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NIRF Ranking 2018: Placed among
Top-100 Engineering Colleges in India



B.S. Abdur Rahman

Crescent

Institute of Science & Technology

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

WORLD TOP UNIVERSITY RANKINGS



AWARDED WITH 4/5 STARS



Prospectus 2019

For Admissions

Contact: +91-95432 77888

Email: admissions@crescent.education

For more information

Log on to www.crescent.education

ENGINEERING | ARCHITECTURE | DESIGN | LAW | PHARMACY | MANAGEMENT | ARTS & SCIENCE | Ph.D PROGRAMMES

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Administration

ADMINISTRATION

Destiny is not a matter of chance, but of choice. The man who changed his destiny hailed from a middle-class family at Kilakarai, Ramanathapuram District, Tamil Nadu, reaching the pinnacle of success by his ultimate choice of perseverance and elegance. Dr. Buhari Syed Abdur Rahman, a well known personality in the field of Education, Economy and Industry and was also a Philanthropist par excellence. He was an ardent lover of the welfare of society who believed that “the world is for the winner when business is not just about self but also about society”. Dr. B. S. Abdur Rahman felt education to be the key to solve socio-economic problems of the society. Hence he founded a number of educational institutions through which a multitude of students have been benefitted.

Amidst his numerous achievements as an entrepreneur and educationist, B.S. Abdur Rahman Crescent Institute of Science & Technology has always been his very special brainchild that has been providing unparalleled quality education until now and in the future. Deep-rooted in his values, this institution is growing stronger each day with its aspiration to evolve as a world premier institution.

CHANCELLOR



Mr. BSA Arif Buhary Rahman

The higher education landscape is changing in tandem with the economic situations, industry requirements and technological development globally. As education is becoming easily accessible to many in the world, thanks to the increase in the number of higher education institutions in every nation and online education that transcends all boundaries, it is of utmost importance that the education provided by an institution is suitable for the global student fraternity.

B. S. Abdur Rahman Crescent Institute of Science & Technology is established to provide holistic education to students that help them to transform into global citizens. It is the objective of Crescent to provide the right platform to the students for promoting innovation, leadership and professionalism. We at Crescent welcome the students to have a life-transforming experience that would alter not just their lives, but the society that they live in.

FOUNDER OF THE INSTITUTION



Alhaj Dr. B. S. Abdur Rahman

An uncommon man.
Of deep conviction and perseverance
his vision runs Crescent today
for the benefit of the teachers, staff, students,
alumni and the society.



PRO CHANCELLOR



Mr. Abdul Qadir A. Rahman Buhari

B.S. Abdur Rahman Crescent Institute of Science & Technology is not-for-profit educational institution that aspires to make a difference in the lives of students through quality education. The institution is built on the philosophy of empowering the youth through higher education, thus enabling them to attain their goals for the benefit of their own and at large, the society.

A gamut of disciplines is offered to the students to choose from to give wings to their dream career. The academic ambience is maintained through excellent infrastructure facilities and competent faculty members – a combination of full time faculty members, affiliate faculty from reputed foreign institutions and expert members from industry. We at Crescent measure the success of our institution through the achievement of each of our students – the fulfillment of their dreams.

The higher education institutions are constantly evolving to meet the demands of the industry worldwide. At B. S. Abdur Rahman Crescent Institute of Science & Technology, measures are undertaken to ensure that education imparted is of international standard, thus providing a means of creating global citizens. Students are encouraged to take up innovative projects, leading to start-up companies – a better way of securing the future of the students in the competitive world.

VICE CHANCELLOR



Tan Sri Dato Sri Prof. Ir. Dr. Sahol Hamid Bin Abubakar

Crescent Institution functions with the purpose of producing ‘leaderpreneurs’ – leaders and entrepreneurs. The education offered by the institution ensures that the students evolve into leaders when they step out of the campus. The courses designed for this purpose serve as stimulants for our students to embark on entrepreneurship with greater confidence, thus advocating the realization of our tag line “WE CREATE EMPLOYERS”.

ADMINISTRATION

REGISTRAR

B. S. Abdur Rahman Crescent Institute of Science & Technology functions on the platform of blended learning to provide flexibility in knowledge dissemination, a tool to accommodate students of different learning capabilities. The institution prides itself in the fact that it has uplifted the lives of thousands through its quality education.

Crescent institution, with its long-standing history in the educational sector has constantly upgraded itself, since becoming a deemed-to-be-university in 2009, in terms of establishing diverse programmes in arts, humanities, science, law, pharmacy, engineering & technology; updating the curricula and syllabi to be in line with the international standards; and at the same time, deeply rooted in the cultural and social values and providing education along with ethics and humanitarian outlook.



Dr.A.Azad

VISION & MISSION

VISION

B.S. Abdur Rahman Crescent Institute aspires to be a leader in Education, Training and Research in Engineering, Science, Technology and Management and to play a vital role in the Socio-Economic Progress of the country.

MISSION

- ❖ To blossom into an internationally renowned University.
- ❖ To empower the youth through quality education and to provide professional leadership.
- ❖ To achieve excellence in all its endeavours and to face global challenges successfully.
- ❖ To provide excellent teaching and research ambience.
- ❖ To network with global institutions of excellence in Business, Industry and with Research Organizations.
- ❖ To contribute to the knowledge base through scientific enquiry, applied research and innovation.

ABOUT THE INSTITUTE

B.S. Abdur Rahman Crescent Institute of Science & Technology is a 4-Star rated QS World University Rankings varsity with over 35 years of Academic Excellence was established in 2009 as a Deemed to be University under Section 3 of the University Grants Commission (UGC) Act, 1956, Government of India. Crescent is the 4th varsity to be awarded with QS 4-Star rating, and the only University in India to have 16 + 04 (20) programmes NBA accredited under Tier-1 of the prestigious Washington Accord. It is also the First & only Institute in India to have a Foreign National as Vice Chancellor with more than 100 full-time foreign associates for academic upliftment. Hitherto it was in existence from 1984 as Crescent Engineering College, a Muslim Minority Institution, approved by the All India Council for Technical Education and affiliated to Anna University. Promoted by the All India Islamic Foundation (AIIF), it has dedicated itself to the cause of knowledge and empowerment, with special focus on technical education for the educationally, socially and economically backward communities.

The Institute is guided by eminent personalities from various walks of life such as education, research, industry, business and administration. Mr. Abdul Qadir A. Rahman Buhari is the Chairman of the Board of Management.

Accreditation and Membership

The Institute has been accredited by the National Assessment and Accreditation Council (NAAC) with "A" grade. The Institute is a Member of the Association of the Indian Universities and also a Member of the Association of Commonwealth Universities. All the undergraduate engineering programmes are accredited by the National Board of Accreditation (NBA) and now the Institute is in the process renewing the accreditation and obtaining fresh accreditation for all the programmes. The institution has ISO 9001-2008 certification.



The Campus

The Institute spans across 60 acres of sprawling, serene and evergreen campus, located in the Seethakathi Estate, Vandalur, Chennai on the G.S.T. Road (Chennai-Trichy National Highway NH-45), adjacent to the Arignar Anna Zoological Park. More than 7000 students study in this co-educational institution. Ample open spaces with several 100 year old banyan trees add to the beauty of the campus and motivate students to outdoor learning. The vast campus has a well-planned network comprising blocks of various Departments, reading halls, classrooms, laboratories, a hi-tech auditorium, a computerized Library and several playgrounds. Also, the campus houses residential buildings for faculty members and other staff, apart from separate hostels for men and women students. The Campus has a Health Centre, a Bank & ATM, Bookshop and connects up with the Chennai City through a network of over 60 buses operated by the University. The entire campus is Wi-Fi enabled and has 24 hour power back up.

The Faculty

The Institute has over 389 highly qualified and experienced faculty. It has been the ardent policy of the Institute to have 100% faculty with Ph.D. Now, over 138 of them possess a doctoral degree and the rest of them are pursuing research for doctoral degree. The Institute has the Authors Forum with over 185 teachers involved in writing books for the students at different levels.

Programmes Offered

UG PROGRAMMES OFFERED

B.Tech.

- Civil Engineering
- Mechanical Engineering
- Automobile Engineering
- Aeronautical Engineering
- Polymer Engineering
- Electrical & Electronics Engineering
- Electronics & Communication Engineering
- Electronics & Instrumentation Engineering
- Computer Science & Engineering
- Information Technology
- Biotechnology

Architecture

- B.Arch. - 5 years
- B.Des. (Interior Architecture) - 4 years

Pharmacy

- B.Pharm. - 4 years

Arts & Science

- B.Sc. Biotechnology
- B.Sc. Computer Science
- BCA Cloud Tech. & Info. Security
- BCA Mobile Appln. & Info. Security
- BCA Data Science
- BCA Multimedia & Web Appln. Development
- B.Com. General
- B.Com. Finance & Accounts
- B.Com. (Hons.)
- BBA (General)
- BBA (Entrepreneurship & Family Business)
- BBA Financial Services (with CIMA Certification)
- BA English (Hons.)
- BA Islamic Studies

Law

- BA LLB (Hons.) - 5 years
- BBA LLB (Hons.) - 5 years

PG PROGRAMMES OFFERED

Architecture

- M.Arch. - 2 years

M.Tech.

- Avionics
- Computer Science & Engineering
- Structural Engineering
- VLSI & Embedded Systems
- Communication Systems
- Construction Engineering & Project Management
- CAD - CAM
- Information Technology
- Power Systems & Engineering
- Biotechnology

M.A. - Islamic Studies

MBA

(Marketing, Finance, HR, Operations, Systems, Entrepreneurship, Islamic Banking & Finance, Logistics & Supply Chain Management and International Business)

MCA

M.Sc.

- Physics
- Chemistry
- Actuarial Science
- Microbiology
- Genetics
- Biotechnology
- Biochemistry & Molecular Biology

PGDM (Post Graduate Diploma in Management) - 2 years

Ph.D - Programmes for all disciplines

ELIGIBILITY - UG PROGRAMMES

ELIGIBILITY FOR B.TECH.

1. Candidates should have passed 12th standard examination conducted by State Board / CBSE / ICSE or equivalent examination with a minimum aggregate of 60% marks in Mathematics, Physics and Chemistry. For Biotechnology and Cancer Biotechnology programmes, Minimum 60% aggregate in Mathematics / Biology, Physics and Chemistry.
2. Candidates Should appear for CIEAT(Crescent Institution Engineering Admission Test) 2019.
3. Students appearing for 10+2 examination in March /April 2016 are also eligible to apply.
4. Candidates who have studied in Regular, Full time and Formal Education alone are eligible to apply.
5. Age Limit: Candidates date of birth should fall on or after 1st July 1997.

ELIGIBILITY FOR B.ARCH.

Candidates are selected for admission to B.Arch. Programme based on their merit in Qualifying Examination (10 +2) and score obtained in NATA (National Aptitude Test in Architecture).

1. Candidates should have passed 10 +2 examination (HSC/ CBSE /ICSE etc.) or any other equivalent examination with a minimum aggregate of 60% of Marks and Mathematics as one of the subjects of study.
2. Candidates should have minimum score of 40% in NATA.
3. The date of birth of candidates should fall on or after 1st July, 1997.

ELIGIBILITY FOR B.DES.

A Pass in Higher Secondary Examination conducted by State or Central Board of Secondary Education or equivalent examination in any stream with a minimum of 60% overall aggregate of marks. The date of birth of candidates should fall on after 1st July 1997.

ELIGIBILITY FOR B.PHARM.

A Pass in Higher Secondary Examination conducted by State or Central Board of Secondary Education or equivalent examination with a minimum of 60% overall aggregate of marks. The candidates must have studied Physics, Chemistry and Mathematics (or) Biology. Any other qualification approved by the Pharmacy Council of India as equivalent to any of the above examinations. Candidates date of birth should fall on or after 1st July 1996.

ELIGIBILITY - UG PROGRAMMES

ELIGIBILITY FOR ARTS & SCIENCE PROGRAMMES

BCA:

The minimum qualification required to apply is a pass in 10+2 examination or equivalent from any recognized Central or State Board with Mathematics as one of the core subjects. A course recognized as equivalent thereto by the University.

B.Sc (Computer Science):

A Pass in Higher Secondary Examination conducted by State or Central Board of Secondary Education or equivalent examination with mathematics as one of the subjects of study and with a minimum of 60% overall aggregate of marks.

B.Com.:

A Pass in Higher Secondary Examination conducted by State or Central Board of Secondary Education or equivalent examination with a minimum of 60% overall aggregate of marks. Candidates must have studied commerce or Statistics as one of the subjects of study.

B.A. Islamic Studies (Arabic Medium) Residential Programme:

1. Candidates should have passed 10 +2 examination (HSC/ CBSE /ICSE etc.) or any other equivalent examination.
2. Candidates should pass in the Entrance Test in Arabic Language which will be conducted prior to the admission.
3. Age Limit: Candidates date of birth should fall on or after 1st July 1997.

B.A. Islamic Studies (English Medium) Evening Programme:

1. Candidates should have passed 10 +2 examination (HSC/ CBSE /ICSE etc.) or any other equivalent examination.
2. Candidates should pass in Quran Reading Test.

ELIGIBILITY FOR LAW (BA LLB & BBA LLB)

A Pass in Higher Secondary Examination conducted by State or Central Board of Secondary Education or equivalent examination with a minimum of 60% overall aggregate of marks. Candidates date of birth should fall on or after 1st July 1997.

ELIGIBILITY - PG PROGRAMMES

ELIGIBILITY FOR M.TECH.

Avionics:

B.E./ B.Tech. in Aeronautical Engineering / Aerospace Engineering / Mechatronics / EEE / ECE / Electronics and Instrumentation Engineering or Equivalent

Structural Engineering:

B.E. / B.Tech.in Civil Engineering / Structural Engineering or Equivalent

Construction Engineering and Project Management:

B.E. / B.Tech.in Civil Engineering / Structural Engineering or Equivalent

CAD – CAM:

B.E./B.Tech.in Mechanical / Auto / Manufacturing / Production / Industrial / Mechatronics / Metallurgy / Aerospace / Aeronautical / Material Science / Marine Engineering or Equivalent

Power Systems & Engineering:

B.E. / B.Tech.in EEE/ECE/EIE/I&C/ Electronics / Instrumentation or Equivalent

Communication Systems:

B.E. / B.Tech. in ECE / /EIE /ICE /EEE/ Electronics or Equivalent

VLSI and Embedded Systems:

B.E. / B.Tech. in ECE / /EIE /ICE /EEE/ Electronics or Equivalent

Computer Science and Engineering:

B.E. / B.Tech. in CSE/IT/ECE/EEE/EIE/ICE/Electronics / MCA or Equivalent

Information Technology:

B.E. / B.Tech.

Biotechnology:

B.Tech/B.E. in Chemical Engineering, Biochemical Engineering, Industrial Biotechnology, Leather Technology, B.Pharm Or M.Sc., in Biotechnology, Life Sciences, Botany/Zoology, Biochemistry, Microbiology, Genetics

ELIGIBILITY - PG PROGRAMMES

MBA:

Candidates with any UG degree from UGC recognized Universities and Institutions with 10+2+3/4 pattern and those appearing for their final examination(subject to passing) are also eligible to apply.

Admission is based on the combined score in:

- (a) UG degree marks
- (b) Entrance Test (MAT/CAT/XAT/TANCET/BSAU Entrance Test, etc.), group discussion, and personal interview.

M.Sc. Physics

B.Sc. Physics / Applied Sciences / Electronics / Electronics Science / Electronics & Instrumentation or equivalent.

M.Sc. Chemistry

B.Sc. Chemistry / Applied Chemistry

M.Sc. Actuarial Science

B.Sc. Statistics / Mathematics, B.Com. B.B.A., B.C.A., B.E., etc with Mathematics / Business Mathematics / Applied Mathematics / Statistics as one of the ancillary subjects.

M.Sc. Biotechnology / M.Sc. Genetics / Microbiology / Biochemistry & Molecular Biology / Sonology

B.Sc. Botany / Zoology / Biochemistry / Microbiology / Molecular Biology / Biotechnology / Genetics or equivalent.

MCA: (Lateral Entry- 2 Years)

Bachelor's Degree in Computer Applications / Computer Science / Information Technology.

Admission is based on the combined score in:

- (a) UG degree marks
- (b) Entrance Test conducted by the University and personal interview.



**School of
Mechanical Sciences**

PROGRAMMES OFFERED

B.Tech.

Mechanical Engineering

M.Tech.

CAD - CAM



OVERVIEW

The department of Mechanical Engineering started in 1984, right from the inception of the institute, is one of the matured departments of this institution. The programmes offered by the Department are accredited by the National Board of Accreditation (NBA).

The department organizes programmes to provide the students with industrial and practical experience through training and project work in industries to meet the industrial requirements and face real life situations effectively and boldly.

Almost all the eligible students are getting placement in Mahindra and Mahindra Ltd, Caterpillar, Larsen & Toubro, West Asia Ltd, Wipro, Infosys, Cognizant Technology Solutions, Hewlett-Packard and Tata Consultancy Services.

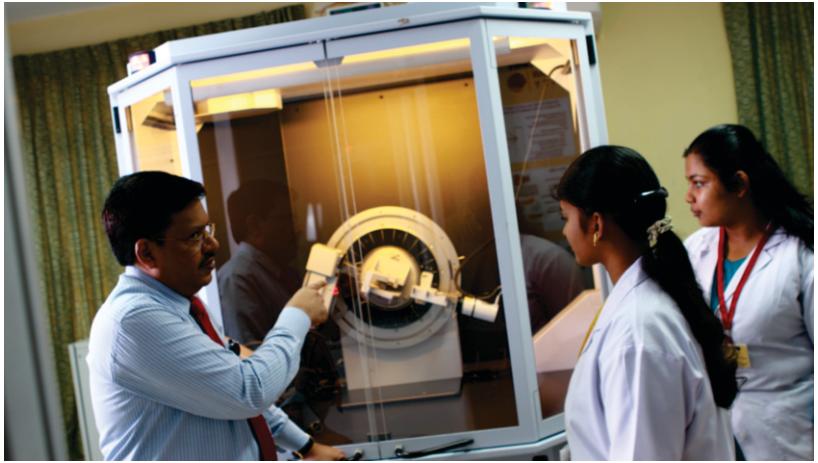
SALIENT FEATURES

- Activity / Project-Based learning (ABL / PBL) courses such as Applied Materials Engineering.
- Project based learning courses such as Industrial Robotics and Automation, Solid Mechanics, Metal Cutting and Machine Tools, Transmission Systems Design, Finite Element Analysis, and Automobile Engineering.
- Peer Assisted learning courses such as Thermodynamics, Solid Mechanics, Transmission System Design, and Machine Dynamics.

PROGRAMMES OFFERED

B.Tech.

Polymer Engineering



OVERVIEW

The department of Polymer Engineering was established in 1996 with an aim to provide technical services and manpower to various polymer industries and academic research institutions and national laboratories.

A four year undergraduate program, B.Tech. in polymer engineering, first of its kind in Tamil Nadu, was started with an intake of 30 students. The department has adequate infrastructure and well-equipped laboratories and it is empowered with a team of highly qualified faculty members.

SALIENT FEATURES

- Excellent infrastructure with extensive instruments for synthesis of polymers, testing and processing of plastics, rubbers and composites.
- Moldflow and other software for mould and product design
- Funded projects from AICTE, DST, DRDO, NRB, etc.
- World class research facility for the development of high performance polymers, polymer electrolytes, polymer nanomaterials, coatings and nanocomposites (FTIR, DSC, TGA, DMA, XRD), Electrochemical workstation, Particle size analyzer, Glove box, etc.
- Excellent scope for higher studies and research in abroad

PROGRAMMES OFFERED

B.Tech.

Aeronautical Engineering

M.Tech.

Avionics



OVERVIEW

The Department of Aerospace Engineering was started in the year 2010. The prescribed core courses cover important and exciting areas of Aeronautical Engineering including Aerodynamics, Aircraft Structures, Flight Dynamics, Propulsion, Avionics, Aircraft Design, Rockets and Missiles, Aircraft Systems and Instrumentations, and Aircraft Maintenance.

As a part of the curriculum, the students are also given the best possible training in the modeling & simulation software packages that are widely used in Aerospace Industries such as CATIA, ANSYS, HYPER-MESH, and FLUENT. ICT enhanced teaching techniques are used in the department to supplement the regular chalk and talk lectures.

SALIENT FEATURES

- Practical classes in Laboratory Facilities of the department including Aircraft Systems Laboratory, Aircraft Structures Laboratory, Aerodynamics Laboratory, Propulsion and Aero Engine Laboratory, Simulation Laboratory, Aircraft Structures Repair Laboratory, and Avionics Laboratory.
- Broad, multi-disciplinary education enabling the students to succeed in wide variety of careers including design, manufacturing, maintenance and management of Aerospace Vehicles including airplanes, helicopters, gliders, launch vehicles, missiles and unmanned aerial vehicles.

PROGRAMMES OFFERED

B.Tech.

Automobile Engineering



OVERVIEW

The department of Automobile Engineering was started in the year 2011. The employment opportunities are plenty for the right Automobile Engineers in organizations like Mahindra & Mahindra, Ashok Leyland, Tata Motors, HAL Ford, Greaves, Hindustan Motors, General Motors, Rolls Royce, etc. Apart from OEM companies Auto component Manufacturing likes BOSCH, UCAL fuel systems, Borg warner, Visteon, Wabco TVS companies and all servicing and marketing companies, Transport organizations Insurance companies.

SALIENT FEATURES

- Research facilities on various modules such as Vehicle Design, Dynamics, Control Systems, Automotive Suspensions Design and control, Automotive systems, IC Engines, Combustion Performance & Emission, Alternate fuels and Energy sources, Aerodynamics of Vehicles, and Manufacturing of Automobile Components.



School of Infrastructure

PROGRAMMES OFFERED

B.Tech.

Civil Engineering

M.Tech.

- Structural Engineering
- Construction Engineering & Project Management



OVERVIEW

The Department of Civil Engineering started in 1984 is one of the oldest and vibrant departments of this institution. The curriculum of the programmes are framed to have deep understanding of fundamental principles and concepts to handle the latest challenges in Civil Engineering.

The department has been producing high-quality technical manpower needed by industry, R&D organizations, and academic institutions.

SALIENT FEATURES

- The department regularly organizes Value Added Courses, Conferences, and Workshops. In order to promote organizational skills & leadership qualities among students, they are enrolled as members in professional societies like ASCE, SCE, ICI, etc.
- The department has been producing high-quality technical manpower needed by industry, R&D organizations, and academic institutions.



**School of Electrical &
Communication Sciences**

PROGRAMMES OFFERED

B.Tech.

Electrical & Electronics Engineering

M.Tech.

Power Systems & Engineering



OVERVIEW

The Department of EEE was established in the year 1984. The faculty members are with diversified specializations in Power System, High Voltage Engineering, Electric Machines, Power Electronics, Control System, Applied Electronics, Embedded Systems, etc.

The Department has produced more than 100 University Ranks so far, out of which 16 are Gold medalists.

At present, the department is offering an under graduate part time programme B.Tech.in EEE exclusively for employers of M/s. Apollo Tyres, Chennai.

SALIENT FEATURES

- Scope for employment in the areas of generation, transmission and distribution of electrical power supply. As a result wide opportunities are available in the state electricity boards, power grids, power generation company, transmission company, distribution company etc.
- Exposure and training in the simulation softwares like EUROSTAG, CASPOC, FEADMOS, CYME, VISSIM, MATLAB, MATCAD, PSCAD, EUROSTAG, AUPOWER, EMTP, ETAP, PSIM, MAGNET, Labview, Power System Tool Box, PSPICE, MATHCAD, ANSYS, FEA, Power World Simulator, AU power Lab, PSAT, GAMS, and AUTOCAD.

PROGRAMMES OFFERED

B.Tech.

Electronics & Communication
Engineering

M.Tech.

- VLSI & Embedded System
- Communication Systems



OVERVIEW

The Department was established in the year 1994. The department has an optimum blend of staff members with Research & Development, Industrial and Academic experience.

Enable the students to formulate, design and solve problems in applied science and engineering and train them to take up leadership roles in their career or to pursue higher education and research.

SALIENT FEATURES

- Providing Value Added Courses for the students.
- Internship for all the students in various research organizations and core industries.
- E-learning through MOOC, NPTEL and SWAYAM courses.
- Project based learning.
- Peer assisted learning.
- Consultancy and testing service in the areas of Antennas.

PROGRAMMES OFFERED

B.Tech.

**Electronics & Instrumentation
Engineering**



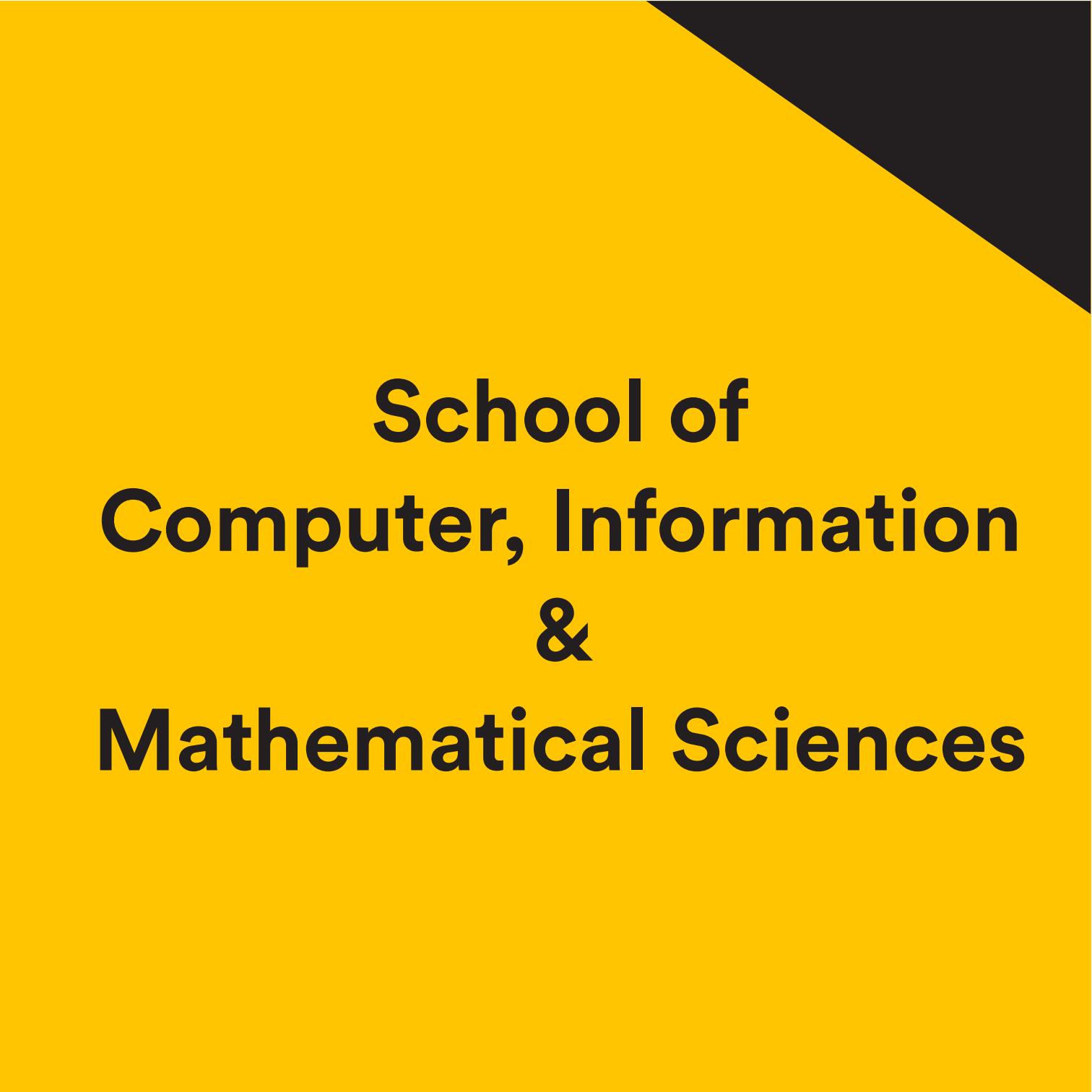
OVERVIEW

The Department of Electronics and Instrumentation Engineering was started in the year 1995. The department has well qualified and experienced faculties in all specializations such as VLSI, Embedded System, Process Control, Instrumentation, Signal Processing, and Image Processing.

Our students placed in core companies like Nagman Instruments, Invensys, Siemens, in addition to IT and ITES industries like Cognizant Technology Solutions, Infosys and Wipro. A good number of students opted higher studies. They are studying in aboard and reputed intuitions in India.

SALIENT FEATURES

- Periodic training programme being arranged for the benefit of students, research scholars, internal and external faculty from academic institutions and industries.
- Value-added course being offered for the students in “Industrial Automation”.
- Project-based learning and Peer-assisted learning.



**School of
Computer, Information
&
Mathematical Sciences**

PROGRAMMES OFFERED

B.Tech.

Computer Science & Engineering

M.Tech.

Computer Science & Engineering



OVERVIEW

The Department of Computer Science and Engineering was established in the year 1990. Over the past few years, the department has acquired national and international importance. This has been achieved by the collective and responsive effort of the faculty, the supporting staff and the students.

At present, about 53 research scholars are working in different research area ranging from Mobile Adhoc Networks, Network security, Image processing, Web mining, Pervasive computing, Soft computing and knowledge engineering language computing.

SALIENT FEATURES

- MoUs been signed with CISCO for CCNA Training program, NOVEL for SUSE Linux, IEEE CS for certification program in software engineering and with WIPRO for 12 connect programs.
- Collaboration with IBM Career Education to launch various co-branded programs for Engineering students in the Department of Computer Science & Engineering.

PROGRAMMES OFFERED

B.Tech.
Information Technology

M.Tech.
Information Technology



OVERVIEW

The department of Information Technology was started in the year 1999. It has highly qualified, experienced and dedicated faculty members specialized in various areas like Ad hoc Networks, Grid Computing, Data Mining and Software Engineering.

The department provides exposure on latest trends to the students, In-house seminars, workshops, industrial visits and a National symposium 'ICON' are conducted periodically by the department's professional society, "Society of Information Technologists (SIT)".

SALIENT FEATURES

- Training on IBM Rational Suite Enterprise and Rational Software Architect such as Rational Requisite Pro, Rational Clear Case, Rational Application Developer, and Rational Robot (Functional Testing).
- Training on Open Source Private Cloud Setup based on Eucalyptus, Autodesk Maya, etc

PROGRAMMES OFFERED

B.Sc.

Computer Science

BCA

- Cloud Technology & Info. Security
- Mobile Application & Info. Security
- Data Science
- Multimedia & Web Application Development

MCA - Regular Entry (3 years)

MCA - Lateral Entry (2 years)



OVERVIEW

The department offers Master of Computer Applications (MCA) since 1994, M.Phil (Computer Science) since 2009, Ph.D (Computer Science) since 2009, MCA (Lateral Entry) since 2014.

The department offers additional virtual lab classes, live classes, tutorial MOOC's and vocational augmentation courses through IIT Professors under MHRD's QEEE programme. Special placement opportunities on mobile development in Android/IOS platforms are also being offered.

SALIENT FEATURES

- Offering Certification Programs like CISCO-CCNA & ORACLE-OCA.
- Projects in reputed companies like Birla Soft, Fotran Circuit, DRDO, Air India, ICF, Indian Oil Corporation, HCL, IBS, Predictiva, Wipro, Infosys, etc.
- Established the state of the art data centre with 24 x 7 availability and accessibility through high end rack servers, blade servers, 10 Tera Byte SAN storage and server virtualizations.

PROGRAMMES OFFERED

M.Sc.
Actuarial Science



OVERVIEW

The Department of Mathematics was established in the year 1984 and now been upgraded as Department of Mathematics and Actuarial Science. Over the past few years, the department has acquired national and international importance.

The fundamental concepts of Financial Mathematics and demonstrate an ability to use those concepts to calculate present and accumulated values for various streams of cash flows as a basis for future use.

SALIENT FEATURES

- Providing highest standards of Actuarial ethical conduct and Professional Actuarial behavior, critical, interpersonal and communication skills as well as a commitment to life-long learning.
- Facilitating with the bases of certain Actuarial Models and Life Contingent models and can apply those models to insurance and other financial risks.



School of Life Sciences

PROGRAMMES OFFERED

B.Tech.

Biotechnology

B.Sc.

Biotechnology

M.Tech.

Biotechnology

M.Sc.

- Biotechnology
- Microbiology
- Genetics
- Biochemistry & Molecular Biology



OVERVIEW

School of Life Sciences is dedicated to achieving excellence in graduate training and undergraduate learning. Undergraduates benefit from having these world experts present the topics of their research passions in the classroom, exposing them to both the fundamental principles and the latest advancements or breakthroughs in biotechnology.

Students admitted in the school will have an opportunity to interact with our overseas trained faculty members on cutting-edge research to further our understanding of the natural world and seek answers in fields across all of biology, from molecular and cell to animal, plant and other allied areas.

SALIENT FEATURES

- International internships in foreign facilities such as the renowned Johns Hopkins school of medicine in the USA, King Fahad Merial City in Saudi Arabia.
- Students from foreign universities such as UiTM, Malaysia and more.
- Industrial exposure to the faculty members by undertaking sponsored research, consultancy work and organizing industry oriented training programs at various levels.
- Better quality of education by continuous monitoring and review of performance and counseling students.



School of Physical and Chemical sciences

PROGRAMMES OFFERED

M.Sc.
Physics



OVERVIEW

The Department of Physics caters to the needs of Science, Engineering and Technology programs. It imparts knowledge in Applied Physics, Materials Science, Basics of Electronics circuits & devices and Engineering applications.

Students will understand the challenges of a dynamically and globalized changing world adapting their skills through continuous learning and self-improvement.

Students are being professionally trained in the area of optical communication, lasers, non-linear circuits, materials development and characterization including nano materials.

SALIENT FEATURES

- Providing state-of-the-art research facilities and offer opportunities for higher education in Science, Engineering and Technology by research and development and consultancy.
- Supplementing the academic input of students by organizing seminars, conferences and guest lectures, and improving the quality of faculty members through upgradation of qualification, participation and conduction of seminars, workshops and publication of research papers and books.

PROGRAMMES OFFERED

M.Sc.
Chemistry



OVERVIEW

The Department of Chemistry established in 1984, the year of inception of Crescent Engineering College. It caters to the needs of undergraduate programmes of engineering and technology. The students are imparted knowledge in the fundamental aspects of applied chemistry and environmental science and are trained to acquire laboratory skills which will be useful in their further studies.

Motivate critical thinking and analytical skills to solve complex chemical problems, e.g., analysis of data, interpretation of spectra, prediction of chemical structure, team-based problem solving, etc.

SALIENT FEATURES

- Specialization in the areas of Nano chemistry, Green chemistry, Polymer chemistry, Catalysis, Corrosion, Pharmaceutical chemistry, and Environmental chemistry.
- Solving Problems in quantitative modeling of static and dynamic chemical systems.
- Standard laboratory equipment, and modern instrumentation to synthesize, separate and characterize compounds using published reactions and protocols.

School of Architecture

PROGRAMMES OFFERED

B.Arch.

B.Des. (Interior Architecture)

M.Arch.



OVERVIEW

The Crescent School of Architecture established in the year 2010 as one of the constituent Schools, contemplates on a Philosophy as an off-shoot of the vision and mission of the institute. Accordingly, the 5-year B.Arch. programme and 4-year B.Des programme incorporates a curriculum focusing on the individual and society interface, consideration for energy, environment and sustainability, evolving a professional who could substantially contribute to the built environment.

SALIENT FEATURES

- Hands-on workshop at building construction sites and shelter designs.
- Bamboo workshops, Mural projects and Lake restoration projects.
- Presentation and Model-making workshops and projects.

School of Law

PROGRAMMES OFFERED

BBA LLB (Hons.)

BA LLB (Hons.)



OVERVIEW

Crescent School of Law (CSL) has been established with the objective to produce high quality law graduates to cater for the ever growing need of such professionals both in the main stream legal as well as corporate fields. With this aim the CSL will run two separate 5-year Bachelor of Business Administration and Bachelor of Law; B.B.A.,L.L.B (Hons.) and Bachelor of Arts and Bachelor of Law ; B.A. L.L.B. (Hons.)

The students of the CSL will come out of the School equipped with the best legal skills to be able to successfully face the challenges in their professional life.

SALIENT FEATURES

- Honors degree program with academic rigour
- Right balance between theory and practice
- Emphasis on MOOT court practice
- Options to specialize through electives
- Special courses to enhance communication skill
- Every semester mandatory legal internship

School of Pharmacy

PROGRAMMES OFFERED

B.Pharm.



OVERVIEW

The Pharmacy education is designed to ensure that the newly qualified pharmacists acquire necessary knowledge and skills to commence practicing competently in a variety of settings including pharmaceutical industry, hospital pharmacy and for the community as a whole. Continuing in the professional development must then be a lifelong commitment for every practicing pharmacist. Crescent School of Pharmacy is an Institute where the students are inspired, guided and trained to equip the best knowledge and the necessary skill sets.

SALIENT FEATURES

- B.Pharm. degree program with academic rigor.
- Right balance between theory and practice.
- Extensive laboratory courses conducted in over nine laboratories of pharmacy school.
- Options to specialize through electives.
- Special courses to enhance communication skill.
- Mandatory internship in pharmaceutical companies.

School of Management

PROGRAMMES OFFERED

MBA

- Marketing
- Finance
- HR
- Operations
- Systems
- Entrepreneurship
- Islamic Banking & Finance
- Logistics & Supply Chain Management
- International Business



OVERVIEW

The Department of Management Studies (DoMS) was established in the year 1994 with an objective to produce competent management and business professionals to meet global needs.

Given the vast opportunities open to the MBAs, and having closer collaboration with the industries, the department has taken enormous efforts to prepare the would-be executives to stand up to the challenges of this hi-tech age, exposing them to a more sophisticated learning through projects of practical values.

SALIENT FEATURES

- Undertaking consulting assignments from Industry and Government organizations such as Ashok Leyland, Co-optex, Paranthaman Hydraulics and Equipments & Heidelberg India Pvt Ltd.
- Electives offered in all functional and contemporary areas in addition to the training in work-life skills and current management and business developments.
- In addition, the department invites a large number of professionals from Industry and foreign universities for expert sessions. The alumni of the department are also invited on a regular basis to share their work and life experience with the current students in order to keep them updated about the requirements of the job market.



Crescent School of Business

CRESCENT SCHOOL OF BUSINESS

POST GRADUATE DIPLOMA IN MANAGEMENT (PGDM)

Crescent School of Business, a part of the BSA Crescent Institute of Science & Technology (BSACIST) a deemed to be university, has been established to create leaders of tomorrow.

The students will experience a uniquely crafted curriculum and pedagogy which are administered to them through faculty who have been carefully selected for their achievements in both academics and industry.

CSB's PGDM is designed to be student centric learning that facilitates to bridge both skill and competency gaps that are essential for to face the rapid digital era challenges.

SPECIALISATION OFFERED

Marketing, HR, Finance, Operations, Systems, International Business, Entrepreneurship, Logistics & Supply Chain and Business Analytics



WHY CRESCENT SCHOOL OF BUSINESS ?



Work on live projects
Experiential Learning



Top-notch faculty
from India and overseas



1:1 Mentorship
Get coached by industry experts



100% Placement Support
Dedicated Placement Cell



World-class Curriculum
Harvard Publishing & Wharton



CSB Campus



School of Social Sciences & Humanities

PROGRAMMES OFFERED

B.Com. (General)
B.Com. (Hons.)
B.Com. (Accounts & Finance)
BBA (General)
BBA - Financial Services (with CIMA Certification)
BBA - Entrepreneurship & Family Business



OVERVIEW

The Department of Commerce of the institution offers the following degree programmes from June 2017. B.Com. (General) and B.Com. (Accounts & Finance), B.Com. (Accounts & Finance), BBA (General), BBA - Financial Services (with CIMA Certification), BBA (Entrepreneurship & Family Business) are the degree programme offered in the department of commerce.

SALIENT FEATURES

- Centre of excellence in Commerce and produce employable graduates with good communication skill.
- Preparing graduates to become Entrepreneurs and graduates with values, ethics and socially conscious person.
- Sound conceptual base in commerce and business.
- Entrepreneurial and social entrepreneurial skills among the students.

PROGRAMMES OFFERED

B.A. English (Hons.)



OVERVIEW

The Department of English was established in the year 1984. It offers courses such as Technical English and Communication Skills for UG and PG programmes. The Department has offered value added programmes like Business English Certificate Programme and Japanese course in order to improve the employability prospects of the students.

SALIENT FEATURES

- Audio Lab consisting of 30 seaters with a teacher control unit catering to the development of listening and speaking skills of students. Students can record their speech and play it back to listen to their own voice, accent and pronunciation and get self-motivated.
- Improving the quality of learning and teaching English further at international level.
- Providing teachers an opportunity for professional competence.



School of Arabic & Islamic Studies

PROGRAMMES OFFERED

B.A. - Islamic Studies (Arabic Medium)

B.A. - Islamic Studies (English Medium)

M.A.

Islamic Studies



OVERVIEW

The school was established in the year 2010. It offers programmes of certificates, diplomas, under graduate, post graduate and research degrees in Islamic Studies. The school has designed a world class curriculum taking into consideration of the expertise from the world famous Al Azhar University, Egypt and Ummul Qura University, Holy Makkah, Saudi Arabia.

SALIENT FEATURES

- Interdisciplinary programme.
- Focus on faith based studies.
- The programme includes Quranic Studies, Hadeeth, Islamic Jurisprudence, Islamic Finance, History of Civilization, Philosophy, Comparative Religion and Arabic Translation Skills.
- Arabic & English mediums followed.

Campus Facilities

FOOD COURT

The Institute canteen consists of four long and wide halls and is very well furnished. Apart from being a place that offers delicious, healthy and nutritious meals for students and staff, it has always been a place for relaxation and friendly banter.

In this beloved hangout for college-goers, one can experience every shade and color of life. Apart from the usual menu, the canteen also boasts Of 2 kiosks for fresh juices and milk-shakes.



LIBRARY

The Students have access to two different library facilities namely the General Library and the Digital Library.

The Central Library comprises large numbers of volumes of books and 2500 National and International periodicals. The Library uses electronic Students Relation Management System (eSRM) open source Integrated Library System, for its in house activities.

The Institute library has over 7000 books and 30000 titles, covering every branch of Engineering, Technology, Management, Architecture, Physical, Chemical and Life Sciences. It has a moderate collection of literature and social sciences books. The e-Books are made accessible through Library Portal and through Central Streaming Server. The Library also subscribes to over 250 print journals.



HOSTEL

The Institute has excellent hostel facilities and infrastructure on the campus that make students feel comfortable and at home. There are men's hostel which can accommodate up to 1300 in single, double and dormitory type rooms. It has a secure women's hostel which can accommodate up to 300 in single, double and dormitory type rooms.

Hostels maintaining international standards of cuisine and comfort, with a caring and sharing environment, have been proposed, with separate buildings for men and women students.



STAFF QUARTERS

There are 74 residential flats for executive teaching and non-teaching staff. Their presence on campus makes them accessible to the students in need of counsel and helps ensure prompt response in case of any eventuality. Their accessibility reassures and inspires the students community.



HEALTH CENTRE

A healthy body and a sound mind are the mainstays of academic and personal excellence. For the benefit of students, the institute has a health centre that is operational 24 x 7 with additional 8 bed in-patient facility and an ambulance. Two resident doctors, one male and one female, are ably supported by qualified paramedical staff to ensure smooth operations. A specialist doctor makes weekly visits to the hostel. The institute also has a tie-up with AG Hospital, Tambaram, for emergencies.



TRANSPORT

The institution is well connected with the common transport services. In addition to that college buses are available. Faculties are also picked by cars and vans.

Vehicle	No.
Buses (AC)	20
Buses (Non-AC)	6

SPORTS & FITNESS CENTRE

Physical Education is a process of learning through physical activities designed to improve physical fitness, develop motor skills, knowledge and behavior of healthy and active living, sportsmanship and emotional intelligence. Physical Education is not only aimed at physical development but also includes the development of the individual as a whole.

- To motivate students in participation of sports and games.
- To increase continually the achievement level in inter – Institutional Tournaments.
- To increase the number of students’ participation in the inter – University Tournaments.
- To create awareness among all students for all round personality Development through sports activities.



CRESCENT INNOVATION & INCUBATION COUNCIL (CIIC)

Crescent Innovation & Incubation Council (CIIC) has been established as a Section-8 not for profit company and will act as a “One Stop Shop – Technology Business Incubator (TBI)” for Start-ups. CIIC facilitates entrepreneurial & innovative ecosystem to all the stakeholders including the students, faculty, industry, investors and society at large. CIIC is under the ambit of BSA Crescent Institute of Science & Technology which is deemed to be university under section 3 of UGC Act 1956. CIIC is presently focusing on the disruptive technologies in the domains of Industry 4.0, Life Sciences & Mobility Transportation.



BOOK SHOP

The campus is facilitated with a Book Shop, partnered with HIGGINBOTHAMS which benefits the students, staff and even the visitors with new Books in the market, Novels, Stationaries and other merchandise.



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

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