



B.S. Abdur Rahman

# Crescent

Institute of Science & Technology

Deemed to be University u/s 3 of the UGC Act, 1956



10 Programmes  
Tier-1



2021  
Engg:112  
Univ: 151-200



SDG 6&7: Top 200  
SDG 4: Top 400



QS Asia University  
Ranking 2022  
601-650



E-Lead



Diamond



BAND EXCELLENT

# School of Infrastructure

## Department of Civil Engineering

### B.Tech. Civil Engineering

### ADMISSIONS OPEN 2022

# Department Highlights

- Established in the year 1984
- Highly qualified, well experienced and dedicated faculty from different disciplines of Civil Engineering
- Affiliate Professor from Academic Institutions and Industry
- Department offers
  - B.Tech. in Civil Engineering
  - M.Tech. in Structural Engineering
  - M.Tech. in Construction Engineering and Project Management
  - Ph.D in Civil Engineering

# Unique Features of B.Tech Civil Engineering

- Experienced faculty members
- Industrial Internship made mandatory
- Exclusive survey camp and soil camp
- Value added courses in emerging areas
- Courses delivered by industry experts and academicians from abroad
- Project based learning
- Integrated Lab Courses
- Guidance for Placement and Higher Studies
- Facilitates students for start-ups in the institute
- Opportunity for students to involve in consultancy & testing
- Transfer of Credit for Swayam Courses



AFFORDABLE HOUSE DESIGNED AND CONSTRUCTED BY CIVIL ENGG DEPT

# Minor Degree Offered

The students can also undertake Minor degree programmes under the following specialisations. This aims to develop collaborative skills with different academic discipline, improve integrative learning, critical thinking and cater the students for the careers in new and emerging fields.

- Artificial Intelligence & Machine Learning
- Block Chain
- Computational Biology
- Cyber Security
- Data Science
- Electric Vehicles
- Industrial Automation
- Internet of Things (IoT)
- Robotics
- Sensor Technology
- Virtual and Augmented Reality

# Research Facilities

- 3 & 5 Ton Servo Controlled Hydraulic Actuator
- Vibration Analyzer with software
- Data Acquisition System
- Atomic Absorption Spectrophotometer (AAS)
- Concrete Permeability Test
- 1000kN Beam & Column Loading Frame
- Standard Penetration Test Apparatus
- 3000kN / 1000kN / 500kN Compression Testing Machine
- Triaxial and field vane Shear Testing Machine
- Total Station & GPS

# Software Available

1 BENTLEY MAPS

4 PRIMAVERA P6 & MS Project

7 REVIT

2 ERDAS IMAGINE

5 Q GIS

8 STAAD Pro

3 ANSYS

6 COST X

9 AUTOCAD

# Centres of Excellence



Centre for Prevention and Control of Corrosion in Concrete Structures



Centre for Remote Sensing and Geographic Information System

# Accomplishments

- Sponsored research projects from DST – SERB, Ministry of Earth Sciences & other good bodies
- Publications in Journals and Conferences
- Testing, Consultancy and Training Programs
- Training programs offered regularly for Marine cadets
- Sponsored International and National Conferences
- Faculty development programmes / Workshops are organized in emerging areas of Civil Engineering



# Value Added Programmes

- Revit Architecture
- 3d Studio Max
- Etabs Training Programme
- Construction Project Management & Scheduling Software

# MOUs with Industry and Institute



**Mahindra**  
Consulting Engineers



- Joint Research work with CSIR-SERC
- Collaborative Research with M/s. Engineering Services International, Kolkata
- MOU with reputed institutes such as Universiti Teknologi MARA, Malaysia, University of Stuttgart, Germany for joint research, projects and students & faculty exchange
- MOU with M/s. Mahindra Consulting Engineers, Chennai, M/s. EPMCR, Chennai, M/s. Kankyo CleanTech Pvt Ltd, Chennai, M/s. Hitech Concrete Solutions Chennai Pvt Ltd, Chennai, Tamilnadu Pollution Control Board (TNPCB) and M/s. eStaar Max Technologies Pvt Ltd, Chennai, for consultancy work, student internship, student placement and project internship



# RENOWNED ALUMNI



**Er. P.Venkatesan**  
Senior Principal Scientist  
& Associate Professor,  
CSIR- Central Electrochemical  
Research Institute, Karaikudi  
Batch : 1984-1988



**Er. Mohamed Arshad**  
Managing Director  
Bharat Builders  
Bangalore  
Batch : 1988-1992



**Er. Peer Mohamed, B.E., PMP.**  
Director- Construction/Head  
of Projects Awtad Real Estate,  
United Arab Emirates  
Batch : 1985-1989



**Er. Abdul Gani H.I**  
Head of Civil Design  
Indira Gandhi Centre for  
Atomic Research (IGCAR),  
Kalpakkam  
Batch : 1995-1999



**Er. Mohamed Zia Ul haq**  
Projects Director  
Mustawa Al Khaleej Contracting  
Establishment, Jeddah  
Batch : 1995-1999



**Er. Kavin Kumar**  
Director, EPMCR Pvt Ltd  
(IIT incubated based company),  
Chennai  
Batch : 1998-2002

## Alumni Testimonial



Of my 33+ years of experience, my carrier in Construction Management started with my unforgettable time of my four year education in crescent Engineering college from 1984-88. Though the college was in the budding stage but the faculty was top classed which I cannot forget even after so many years. The base which was built by the college is still helpful for me in my carrier. I am overwhelmed to thank the faculty and the management which provided me the base for my future and success

**Er. Eliass A Latiff**  
Chief Operating Officer  
ECCI Ltd, Chennai  
Batch : 1984-1988



Crescent Institute is the best institution across TamilNadu. I completed my B.E., Civil Engineering from here. The institution is known for its excellence. It has all the best facilities under one roof – infrastructure, erudite faculty, professional teachers, well stocked libraries, good computer labs, sports area, and canteen with all requirements. Faculty members of Civil Engineering department are really helpful and guide us in all aspects. I am very grateful to be an alumnus of this institution.

**C. Prasanna, B.E.,**  
M.S (Florida University), Engineering Manager,  
Larsen & Toubro, Chennai  
Batch : 2001-2005



I take pride in being a student of Crescent Institute. It has helped me develop a positive attitude towards my studies and realise more about myself. The teaching and guidance here is just incomparable. I was fortunate to study under the guidance of experienced and dedicated faculty.

**Er. Bharathi,**  
**Assistant Engineer,**  
**Highway Engineering Department,**  
**Batch : 2005-2009**



I like the friendly atmosphere in our Civil Engineering department and the fact that the teachers are really kind to the students. We are very much supported in our studies. The teachers are really kind and their way of teaching is really interesting and useful. They are also very motivational. We are enthused by the classes. My grades have gone up a lot as the classes are practically oriented. The teachers give individual attention to each and every student.

**Mir Hasnain Razvi,**  
**Director, Tincorr Solution,**  
**Batch : 2013-2017**

## Students Testimonial



The institute has provided me the best possible platform and infrastructure to excel in my career interest. The most important aspect which I learned from my department is career development process which is the key for exploring your skills. As, I gracefully culminate the four years spent here, it feels humble to be a part of the history.

**R.B. Dharma**  
**B. Tech., Civil Engineering**  
**Batch : 2017-2021**



Crescent institute of Science and Technology has brought an added value to my life. In the beginning I was really scared to start a new life in a new city, since I am from Jammu and Kashmir. But the faculty members of Civil engineering department made it very easy for me. The institute has a beautiful green campus with top-notch infrastructure. The learning atmosphere at the college is excellent. I am really glad to be part of the Crescent family.

**Mohammad Asrar Shah**  
**B.Tech., Civil Engineering**  
**Batch: 2017-2021**



At Crescent during these 4 years, I was mostly inspired by the excellent teaching of the faculty members. The exposure to the latest technologies and laboratory skills helped me to do my final year dissertation work at CSIR-CBRI, Roorkee. Crescent Institute moulded me to a good gem by providing world class education in Civil Engineering

**V. Mukesh Vashan**  
**B.Tech., Civil Engineering**  
**Batch: 2017-2021**



At Crescent Institute, the classes are not only theoretical but also practical oriented. The industrial visits, camps, and the internship program add value to our education. The campus is very neat and well maintained. I was able to obtain the necessary skills which would help me in near future.

**S. Sruthi**  
**B.Tech., Civil Engineering**  
**Batch: 2017-2021**

## OUR MAJOR RECRUITERS

**Mahindra**  
Consulting Engineers

**Technip**  
take it further.

**LARSEN & TOUBRO**

**Goirey**

**FCCI**  
Fast Track Corporate Institute Ltd.

## OUR ENTREPRENEURS

**TINCORR**

**INTERIORSCAPES**

**rtlec**  
RECONSTRUCTION TECHNOLOGY & ENGINEERING CONSULTANTS

**RBI**  
REBUILD INFRA

## Institute Legacy

- Accredited with “A+” grade by NAAC in the second cycle
- QS I-Gauge Diamond Rating for Teaching Quality and Employability
- Fourth in India to be awarded 4 stars by QS World Top University Rankings
- QS World University Rankings – Regional Ranking India 2020
- NIRF Ranking 2020: Placed among Top-123 Engineering Colleges in India
- Awarded All India 5th Rank under Swachh Campus Ranking 2019 by AICTE
- All the Engineering Programmes are accredited by NBA
- Awarded ISO 9001-2015 quality standards certified by Det Nerske Veritas, Netherland
- Affiliate faculty from Foreign Universities and Industries
- Programmes offered in collaboration with IBM, ACCA and CIMA
- Efficient mentoring of students with all kind of assistance
- Value added programmes in AI and IoT, Big Data Analytics, Foreign languages, Robotics etc
- Industry internship opportunity to all the students
- Efficient Industry Institute Partnership Cell (IIPC)
- Dynamic Placement and Training Cell to empower the students
- Dedicated Innovation and Incubation Council to support Student Entrepreneurs
- Exclusive cultural and literary clubs providing versatile exposure for students

## GET CONNECTED

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 [crescentwordofwisdom.blogspot.in](https://crescentwordofwisdom.blogspot.in)

 [youtube.com/channel/BSACrescentInstitute](https://youtube.com/channel/BSACrescentInstitute)

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