



**CHANDIGARH
UNIVERSITY**

UTTAR PRADESH

Ph.D.

**India's First AI-Augmented
Multidisciplinary University**

Full-time and Part-time



Information Brochure (Session 2026-27)

NOBEL

LAUREATE

NOBEL LAUREATE



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Chandigarh University is a young, big university. AI motion will affect education. It is impressive how CU looks modern and focuses on advanced scientific research.

Prof. (Dr.) Gerardus't Hooft

Nobel Laureate in Physics and
Globally Acclaimed Theoretical Physicist

Chandigarh University, Uttar Pradesh

India's First AI-Augmented Multidisciplinary University

Envisioned to foster sustainability and shape global citizens, Chandigarh University, Uttar Pradesh, is India's First AI-Augmented Multidisciplinary University, which immerses 21st-century learners in personalised and experiential education by seamlessly integrating artificial intelligence across all domains.

Inaugurated by Shri Yogi Adityanath, Hon'ble Chief Minister of Uttar Pradesh, the University has heralded a new dawn in India's educational innovation through AI-driven learning and cutting-edge research. The Uttar Pradesh campus carries forward the venerable legacy of Chandigarh University, Punjab, which has established itself as India's No. 1 Private University and a globally respected research-intensive institution.

Having world-class infrastructure with high-tech centres of excellence, top-tier research hubs, extensive international and industry collaborations, distinguished doctoral faculty, and esteemed industry mentors, the Uttar Pradesh campus empowers 21st-century learners with versatile cross-disciplinary skills and prepares them to have a definitive edge in this AI-driven world.



Legacy of

Chandigarh University

India's Leading
Research-Intensive University

Chandigarh University holds a rich educational legacy and proudly stands as India's No.1 Private University for three consecutive years and is ranked among the top 2% of universities worldwide. It has emerged as India's leading institution in academics, research, sports, culture, and global engagement, nurturing a rich and diverse pool of highly qualified talent who have built successful careers across a wide spectrum of fields.

Acclaimed Rankings and Accreditations Affirming our Pre-eminence



OVERALL RANK 109

India's No. 1 Private
University for Three
Consecutive Years

By QS Asia University Rankings 2026



GLOBAL RANK 575

Ranked Amongst Top 2%
Universities Worldwide

By QS World University Rankings 2026



Ranked #19 Amongst Top
Universities in India

Engineering #31, Management #32,
Pharmacy #15, Architecture &
Planning #14



Engineering
Accreditation
Commission

Amongst the Top 0.1%
Indian Universities
having its Engineering
Programs

Accredited by ABET



NBA Accreditation for
Engineering and MBA
Programs



Bestowed With A+
Accreditation

by National Assessment & Accreditation
Council (NAAC) in the first cycle itself



Ranked #1 in India for
Filing Highest Number
of Patents

in the year 2021-22

Centre for Research and AI Development Learning Ecosystem

(CRADLE) Cell

The CRADLE Cell at Chandigarh University, Uttar Pradesh, is dedicated to encourage research through artificial intelligence and build partnerships around the world for technological transformation and societal benefit. The cell seeks to develop innovative and impactful technologies in areas like engineering, science, and social sciences.

Vision

To build a world-class, multidisciplinary research ecosystem that harnesses AI, emerging technologies, and human values to address real-world challenges, support the realisation of the United Nations Sustainable Development Goals (SDGs), and contribute to nation building.

Mission

- *To collaborate with world-renowned research centres, leading R&D in engineering, science, management, and the health sector to build a world-class, multidisciplinary research and innovation landscape.*
- *To connect the CRADLE Cell with a global network of innovators, researchers, and industry leaders and create international collaborations for the development of contemporary solutions to address real-world challenges.*
- *To support faculties and scholars in research publications, patent filing & granting, and project & consultation work.*
- *To facilitate students in converting innovative projects into marketable products, nurturing entrepreneurial mindsets, and fostering a culture of innovation and real-world impact.*
- *To develop processes for standardisation across all the university's schools, creating SDG-aligned frameworks and supporting long-term nation-building initiatives.*
- *To inculcate a spirit of research and innovative development among academia and corporations.*

Distinctive Features

of Chandigarh University,
Uttar Pradesh

1

Pioneer in AI-Integrated Multidisciplinary Education

Gain proficiency in AI fundamentals and domain-specific advanced modules while engaging in multidisciplinary education across disciplines of engineering, management, social sciences, law, and humanities, preparing for an AI-driven workforce.

2

Mentorship by AI Experts from Top-Tech Giants

Get expert AI guidance from top professionals at leading tech companies like Google, Microsoft, IBM, and more, empowering you with the skills and knowledge to excel in the tech-driven future.

3

Fluid Learning Environment with Innovative Pedagogical Approach

Harness virtual reality and simulation tools to engage in tech-driven, personalised education that integrates cross-domain learning, project-based opportunities, global certifications, and predictive analytics, all tailored to your pace, career goals, and industry-aligned skill development.

4

Centres of Excellence for Cross-Disciplinary Research

Leverage advanced technologies at industry collaborated Centres of Excellence to undertake groundbreaking research projects in diverse domains, like blockchain, cryptography, neurotechnology, genetic engineering, and more.

5

Tech-Infused Ecosystem to Nurture Entrepreneurial Ventures

Ignite your entrepreneurial spirit with our tech-powered incubation ecosystem and makerspace, where creativity and collaboration turn ideas into successful ventures.

6

Ethical AI Practices for Nation Building

Integrate ethical principles in your research and innovation ventures and contribute to a future where AI promotes equality, safeguards freedoms, and strengthens the foundation of a democratic and just society.

Why Choose Chandigarh University, Uttar Pradesh for Ph.D.



- *Experience an AI-driven, research-centric environment that fosters global intellectual exploration and innovation.*
- *Explore international research opportunities through collaborations with top QS-ranked universities worldwide.*
- *Learn from doctoral faculty ranked among the world's top 2% scientists (Stanford Global List 2025).*
- *File high-quality patents (IPR) and publish in Q1, Q2, SSCI, SCI, and ABDC A-rated national and international journals.*
- *Conduct research using cutting-edge technologies in state-of-the-art Centres of Excellence and Advanced Labs.*
- *Innovate with dedicated facilities such as the Apple Vision Pro Lab and the AI-ML Lab.*
- *Receive research supervision from a distinguished fraternity of national and international research guides from top-ranked global universities and industries.*
- *Work on sponsored and funded projects under the guidance of industry experts and government agencies.*
- *Gain unrestricted access to IEEE journals, prestigious international conference proceedings, and leading research databases such as Springer and Elsevier.*
- *Benefit from a Technology Business Incubator that provides seed funding and expert mentorship to transform innovative ideas into successful ventures.*



Leading in an Impact-Driven Research Ecosystem

- ✓ 21,000+ Scopus-indexed Publications
- ✓ 5300+ Patents Filed in Diverse Domains
- ✓ 1,72,800+ Scopus Citations
- ✓ 115 H-Index
- ✓ ₹90 Cr+ Government-Funded Research Projects
- ✓ 200+ Departmental Research Groups

National and International Research Opportunities

- ✓ Collaborative Research and Co-supervision Opportunities with 250+ International Partner Universities in 60+ Countries
- ✓ Collaborations with Top Global Tech Firms for Industry-Funded Research Projects
- ✓ Government-Funded Research Projects: DST, ICMR, SERB



Esteemed Global Partners



and many more.

Tech-Infused Technology Business Incubator

Backed by the Government of India, Chandigarh University's Technology Business Incubator guides aspiring entrepreneurs with cutting-edge resources, industry mentorship, and a thriving research and innovation ecosystem. From product prototyping to testing and go-to-market support, TBI fuels startup journeys with seed funding to turn breakthrough ideas into real-world ventures.

250+

Start-ups Incubated

CU-TBI Provides Support To The Students Through:

- 1 18-Month Incubation
- 2 Funding For Product/Prototype Development
- 3 Seed Support
- 4 Mentoring From Top Entrepreneurs & Industry Leaders
- 5 Infrastructure Support
- 6 Mudra Loan Connect



Campus TANK

INDIA'S BIGGEST UNIVERSITY-LED STARTUP LAUNCHPAD FOR YOUNG INNOVATORS

Chandigarh University strives to empower young entrepreneurs to drive innovation, fuel economic growth, and contribute meaningfully to making India a Global Startup Hub. Taking this vision forward, the University has launched Campus Tank, India's Biggest University-Led Startup Launchpad for Young Innovators, driven by a \$6 million pledged funding pool, top-tier mentorship by industry leaders, access to venture capitalists, and world-class incubation support, transforming student ideas into scalable ventures poised for real-world success and global impact.

A Pan-India Initiative with a Pledged Funding Pool of

\$6 Million



Key Features

- ✓ \$6 Million Pledged Funding Pool dedicated to accelerating high-potential student-led startups
- ✓ Strategic Industry Alliances with Apna, Venture Catalysts, and AICTE
- ✓ Nationwide Opportunity for young innovators under 30 to build, pitch, and scale
- ✓ Expert Mentorship from Entrepreneurs, Venture Capitalists, and Industry Leaders
- ✓ Institutional Incubation by CU with infrastructure, resources, and growth facilitation
- ✓ Campus Tank Spotlight Award amplifying standout ventures with recognition and media outreach



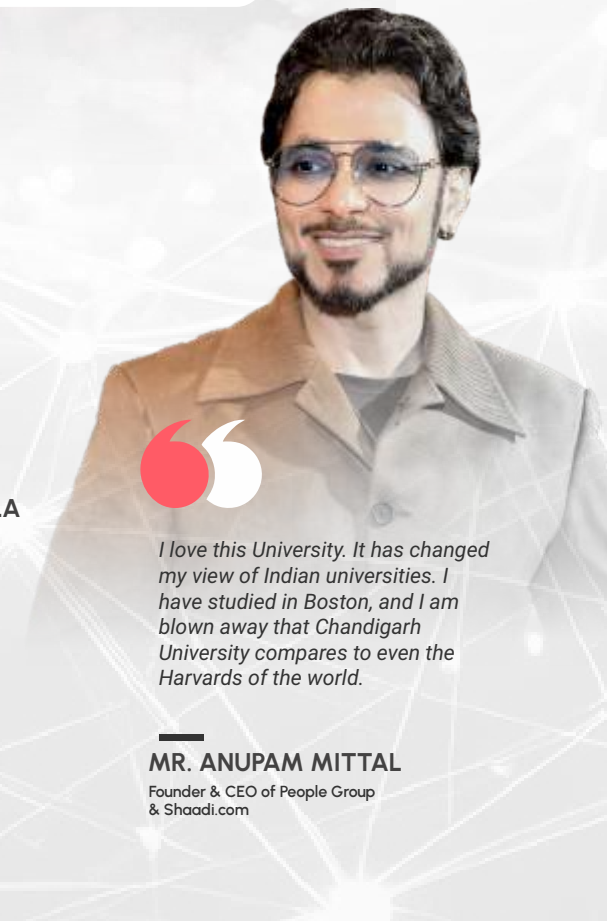
Chandigarh University has a 360-degree and Holistic Way of Learning. When I came in here, the first impression I got was high energy.

MR. RONNIE SCREWVALA
Prominent Indian Entrepreneur,
Investor & Film Producer



I love this University. It has changed my view of Indian universities. I have studied in Boston, and I am blown away that Chandigarh University compares to even the Harvards of the world.

MR. ANUPAM MITTAL
Founder & CEO of People Group
& Shaadi.com



Centres of Excellence For Cutting-edge Research

Microsoft

Centre of Excellence for AI Skilling and Innovation



Microsoft Centre of Excellence is a skills hub for advanced technology training. Here, students are upskilled in IT tools, keeping the focus on emerging tech domains like cloud computing and Artificial Intelligence. This active learning space covers lectures, group work, hackathons, and bootcamps, creating the right environment for tech skill development.

SAS

Advanced Analytics and Data Intelligence Centre



SAS Centre of Excellence is an advanced analytics lab training students in data analysis, statistical modeling, and business intelligence using SAS tools. The CoE incorporates analytics in management courses and projects in the form of SAS-certified courses and practical projects. As a result, students are equipped to make decisions with data and meet growing demand for analytics.

Apple Vision Pro Lab

The Apple Vision Pro lab, a high-tech facility, has 57 Macintosh systems which are used to offer a high-tech atmosphere to the young minds. It assists in training students in the AI-based iOS development, Augmented Reality (AR), and Virtual Reality (VR) technological progress.

AI-ML Lab

The Artificial Intelligence and Machine Learning Lab gives students a practical space to explore and build AI-driven solutions. They experiment with models, test ideas, and learn how these technologies work in real-world scenarios.

Quick Heal

Threat Intelligence and Cyber Defence Hub



Quick Heal Threat Intelligence and Cyber Defence Hub is a specialised cybersecurity lab offering hands-on training in threat intelligence, malware analysis, network defense, and cyber forensics. Equipped by Quick Heal Technologies with advanced tools, it provides practical experience in tackling modern cyber threats.

CUAI.Space

CUAI.Space is a future-ready platform designed for students, faculties and startups, offering on-demand access to a next-generation Jupyter-based environment for academic and entrepreneurial research to foster innovation and real-world impact.

Visit the link to know more
<https://www.cuai.space/>

Pursue Research under the
**Mentorship of
World-Renowned
Academics**



**Dr. Andreas Aleksandr
Wansbrough**

*Professor of Film Studies and Artificial
Intelligence, University of Sydney,
Australia*



**Prof. Alexander
Sorokin**

*Economics and International
Relations, HSE University, Russia*



Prof. Jacob Stegenga

*Professor of Philosophy, Science and Medicine,
Nanyang Technological University, Singapore*



Prof. Jörn Dosch

*Dean of Economic
and Social Sciences,
University of Rostock,
Germany*



Dr. Lisa Lau

*Academic Lead,
Keele University,
United Kingdom*



Prof. Lenart Škof

*Dean, Faculty of
Humanities, Alma
Mater Europaea
University, Slovenia*



Dr. George S. Spais

*Professor,
Management, Hellenic
Open University, Greece*

Chandigarh University in the Words of **Nobel Laureates**



I am quite impressed as educational institutions like Chandigarh University have filed so many patents in different domains. A researcher is essentially a learner who continues his learning process forever. AI is a very powerful tool but it's not magic and it will change many more things, one must be optimistic about it.

Prof. (Dr.) Jean-Marie Lehn

Nobel Laureate in Chemistry & Professor of Chemistry, University of Strasbourg Institute for Advanced Study (USIAS)



Being a young university, huge admiration for Chandigarh University for the level of achievement made so far. The interest for pure sciences must be nurtured, as a new invention or discovery can be made only after studying physics, biology or chemistry. As a student you should never give-up the unique learning tool of being inquisitive or being curious.

Prof. (Dr.) Michel Mayor

Nobel Laureate in Physics & Swiss Astrophysicist



Chandigarh University's vision and history are really impressive. Language is a tool that is used to communicate thoughts and ideas from one society to another, and when it is communicated, then there might be a change in the essence of what you really want to communicate. With times and changing technology, language also tends to evolve by adding new vocabulary or words but the purity of language needs to be maintained.

Prof. (Dr.) Wole Soyinka

Nobel Laureate in Literature



The situation of crisis throws open new challenges and opportunities. The researchers are working on the problem to help the countries combating the climate change situation which is affecting humans, animals and plants all over the world. It is very important that you find something that you are really passionate about.

Prof. (Dr.) Richard J. Roberts

Nobel Laureate in Physiology or Medicine

School of Computer Science Engineering

Program Offered

Ph.D. in Computer Science

This program delves deep into advanced computing, algorithms, and emerging technologies. It mentors researchers on how to develop solutions that determine the future of software and systems.

Eligibility

Candidate with a 1-year/2-semester master's degree program after a 4-year/8-semester bachelor's degree program or a 2-year/4-semester master's degree program 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 a 10-pointer scale to qualify for the CU-Ph.D. Entrance Test followed by an 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 qualify CU-Ph.D. Entrance Test followed by Interview.*

Research Domains

- ✔ Artificial Intelligence (AI) & Machine Learning (ML)
- ✔ Data Science & Big Data Analytics
- ✔ Cybersecurity & Privacy
- ✔ Internet of Things (IoT) & Cyber-Physical Systems
- ✔ Cloud Computing & Edge Computing
- ✔ Blockchain & Distributed Ledger Technologies
- ✔ Natural Language Processing (NLP)
- ✔ Ad hoc Network
- ✔ Data Mining
- ✔ Software Engineering
- ✔ Quantum Computing
- ✔ Robotics and Computer Vision
- ✔ Social Network Analysis
- ✔ Terrorist Network Mining
- ✔ Deep Learning and Computer Vision

School of Engineering

Programs Offered

1 Ph.D. in Electrical Engineering

This program emphasises research in power systems, control systems, and electrical machines. It prepares scholars to contribute to advancements in electrical technologies and energy solutions.

Research Domains

- ✔ Power Electronics for Renewable and Sustainable Energy
- ✔ Solar Energy
- ✔ Power Electronics Converter
- ✔ Wide Area Measurement System
- ✔ Wide Area Control System
- ✔ AI Applications
- ✔ Power System Stability
- ✔ Renewable Integration Impacts on Power System Oscillations

2 Ph.D. in Mechanical Engineering

Focused on advanced mechanics, manufacturing, and thermal sciences, this program drives innovation in engineering solutions. Research expertise is established by the scholars in order to elevate the industrial and technological systems.

Research Domains

- ✔ Sustainable Machining
- ✔ Automation, Tribology
- ✔ Industrial Automation
- ✔ Robotics
- ✔ Agile Manufacturing
- ✔ Welding Technology
- ✔ Simulation of Welding
- ✔ Friction
- ✔ Stir Welding
- ✔ Material Processing

3 Ph.D. in Electronics and Communication

This program drives the developments in signal processing, communication systems and electronic design. It prepares researchers to contribute to evolving communication and electronic technologies.

Eligibility

Candidate with a 1-year/2-semester master's degree program after a 4-year/8-semester bachelor's degree program or a 2-year/4-semester master's degree program 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 a 10- pointer scale to qualify for the CU-Ph.D. Entrance Test followed by an interview.

OR

A candidate who has completed a 4-year/8-semester bachelor's degree program with a minimum of 75% marks in aggregate or a 7.5 CGPA on a 10-pointer scale qualifies for the CU-Ph.D. Entrance Test followed by an interview.

Research Domains

- ✔ AI-Driven Semiconductor Solutions for Energy Harvesting
- ✔ Quantum Electronics and AI Integration
- ✔ AI-Optimised 2D Materials and Nanotechnology
- ✔ 6G infrastructure: Smart antenna and photonic devices
- ✔ Emerging Nanoscale Devices (e.g., FinFETs, GAAFETs, and Beyond-CMOS Technologies)
- ✔ Analogue, Mixed-Signal
- ✔ RF VLSI Circuits

4 Ph.D. in Civil Engineering

A research-driven program covering structural, geotechnical, environmental, and transportation engineering. Scholars work on sustainable solutions for modern infrastructure challenges.

Research Domains

- ✔ Civil Engineering
- ✔ Geo-Environmental Engineering Practices
- ✔ Waste Management
- ✔ Environmental Pollution (Soil, Water and Air)
- ✔ Concrete Waste Material 3D Printing
- ✔ Concrete Green and Sustainable Concrete

Eligibility

Candidate with a 1-year/2-semester master's degree program after a 4-year/8-semester bachelor's degree program or a 2-year/4-semester master's degree program 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 a 10- pointer scale to qualify for the CU-Ph.D. Entrance Test followed by an interview.

OR

A candidate who has completed a 4-year/8-semester bachelor's degree program with a minimum of 75% marks in aggregate or a 7.5 CGPA on a 10-pointer scale qualifies for the CU-Ph.D. Entrance Test followed by an interview.

School of Computing

Program Offered

Ph.D. in Computer Applications

A research program focused on software development, information systems, and computational techniques. Scholars work on solutions that enhance digital tools and applications.

Eligibility

Candidates with a 2-year/ 4-semester master's degree after a 3-year bachelor's degree, or a 1-year/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.

Research Domains

- ✔ Artificial Intelligence & Machine Learning
- ✔ Data Science & Analytics
- ✔ Cybersecurity and Privacy
- ✔ Cloud, Edge & Distributed Computing
- ✔ Internet of Things (IoT) and Cyber-Physical Systems
- ✔ Computer Vision and Multimedia Processing
- ✔ Natural Language Processing
- ✔ Software Engineering and Programming Languages
- ✔ Human-Computer Interaction (HCI)
- ✔ Networks and Distributed Systems
- ✔ Theoretical Computer Science & Algorithms
- ✔ Emerging Technologies (e.g., Quantum Computing)
- ✔ Digital Twins, Green Computing

School of Pharmacy

Program Offered

Ph.D. in Pharmacy

This program supports the development of research in drug development, pharmacology and pharmaceutical sciences. Scholars contribute to innovations that improve healthcare and therapeutic practices.

Eligibility

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.

Research Domains

- ✔ Neuroscience
- ✔ Endocrine Disorders
- ✔ Hepatological Disorders
- ✔ Infectious Diseases
- ✔ Pain Management
- ✔ Skin Diseases
- ✔ Animal Model Development
- ✔ Pharmacoepidemiology
- ✔ Computational Biology
- ✔ Synthetic Chemistry
- ✔ Computation Chemistry
- ✔ Experimental Chemistry
- ✔ Library Synthesis
- ✔ Design and development of a new pharmacologically active scaffold. Pharmacognosy & Phytochemistry
- ✔ Bioassay-guided fractionation and isolation of phytoconstituents
- ✔ Standardisation of herbals extracts and formulations
- ✔ Development of marker-based standardisation protocols
- ✔ Ethnopharmacological research
- ✔ Natural product drug discovery
- ✔ Evidence-based validation of traditional formulations (e.g., Ayurveda)
- ✔ Development of phytopharmaceuticals and nutraceuticals
- ✔ Advanced metabolomic profiling of plant extracts using LC-MS/MS, GC-MS, etc
- ✔ Extraction, phytochemical profiling and pharmacological research on essential oils

School of Applied Sciences

Programs Offered

1 Ph.D. in Biotechnology

The program is specialised in high-technological biological systems and bioprocesses. It educates scholars to address challenges in healthcare, agriculture, and environmental sustainability.

Eligibility

Candidate with a master's degree in life science/agriculture/pharmacy/veterinary/medicine (MBBS)/medical lab technology/food technology/nursing or its equivalent 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 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.

Research Domains

- ✔ Genome Engineering
- ✔ Plant Biotechnology
- ✔ Biofilm Technology
- ✔ Fungal Biofertilizers/ Biopesticides, Mushroom Biodegradables
- ✔ Bioremediation Techniques
- ✔ Algae-based Food Formulation
- ✔ Sustainable Biofertilizer production using Microbial Strains
- ✔ Genetic Research
- ✔ Stem-Cell Research
- ✔ Environmental Biotechnology
- ✔ Immunology
- ✔ Forensics
- ✔ Pharmacology
- ✔ Bioinformatics
- ✔ Biochemical and Biological Processes

2 Ph.D. in Data Sciences

The focus of this research program is based on data modelling, analytics, and computational methods. It trains scholars to create new solutions based on data-driven ideas.

Research Domains

- ✔ Healthcare & Bioinformatics
- ✔ Explainable & Responsible AI
- ✔ Predictive Analytics & Forecasting
- ✔ Natural Language Processing (NLP)
- ✔ Computer Vision & Image Analytics
- ✔ Anomaly Detection & Fraud Analytics
- ✔ Machine Learning

3 Ph.D. in Forensic Science

A research-oriented program focusing on scientific methods used in crime investigation. It trains specialists in evidence analysis, criminology, and forensic technologies.

Research Domains

- ✔ Forensic Biology & Serology
- ✔ Forensic Chemistry
- ✔ Forensic Toxicology
- ✔ Forensic Ballistics & Explosives
- ✔ Questioned Document Examination
- ✔ Fingerprint Examination
- ✔ Criminalistics, Forensic Psychology
- ✔ Deep Fakes Detection Audio & Video Forensics
- ✔ Cyber Security & Digital Forensics

Eligibility

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, or Arms and Ammunition 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 the GPAT/UGC/CSIR/NET/CU-Ph.D. entrance test or equivalent qualification.

School of Basic Sciences

Programs Offered

1 Ph.D. in Mathematics

Focused on pure and applied mathematical concepts, this program builds strong theoretical foundations. Scholars do high-level research across diverse mathematical disciplines.

Research Domains

- ✔ Harmonic Analysis
- ✔ Microlocal Analysis
- ✔ Pseudo-differential Operators
- ✔ Applications of Sobolev-type spaces in PDEs
- ✔ Wavelet Analysis and Applications
- ✔ Fluid Dynamics, Mathematical Modelling
- ✔ Graph Theory
- ✔ Mathematical Biology
- ✔ Nonlinear Dynamics
- ✔ Machine Learning Models
- ✔ Deep Learning Models
- ✔ Stochastic Modelling

2 Ph.D. in Physics

A high-impact program exploring the principles of matter, energy, and the universe. Advanced research is carried out by researchers in theoretical, experimental, and applied physics.

Research Domains

- ✔ High-Pressure Physics
- ✔ Nanoscale Behaviour of Material
- ✔ Materials under Extreme Conditions
- ✔ Computational Materials Science
- ✔ Materials Science (Experimental)
- ✔ Nanomaterials, Functional Materials
- ✔ Applied Physics
- ✔ Computational Physics

3 Ph.D. in Chemistry

This program offers in-depth research in organic, inorganic, physical, and analytical chemistry. Researchers strive to make new discoveries that liberate science, industry and the environment.

Research Domains

- ✔ Inorganic and Organic Compounds
- ✔ Biomedical Applications
- ✔ Advanced Functional Materials
- ✔ Nanomaterial
- ✔ Porphyrinoid Chemistry
- ✔ Bioinorganic Chemistry Material Science

Eligibility

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.

School of Liberal Arts & Behavioural Sciences

Programs Offered

1 Ph.D. in Sociology

This program investigates social structures, cultural dynamics, and human interactions. Researchers study social problems in order to facilitate the development of society.

Research Domains

- ✔ Sociological Theories and Concepts
- ✔ Sociology of Education
- ✔ AI in Sociology
- ✔ Social Work

2 Ph.D. in Political Science

A research-oriented program examining political systems, governance, and public policy. It promotes critical analysis of political behaviour, institutions, and global affairs.

Research Domains

- ✔ India-China Relations
- ✔ Hydro Politics
- ✔ International Relations
- ✔ AI in Political Science

3 Ph.D. in Liberal Arts

An interdisciplinary program that promotes critical inquiry across humanities and social sciences. It nurtures independent thinkers who contribute fresh perspectives to contemporary issues.

Research Domains

- ✔ Cultural Studies
- ✔ Environmental Humanities
- ✔ Interdisciplinary Topics
- ✔ Social Psychology
- ✔ Postcolonial Theory
- ✔ Indian Writing in English
- ✔ English Linguistics & Applied Linguistics
- ✔ AI in Language

4 Ph.D. in Psychology

This research program goes into the depth of human behaviour, cognition, and mental processes. It educates scholars to conduct impactful research in clinical, cognitive, and social psychology.

Research Domains

- ✔ Clinical Psychology
- ✔ Organisational Behaviour
- ✔ Integral Psychology
- ✔ Health Psychology
- ✔ Child and Adolescent Psychology

Eligibility

Candidate with a Master's degree in relevant subjects as given upper program, 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.

School of Media Studies

Program Offered

Ph.D. in Mass Communication

A research-based program exploring media systems, journalism, and communication practices. It prepares scholars to study and learn the impact of media on society and culture.

Eligibility

Candidate with a master's degree in journalism and mass communication or a PG in relevant subjects as given in the above program, 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/NET/GATE-NET, CU-Ph.D. Entrance Test, or an equivalent qualification tenable for the current year in the relevant area.

Research Domains

- ✔ Film Studies
- ✔ Communication and Transfer of Technology
- ✔ Communication Models in Agriculture
- ✔ Media Strategies for Technology Dissemination
- ✔ Digital Media and AI
- ✔ Print Media

School of Business

Program Offered

Ph.D. in Management

This is an advanced program that is concerned with strategic thinking, organisational behaviour and business innovation.

Researchers develop insights that contribute to industry leadership and academic scholarship.

Research Domains

- ✔ Psychological Well-Being
- ✔ Behavioural Finance
- ✔ Employee Workplace Behaviour
- ✔ Ethics and Morality in Business
- ✔ Human Well-being and Development
- ✔ Cultural Diversity and Universalism
- ✔ Social Justice and Equality
- ✔ Spirituality and Human Values
- ✔ Value-Based Education
- ✔ Environmental Ethics
- ✔ Sustainable Finance
- ✔ Financial Literacy
- ✔ Behavioural Acceptance of FinTech Innovation
- ✔ Corporate Social Responsibility on Quality Firm Attainment
- ✔ Predictability of Stock Price Movements
- ✔ Entrepreneurship and Innovation
- ✔ ESG, Public Policy
- ✔ Digital Entrepreneurship
- ✔ Big Data Analytics
- ✔ Innovation
- ✔ AI-Based Gig Economy
- ✔ SHRM and Talent Management
- ✔ Labor Economics
- ✔ Human Capital
- ✔ Small Industry Firms
- ✔ Green and Sustainable Marketing
- ✔ Application of AI in Business
- ✔ Artificial Intelligence & Sustainability
- ✔ Environment, Sustainable Business
- ✔ Strategic Governance
- ✔ Media Innovations
- ✔ Communication Analytics
- ✔ Consumer Behaviour
- ✔ International Relations
- ✔ Influencer Marketing
- ✔ FinTech and Banking
- ✔ Sustainability and Consumer Behaviour
- ✔ Business Analytics

Eligibility

MBA/M.Com. degree or any degree in HRM/Finance dual 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.

School of Commerce

Program Offered

Ph.D. in Commerce

A specialised program examining trade, finance, business practices, and economic systems. It trains the specialists to create meaningful research on corporate and financial fields.

Research Domains

- ✓ Commerce
- ✓ Accounting
- ✓ Business Commerce
- ✓ AI in Accounting
- ✓ Data Science and AI in Business
- ✓ Ethical Finance
- ✓ Expectations in Finance and Crowd Funding
- ✓ P2P Lending
- ✓ Emerging Startups
- ✓ Macroeconomics: Micro-foundations and Macro implications
- ✓ Roboadvisory
- ✓ Cost Accounting
- ✓ Taxation

- ✓ GST
- ✓ Managerial Accounting
- ✓ Corporate fixation
- ✓ Auditing
- ✓ Investment Analysis
- ✓ Financial Markets and Institutions
- ✓ FinTech AI-driven Financial Market
- ✓ Risk Insurance
- ✓ Banking
- ✓ Digital Banking
- ✓ Climate Finance
- ✓ Stock Market
- ✓ Investment Analysis
- ✓ Financial Report Behavioural Finance
- ✓ Blockchain Technology in Accounting
- ✓ AI in Accounting

Eligibility

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.

School of Legal Studies

Program Offered

Ph.D. in Law

A scholarly program that examines legal systems, jurisprudence, and contemporary legal challenges. It builds researchers capable of shaping legal scholarship and policy.

Eligibility

Candidate with a master's degree in law (LLM) or integrated LLB-LLM subjects as given in the above program, 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.

Research Domains

- ✓ Constitutional Law
- ✓ Cyber Law
- ✓ Family Law
- ✓ Environmental Law
- ✓ Refugee Law
- ✓ Criminal Law
- ✓ Insolvency Law
- ✓ Competition Law
- ✓ Regulation of AI/Robotics
- ✓ Corporate Law
- ✓ IPR

School-wise Fee Structure and Program Code for Online Application

Sr No.	Program Code	Program Name	Duration In Year	Fee Per Semester For Domestic Students (INR) 2025	SAARC (INR)	Non-SAARC (USD)
1	LBT401	Doctor of Philosophy - Biotechnology	3	54000	109000	2500
2	LDS401	Doctor of Philosophy - Data Sciences	3	54000	109000	2500
3	LFS401	Doctor of Philosophy - Forensic Science	3	54000	109000	2500
4	LCH401	Doctor of Philosophy - Chemistry	3	54000	109000	2500
5	LMT401	Doctor of Philosophy - Mathematics	3	54000	109000	2500
6	LPY401	Doctor of Philosophy - Physics	3	54000	109000	2500
7	LMA401	Doctor of Philosophy - Management	3	54000	109000	2500
8	LCO401	Doctor of Philosophy - Commerce	3	54000	109000	2500
9	LCS401	Doctor of Philosophy - Computer Science	3	65000	109000	2500
10	LCA401	Doctor of Philosophy - Computer Applications	3	54000	109000	2500
11	LCE401	Doctor of Philosophy - Civil Engineering	3	61000	109000	2500
12	LEE401	Doctor of Philosophy - Electrical Engineering	3	61000	109000	2500
13	LEC401	Doctor of Philosophy - Electronics & Communication	3	54000	109000	2500
14	LME401	Doctor of Philosophy - Mechanical	3	54000	109000	2500
15	LLA401	Doctor of Philosophy - Law	3	65000	109000	2500
16	LLI401	Doctor of Philosophy - Liberal Arts	3	54000	109000	2500
17	LPO401	Doctor of Philosophy - Political Science	3	54000	109000	2500
18	LPS401	Doctor of Philosophy - Psychology	3	54000	109000	2500
19	LSO401	Doctor of Philosophy - Sociology	3	54000	109000	2500
20	LMC401	Doctor of Philosophy - Mass Communication	3	54000	109000	2500
21	LPH401	Doctor of Philosophy - Pharmacy	3	65000	109000	2500

Category of Ph.D. Scholars

Applicants for admission to the Ph.D. program shall be classified under any of the following categories, which will be decided and recommended by the Departmental Research Committee (DRC).

Full-time Research Scholar

- University-Sponsored (With Stipend)
- Self-Sponsored (Without Stipend)
- Externally Funded Research Scholar
- Fellowship on the Merit Basis
- Foreign Nationals
- Project Funded



Part-Time Research Scholars

- Internal
- External

CU employees who apply for the Ph.D. program will be considered as Part-time Scholars. Additionally, they must submit a 'No Objection Certificate' from the appropriate authority in the university stating that:

- The candidate is permitted to pursue studies on a part-time basis.
- His/Her official duties permit him/her to devote sufficient time for the research.
- If required, he/she will be relieved from the duty to complete the coursework and research.
- He/She would have to avail himself/herself of his/her own personal leave from the respective department/workplace in the university for the Ph.D. coursework and research.

For candidates applying for the part-time mode of the Ph.D. program, it is mandatory that any external candidate who is employed with an institution/organisation must submit a 'No Objection Certificate (NOC)' from the competent authority of their organisation before joining the program.

The NOC must explicitly state the following:

- The candidate is permitted to pursue Ph.D. studies on a part-time basis.
- The candidate's official duties allow sufficient time to engage in research activities.
- If required, the candidate will be relieved from official duties to complete the coursework and research requirements of the program.

Candidates who have obtained their master's degree from a foreign university are required to submit an Equivalence Certificate issued by the Association of Indian Universities (AIU) at the time of physical document verification. Foreign nationals are required to follow the norms and procedures prescribed by the Government of India/the University Grants Commission, or any other authorised bodies, as well as the guidelines for the admission of international candidates at Chandigarh University, Uttar Pradesh.

Eligibility Criteria

An applicant belonging to the part-time research scholar category should possess the following minimum qualifications in the appropriate areas to be eligible to apply for the Ph.D. Program of the University:

01 Candidates for the Ph.D. Program shall have 55 percent marks in the master's degree for admission in Basic and Applied Science, Business and Commerce, Humanities and Liberal Arts, and Legal Studies.

03 It is desirable that the applicants who possess the minimum prescribed qualifications for admission to the Ph.D. Program should have an excellent academic/professional track record in the relevant discipline.

02 However, candidates applying for the remaining master's programs, must have 60 percent marks (Civil Engineering, Computer Science & Computer Applications, Electrical Engineering, Electronics & Communication Engineering, Mechanical Engineering, and Pharmaceutical Sciences and Forensic Science).

04 A relaxation of five percent in the minimum eligibility is provided to the students of the SC/ST category.

Note: Candidates with valid M.Phil/NET/JRF/SLET/GATE/GPAT scores are exempted from the written test.

Pattern of Entrance Examination

Mode of Examination: Online Mode

Pattern of Entrance Examination: MCQ-Based

Date of the Examination: 11th January, 2026 (Sunday)

Duration of the Examination: Two hours (10:00 AM to 12:00 Noon)

Answers to the Multiple Choice Questions (MCQ) should be marked by the candidate using a black ink ballpoint pen only.

The language of the question paper will be English only.

There is no penalty (negative marking) for a wrong answer marked by the candidate.

Personal Interaction and Interview

The Personal Interaction and Interview shall consider the following aspects, viz., whether:

- The candidate possesses the competence for the proposed research.
- The research work can be suitably undertaken at the institution/college.
- The proposed area of research can contribute to new/additional knowledge.

The assessment of the Ph.D. candidates in personal interaction and interview shall be on the basis of the following criteria:

- Presentation (15 marks)
- Knowledge (20 marks)
- Aptitude for Research (15 marks)

The presentation should be based on the proposed Ph.D. research work, which could be undertaken by the candidate after completion of the admission process.

Examination	Marks	Syllabus	Duration	Timings
MCQ-Based Entrance Examination	100	The Question paper will comprise of Multiple-Choice Questions (MCQ) of two sections: Research Methodology (50%) and Subject Specific (50%) (as per CU syllabus)	2 Hours	10:00 AM To 12:00 Noon
The MCQ-Based Entrance Examination shall be qualifying in nature, with a minimum qualifying score of 50%				
Personal Interaction and Interview	50	Qualified candidates are required to discuss their proposed area of research in the form of PPT, before duly constituted Research Advisory Committee (RAC)	30 Minutes	The date for personal interaction and interview will be intimated only to the candidates who qualify in the Written Entrance Examination

- The candidate shall be considered eligible for admission to the Ph.D. Program of the University if they secure a minimum of 50 percent marks in both the Entrance Examination and the Personal Interaction/Interview separately.
- The Final Merit List shall be prepared by assigning a weightage of 70 percent to the MCQ-Based Entrance Examination and 30 percent to the performance in the Personal Interaction and Interview.
- The minimum eligibility criteria specified for each program shall be treated as an Enabling Clause only. Admission to the Ph.D. program is subject to verification of the candidate's eligibility, availability of seats, supervisors/co-supervisors, and fulfillment of any other criteria as may be prescribed by the university from time to time.
- The Ph.D. Program shall include a common coursework component of six months (one semester) for all Ph.D. candidates, which must be mandatorily completed and passed within a maximum of two attempts.
- A relaxation of 5 percent marks in the entrance examination shall be granted to candidates belonging to SC/ST/OBC (non-creamy layer)/differently abled, economically weaker sections (EWS), and other categories, as per the guidelines and decisions of the UGC from time to time.

Note: UGC/CSIR-NET/SLET/GATE/GPAT/M.Phil qualified candidates are exempted from the written entrance examination. However, they will have to appear for personal interaction and an interview as notified. Such candidates are required to obtain 50 percent marks in the personal interaction and interview to qualify for admission. The UGC/CSIR NET/SLET/GATE/GPAT/M.Phil. etc. certificate shall be deemed valid for three (3) years from the date of declaration of the result or issue of certificates.

Admission Process

The applicant must qualify for the Ph.D. Entrance Test, the Chandigarh University Research Aptitude Test (CURAT), conducted by the university or central bodies such as UGC/CSIR. The respective Departmental Research Committee will interview the qualified applicant.

Application Fee

The Application Fee (non-refundable) for a Ph.D. is ₹1,100/- for all candidates. Candidates can apply online through the Website. The candidates can deposit the requisite application fee using net banking, debit card, or credit card. The payment will not be accepted through any other method. The candidate can opt for more than one department; in that case, the application fee should be paid in accordance with the number of departments. A hard copy of the application is not required to be submitted.

Financial Assistantship

A financial assistantship of ₹35,000/- per month will be awarded to a deserving full-time Ph.D. scholar. For more information, please visit the scholarship website.

Website Link: www.culko.in/phd-admissions

Important Dates

Starting Date for Online Application Form:
28th November, 2025 (Friday)

Last Date of Application:
2nd January, 2026 (Friday)

Date of Entrance Test:
11th January, 2026 (Sunday)

Declaration of Result:
15th January, 2026 (Thursday)

Interview:
**20th–21st January, 2026
(Tuesday and Wednesday)**

Final Merit List:
24th January, 2026 (Saturday)

Admission Notification:
30th January, 2026 (Friday)



REGIONAL ADMISSION CENTERS

LUCKNOW

Chandigarh University Office No. 1202,
12th Floor, Summit Building, Vibhuti
Khand, Gomti Nagar, Lucknow – 226010
+91 7753050168

VARANASI

Chandigarh University, Shop No- 15, 2nd
Floor, BC Tower, Near Sajan Cinema,
Sigra, Varanasi, UP - 221001
+91 98759-22535

CHANDIGARH

SCO 119-120 First Floor, Sector 43 B
Chandigarh - 160036
+91 9915999223, +91 81466-51550

AHMEDABAD

Office No 142,143 Satyam Mall, Jodhpur
Char Rasta, Satellite -Ahmedabad,
Gujarat - 380015
+91 73470-02618

AMRITSAR

SCO 93 District Shopping Complex, 4th
Floor Signature Tower, Near Bloom Hotel,
Ranjit Avenue B Block, Amritsar, Punjab
-143001
+91 75270-30533, +91 81466-51665

BATHINDA

2nd Floor, Inder Singh Tower, Ghore
Wala Chowk, Corner of Ajit Road-
Bathinda, Punjab - 151001
+91 81466-76296

BHUBANESWAR

Ground Floor, Plot No 357/3473 &
358/3474 Biju Pattnaik College Road,
Jaydeb vihar, Bhubaneswar, Odisha -
751012
+91 81143-77227

DEHRADUN

Shiva Palace, Office no. 20-21-22, 2nd
Floor, 57/19, Rajpur Road, Opposite
Secretariat, Dehradun, Uttarakhand -
248001
+91 87555-57959

DELHI

9F, 9th Floor, Gopala Tower, Rajendra
Place- 110008, New Delhi
+91 96500-12670

GUWAHATI

#401, 4th Floor, Royal Centre, Ulubari,
Guwahati, Assam, 781007
+91 70871-17946

HAMIRPUR

City Tower, Floor no.1, F.F., Near Canara Bank,
Hamirpur (HP) - 177001, +91 9115888903

HISAR

DSS 114 .1st Floor, Green square market, Hisar,
Haryana, 125001,
+91 82880-94329

HYDERABAD

6-3-887, 2nd Floor, MCP Arcade, Raj Bhavan
Road, Durganagar Colony, Somajiguda,
Hyderabad, Andhra Pradesh - 500082
+91 75270-09647

INDORE

308, Shekhar Central, Palasia Square, Indore
(M.P.) 452001,
+91 91110-19091, +91 96305-42882

JAIPUR

Plot No. 501, 3rd Floor, Surya Nagar, Gopalpura
Bypass Road, Jaipur, Rajasthan - 302018,
+91 75270-09620

JAMMU

111 A1 First Floor North block Bahu Plaza,
Jammu & Kashmir - 180012,
+91 9419221148

KARNAL

SCO 357, 1st floor, Mugal Canal, Opp. Madraasi
Dosa, Karnal, Haryana - 132001
+91 96716-66126

KOCHI

27/167-A7, Padath Building, INTUC Junction,
Ambalakkadavu Road,
Nettoor, Kochi, Ernakulam, Kerala - 682040
+91 75270-03453

KOLKATA

Ergo Tower-A-1/4; block EP & GP
Block, Room No-1602A, 16th
Floor, Saltlake Sector 5, Kolkata, West Bengal
700091, +91 98306-67988

LUDHIANA

Building number - 17 AX, 2nd Floor,
Guru Nanak Tower, Near Baba Deep Singh
Gurudwara, Model Town Extension, Ludhiana,
Punjab - 141003, +91 81466-51541

PALAMPUR

Shop No 1, Destination mall, opposite to
Yamini hotel, Ghuggar, Palampur, HP - 176061
+91 81466-51519

PATNA

Chandigarh University Office, Ground Floor,
Sudama Bhawan, In Front of AMS Park, Heera
Panna Jeweller, Boring Road Choraha, Patna,
Bihar - 800001
+91 95070-02233

RAIPUR

3rd Floor, Dinesh Kanti Complex, MIG 54,
Sector-1, Shankar Nagar, Turning Point
Square, Raipur, Chhattisgarh - 492001
+91 97555-58676

RANCHI

3rd Floor, Sai Mansion Opposite Panchsheel
Apartment, opposite Bit Extension, Usha Rani
Lane, Lalpur, Ranchi, Jharkhand - 834001
+91 98759-49731

SAHARANPUR

FF-3B, 2nd Floor, Court Road, Parsavnath
Plaza, Saharanpur (UP) - 247001
+91 94127-42492

SHIMLA

Office No, R2, BLOCK A Top Floor Mapple Hill
Plaza Near Apple Mandi Bhattakuffar Shimla
HP - 171006
+91 81466-51643

SUNDERNAGAR

CU Office 1st Floor, Opposite Canara Bank,
Near Cinema Chowk, Sundernagar, Distt
Mandi (HP) - 175002, +91 7527028018

VIJAYAWADA

Dr. No : 45-1-81, 2nd Floor,
Padavalarevu, Opposite HCG City Cancer
Center, Eluru Road, Vijayawada, Andhra
Pradesh - 520004
+91 75270-09636

📍 Chandigarh University, Lucknow-Kanpur Highway-27, Unnao, Uttar Pradesh

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☎ Toll Free No. 1800-270-1411

