



THE DEPARTMENT OF INFORMATION TECHNOLOGY 2021 - 22



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About the college

B.S. Abdur Rahman Crescent Institute of Science and Technology has been a premier institution dedicated to academic excellence since its establishment in 1984. With a legacy spanning over 40 years, the institution has consistently provided access to a diverse range of academic opportunities. Offering 57 programmes across 12 different schools, along with Ph.D. programmes in all disciplines, it has emerged as a distinguished leader in higher education, renowned for its commitment to quality, security, and placement. Welcoming students from across the globe, the institution designs its educational programmes to equip learners with the knowledge and skills necessary to achieve their aspirations and advance in their chosen careers.

As an intellectual hub, the institution fosters an environment that challenges conventional thinking and inspires a passion for learning. Its distinctive teaching approach encourages students and scholars to strive for excellence, both individually and collectively. Beyond delivering high-quality education, the institute offers a green campus and a well-structured student life, ensuring that learners make the most of their academic journey. Through a diverse range of educational programmes and student development clubs, the institution provides enriching experiences that nurture personal and professional growth, cultivating a lifelong sense of community and belonging.

About the Department of Information Technology

The department was started in 1999 and has been offering B.Tech.-Information Technology since 1999, M.Tech.-Information Technology since 2010 and Ph.D since 2009. It has highly qualified, experienced and dedicated faculty members specialized in various areas like Artificial Intelligence, Deep Learning, Machine Learning, IoT, IIoT, Data Science, Cyber Security, Cloud Computing, Mobile Computing & Networks, Computer Networks, Ad hoc Networks and Software Engineering.

The faculty members contribute their very best to the academic environment by publishing research papers in National and International Journals. The department imparts comprehensive knowledge coupled with practical exposure, which is essential for software design, development and testing in the IT industry. To expose latest trends to the students, value-added courses, MOOC, in-house seminars, workshops, industrial visits are conducted periodically. A National level symposium 'ICON' is organized every year by the department's professional society, "Society of Information Technologists (SIT)" to enhance the technical skills of the students.



Conferences, Workshops, and Guest Lectures

The department successfully organized several academic events to bridge classroom learning with real-world trends. On November 26, 2021, a seminar titled "Embrace Technology" was delivered by Mr. Charles Godwin, HR Head at Zoho Corporation, drawing an enthusiastic audience of over 130 students.



Another major event was a guest lecture on "Branding Yourself", conducted on May 25, 2022, by Mr. Joshwa David, India Campus Lead at Mphasis, which focused on personal branding and professional growth.

The department also hosted the 45th Indian Social Science Congress from March 28 to April 1, 2022, a multi-disciplinary conference that included participation from IT faculty and students.



Technical Symposium – ICON 2022

The Department of Information Technology hosted its annual national-level technical symposium, ICON 2K22, on June 25, 2022, bringing together passionate minds from across the country for a day of innovation, interaction, and excitement. The event was inaugurated by Mr. Joshua David M.D, India Campus Lead at Mphasis, Chennai, who delivered a compelling keynote on “Brand You”, emphasizing the importance of personal branding in the digital era.

ICON 2K22 drew participation from over 150 students from institutions including DG Vaishnav College, The New College, St. Joseph’s College of Engineering, and the Sairam Group of Institutions, in addition to the enthusiastic turnout from BSACIST students. The day was a celebration of talent, skill, and collaboration, with both technical and non-technical events designed to challenge and engage participants.



The symposium featured a blend of five technical and five non-technical events, designed to test a broad spectrum of skills. Technical events focused on coding, debugging, cybersecurity, and cryptography challenges – including paper presentations, ethical hacking simulations, and puzzle-based logic games. Non-technical events brought in elements of strategy, gaming, endurance, and team problem-solving through activities like treasure hunts, virtual game battles, multi-level challenges, fitness tests, and an IPL-style auction simulation.

The event provided a perfect mix of intellect, innovation, and interaction, offering participants a valuable platform to explore, compete, and connect.



Value-Added Courses

To equip students with practical software development skills, the department conducted a series of value-added programmes through the Spoken Tutorial platform. Courses in Java, HTML, R programming, C programming, and PostgreSQL RDBMS were offered across two terms, enrolling over 350 students in total. These initiatives played a key role in enhancing foundational programming and data handling capabilities among undergraduate learners.

Faculty Development and Participation

Faculty members continued to expand their expertise through a variety of FDPs and workshops.

Dr. Nabeena Ameen participated in a webinar on Ethical Hacking and attended an FDP on Blockchain Technologies.

Dr. P. Gnanasekaran was actively involved in FDPs on Machine Learning, Deep Learning, and Digital Twin Technologies conducted by Eswari Engineering College and Sathyabama Institute.

Dr. M. Kabeer completed an NPTEL course on Machine Learning for Soil and Crop, and

Dr. N. Rajendran took part in a national-level workshop on NIRF Rankings, conducted by Institute for Academic Excellence, Hyderabad.

These programs reflected the department's commitment to staying updated with emerging technologies and integrating them into teaching.

Industry Connect & MoUs

A Memorandum of Understanding was signed with Infosys on November 27, 2021, enabling students to complete online certification programmes like Springboard. This collaboration aims to boost employability through self-paced learning aligned with industry expectations.

As part of the 45th Indian Social Science Congress, students and faculty participated in extension sessions under themes such as Current Research in Computer Science and People's Health and Quality of Life. These events promoted interdisciplinary research, communication skill development, and public awareness of technology-driven societal impacts.

List of publications by faculties (2021 - 22)

(Links to details)

Dr. N. Prakash

Dr. I. Sathik Ali

Dr. Kabeer M

Dr. N. Rajendran

Dr. P. Gnanasekaran

Dr. G. Kavitha

Dr. P. Latchoumy

Dr. Nabeena Ameen

Dr. A. Sonya

Achievements of students and faculties

Several faculty members were honored with Research Incentive Awards by BSACIST for the year 2020 and 2021. Recipients included Dr. Latha Tamil Selvan, Dr. Munir Ahamed, Dr. G. Kavitha, Dr. P. Latchoumy, Dr. N. Rajendran, and Dr. Nabeena Ameen. Additionally, Dr. G. Kavitha, Dr. P. Gnanasekaran, and Ms. A. Sonya were recognized with Appreciation Awards for conducting Value-Added Courses in association with IIT Bombay.

IT students made their mark in various technical and cultural activities. Students Shaila Banu, Pradhiksha G, and Sneha B co-authored a book titled Tech in MED published by BSACIST. M. Mohamed Imran Khan earned multiple recognitions, including "Star of Rotaract", Best Supporter of the Club, and an entry in the Orange World Record for cultural contribution. Meanwhile, Shylesh Gideon won the PUB-G gaming competition during ARCANE 2K22 and was honored as a Supporting Rotaractor.