## School of Computer, Information and Mathematical Sciences



# Department of Computer Science and Engineering

# B.Tech. CSE (Cyber Security)

# Admissions Open 2025-2026

NAAC A+

2023
Engg: 101-150
Mgmt: 101-125
Univ: 151-200

THE IMPACT RANKINGS
SDG 4: 37 | SDG 6: 29
SDG 7: 13 | SDG 17: 101-200
Overall: 101-300

THE World University Rankings
India: 58 | Engg: 1001+
Asia: 501-600
overall: 1201-1500

QS WORLD UNIVERSITY RANKINGS
QS Asia University
Ranking 2025:
Asia: 751 - 800

QS I-GAUGE DIAMOND
Diamond

B.S. Abdur Rahman Crescent Institute of Science & Technology, is an institution acclaimed throughout India for its quality in teaching and research for the past thirty - seven years. It aims at providing value - based education by imparting practical training, knowledge and skills, on the journey towards technical excellence.

## Department of Salient features

- Established in 1990 (31+ Years of Excellence)
- Accredited by NBA
- Association with IBM
- Innovative and Outcome based teaching-learning process
- Highly qualified & Experienced faculty
- Publications in high impact journals
- Academic collaboration with industries
- ICT Enabled Class rooms
- Wi-Fi Campus
- TCS self-service for students
- State of the art laboratories
- Well-equipped digital library
- Good placement record in reputed industries
- Opportunities for internship/training in reputed IT industries

## Programme Highlights

- Cover the fundamentals of computer science courses & it is based on huge volumes of cyber security mechanism.
- CSE provides knowledge for graduates to obtain meaningful insights into cyber security.
- Training the students to analyse, design and experiment solutions to solve cyber security-related problems.
- Curriculum has been designed to produce accomplished computer engineers.
- Equip the students to build novel security applications.
- Curriculum will lay a strong foundation for the students to get into higher level placement.
- Courses designed on focus towards Cyber security professionals.
- Cyber security professionals work in IT, health care, manufacturing, defence, finance and other sectors

# Industry Collaborated Online Certified Courses

The department practices blended learning through industry participation
- The mobile application development was conducted in collaboration with a company
- Brain groom technologies
- IBM Cognitive Class AI – Latest technology courses

# Innovation in Teaching Methodology
- ICT aided teaching
- Project-based learning
- Problem-based learning
- Activity-based learning
- Peer assistance learning
- E-learning
- Online tutorial – NPTEL, IIT Spoken tutorial

# Professional Activities
- The Computer Science and Engineering Association (CSEA) is the student body of the Department.
- All the students of the Department are the members of the Association. The association seeks to foster a sense of community and belonging amongst the students and also to increase interaction between faculty and students within the department.
- CSEA has encouraged the academic and scientific development of the department's student body through activities such as ARCANE a national level technical symposium organized annually.
- The CSEA inculcates interpersonal skills in students through events like Talent Hunt (To hunt the student's technical talent), EC Meet (To encourage the extracurricular activities), and ECO FEST (Awareness for the green and eco-friendly environment).

# About Programme

- The syllabus is designed to impart knowledge on the technical basics of cyberspace and the cyber issue
- The programme is designed to provide skill-based education
- Focusing on the ethical impact
- Professional skill-building Project - based, Outcome - based, Problem - based, Activity-based learning are practised.
- Cyber forensic labs and research labs
- Lab integrated theory courses
- Industry 4.0 oriented elective courses
- Provision for the student to undergo internship in industries
- An exploration of the nature of emergent and future cyber threats
- The tools to frame and evaluate strategies and policy responses to these threats

# Carrer Opportunities

- There is high demand for professionals with the knowledge of cyber security.

**Some of the top positions cyber security job titles are**

- IT and govt
- Application Security Analyst
- Bio-metrics Security Engineer
- Cryptologist
- Cyber Security Architect, Manager, Analyst
- Cyber Security Scientist, Instructor, Administrator
- Cyber Forensic Expert
- Computer Crime Investigator
- Computer system security Engineer
- Chief Information Security Officer (CISO)
- Digital forensics
- Disaster Recovery Analyst
- Ethical Hacker
- Forensic investigator
- Malware analyst
- Mobile Phone Security Engineer
- Network Security Engineer, Manager
- Network Programmer

- Project Manager
- Penetration Tester
- Security Architect, Analyst, Engineer, Code Auditor
- Software Security Engineer
- Incident Responder
- Information Security Analyst
- Infrastructure Security Analyst

The need for information security analyst will grow by 28% through 2026, making it one of the top 20 fastest growing occupations

## Testimonial by the students

**Mr. Ameen Mohammed,**
**Batch : 2020-2024,**
**I Year Student ,**
**B.Tech. (CSE - Cyber Security)**

I'm extremely delighted to convey that I have learnt quite a lot on foundations of computer science engineering by taking this course till date. I've learnt concepts like the basics of programming and digital principles. I was also able to grasp the basics of programming languages C++ and python. I'm looking forward to learn many interesting yet fruitful concepts in Cyber security for my career in the days to come.

**Ms. Nikathsana,**
**Batch : 2016-2020,**
**B.Tech. (CSE)**

Hi my name is Nikathasana Passed out from crescent Institute of Science and Technology. Crescent provide me with very qualified professors and academics who made sure that we were the best at what we did. Sports and cultural activities were always a part of our lives and helped as moulded into people against the common stereotype of being drowned in books.

**Mr. Isac Raj,**
**Batch : 2010-2014,**
**Senior application developer,**
**Inautix Technologies India Pvt ltd**

I like the fact the classes are very effective and that the professors are very friendly. They are always willing to help students. crescent university offers a wide choice of social activities. The environment here is very sociable. I am sure that without the precious experience at crescent I would not have such features of character as determination, self-confidence and commitment.

# Renowned Alumni (INDICATIVE)

**Ashhar zubair (2015-2019)**
Entrepreneur
EalSuite

**Pooja Priyadarshini C (2015-2019)**
Associate Engineer
virtusa

**Krishna Sagar N (2015-2019)**
Technology Risk Analyst
ERNST & YOUNG
4 Apps in Play store

**Mohammed Haashir. C (2012-2016)**
MS – User Experience & IT
JÖNKÖPING UNIVERSITY
6 Apps in Play store

**Muhamed Hussain (2013-2017)**
Senior Associate
NPCI

**Suleiman Ali Shakir (2012-2016)**
Experience Designer
BuzzFeed

# Placement Opportunities in reputed IT industries

Infosys | Cognizant | HCL | infotech | NISSAN | POLARIS
RENAULT | verizon | IBM | TATA TATA CONSULTANCY SERVICES | hp | BYJU'S The Learning App
accenture | HEXAWARE | RENAULT NISSAN | Capgemini | aspire | Virtusa
AtoS Syntel | SONY | Tech Mahindra | ZOHO | wipro | amazon
Mindtree | LARSEN & TOUBRO

**Apply Now**
**Duration :** 4 Years
**Eligibility :** As per AICTE Norms

# Minor Degree Programs for B.Tech. CSE(Cyber Security) :
## Students can enroll for Minor Degree Programmes in

Robotics

3D Printing

Electric Vehicles

Industrial Automation

GIS and Remote Sensing

Computational Biology

## Contact

The Director (Admissions),
B.S. Abdur Rahman Crescent Institute of Science & Technology,
Seethakathi Estate, GST Road, Vandalur, Chennai-600048.
Helpline : +91 95432 77888
Telephone: +91 44 22759230, 22751333/334/335
Email id: admissions@crescent.education

Department of Computer Science & Engineering
Dr. X Arputha Rathina, Associate Professor,
Email id: xarathina@crescent.education,
Mobile: +91 94447 40794,
www.crescent.education