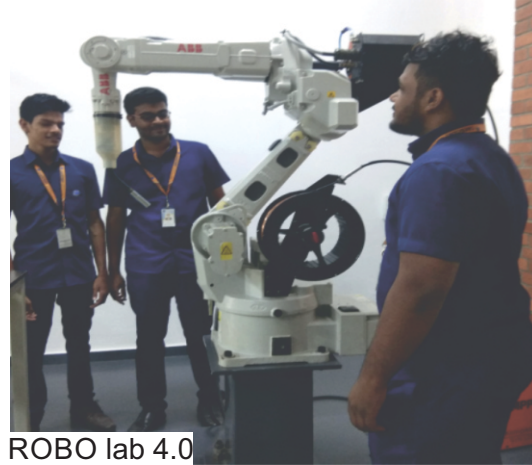




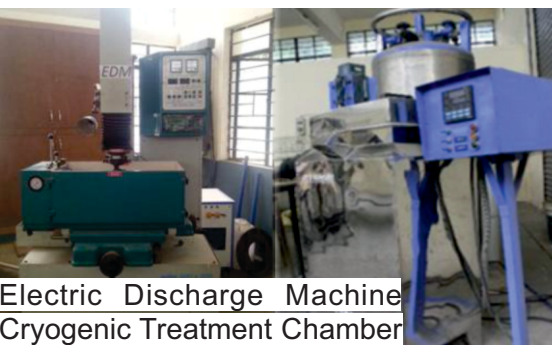
Coordinate Measuring Machine



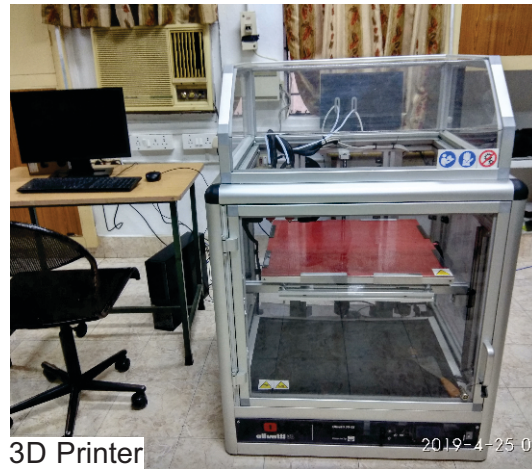
ROBO lab 4.0



CNC Turning Center, Vertical Machining Center



Electric Discharge Machine
Cryogenic Treatment Chamber



3D Printer



B.S. Abdur Rahman
Crescent
Institute of Science & Technology
Deemed to be University u/s 3 of the UGC Act, 1956
GST Road, Vandalur, Chennai 600 048

DEPARTMENT OF MECHANICAL ENGINEERING

Admissions Open 2021 - 22

M. Tech. CAD-CAM



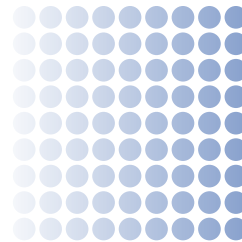
For further information, contact Admission Coordinator

Admission Coordinator

Mr. D. Pradeep Kumar

Mobile: 99448 76123

Email: pradeep@crescent.education



Admission Help-desk

+91-95432 77888 **+91-94990 01725**

admissions@crescent.education



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 (Industry Ready)
- ❑ MIG & TIG Welding (Fronius)
- ❑ Salt Spray Corrosion Apparatus (ATMIL)
- ❑ Engine Testing Facility (KANE)
- ❑ Engine Exhaust Emission Tester (NI)

Salient Features

- ❑ Year of Inception 1984
- ❑ Highly Qualified Faculty Members
- ❑ Contemporary Laboratory Facilities
- ❑ Updated Curriculum with Emerging Trends in Technology
- ❑ Experiencing the usage of Modeling and Analysis Software Tools
- ❑ Opportunities for Participation in Society Demanding Research Projects

Major Software

 <p>PTC / Creo 5 500 users</p>	 <p>LabVIEW 15 users</p>	 <p>ANSYS 2020 100 (Teaching) 10 (Research)</p>	 <p>MATLAB V8 R 2013a 100 users</p>
 <p>LS-DYNA 971_R7 2 users</p>	 <p>Hyperworks 2017 250 users</p>	 <p>Siemens NX 12.0 30 users</p>	 <p>SIEMENS CAM</p>

Value added Programmes

Robotics
CATIA and NX CAD
Job Oriented Programme by Dassault Systemes

Association with Industries (MoUs)



Industry Internship



Representative Companies Offering Campus Placements



Students Testimonials



S. Syed Anwar

The placement cell has provided training in aptitude and soft skills, which has helped me to get an offer from Cognizant through the campus placement. The value added courses along with my curriculum has helped me to learn beyond the syllabus.



S. Abdul Rahuman

The management helped me to avail the scholarship from the Government and provided fees concession for my studies. It helped me a lot.



A. Mohamed Aatiq

The knowledge acquired from the university is astounding and sculpts you to achieve greater heights in all endeavours. I always look back and cherish the green memories at Crescent.

Alumni Testimonials

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.



Sherin Lal (2006 - 08)



I did my PG at Crescent which completely transformed my life. It was a great learning experience. The motivation given by the dedicated faculty members made me to become independent