



Coordinate Measuring Machine



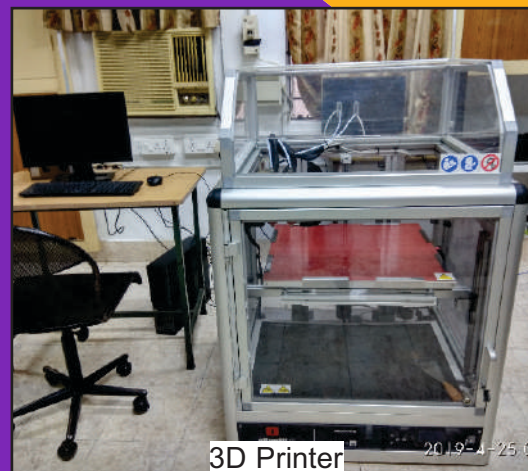
CNC Turning Center  
CNC Vertical Machining Center



Professional welding Lab



ROBO lab 4.0



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



**Admissions Open**

**2021 - 22**

**DEPARTMENT OF MECHANICAL ENGINEERING**

**M. Tech. CAD-CAM**



**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 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
- ❑ Updated Curriculum with Emerging Trends in Technology
- ❑ Contemporary Laboratory Facilities
- ❑ Opportunities for Participation in Society Demanding Research Projects
- ❑ Experiencing the usage of Modeling and Analysis Software Tools

## Representative Companies Offering Campus Placements



Association with Industries  
(MoUs)



## Major Software

Siemens NX 12.0	Hyperworks 2017	ANSYS 2020
30 users	250 users	100 (Teaching) 10 (Research)
500 users	2 users	15 users
MATLAB V8 R 2013a 100 users		

## Value added Programmes

Robotics

CATIA and NX CAD

Job Oriented Programme  
by Dassault Systemes

## Industry Internship



## 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 (2006 - 08), Deputy Manager**



industry.

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