Discover
DIMENSIONS OF ENGINEERING
Through
Scholarly Research

Pursue

Master of Engineering +
Doctor of Philosophy in
Computer Science Engineering

(M.E.+ Ph.D.CSE)

CHANDIGARH UNIVERSITY

A Truly World-class Institution

Chandigarh University is a leading Indian institution offering its students a unique amalgamation of professional and academic excellence. We have been ranked 1st among the private universities in India as per the QS World University Rankings 2024 and have also been bestowed with A+ accreditation by the National Assessment and Accreditation Council in the first cycle itself. We are also ranked amongst the top 30 universities in the NIRF Rankings 2023 released by the Ministry of Education, Government of India.Located in the vicinity of the City Beautiful in India, Chandigarh University has a sprawling 200-acre smart campus with world-class infrastructure and facilities.

Home to students from all 28 Indian states, its 8 Union Territories, and 54 countries around the world, CU has transformed into a unique learning universe that amalgamates the spirit of multiculturalism, diverse ethnicities, and hallowed traditions from across the world.The University provides a global perspective to facilitate students with international learning opportunities through partnerships with more than 460+ top-ranked universities in 90 countries.

Awards & Rankings

RANKED 1ST AMONG PRIVATE UNIVERSITIES in India

AMONG WORLD'S TOP 500 UNIVERSITIES
(Hospitality & Leisure Management #1, Computer Science & Information Systems #10, Engineering & Technology #11, Engineering-Mechanical, Aeronautical & Manufacturing #12, Business & Management Studies #16)

BESTOWED WITH A+ ACCREDITATION BY NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL (NAAC) in the first cycle

RANKED #27 AMONGST TOP UNIVERSITIES IN INDIA
(Overall #45, Engg. #38, Mgmt. #36, Pharmacy #34, Architecture #15)

ONLY PRIVATE UNIVERSITY IN PUNJAB to be accredited by NBA for Engineering and MBA programs

RANKED NO. 1 IN INDIA FOR FILING HIGHEST NUMBER OF PATENTS in the year 2021-22

Recognitions, Accreditations & Memberships

International Memberships

Integrated Master of Engineering + Doctor of Philosophy in Computer Science Engineering **(M.E.+ Ph.D.CSE)**

The (M.E.+ Ph.D.CSE) integrated program enables students to understand the principles and practises of science and technology, attain problem-solving skills, and constantly learn multidisciplinary concepts.

At Chandigarh University, students benefit from the combination of a high academic standard and cutting-edge technology. The distinctive feature of this dual degree programme is to provide hands-on experience to the students and give them a definitive edge to build a rewarding career in diverse fields.

Eligibility Criteria for Admission

B.E./B.TECH (CSE/IT/ECE) /M.C.A./M.Sc. (Computer Science/ Information Technology/ Electronics/ Information Science/ Operation Research and Statistics) or equivalent degree from recognized University/Institute/College with minimum 55% as aggregate for general category students and with minimum 50% as aggregate for SC/ST & Disabled students.

Students who have more than 60 credits in their M.E. CSE can directly enroll in PhD CSE

Course Duration (M.E.+ Ph.D.CSE)

Minimum 5 years. For the first 2 years, the course curriculum is inclined towards an M.E. degree, followed by research work of a minimum of 3 years for the Ph.D.

Teaching Assistantship :

Teaching Assistantship (T.A.) will start in the 2nd Year for the candidates who secured more than 7.5 CGPA in 1st Year.

2ND YEAR	3RD YEAR	4TH YEAR
@ Rs. 12000 p.m.	**@ Rs. 16000 p.m.**	**@ Rs. 20000 p.m.**

5TH YEAR
@ Rs. 24000 p.m.

Course Duration (M.E.+ Ph.D.CSE)

A candidate who has completed M.E. 1st year (non-integrated) and has cleared GATE will have the privilege to opt for M.E. + Ph.D. CSE integrated in the 2nd year.

M.E. Project vis-a-vis Ph.D. Project

The projects/dissertation undertaken by the students during M.E. and Ph.D. CSE can be from the same research domain.

Advantages

of Master of Engineering + Doctor of Philosophy in Computer Science Engineering **(M.E.+ Ph.D.CSE)**

1 **Integrated Program make graduates stand out in competitive global job market**

2 **Opportunity to make significant contributions to knowledge and society**

3 **Encourage critical thinking, and a strong sense of curiosity and lifelong learning**

4 **Save time and the hassles of applying for a dual degree separately**

5 **Higher earning potential for advance degree holders**

Scope of the Integrated Program

1.   Academia: Pursue a career as a professor or researcher at universities or research institutions. You can get the opportunity to teach and mentor students. By conducting advanced research, you can also contribute to the advancement of knowledge in the field.

2.   Research and Development (R&D): Large technology companies and industrial research labs often employ researchers with Ph.D. degrees. Work on exploring new technologies, conducting applied research, and developing prototypes of several systems.

3.   Government and Public Sector: Government agencies, national laboratories, and research institutions employ researchers. You can work on projects related to national security, public infrastructure, policy-making, and technology development.

4.   Consulting and Advisory Roles: Companies often seek the expertise of PhD holders for consulting and advisory roles. You can provide guidance on technology adoption, system architecture, algorithm design, and emerging trends to help organizations make informed decisions

Why join a **Master of Engineering + Doctor of Philosophy in Computer Science Engineering (M.E.+ Ph.D.CSE)** at CU?

- Globally Comparable & Industry-Oriented Curriculum with one-year course work followed by choice of Industry Internship or Research Work

- International Tie-ups with 460+ Universities across 90 Countries; conducting International Articulation Programs at world's top-Ranked Universities

- Students gain real-world experience working on government research projects from agencies such as DST, MHRD, DBT, CSIR and UGC, as part of the instructional curriculum.

- EARN WHILE LEARN option for the students

- Workshops/trainings by Qualified Technical Experts for GATE/PSUs/Government Jobs Exams

- Benefit from extensive research opportunities with an on-campus University Centre for Research and Development and 30+ industry-established R & D Labs

- Entrepreneurship is facilitated by a Technology Business Incubator

- Financial assistantship for research publications

- Excellent Internship Opportunities and Placements with Global Tech Giants

Industry **Sponsored Labs**

Microsoft · IBM · UNISYS · virtusa

Leading **Industry Partners**

Equip students with essential skills to succeed in life.

NPTEL · coursera · LinkedIn

Industry Collaboration For **Conducting Hackatons/ Competitions/Curriculum Design**

CODECHEF — We conduct regular Competitions, Course Certifications, Guest lectures & Workshops for our students in collaboration with CODECHEF.

Birlasoft® — The following activities are done in collaboration with Birlasoft: Competitions, Course Certifications, Curriculum Integration, FDP Guest Lecture, Workshop.

Persistent — We invite officials from Persistent Systems for Board of Studies (Curriculum Design), Collaborative Projects/Paper & Executive Program.

Z — We conduct regular Guest Lectures & Workshops for students in collaboration with IBM Z

Capgemini — We invite officials from Capgemini for the Board of Studies (Curriculum Design), Collaborative Projects/Paper & Executive Program & Curriculum Integration.

Professional Body Membership

IEEE Computational Intelligence Society Thailand Chapter

IEEE COMPUTER SOCIETY

IEEE Women in Engineering WIE

Research Areas

Machine Learning

Block chain Technology

Wireless Sensor Networks

FANETs

Big Data in HealthCare

Deep Learning

Research Publications and Patents

800+
Research
Publications

426
Patents
Filed

258
Patents
Published

Top Global Recruiters

Google   IBM   HCL   DELL   intel.

salesforce   Walmart   cognizant   Coforge   Deloitte.

COMMSCOPE   BANK OF AMERICA   Qualcomm   PHILIPS

M.E Placement Highlights

200+ Companies Visited

42 LPA Highest Package Offered

1.10 LPM Highest Stipend

8 LPA Average Package

Shining Stars

I pursued Master of Engineering (M.E.) in computer science at Chandigarh University with the wish of shaping up my career and getting a job at one of the top-notch companies. There were a plethora of choices for elective subjects, and a dedicated faculty ensured that I got the optimum learning experience during my studies. I am extremely delighted that I have been placed at a prominent company like Qualcomm, and I owe my success to Chandigarh University.

Divyanshi Sood
Placed in **Qualcomm India pvt Ltd**
Package **29.16 LPA**

Qualcomm

I'm very grateful to Chandigarh university for providing me a tremendous career building platform. Department of career development played a very crucial role throughout the journey. Chandigarh university helped me in my personal as well as professional growth. Working in industry-collaborated laboratory is one unique experience. It makes for a memorable learning when you get to experiment on latest machines. The faculty here are very supportive and helpful and above all they have loads of experience and knowledge which they are quite happy to share with us. I am proud to be a part of CU family.

Royal Kaushal
Placed in **intel**
Package **18 LPA**

intel.

Scholarships

- The Teaching Assistance Honorarium, Amounting to Rs 21600, reflects the significance of one's contribution to the discipline of Computer Science and Engineering.

- 20% Early Bird Scholarship will be given to the students who have completed Bachelor's degree from Chandigarh University or Chandigarh Group of Colleges.

- 15% Early Bird Scholarship will be given to the students who have completed Bachelor's degree from other Universities

- Under "EARN WHILE LEARN" Policy, Master of Engineering Students will be given a stipend of Rs 5000/- per Month.

CHANDIGARH UNIVERSITY
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Discover. Learn. Empower.

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