



Vertical Machining Center



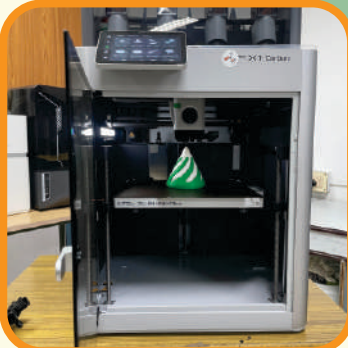
CNC Turning Center



Coordinate Measuring Machine



ROBO Lab 4.0



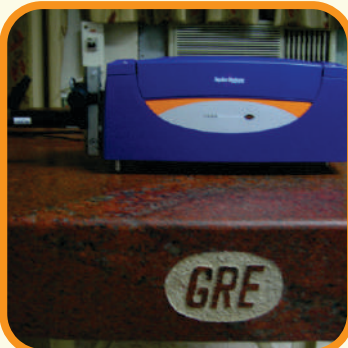
3D Printer



Friction Coefficient Test Rig



Electric Discharge Machine



Surface Roughness Tester



Engine Exhaust Emission Tester

40 YEARS OF ACADEMIC EXCELLENCE

B.S. Abdur Rahman Crescent Institute of Science & Technology Deemed to be University u/s 3 of the UGC Act, 1956

# M. Tech. CAD-CAM (Flexible Timing)

## ADMISSIONS OPEN 2025 - 26

### Department of Mechanical Engineering

For further information, contact Admission Coordinator

Admission Coordinator

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## Major Facilities

Laboratories have high-end infrastructure with industry & research standard equipment such as

- CNC Turning Center (BATLIBOI, with SIEMENS 828D Controller)
- CNC Vertical Machining Center (BFW, with FANUC Controller)
- Pin on Disc Wear Tester (DUCOM)
- Image Analyzer with Microscope (METCO)
- Coordinate Measuring Machine (TESA Micro-hite 3D)
- Surface Roughness Tester (Taylor Hobson Talysurf)
- CCD & CMOS Cameras for High Resolution Imaging (BASLER)
- Programmable Logic Controller (PLC) for Automation (FANUC)
- 16 Channel Data Acquisition System (NI)
- Electric Discharge Machine (ELECTRONICA)
- Vision System (NI)
- Acoustic Emission Sensor with Digital Oscilloscope (AGILENT)
- Vibration Sensors, Shakers and DAQ (ATALON)
- Cryogenic Treatment Chamber (CRYO SCIENTIFIC)
- Chase Friction Testing Machine (SAE J661)
- 3D Printers (OLIVETTI 3D, BAMBU, ELEGOO)
- 3D Scanner (CALIBRY MINI)
- MIG Welding Robot, Robot Studio Software (ABB)
- MIG & TIG Welding (FRONIUS)
- Engine Exhaust Emission Tester (KANE)
- Research Engine Test Setup (KIRLOSKAR)

## Salient Features

- 40 Years of Excellence
- Highly Qualified Faculty Members
- Contemporary Laboratory Facilities
- Updated Curriculum Aligned with Emerging Trends in Technology
- Experiencing the usage of State of the art Modeling and Analysis Software Tools
- Opportunities for Participation in Society Demanding Research Projects

## Representative CAE Tools

LabVIEW



ANSYS 2024



PTC / Creo 10



Matlab R2024  
Campus-Wide  
License



Siemens  
NX 2013



## Students Testimonials

### Sanjay S (2023 -2025)



The Department has a team of dedicated and passionate professors who are approachable and committed to enhancing our technical education. Their guidance has shaped my critical thinking, problem-solving skills, and ability to apply theory to real-world scenarios.

### Yajameel J (2023 -2025)



I am deeply grateful to the Crescent management, HoD, and faculty members of the Mechanical Department for profoundly shaping my life and inspiring me to pursue excellence and reach greater heights in my professional journey.

## Alumni Testimonials

### Vignesh P (2021 -2023)



Choosing Crescent has been one of the best decisions of my life, offering excellent technical education and numerous opportunities for extracurricular activities. The exceptional quality of teaching truly impressed me. With the unwavering support of my department professors and the Placement Cell, I am grateful to have secured a position at the prestigious Forvia Hella Pvt Ltd



### Magendiran (2019 -2021)



I feel fortunate to have studied under highly knowledgeable professors at Crescent, supported by state-of-the-art lab facilities aligned with the latest engineering advancements. The technical education I received was instrumental in helping me achieve the role of Plant Head at Mando Automotive India Pvt. Ltd



## Association with Industries (MoUs)



## Industry Internship



## Value Added Programmes

- Robotics With NSDC Certification
- CATIA 3D Experience Basics & Advance Modules by Dassault Systemes

## Representative Companies Offering Campus Placements

