

M. Tech. CAD-CAM

Admissions Open

Flexible Timing

Department of Mechanical Engineering



For further information, contact Admission Coordinator

Admission Coordinator
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Admission Help-desk
+91-95432 77888
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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 Printer (OLIVETTI 3D)
- MIG & TIG Welding (FRONIUS)
- Engine Exhaust Emission Tester (KANE)
- Research Engine Test Setup (KIRLOSKAR)

Salient Features

- Year of Inception 1984
- 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 with high-end computers
- NX CAD

Industry Internship

Association with Industries (MoUs)



Major Software



Representative Companies Offering Campus Placements



Students Testimonials



I. Mohamed Nathersha (2022 -2024)

Crescent has helped me to overcome the distance between dreams and reality. In crescent, I have got good friends, good memories and most importantly achieved great knowledge. I would like to thank crescent management, HoD and Mechanical Department Faculty Members and my mentor for shaping my life in a truthful way and teaching us to over come stress without which we can't achieve success



R.S. Sagee Raj (2022 -2024)

The department is filled with knowledgeable professors who are passionate about their subjects and are always available to answer questions and provide guidance and the program has moulded me to think critically, solve complex problems, and apply theory to real-world situations. I'm confident that the skills and knowledge I'm gaining here will prepare me for a successful career in engineering



K. Siva Thanigai (2021 -2023)

I enjoyed my studies, as I found the M. Tech. CAD-CAM curriculum extremely interesting. I understand the importance of time management from the department faculty members, which has helped me ensure on-time delivery/submissions with academic freedom.

Alumni Testimonials



Magendiran (2019 -2021)



I was very fortunate to have very good faculty strength at Crescent. The department has state of art infrastructure laboratory facilities that is highly appreciable. knowledge gained at Crescent and my professional experience makes me to reach the Plant Head Position in **Mando Automotive India Pvt Ltd.**



C. Mani Saravanan (2004 - 06)



B.S. Abdur Rahman Crescent Institute of Science and Technology has the state-of-the-art infrastructure, highly qualified and experienced faculty members. The exposure I received as a PG student (ME-CAD) prepared me well for my role as a "Design /CAE engineer" in the automotive industry.