



St. XAVIER'S
CATHOLIC COLLEGE OF ENGINEERING
(Autonomous)

Chunkankadal, Nagercoil - 629003
Kanyakumari District, Tamil Nadu

Approved by AICTE & Affiliated to Anna University, Chennai
Accredited with 'A' Grade by NAAC
UG Programs(ECE, EEE, Mech, Civil, CSE & IT) Accredited by NBA
Anna University Recognized Research Institute
Recognized under section 2(f) & 12(B) of UGC Act, 1956
UG Programs(ECE, EEE, Mech, Civil, CSE & IT).
MBA & MCA Programs Permanently Affiliated

Department of Information Technology

2025-2026

Annual Report

Date: 10-04-2026

The Department of Information Technology carried out a wide range of academic and research activities during the academic year 2025–2026 through BRIGITZ Association. These activities focused on enhancing students' technical knowledge, innovation skills, industry exposure, and career readiness.

Commencement of Activities

The academic activities were formally initiated with the inauguration of the BRIGITZ association on **19 September 2025**, marking the beginning of innovation-driven programs and student skill development initiatives.

Workshops/Seminars/Webinars

On **19 September 2025**, a seminar was conducted on **innovative approaches in software testing, focusing on AI-driven automation, modern tools, and advanced testing techniques**. The seminar was delivered by **Mr. Ayshwar Amrit**, Team Lead, Empower, Bangalore. The session provided valuable insights into current industry practices and emerging trends in software testing.

On **02 August 2025**, a UI/UX Innovation Workshop and a seminar on **Digital Advertising** were conducted to provide students with practical skills in designing user-friendly digital interfaces and understanding modern marketing strategies such as audience targeting and branding. The sessions were delivered by **Mr. Vignesh**, UI/UX Designer, JClick Solutions, and **Mrs. Benujah B.R**, Senior Technical Trainer, JClick Solutions.

On **06 August 2025**, a seminar on **Generative AI** was organized to introduce students to modern AI tools and their applications in transforming ideas into real-world solutions. The session was handled by **Mr. T. Abinash**, AI & ML Engineer, Networkz Systems.

On **12 August 2025**, a workshop on **ZOHO RPA Automation** was conducted to provide students with practical exposure to robotic process automation and email workflow

automation. The session was delivered by **Ms. W. Merin Wincy**, our Alumnus, Assistant Head, ZitAcad, Nagercoil.

On **18 August 2025**, a guest lecture titled **QEngine Fuels Innovation** was conducted to provide insights into predictive analytics, data-driven testing practices, and innovation in software testing. The session was handled by **Ms. W. Merin Wincy**, our Alumnus, Assistant Head, ZitAcad, Nagercoil.

On **02 September 2025**, a guest lecture was organized to equip students with innovative thinking, career readiness, and personal development skills required for professional success. The session was delivered by **Ms. Gayathri Sadhana S**, our Alumnus, Senior Associate Engineer, Atos Pvt. Ltd., Chennai.

On **03 September 2025**, a seminar on **GATE Preparation Strategies** was delivered by **Ms. Renees Jenisha J**, final year IT to guide students on effective preparation strategies, time management, and competitive exam readiness.

On **09 September 2025**, a workshop on **Hardware, Networking, and Cloud Infrastructure** was conducted to provide practical exposure to IT infrastructure and real-world networking systems. The session was handled by **Dr. Annrose J, Dr. M. Antony Joans Kumar, Mr. M. John Roobert and Mr. John Paul**.

On **12 September 2025**, a seminar on **From Idea to Startup** by **Dr. M. Antony Joans Kumar** was organized to guide students in transforming academic projects into innovative startup ideas through proper validation and entrepreneurial strategies.

On **16 September 2025**, a workshop on **Cisco Packet Tracer** was conducted to train students in designing and simulating network topologies. The session was delivered by **Mr. M. Vijay Ganesh**, Network Consulting Engineer, Cisco, Bengaluru.

On **22 September 2025**, a workshop on **Responsive Web Design** was conducted to teach students how to develop mobile-friendly and adaptable web applications using Bootstrap. The session was handled by **Ms. Akshaya**, Python Developer, Feather Softwares, Nagercoil.

On **23 September 2025**, a workshop on **Computer Architecture** was conducted to provide hands-on understanding of hardware components and system architecture. The session was delivered by **Dr. M. Antony Joans Kumar and Mr. M. John Roobert**.

On **25 September 2025**, a seminar on **Professional Video Editing Skills** was conducted to enhance students' knowledge of video editing tools, techniques, and multimedia content creation. The session was handled by **Ms. Jabalin Dagesha**, Technical Trainer, G-Tec Computer Education, Nagercoil.

On **26 September 2025**, a workshop on **Chatbot Development** was conducted to enable students to design and deploy chatbots using no-code platforms, fostering innovation and creativity. The session was delivered by **Ms. W. Merin Wincy**, Assistant Head, ZitAcad, Nagercoil.

On **17 October 2025**, a seminar on the **React Framework** was conducted to provide insights into building scalable web applications using modern frontend technologies such as components, hooks, and state management. The session was delivered by **Ms. S. Manosica** System Analyst, Agilysys Technologies, Chennai.

On **07 January 2026**, a workshop on **Scalable Web Applications** was conducted to explore modern full-stack development using React.js, Java Microservices, and MongoDB. The session was handled by **Mr. Antony Johith Joles R**, Trainer, Infozenx IT, Nagercoil.

On **08 January 2026**, a seminar on **Power BI** was organized to introduce students to business intelligence concepts and data visualization techniques for effective decision-making. The session was delivered by **Mr. Sobin JM**, Founder, RexKnar Creative Solutions, Nagercoil.

On **09 January 2026**, a seminar on **Emerging IT Skills and Career Pathways** was conducted to create awareness about industry trends, required skills, and future career opportunities. The session was handled by **Mr. S. Sahaya Jeas** and **Mr. Abhinesh AS**, White Track Technologies Pvt. Ltd., Nagercoil.

On **12 January 2026**, a workshop on **AI-Powered UI/UX Design** was conducted to train students in AI-based prototyping techniques using Figma, enhancing their design and innovation skills. The session was delivered by **Ms. T. L. Thanika**, UI/UX Designer, Networkz Systems.

On **30 January 2026**, a seminar on **Advanced Data Science** was conducted to provide insights into industry-required analytical and computational skills and to bridge the gap between academic learning and professional requirements. The session was delivered by **Mr. Mervin Prasanth, Mr. Xavier Bastin, and Mrs. Kavitha**, T.I.M.E., Nagercoil.

On **10 February 2026**, the **Young Indians Social Impact Awareness Program** was conducted to promote leadership, social responsibility, and community engagement among students. The session was delivered by **Mr. Sateesh Kumar**, Founder & CEO, Agile Tribers, Nagercoil.

On **19 February 2026**, a **Future Readiness Program** was conducted to guide students on career planning, higher education opportunities, and industry expectations. The session was delivered by **Mr. Mervin Prasanth**, Director, T.I.M.E., Nagercoil.

On **21 February 2026**, a webinar on **Real-World Web Scraping: Challenges, Ethics & Opportunities** was conducted to provide insights into web data extraction techniques, ethical considerations, and real-world applications. The session was delivered by **Ms. Deepthi R.S**, Technical Trainer, E-Max Education, Nagercoil.

On **23 February 2026**, a webinar on **Smart IT Operations: Configuration Management and Continuous Testing** was conducted to introduce DevOps practices using tools like Ansible and Apache JMeter. The session provided knowledge on Infrastructure as Code (IaC), CI/CD workflows, and performance testing. It was delivered by **Mrs. Goms**, CEO,

CubenSquare, Chennai, **Mrs. Vinitha Michael Xavier**, DevOps & Cloud Engineer, CubenSquare, Chennai and **Mrs. Monica Priya Murali**, Senior Software Engineer, CubenSquare, Chennai.

On **09 March 2026**, a webinar on **Intellectual Property Rights (IPR)** was conducted to create awareness about protecting inventions and innovations through legal rights and preventing unauthorized use. The session was delivered by **Ms. Deepa R**, Assistant Professor, AI & ML, St. Joseph's College of Engineering.

On **23 February 2026**, a Program on **Innovation Driven Career Development** was conducted to guide students in building future-ready careers through innovation, creativity, and skill development. The session was delivered by **Ms. R. L. Rekha**, Technical Manager, CadPoint Engineering Solutions Pvt. Ltd.

Industrial Visits / Field Visits / All India tour

On **12 – 13 September 2025**, III year students visited **Softsquare Solutions, TechLab Electronics, and VI Microsystems**, Chennai, as part of an **industrial visit** to gain practical exposure to real-time software development practices and industry applications. The visit helped bridge the gap between academic learning and industry requirements.

On **25 August 2025**, III year students visited **Maffire**, Nagercoil, as part of a **field trip** to gain practical exposure to cloud service models such as IaaS, PaaS, and SaaS and their real-world industrial applications.

On **25 September 2025**, IV year students visited **REGIN Imports and Exports Pvt. Ltd.** as part of a **field trip** to understand industrial practices, production cycles, and operational workflows in a real-world manufacturing environment, particularly in the cashew processing industry.

From **02 - 11 January 2026**, an All India tour was organized for final-year students, covering major places in North India such as Manali and Delhi.

On **30 March 2026**, II year students visited **Srishti Innovative** and **ISRO**, Trivandrum, as part of an **industrial visit** to gain exposure to innovative technologies and space research environments, enhancing their understanding of advanced technological applications.

Faculty Development Program

A One-Week Faculty Development Program on **“Research Applications in Generative AI”** was conducted from **05 January 2026 to 10 January 2026**, providing exposure to advanced AI tools and research methodologies.

Value Added Courses

On **08–09 September 2025**, a workshop on embedded systems was conducted to provide students with hands-on experience in designing embedded and IoT-based applications. The session enabled students to develop skills for building smart and connected real-world solutions. The workshop was delivered by **Mr. M. Sujith**, R&D Engineer, Athith Mithra Industrial Technologies Pvt. Ltd.

The department offered value-added courses for final year students through **ICT Academy**, focusing on **Power BI** and **Amazon Web Services (AWS)**. These courses enhanced students' practical skills in data analytics and cloud computing, improving their industry readiness and employability.

Webinars By Alumni / Industry Expert

On **16 February 2026**, a webinar on “**Interview to Impact**” was conducted, focusing on interview preparation, resume building, and professional communication skills. The session was delivered by **Mr. Jerlin J.R.**, Software Engineer & DBA Developer, Mafiree.

On **19 February 2026**, a webinar on “**Computational Skills: Industry Expectations**” was organized to enhance students' understanding of coding, problem-solving, and industry-required technical skills. The session was handled by **Mr. Roy Antony Arnold G.**, Lead Consultant, Infosys.

On **21 February 2026**, a webinar on “**Real-World Web Scraping: Challenges, Ethics & Opportunities**” provided insights into data extraction techniques, ethical considerations, and industry applications. The session was delivered by **Ms. Kavitha R.**, Managing Director, JK Web Technologies.

On **23 February 2026**, a webinar on “**Smart IT Operations: Configuration Management and Continuous Testing**” focused on DevOps practices, automation tools, and continuous testing methodologies. The session was conducted by **Mr. Gomathi Subramanian**, CEO, Cubensquare, Chennai, **Mrs. Vinitha Michael Xavier**, DevOps & Cloud Engineer, Cubensquare, Chennai and **Mrs. Monika Priya Murali Krishnan**, Senior Software Engineer, Cubensquare, Chennai.

On **28 March 2026**, a webinar on “**AI in Manufacturing**” highlighted the role of artificial intelligence in modern industrial applications and automation. The session was delivered by **Dr. SGK. Manikandan**, General Manager & Scientist, ISRO.

Competitions

The department conducted various **intra-department competitions**, including debugging, paper presentation, quiz, project presentation, and idea pitch with poster presentation, to enhance students' technical and analytical skills.

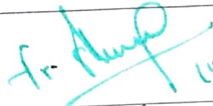
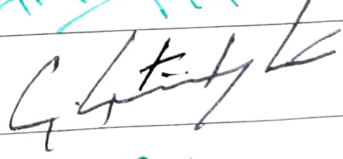

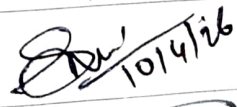
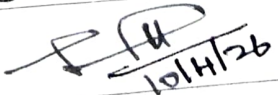
As part of **International Women's Day 2026** celebrations, competitions such as poster design, innovation pitch, and leadership role play were organized to promote creativity, leadership, and empowerment among students.

On the occasion of **National Science Day 2026**, competitions including data visualization and journal review were conducted, encouraging students to develop research-oriented thinking and analytical abilities.

As part of **World Water Day 2026**, the department organized an awareness program aligned with the theme "Water and Gender" and SDG 6: Clean Water and Sanitation. Students actively participated in "Young Minds Talk," promoting water conservation, sustainability, and environmental responsibility.

Through the conduct of various workshops, seminars, industrial visits, webinars, and competitions, students gained practical knowledge and improved their understanding of emerging technologies. The department consistently encouraged students to participate in hackathons, technical competitions, and in inter-college competitions and secured prizes, demonstrating their technical competence and innovative capabilities. They also showcased their projects and ideas in exhibitions and innovation events such as Intellitech 2026 and the IEEE Project Expo 2026, which enhanced their creativity, problem-solving ability, and confidence.

Thus, the academic year 2025–2026 witnessed significant progress in academic performance, technical skill development, and industry exposure.

Signature of Dignitaries on the Dais	
Rev. Fr. S. Godwin Selva Justus, Correspondent	 10/04/2026
Mr. Satheesh Kumar, Founder and CEO, Agile Tribers	
Dr. J. Maheshwaran, Principal	 10-4-26
Dr. Suja A. Alex, Associate Professor, HoD / IT	 10/4/26
Dr. G. Geo Jenefer, Assistant Professor, Faculty Advisor, BRIGITZ	 10/4/26