



B.S. Abdur Rahman™

Crescent

Institute of Science & Technology

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



40 YEARS OF
ACADEMIC
EXCELLENCE



2023
Engg: 101-150
Univ: 151-200



SDG 4: 75 | SDG 6: 77
SDG 7: 101-200
SDG 17: 301-400



QS Asia University
Ranking 2024 (801+)



Diamond

School of Infrastructure

Department of Civil Engineering

B.Tech. Civil Engineering

ADMISSIONS OPEN 2024-2025

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

- Courses offered in collaboration with L&T EduTech
- 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
- Revit Structure
- 3d Studio Max
- ETags 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. L&T Edutech 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), M/s. MEMBRANE HIGHECH Chennai, National Highway Authority of India 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

OUR MAJOR RECRUITERS

Mahindra
Consulting Engineers

Technip
take it further.

Larsen & Toubro

Godrej

ECCI
East Coast Concrete Industries Ltd

OUR ENTREPRENEURS



TINCORR

INTERIOR SCAPES

rdtec
RESEARCH & DEVELOPMENT

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
- QS World University Rankings – Regional Ranking India 2020
- NIRF Ranking 2022: Placed among Top-102 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

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