



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)



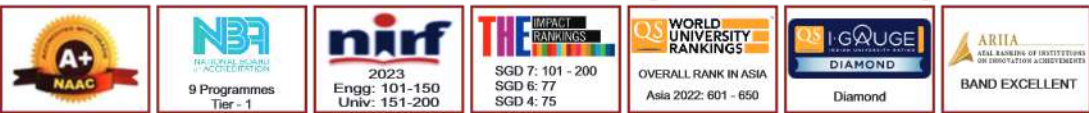
Admissions Open 2024-25

For further information, contact Admission Coordinator

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Department of Mechanical Engineering



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 Printer (OLIVETTI 3D)
- 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

Value-added Programmes

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

Students Testimonials



I. Mohamed Nathersha (2022 -2024)

I thank the Mechanical Engineering Department for shaping my life and inspiring me to excel professionally.



R.S. Sagee Raj (2022 -2024)

The department has a dedicated team of knowledgeable professors who are passionate about teaching and always approachable.

Alumni Testimonials



Magendiran (2019 - 2021)



I was very fortunate to have studied under a very dedicated team of knowledgeable professors at Crescent.



P. Vignesh (2021 - 2023)



As a B.Tech Mechanical alumni (2017–2021) of Crescent, I also pursued M. Tech. CAD-CAM at Crescent. The curriculum that is framed caters to the needs of modern technological advancements.

Major Software



Industry Internship



Association with Industries (MoUs)

CADD Centre Training Service



Representative Companies Offering Campus Placements

