



METRO UNIVERSITY

Greater Noida West, Delhi-NCR

School of Engineering & Technology · Industry Collaboration & CoE Cell

ICT Academy

Oracle

AWS

MongoDB

Palo Alto

Juniper

IBM

INDUSTRY COLLABORATION & PARTNER CERTIFICATIONS

MoU Partners · Centres of Excellence · Credit-Linked Certifications · Admissions 2026

Metro University has signed formal MoUs with 7 global technology leaders — **ICT Academy, Oracle Academy, AWS Academy, MongoDB, Palo Alto Networks, Juniper Networks, IBM SkillsBuild, and Cisco Networking Academy**. Through dedicated Centres of Excellence (CoEs) established on campus, students receive specialised training, industry-standard lab access, and globally recognised certifications — all embedded directly into their degree subjects and counted as academic credits.

8

MoU Partners Signed

20+

Global Certifications

7

CoEs being Established

100%

Credit-Linked

What is a Centre of Excellence (CoE)?

A CoE is a dedicated training lab and curriculum hub built in partnership with each industry leader, established on the Metro University campus. The industry partner trains our faculty, provides proprietary course material, conducts certification exams, and co-delivers specialised modules — **which are counted as credits in your B.Tech /BCA, MCA degree.**

Section 1 — Our 8 MoU Industry Partners

IC

ICT Academy · Skill Development & Digital India

Government of India Public-Private Partnership initiative. Delivers faculty development programmes, student skill training in Full-Stack Development, AI Literacy, Cloud Computing, Life Skills, and Blockchain through live, online, and blended learning modes. Partners with 2,500+ institutions across India.

Certifications: Full-Stack Development Certificate | AI Literacy & GenAI Certificate | ICTACT Certified Professional

Curriculum Integration: Integrated into B.Tech First Year (Sem I & II) and BCA programme curriculum.

OR

Oracle Academy · Database, Java & Cloud

Oracle's global higher-education programme providing curriculum, software licences, and certification pathways. Covers enterprise database engineering, Java application development, Oracle Cloud Infrastructure (OCI), and PL/SQL programming with hands-on access to Oracle's cloud lab environment.

Certifications: Oracle SQL Certified Associate | Oracle Java SE Developer (OCP) | OCI Foundations Associate

Curriculum Integration: Embedded in MCA103 (DBMS), MCA102 (OO Software Engg), B.Tech CSE courses.

AW

AWS Academy · Cloud Computing & AI/ML

Amazon Web Services' official academic programme. Provides structured cloud courses, hands-on labs with real AWS infrastructure (EC2, S3, Lambda, RDS, SageMaker), and prepares students for AWS Certifications in cloud practice, architecture, and developer roles. Free lab credits for students.

Certifications: AWS Cloud Practitioner | AWS Solutions Architect — Associate | AWS Developer — Associate

Curriculum Integration: MCA203 (Cloud & DevOps), B.Tech CSE Sem V Cloud Computing elective.

MO

MongoDB · NoSQL & Full-Stack Data Engineering

MongoDB University partnership delivers instructor-led NoSQL database training, free Atlas cloud database access, and developer certification. Covers document modelling, aggregation pipelines, full-stack MERN development, Atlas search, and

time-series data — used by Netflix, Uber, and eBay.

Certifications: MongoDB Associate Developer | MongoDB Atlas Foundations | Data Modelling for MongoDB

Curriculum Integration: MCA103 DBMS lab, B.Tech CSE Data Science track, MCA Web Technologies.

PA

Palo Alto Networks · *Cybersecurity & Next-Gen Firewall*

World's leading cybersecurity company protecting 85,000+ organisations. Delivers next-gen firewall (NGFW) training, threat intelligence, Prisma Cloud security, XSOAR security automation, and SOC operations through the Palo Alto Networks Academy role-based curriculum.

Certifications: Cybersecurity Apprentice (Foundational) | Network Security Professional | Cloud Security Engineer

Curriculum Integration: MCA204 (Networks & Cybersecurity), B.Tech CSE Cyber Security Sem V–VIII.

JU

Juniper Networks · *Enterprise Networking & AI-Native Infrastructure*

Gartner Magic Quadrant Leader in Enterprise Wired & Wireless LAN. Delivers Junos OS training, AI-native networking, enterprise routing & switching, data centre fabrics, and security. Studies show IT professionals trained on Juniper are 34% more productive. Valid 3 years.

Certifications: JNCIA-Junos (Associate) | JNCIS-ENT (Specialist) | JNCIA-Security

Curriculum Integration: MCA202 (OS & System Prog), MCA204 networking lab, B.Tech IT & CSE IoT.

IB

IBM SkillsBuild · *AI, Data Science & DevOps*

IBM's global workforce development and upskilling platform. Provides industry-grade training in AI engineering, data science, IBM Cloud, cybersecurity, DevOps, and quantum computing. Free digital badges, professional certificates, and access to IBM's enterprise AI tools (Watson, watsonx).

Certifications: IBM AI Engineering Professional Certificate | IBM Data Science Certificate | IBM Cybersecurity Analyst

Curriculum Integration: MCA201 (AI & ML), MCA205 (Data Science & BI), B.Tech CSE AI&ML Sem III–VI.

CI

Cisco Networking Academy · *Networking, IoT & Cybersecurity*

World's largest IT education programme with 15 million+ alumni in 190 countries. Delivers CCNA, CyberOps Associate, IoT Fundamentals, DevNet Developer, and Python for Networking with hands-on Packet Tracer simulation labs and Cisco certification exam preparation.

Certifications: CCNA — Cisco Certified Network Associate | CyberOps Associate | DevNet Associate | IoT Fundamentals

Curriculum Integration: MCA204 networking lab, B.Tech IT and B.Tech CSE IoT tracks.