Disclaimer: CGC University, Mohali is an autonomous Institution and is not related with Chandigarh University (CU), in any manner.

CGC UNIVERSITY MOHALI
Shaping Tomorrow, Today

Our Legacy
QS I-GAUGE | nirf | NAAC GRADE A+ | NBA

TechX SCHOOL OF ENGINEERING
Shaping Tomorrow, Today

B.TECH CSE

(ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)

IN ASSOCIATION WITH EY-INDIA

Where Intelligent Technology Meets Industry Excellence

Admission Helpline: **+91 84376 04444**

Program Overview

The **B.Tech in Computer Science & Engineering (Artificial Intelligence & Machine Learning) in association with EY-India** is a cutting-edge program designed to prepare students for the rapidly evolving world of intelligent technologies and automation.

Through live instructor-led sessions, experiential learning, and mentorship from IBM industry experts, students gain deep expertise in **Artificial Intelligence, Machine Learning, Deep Learning, and Advanced Computing,** ensuring strong employability in high-demand global roles.

This program combines core computer science engineering fundamentals with real-world AI and ML applications, empowering students to build scalable, ethical, and innovative intelligent systems for modern industries.

Key Program Highlights

- **Live Instructor-Led Sessions:** Interactive training delivered by EY-certified AI professionals
- **Mentorship from Experts:** Industry mentorship connecting theory with real-world AI practice
- **Experiential Learning:** Hands-on AI/ML labs, live industry projects, and real business case studies
- **Industry Certifications:** Globally recognized certifications in AI, Cloud, and Data Technologies
- **Future-Ready Skills:** Advanced training in Deep Learning, NLP, Computer Vision, and Generative AI
- **High Career Potential:** Access to premium global career opportunities in AI and emerging technologies
- **Placement Preparedness:** Resume building, mock interviews, coding assessments, and portfolio development

Reason to ♥ CGC University, Mohali

Unleash your potential with exceptional career planning and development training, ensuring you're equipped for success in today's competitive world.

NAAC A+ Accreditation, ensures excellence in every aspect of your academic journey

Beyond academics, CGC University, Mohali offers a plethora of extracurricular activities, nurturing holistic development & well-rounded individuals.

Culturally rich campus for mutual learning, with students from various nationalities and backgrounds

Events and workshops prepare students for the world that awaits, instilling confidence and readiness to tackle any challenge head-on.

Step into the real world with hands-on experiences that prepare you for the challenges & opportunities ahead.

Access to a network of 300+ Universities across 70+ Countries, fostering international collaborations and opportunities.

Explore a world of learning with state-of-the-art facilities, where innovation meets education through advanced simulations and technologies

Dive into a dynamic campus life buzzing with energy creativity, and endless possibilities for personal and professional growth.

Career Opportunities

Graduates can pursue roles such as:

- AI / ML Engineer
- Data Scientist
- AI Research Engineer
- Computer Vision Engineer
- NLP Engineer
- Cloud AI Developer

Top Recruiters Include:

EY, Microsoft, Google, Infosys, pwc, Deloitte., KPMG, amazon, accenture, tcs, IBM

Industry-Integrated Learning

Through collaboration with EY-India, students receive:

- Mentorship on real-world AI and ML industry projects
- Access to innovation labs, hackathons, and AI challenges
- Internship and placement opportunities in intelligent technology domains
- Expert sessions from consultants and AI specialists

Curriculum Highlights

The curriculum integrates core engineering foundations with advanced AI/ML specialization.

Core Modules:

- Programming in Python, C++, and Java
- Data Structures and Algorithms
- Operating Systems, DBMS, and Computer Networks
- Software Engineering & Object-Oriented Programming

AI & ML Specialization

- Machine Learning & Deep Learning
- Natural Language Processing (NLP)
- Computer Vision & Neural Networks
- Data Analytics & Predictive Modeling
- Generative AI & Responsible AI Practices

Tools & Platforms:

TensorFlow, PyTorch, IBM Watson, Keras, Cloud AI Platforms

Projects & Internships:

- Semester-wise technical projects
- Industry capstone project co-guided by EY-India experts
- Mandatory industry internship

Why Choose This Program?

- Learn from EY-India certified trainers and industry practitioners
- Gain real-world exposure to advanced AI applications
- Earn EY-India endorsed certifications
- Graduate career-ready for global opportunities in AI and ML

At CGC University, Mohali research isn't just encouraged — it's empowered.

608+
Patents Published

15 Cr+
Annual Research Budget

2000+
Patents Filed

1800+
Papers Published

Research papers published in globally recognized journals such as

SCI, SCIE, ESCI, SCOPUS, ABDC, WOS, and UGC Care.

DIVISION OF CAREER PLANNING AND DEVELOPMENT (DCPD) AT CGC UNIVERSITY, MOHALI

At CGC University, Mohali, the Division of Career Planning and Development (DCPD) plays a pivotal role in shaping the future of our students. Committed to fostering holistic career growth, the DCPD offers a comprehensive range of services designed to equip students with the skills and knowledge they need to thrive in today's competitive job market.

KEY FEATURES OF DCPD:

- Personalized Career Guidance
- Skill Development Workshops
- Industry Connections
- Placement Assistance
- Alumni Network
- Career Fairs
- Mock Interviews
- Soft Skills Training
- Internship Opportunities
- Global Placements Support

Scan & Step Into
Placements!

HIGHEST PACKAGE

1 Crore

COMPANIES VISITED

1500+

PLACEMENTS OFFERED

12000+

FROM CLASSROOM TO BOARDROOM JOIN THE PATH OF FUTURE LEADERS

SURAJ YADAV
B.Tech. CSE
1 CRORE
Per Annum

ANMOL BHATHEJA
B.Tech. CSE
45.5 LPA
amazon

OMM KUMAR
B.Tech. CSE
44 LPA
servicenow

SIMRAN SAINI
B.Tech. CSE
40 LPA
AUTODESK.

SHREYA RAJ
B.Tech. AI & ML
30 LPA
Mu Sigma
DO THE MATH

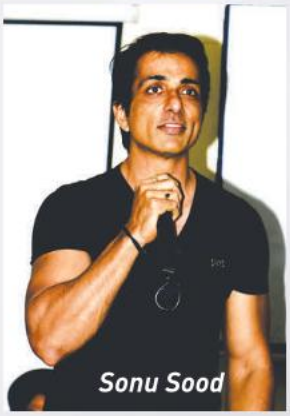
MADHAV ANAND
B.Tech. CSE
29 LPA
NUTANIX

SURPREET KAUR
B.Tech. CSE
28 LPA
XPERI

SWAPNA DEVI
B.Tech. CSE
26 LPA
TheMathCompany

Stardust & Success

captured *forever*



CGC University, Mohali brings stardom to campus with dazzling celebrity visits, iconic events, & star-studded moments that inspire students and make every day a celebration of talent & ambition.

Our Admission Offices

CHANDIGARH
CHANDIGARH
SCO 185, 2nd Floor,
Sector 37-C, Chandigarh
M: 98759-42703

JAMMU & KASHMIR
JAMMU
Shop No. 7A 2 South Block,
Basement Bahu Plaza,
Jammu-180020
M: 87130-97550, 87250-82013

ASSAM
GUWAHATI
2nd Floor, A G Plaza, GS Road,
Old Post Office ABC Christian
Basti, Near Mizoram House,
Guwahati 781005, Assam
M: 76269-25292

HYDERABAD
HYDERABAD
Door No. 6-3-1093, Space No. 402,
4th Floor, V. V. Vintage Boulevard,
Raj Bhavan Road,
Hyderabad-500082
M: 76269-25286

HARYANA
AMBALA
Shop No. 50A, First Floor,
Jaggi City Centre,
Ambala City, Haryana-134003
M : 91158-80338

HARYANA
KARNAL
SCO NO. 351,
Mugal Kanal,
Karnal-132001
M: 76269-25293

UTTAR PRADESH
LUCKNOW
Office No.101B, Govinda Building,
1-A, Shahanajaf Road ,Opp.
Police Commissioner Residence,
Hazratganj, Lucknow -226001.
M: 91155-81115

UTTAR PRADESH
SAHARANPUR
SCO 1-2, 1st Floor, Above
Van Heusen, Gill Colony
Saharanpur-247001
M: 91155-81118

HIMACHAL PRADESH
PALAMPUR
2nd floor, Palampur City Mall
(V-Mart) Near Vishal Megamart
Palampur
M: 95179-00618

HIMACHAL PRADESH
HAMIRPUR
Near Canara Bank,
Main Bus Stand, Hamirpur,
Himachal Pradesh
M: 87250-82014

BIHAR
PATNA
M-2/22, Ground Floor, Hazari Singh
Lane, Sri Krishna Puri, Boring Road,
Behind Sri Bhadra Kali Mandir,
PATNA-800001
M: 91155-81114

RAJASTHAN
JAIPUR
Plot No. B-36 & B-60A,
10B Scheme, Opposite
B.P Petrol Pump, Gopal Pura
Bye Pass Road Jaipur-302015
M: 73411-12826

CGC UNIVERSITY

State Highway 12A, Chandigarh-Sirhind Road,
Sahibzada Ajit Singh Nagar, Mohali, Punjab 140307

admissions@cgcuniversity.in

Toll Free: **1800 500 5005**
Admission Helpline**: +91 84376 04444**

For further details Log on to
www.cgcuniversity.in

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To Locate Us!

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