalent qualification tenable for the current year in the relevant area.

Ph.D. in Economics

Candidate with a Master's degree in Economics, with a good academic record (minimum CGPA of 5.5 on a 10-point scale or 55% marks in aggregate where marks are awarded), and a valid score in UGC/CSIR-NET, CU-Ph.D. Entrance Test, or an equivalent qualification tenable for the current year in the relevant area.

Ph.D. in Architecture

Candidates with a Bachelor's and Master's degree in Architecture or an allied specialization, or equivalent, from a recognized academic institution (with not less than 55% marks or a CGPA of 5.5 and above on a 10-point scale), and a valid score in UGC/CSIR-NET, CU-Ph.D. Entrance Examination, or an equivalent qualification tenable for the current year in the relevant area, are eligible.

Ph.D. in Life Sciences

Zoology

Candidates with a Bachelor's and Master's degree in Zoology, allied specializations, or equivalent from a recognized academic institution (with not less than 55% marks or a CGPA of 5.5 and above on a 10-point scale), and a valid score in UGC/CSIR-NET, CU-Ph.D. Entrance Examination, or an equivalent qualification tenable for the current year in the relevant area, are eligible.

Botany

Candidates with a Bachelor's and Master's degree in Botany, allied specializations, or an equivalent qualification from a recognized academic institution (with not less than 55% marks or a CGPA of 5.5 and above on a 10-point scale), and a valid score in UGC/CSIR-NET, CU-Ph.D. Entrance Examination, or an equivalent qualification tenable for the current year in the relevant area, are eligible.

Ph.D. in Allied Health Sciences

Nutrition & Dietetics

Candidates with an M.Sc. in Food & Nutrition, Nutrition, Nutrition & Dietetics, or Public Health Nutrition, with a minimum of 55% marks or an equivalent grade point average, and a valid score in UGC/CSIR-NET, CU-Ph.D. Entrance Examination, or an equivalent qualification tenable for the current year in the relevant area, are eligible.

Physiotherapy

Candidates with a Master's degree in Physiotherapy or a relevant discipline, with at least 55% marks or an equivalent grade point average, and a valid score in UGC/CSIR-NET, CU-Ph.D. Entrance Examination, or an equivalent qualification tenable for the current year in the relevant area, are eligible.

Medical Lab technology

Candidates with an M.Sc. in MLT/MLS, Clinical Microbiology, Clinical Biochemistry, Hematology, Histopathology, Pathology, or an equivalent degree with a minimum of 55% marks or equivalent grade point average, and a valid score in UGC/CSIR-NET, CU-Ph.D. Entrance Examination, or an equivalent qualification tenable for the current year in the relevant area, are eligible.

Optometry

Candidates with a Master's degree in Optometry, with 55% marks or an equivalent grade point average, and a valid score in UGC/CSIR-NET, CU-Ph.D. Entrance Examination, or an equivalent qualification tenable for the current year in the relevant area, are eligible.

Ph.D. in Commerce

Candidate with a Master's degree in Commerce, with a good academic record (minimum CGPA of 5.5 on a 10-point scale or 55% marks in aggregate where marks are awarded), and a valid score in UGC/CSIR-NET, CU-Ph.D. Entrance Test, or an equivalent qualification tenable for the current year in the relevant area.

Ph.D. in Physical Education

Candidates with a Master's degree (1-year after 4-year UG or 2-year after 3-year UG) with at least 55% marks or 5.5 CGPA are eligible. Those with a 4-year UG degree alone must have 75% marks or 7.5 CGPA. A 5% relaxation applies for SC/ST/OBC (non-creamy layer), EWS, and differently-abled candidates. UGC-NET/JRF, CSIR-NET/JRF, GATE, GPAT, or M.Phil. (regular mode) holders are exempted from the CU-Ph.D. Entrance Test.

Ph.D. in Computer Science Engineering

Candidate with 1-year/2-semester master's degree programme after a 4-year/8-semester bachelor's degree programme or a 2-year/4-Semesters master's degree programme after a 3-year bachelor's degree program or equivalent in the relevant master's degree with at least 55% marks in aggregate or 5.5 CGPA on 10- pointer scale to qualifying CU-Ph.D. Entrance Test followed by Interview.

OR

A candidate who has completed a 4-year/8-semester bachelor's degree programme with a minimum of 75% marks in aggregate or 7.5 CGPA on 10-pointer scale to qualifying CU-Ph.D. Entrance Test followed by Interview.

Ph.D. in Engineering (E.E, Civil, Mech., E.C.E)

Candidate with 1-year/2-semester master's degree programme after a 4-year/8-semester bachelor's degree programme or a 2-year/4-Semesters master's degree programme after a 3-year bachelor's degree program or equivalent in the relevant master's degree with at least 55% marks in aggregate or 5.5 CGPA on 10- pointer scale to qualifying CU-Ph.D. Entrance Test followed by Interview.

OR

A candidate who has completed a 4-year/8-semester bachelor's degree programme with a minimum of 75% marks in aggregate or 7.5 CGPA on 10-pointer scale to qualifying CU-Ph.D. Entrance Test followed by Interview.



Selection Procedure

Eligible candidates possessing the minimum educational qualifications and satisfying the additional criteria set forth above will be called for an interview by the Ph.D. Admission Committee.

Based on the academic record and the candidate performance in the interview and/or test, the Admission Committee will recommend to the Vice-Chancellor the names of candidates found suitable for admission to the Ph.D. programme.

Admission

(a) Candidates whose selection is approved by the Vice-Chancellor will be admitted to the Ph.D. programme after payment of the prescribed fees.

(b) Ordinarily, a candidate is not eligible for re-registration for the Ph.D. programme after cancellation of their earlier registration for any reason. However, based on the merits of the individual case and taking into consideration any special circumstances, a candidate may be considered for re-registration.

1. Recommendation about the allotment of research scholars to guides will be made by the Head of the Department taking into consideration the research profile of the department and the preferences of the research scholars and guides, which shall be approved by the University Research Committee.
2. There shall be no more than two guides from the Institute for a research scholar.
3. Additional Guide from outside the Institute can be allowed with the approval of Vice-Chancellor on case to case basis only for research based on Biomedical Devices and Technology areas.
3. The recommendation for the co-guide shall be made with valid reasons and justifications by the Doctoral Committee (DC) of the research scholar.



Number of Seats

Computer Science & Engineering	50
Electronics & Communication Engineering	20
Electrical Engineering	20
Civil Engineering	20
Mechanical Engineering	20
Business Management, Commerce & Economics	20
Mathematics	20
Physics	20
Chemistry	20
Computer Applications	20
Biotechnology	20
Pharmaceutical Sciences	20
Forensic Science	02
Law	20
Tourism & Hospitality Management	20
Mass Communication	20
Education	20
English	20
Architecture	05
Botany	20
Nutrition & Dietetics	20
Physiotherapy	20
Medical Lab Technology	10
Physical Education	20
Optometry	-
Zoology	-
Psychology	-

RESEARCH FACILITIES FOR STUDENTS

The University Centre of Research & Development (UCRD) was established concurrently with the founding of the university, serving as a dedicated entity to oversee, foster, and support all research and innovation endeavors. Its primary mission is to facilitate and coordinate research and consultancy initiatives, particularly in partnership with industry.

KEY FEATURES:

Collaboration with COFORGE: The Centre of Excellence in Artificial Intelligence (AI), established in collaboration with COFORGE, represents a pinnacle of our research efforts. Equipped with NVIDIA GPUs valued at ₹1.8 crores, this facility stands as a testament to our commitment to cutting-edge technological advancement.

Smart City Observatory: Our innovative initiatives extend to the development of a Smart City Observatory a pioneering project aimed at revolutionizing waste management in Chandigarh. By meticulously tracking 36 Key Performance Indicators (KPIs), we ensure efficient and sustainable waste management practices, setting new benchmarks for urban development and environmental stewardship.

CENTRAL RESEARCH FACILITY

- | | |
|---|--|
| 1. Advanced Manufacturing Lab (Flexible Manufacturing System Lab)
Vertical Milling Center
CNC Lathe
Controller Robot
Programmable Automated Guided Vehicle
Automatic Storage Retrieval System | 4. 3D Printing Lab
Multi-Jet 3D Printer (MJP, 2500 Plus)
Stereolithography (SLA, Projet 6000 HD)
Plastic Jet Printer (Cube Pro)
Fused Deposition Modelling (Dimensions, SST 1200 es)
3D Scanner (3D Systems)
Reverse Engineering Software
Support Cleaning Accessories (Projet & 3D systems) |
| 2. SEM Lab
Scan Electron Microscope JEOL IT 500
UV spectrophotometer | |
| 3. XRD Lab
Bruker D9 Advance Eco XRD System | |

5. Genetic Engineering Lab

Weighing Balance (Mettler Toledo)
Benchtop Incubator Shaker (New Brunswick Scientific)
pH Meter (Mettler Toledo)
Single Water Distillation Unit (Borosil)
Electrophoresis Unit: Mini PROTEAN Tetra Cell Vertical (Bio-Rad) & Horizontal (Bio-Rad)
Centrifuge (Eppendorf)
PCR (Gradient) (Bio-Rad)

Laminar Air Flow (Rescholar)

BOD Incubator (REMI)

Bioreactor – 6L (Infors)

UV Torch (Genaxy)

6. Chemistry Lab Equipment

Fume Hood

Ultrasonicator

Fluorescence Spectrophotometer



RESEARCH FACILITIES AT CHANDIGARH UNIVERSITY

Ever since the establishment of the university, the administration and faculty have toiled day in and day out to create a research-intensive environment that is synonymous with the holistic pedagogy of the university. Due to these persistent efforts, CU is ranked 1st among all Universities in India for filing the highest number of patents in 2021-22, as per the recently published Annual Report of the Office of the Controller General of Patents, Designs, and Trademarks.

4500+

Total Patents filed

2900+

Patents Published

204+

Patents Granted

17000+

Research Publications

200+

Departmental Research Groups

60+

Research Centres

250+

International Research Internships Every Year

CU-TBI

The Technology Business Incubator (TBI) is an initiative of Chandigarh University to provide business services among its faculty, alumni and students. CU-TBI aims at nurturing entrepreneurship skills, creating self-employment, product development and manufacturing in line with the social objectives of the Government of India. It is an innovative setup which will empower people of the region to start their own ventures. Our focus will be to energize entrepreneurship in academia through innovation.

150 Start-ups Running
Successfully

50+ Start-ups Recognized
by Start-up India

INTERNATIONAL RESEARCH COLLABORATIONS

with 250+ Universities in 60+ Countries



& many more...

KALPANA CHAWLA CENTRE FOR RESEARCH

Establishment of the Kalpana Chawla Centre for Research in Space Science and Technology (KCCRSST).

The KCCRSST is giving satellite design training to students from 21 countries. The Space Centre can communicate with 28 countries that are part of the Satellite Networked Open Ground Station (SatNOGS).

15+ Centres of Excellence





APPLICATION FORM FOR Ph.D. Admissions

Reg. No. Year Gate Score Air

Name of Competitive Exam		Year	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Score	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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6. Telephone with STD Code

E-mail:

11. Qualifying Degree	(Write 'M.E/M.Tech/MSc/MPhil/MBA/MCom')
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12. Qualifying Discipline	
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13. Status of Examination (Write 'Cleared/Appeared')

14. No. of years of Experience: a) Teaching b) Industry (attach experience certificate)

15. Details of Academic Record (Starting from 10th class onwards):

Institute/University	Examination Passed	Year of Passing	Class/Division	Average % of Marks/ Grade

16. Departments/Interdisciplinary Groups/Centre and Schools applied for (kindly tick):

CSE ☐ Civil Engineering ☐ AI ☐ ECE ☐ EE ☐ Physics ☐ Arts ☐

Electronics Comm. ☐ Chemistry ☐ Mech. Engg. ☐ Mass Comm. ☐ Mathematics ☐

Bus. Mgt. ☐ Commerce ☐ Computer Appl. ☐ Eco. ☐ Edu. ☐ Engineering ☐

Psycho. ☐ Biotech ☐ Pharma Sciences ☐ Forensic Science ☐ English ☐

Law ☐ Tourism & Hospitality Management ☐ Architecture ☐ Zoology ☐ Chemistry

Botany ☐ Nutrition & Dietetics ☐ Physiotherapy ☐ Medical Lab Technology ☐ Optometry ☐

Paramedical & Allied Health Sciences ☐ Physical Education ☐

17. *Categories under which you want to apply: (write in order of preference)

Part Time ☐ Full Time ☐

18. Papers published, if any: (Please attach abstract)

No. of Papers: Published in Journals Accepted for publication

No. of Papers: Published/Presented in Conferences

19. Declaration:

I certify that the information given above is correct and I am aware that providing incorrect information in the application form will result in cancellation of the admission.

Place: Date: Signature of the Applicant

* Employed candidates should attach No-Objection Certificate.

Details of Demand Draft

Demand Draft No.: Demand Draft Date:

Amount: Banker's Name: