



**CHANDIGARH
UNIVERSITY**

Discover. Learn. Empower.

**NAAC
GRADE A+**
ACCREDITED UNIVERSITY

**STEP INSIDE THE
WORLD OF POSSIBILITIES
PURSUE MASTERS IN CSE**



**COMPUTER SCIENCE
& ENGINEERING**



**Build A Strong
Foundation In
Multidisciplinary
Areas of Computer
Science With
Our New-Age
Programs**

The Department of Computer Science & Engineering (CSE) is the biggest department of the Chandigarh University offering Bachelors, Masters, and Philosophy in Doctorate degrees in Computer Science Engineering. The department has created a rich legacy of alumni, who have excelled in various fields ranging from academics to project management. It fulfills the requirement of acquisition of various skills by a well-designed curriculum, taking into consideration global problems through practical training, project work, industrial visits, guest lectures and exposure to recent changing technological trends in the industry.

Our Spectrum of Offerings

Master of Engineering in Computer Science & Engineering (M.E. CSE)

Students in the master's program are imparted with the new-age as well as core skills of computer science that help them critically analyze and adapt to the modern, sophisticated technological trends prevailing in this ever-growing discipline.

Eligibility: Bachelor Degree in the relevant field or equivalent with at least 55% marks (50% in case of candidates belonging to SC/ST category) in the qualifying examination.

Duration: 2 Years Course (4 Semesters)

Computer Science Engineering: One of the most rewarding fields!

- With every business and organization going digital, the IT sector today is a booming field as compared to other sectors and there is a huge demand of Computer Science Engineers and programmers.
- Companies like Microsoft and Google give high value to Masters Candidates.

Master of Engineering in Computer Science (with Specialization in Artificial Intelligence)

Master of Engineering in Computer Science & Engineering with specialization in Artificial Intelligence (M.E. CSE – AI)

Artificial Intelligence at Chandigarh University presents a solid foundation in the principles and technologies that underlie many facets of AI, including logic, knowledge representation, probabilistic models, and machine learning. It teaches you to

Examine logical and reasoning methods from a computational perspective.

Learn about agent, search, probabilistic models, perception and cognition, and machine learning.

Learn about the state of the art technologies like Deep Learning, Human-Computer Interaction and Augmented Reality

Eligibility: Bachelor Degree in any Engineering background with at least 55% marks (50% in case of candidates belonging to SC/ST category) in the qualifying examination.

Duration: 2 Years Course (4 Semesters)



ME CSE (AI & ML)

Machine learning is an application of Artificial Intelligence (AI) that provides systems the ability to automatically learn and improve from experience without being explicitly programmed. Therefore, Master of Engineering in Computer Science & Engineering with specialization in Artificial Intelligence & Machine Learning is a vast program that along with teaching the concepts of Artificial Intelligence, also teaches the broad concepts of Machine Learning.

Eligibility: Bachelor Degree in the relevant field or equivalent with at least 55% marks (50% in case of candidates belonging to SC/ST category) in the qualifying examination.

Duration: 2 Years Course (4 Semesters)

AI & ML: The field of 21st Century & Beyond!

- According to Gartner report AI will create 2.3 million jobs.
- The global machine learning market is expected to grow from \$1.41B in 2017 to \$8.81B by 2022.
- From 2015 to 2018, job postings for Machine Learning Engineers grew by 334%.
- 75% of Indian companies have already started investing or are going to invest in machine learning and data science.
- Machine Learning Engineers are the highest paid tech professionals behind only Computer Vision Engineers reports Indeed.

Added Advantages You Can Gain:

Integrated Masters and Doctoral program
5 Years ME-PhD Integrated programs with an exit option to earn a Master's Degree after 2 Years

Teaching Assistance:

University paid research/teaching assistantship to meritorious students or GATE qualified students of Masters of Engineering programs & Ph.D integrated program.

Providing The Most Conducive Research Environment

Research Publications

3454

Industry Established Research Labs

21+

Patents Fileds

310+

Startups

65+

Core Research Groups

31+

(Figures from ME Domain, Chandigarh University)

Industry-Sponsored Labs Housed By The Computer Science Engineers

Total No. of Computer Labs in the department: 44

- Microsoft Innovation Center
- Microsoft - Global Technical Support Center (GTSC)
- IBM Software Lab For Emerging Technologies
- Oracle Academy Lab
- Unisys Innovation Labs
- BOT Lab
- HPE Center of Excellence



Learn On Advanced Laboratory Tools & Softwares

MATLAB

LaTeX

Mininet

Ns2

Anaconda

R Software

Weka tool

Simulation of Urban Mobility (SUMO)

Cisco Packet Tracer

Company Details with Package and Internship Offered

S. No	Company Name	Package (In Lacs)	Internship Stipend (Per Month)
1	Amazon Development Centre (India) Pvt. Ltd	30.25	60,000
2	Qualcomm India Private Limited	29.16	45,000
3	Morgan Stanley India Company Pvt. Ltd.	25.33	87,000
4	Walmart Labs	22	90,000
5	Nutanix India Technologies Pvt Ltd.	20	50,000
6	Commvault Systems (India) Pvt. Ltd.	15.5	40,000
7	Cisco Systems India Pvt Ltd.	15	60,000

RECORD BREAKING PLACEMENT NUMBERS

30.25Lpa
Engineering
Highest Package
Offered

550+
Placements
offered

100+
Companies

Top Recruiters Who Visit Us Every Year To Recruit Cse Students Particularly

amazon

Qualcomm

vmware®

Cognizant

NUTANIX

Capgemini

Deloitte.

COMVAULT

Mindtree

ValueLabs

Walmart Labs

Arcesium

& many more..



“

I have been placed in Qualcomm, the world's top mobile chip supplier at a lucrative package of 29 lakhs and I owe my success to CU. The University groomed me to be an industry- ready professional and offered plethora of opportunities in terms of learning, internships, expert interactions, and industry exposure to shape my career

”



“

It was a wonderful experience of pursuing my M.E. in Chandigarh University. I came here with lots of expectations.

I got the opportunity to learn new engineering concepts during the course and also learn from the top Faculties.

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Early Bird Scholarship

To acknowledge the dedication and hard work of the meritorious students who have proved their mettle in graduation, and are still in the race to achieve their dream career, Chandigarh University has come up with an 'Early Bird Scholarship'. The Scholarship will be available to the graduate students for the admission in all the Master's level program of Chandigarh University (excluding MBA), for the 2021-22 session as per the following condition-

• 15 (Fifteen) percent Scholarship to be given to the students who have completed Bachelor's degree from Chandigarh University.

• 10 (Ten) percent Scholarship to the students who have completed their Bachelor's degree from other Universities.

NOTE: The admission process has to be completed before 15th July 2021.

After 15th May 2021, as per previous practice, Scholarship of 10% to our alumni will be continued.

SCHOLARSHIPS