



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

Chunkankadai, 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

TechPulse

2025-2026 Vol. II - Issue II





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The Department of Information Technology offers an excellent atmosphere for students to learn and acquire the necessary skills demanded by the industry. The department has experienced faculty members who are fully committed to teaching and research and are specialized in various field of Information Technology. The students have access to well equipped, state-of-the-art laboratories with superb Internet facilities. A wide range of research activities undertaken in the department allow the students to gain contemporary knowledge about real-life problems in the industry. Professional activities like Symposium, Paper Presentation, Technical seminars are organized at regular intervals. Most of the students of our department are the members of technical bodies like IEEE, ISTE, CSI etc., Under the guidance of these faculty members the students are not only given a good exposure both in theory and practical but also a better way about How a human to be in our society.

This department also offers various value added training programs and international certification courses. The department has brought out outstanding engineers in the past and will continue in doing so in the years to come

Salient Features

- Excellent record of academic achievement extending 25 years.
- Experienced and dedicated faculty with 6 Ph.D. holders and 4 pursuing Ph.D's.
- Every classroom has a wall-mounted LCD.
- The project lab, IT lab, and computer center are designed to assist faculty and students in using computers and completing projects online.
- Every lab has air conditioning installed with the most recent system configurations.

Accredited By



HoD's Message

It gives me great pleasure to connect with you through this February 2026 edition of our Department Newsletter. This issue reflects the continued enthusiasm and commitment of our Department of Information Technology towards academic excellence, innovation, and holistic student development. The month of February has been vibrant with a variety of academic enrichment activities aimed at strengthening knowledge, skills, and research orientation among our students. These initiatives play a vital role in nurturing critical thinking and preparing students to meet emerging technological challenges.



Dr. Suja A. Alex
Associate Professor & Head
Department of Information Technology

We take pride in the remarkable achievements of our students during Sports Day, College Day, and Fine Arts Day. Their active participation and success in these events highlight the importance of balancing academics with extracurricular excellence, contributing to their overall personality development. A special highlight of this month is the successful organization and participation in the NeuraX'26 Hackathon, where our students demonstrated innovation, teamwork, and problem-solving abilities. It is also encouraging to note the enthusiastic participation of our students in GATE 2026, reflecting their aspiration for higher studies and academic growth.

Our faculty members continue to excel in their professional endeavors, contributing through research, publications, and academic engagements. Their dedication significantly enhances the quality of education and research culture within the department. We are also delighted to share the placement highlights for February 2026, which stand as a testament to the consistent efforts of our students and the support provided by the department in shaping their career paths.

I sincerely appreciate the efforts of our faculty, students, and the editorial team for their valuable contributions in making this newsletter informative and meaningful. Let us continue to work together with dedication and strive for greater achievements in academics, research, and innovation.

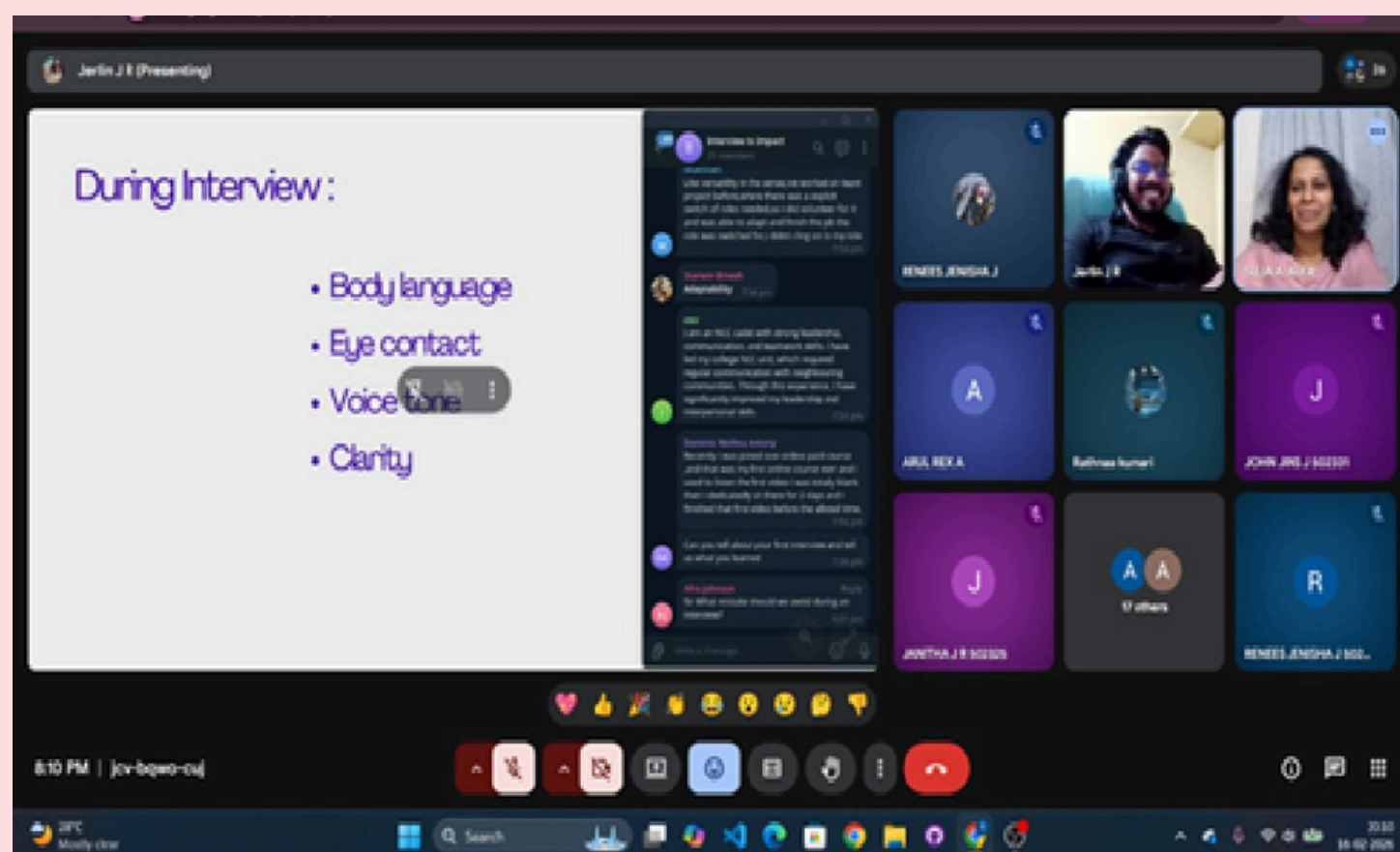
Academic Enrichment Activities

Young Indians Social Impact Awareness Program

The Department organized a seminar on February 10, 2026, for III-year students, led by Mr. Satheesh from Agile Tribers. The session emphasized the importance of social responsibility, encouraging students to actively engage in community development and contribute to nation-building initiatives. The speaker shared real-life insights, motivating participants to take initiative, develop leadership qualities, and become responsible citizens.



Alumnus Talk: Interview to Impact



The Department organized a webinar titled “Interview to Impact” on February 16, 2026, for students, led by Mr. Jerlin J.R., Software Engineer and DBA Developer at Mafiree - Managed Database Services & Consulting. The session focused on enhancing communication strategies, effective resume building, and confidence development for interviews, while also providing valuable insights into current industry trends, in-demand IT skills, and career opportunities.

Students actively participated in the session through interactive discussions and queries, showing keen interest in the topics covered.

CONVENER:

Dr. Suja A. Alex
Associate Professor &
HoD / IT

COORDINATORS:

- **Mr. A. Arul Rex**
Assistant Professor / IT
- **Er. P. Agnes Alex Rathy**
Assistant Professor / IT

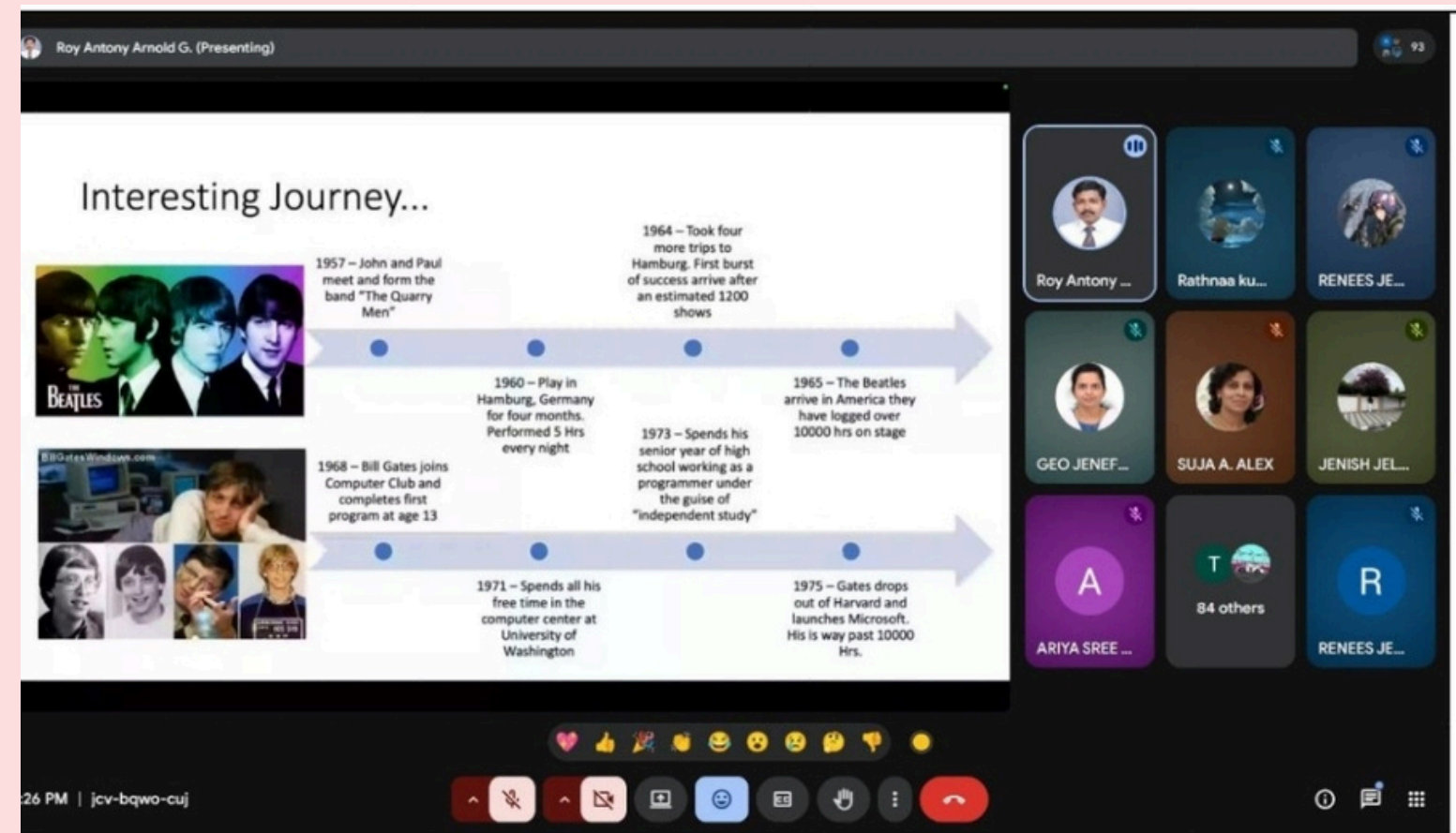
FACULTY ADVISOR:

Dr. G. Geo Jenefer
Assistant Professor &
Faculty Advisor – BRIGITZ

Academic Enrichment Activities

Computational skills: Industry Expectations

The Department organized a webinar titled “Computational Skills: Industry Expectations” on February 19, 2026, for students, led by Mr. G. Roy Antony Arnold, Lead Consultant at Infosys. The session focused on equipping students with essential technical, professional, and future-oriented skills required in emerging industries. Students actively participated in the session, gaining valuable insights into industry expectations, skill development, and career readiness, which will help them better prepare for future opportunities.



Future Readiness Program



The Department organized a seminar titled “Future Readiness Program” on February 19, 2026, for students, led by Er. Mervin Prasanth, Mr. Xavier Bastin, and Mrs. Kavitha from T.I.M.E. The session provided valuable insights into essential industry skills and focused on bridging the gap between academic learning and IT industry expectations. Students actively participated, gaining a better understanding of career requirements, skill development, and the competencies needed to succeed in the professional world.

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Associate Professor &
HoD/IT

COORDINATOR:

Er. P. Agnes Alex Rathy
Assistant Professor / IT

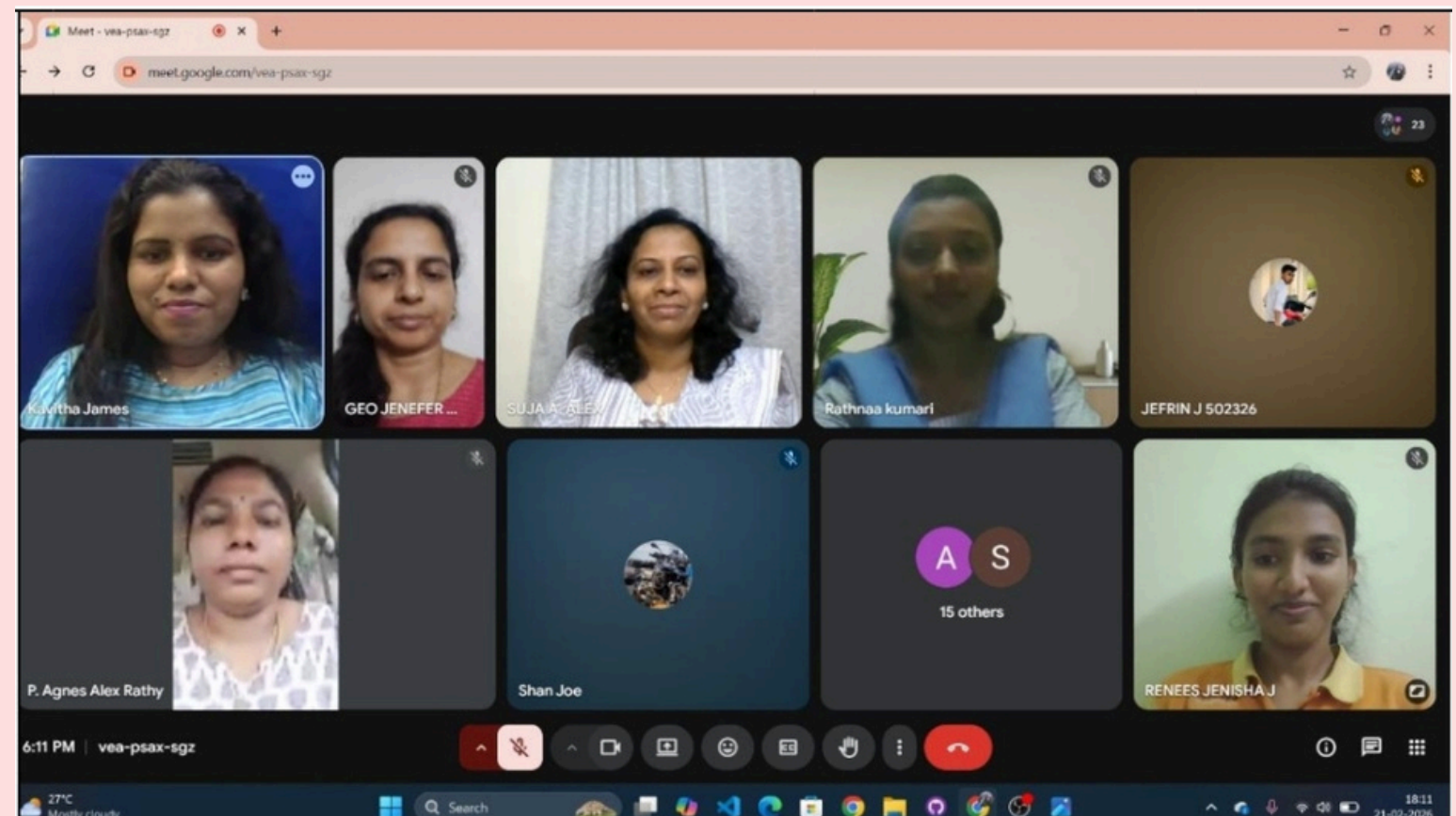
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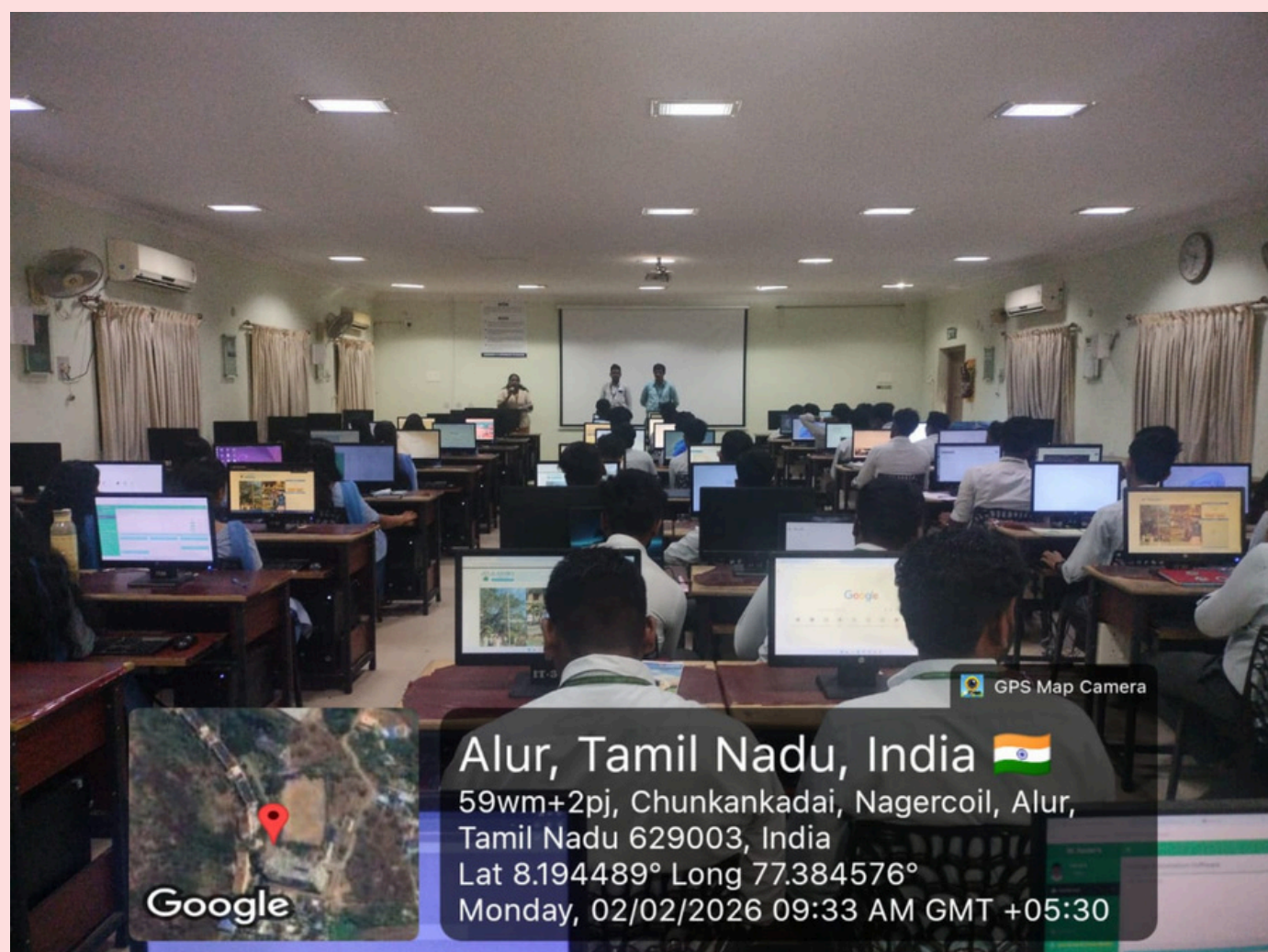
Academic Enrichment Activities

Alumnus Talk: Real World – Web Scraping: Challenges, Ethics & Opportunities

The Department of Information Technology organized a webinar titled “Real World Web Scraping: Challenges, Ethics and Opportunities” on February 21, 2026, for students, led by Ms. R. Kavitha, Managing Director at JK Web Technologies. The session focused on educating students about web scraping techniques, ethical considerations, and legal aspects, along with highlighting related career opportunities. Students actively participated, gaining practical knowledge and a deeper understanding of responsible data usage and its applications in the real world.



AWS - Value Added Course



A one-week value-added course on AWS was conducted from February 02 to February 07, 2026, for final-year IT students on “AWS Academy Graduate – Cloud Architecting.” The course provided in-depth knowledge of cloud computing concepts, including cloud architecture design, deployment models, and core AWS services. Students gained hands-on experience in building and managing scalable, secure, and cost-effective cloud solutions, enhancing their practical skills and industry readiness.

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Assistant Professor / IT

FACULTY ADVISOR:

Dr. G. Geo Jenefer,
Assistant Professor &
Faculty Advisor – BRIGITZ.

Student Achievements - Sports Day

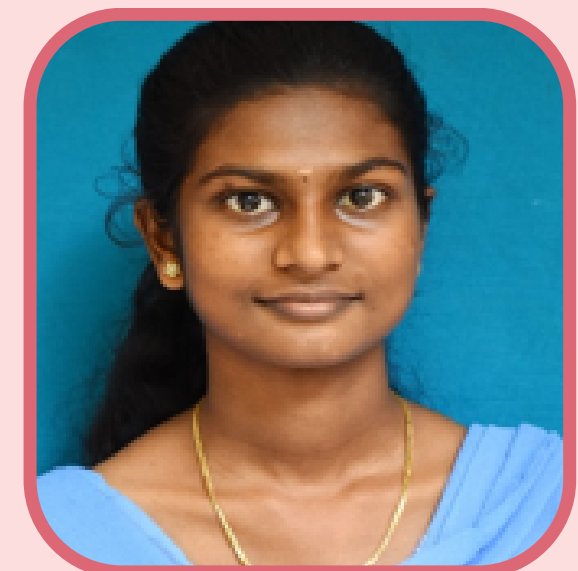
The IT Department secured first place in the March Past on Sports Day.



Anushiah S

Won second place in badminton and basketball, and earned third place in throwball, showcasing excellent athletic performance.

Delivered an outstanding performance by earning first place in basketball and throwball.



Pon Dharshiga P



Sharan Zona I

Earned third place in badminton, showcasing commendable effort and skill.

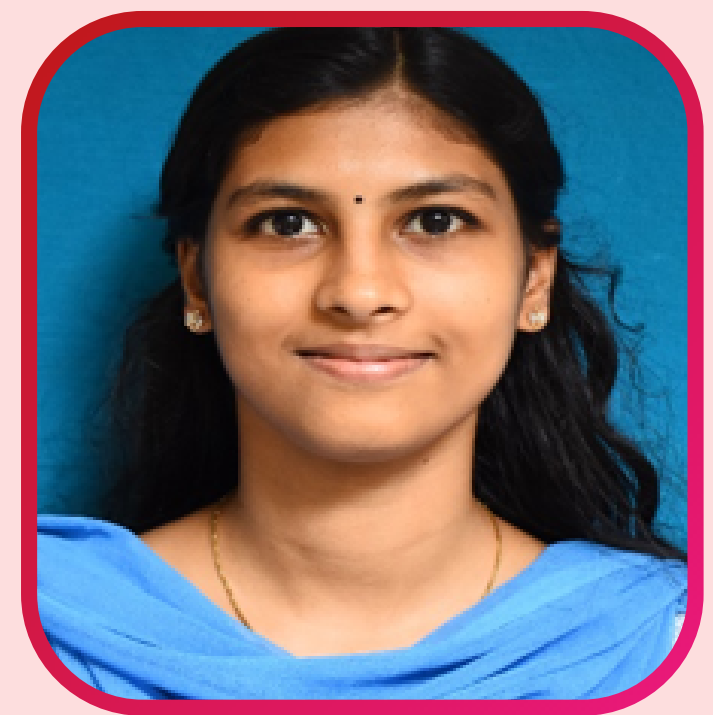
Student Achievements - Fine Arts Day



Jeevima V M

Earned third place in solo singing, showcasing musical talent and confidence.

Excelled in literary events by securing first place in Malayalam Elocution and third place in Malayalam Poetry Writing.



Janitha J R



Absara C S

Earned third place in Tamil Elocution, reflecting strong oratory skills.

Earned third place in pencil drawing, showcasing creativity and artistic skill.



Jose Vini S

Student Achievements - Fine Arts Day



Anushiah S

Earned third place in pencil drawing, showcasing creativity and artistic skill.

Won first place in face painting, displaying exceptional creativity and artistic talent.



Pon Sakima M



Pon Dharshiga P

Won first place in face painting, displaying an exceptional creativity and artistic talent.

Student Achievements - Fine Arts Day



Sherin Rickshiya from final year earned second place in Fusion Group Dance, showcasing an excellent coordination and team spirit.

Sherin Rickshiya from the Final Year won first place in Solo Dance, showcasing exceptional talent and confidence on stage.



Sara R. A., Asmitha, and Pooja and Anushiah S earned third place in Fusion Dance, showcasing grace, coordination, and teamwork.



Student Achievements - College Day



- Renees Jenisha J from Final year received the Best Outgoing Student Award.
- Secured First Position in V Semester.
- Secured Second Position in VI Semester.
- Received the Best Voracious Reader Award.

- Janitha J R from Third year secured Second Position in III Semester.
- Secured First Position in IV Semester.



Nassiya Fathima N from Third year secured First Position in III Semester.

Student Achievements - College Day



Absara C S from Third year secured Second Position in IV Semester.

Subiksha A S from Final year secured Second Position in V Semester.



Tony Mathew R was honored with the Best Leader Award for demonstrating an exceptional leadership, teamwork, and initiative.

Student Achievements - College Day



- Femy M H from Final year received the Endowment Award.
- Secured First Position in VI Semester.

Sanjai R was honored with the IELTS Band 7+ Merit Award and the German Language Excellence Award, showcasing strong language proficiency.



Aswin H earned recognition through participation in the All India Thal Sainik Camp (NCC), reflecting discipline and dedication.

NeuraX'26 Hackathon



Our students actively engaged in Neura'X, an intra-college 8-hour technical hackathon conducted by the Hackathon Cell on 5 February 2026. Representing the III Year IT department, Nassiya Fathima N., M. Ancelin Merbina, Akshitha K., Altrin Benser A., Nowfi Fathima A., Mithuna F. S., A. Jeseem, Gikanix Roshan G. R., and Freesa J. J. showcased their creativity, teamwork, and problem-solving abilities by developing innovative solutions under time constraints, demonstrating strong technical proficiency and collaborative spirit.

GATE 2026 Appeared



GATE 2026 witnessed a strong preference among students in our department, reflecting their growing interest in pursuing higher education and careers in core technical fields. The increasing participation highlights students' awareness of the importance of competitive examinations for admissions into premier institutions and opportunities in public sector organizations. It also demonstrates their proactive approach toward academic excellence, skill enhancement, and long-term career planning in specialized technical domains.

A group of students from the Department of Information Technology appeared for the GATE examination, demonstrating their commitment to higher education and competitive career pathways. A total of 17 students participated, with 15 students opting for a single paper (Computer Science) and 2 students choosing multiple papers (CS and Data Analytics), highlighting their interdisciplinary interests and broader career focus. The participation reflects the students' dedication to strengthening their technical knowledge, problem-solving abilities, and readiness for opportunities in higher studies and core technical fields. This initiative highlights the department's encouragement toward academic excellence and competitive exam preparedness.

Faculty Excellence & Achievements

Research Articles Published:

Suja A. Alex and Nadia Dahmani, “Privacy-Preserving Learning and Inference in Foundation Models for Secure AI Applications”, Proceedings of the 3rd International Conference on Foundation and Large Language Models (FLLM) (pp. 1028-1032). IEEE on 19 February 2026.

Research Achievements:

One of the research articles of Dr. Suja A. Alex titled "Deep Convolutional Neural Network for Diabetes Mellitus Prediction," reached 100+ citations on Google Scholar.

FDP Attended:

Dr. Annrose J attended a three week Virtual Internship Program on “AI Pragyan on Generative AI” organized by AICTE and IBM SkillsBuild from 19-01-2026 to 09-02-2026.

Reviewer Recognition:

Dr. Annrose J reviewed an article titled “Model-Free Hierarchical Fast Integral Terminal Sliding Mode Control with RBFNN Disturbance Observer for Robust Speed Regulation of Permanent Magnet-Assisted Synchronous Reluctance Motors” in the Journal, Neural Computing and Applications on Feb 2 nd 2026.

Resource Person:

Dr. G. Sahaya Stalin Jose served as the resource person for the Book Review event organized by the Reader’s Club on 21-02-2026.

Events Organized by Faculty:

- Mrs. P. Agnes Alex Rathy organized a Book Review event as part of the Reader’s Club on 21-02-2026 at the Central Library.
- Mrs. Innasi Lineta P. organized a seminar on the topic “Impact of Urbanization on Local Ecosystems” as part of the Eco Club on 21-02-2026 at Einstein Seminar Hall.

Placement Highlights – February 2026

The Department of Information Technology proudly presents the placement achievements for February 2026.

We Congratulate

The following final year students got job offers at **Dotnix Technologies.** 



Steffrin Lenika S



Binushaa T M

The following final year student got job offer at **RF Info System** 

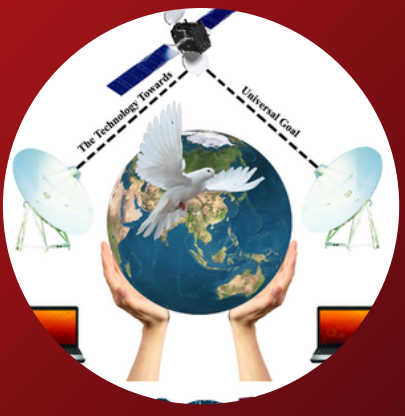


Renees Jenisha J

The following final year student got job offer at **Zynerd** 



Tony Mathew R



BRIGITZ Members

Office Bearers:



TONY MATHEW R
Final Yr. IT
SECRETARY



SHENO MUJUS J
Final Yr. IT
TREASURER



ALTRIN BENSER A
III Yr. IT
JOINT SECRETARY



ABSARA C S
III Yr IT
JOINT TREASURER

Executive Members:



FEJOE J S
Final Yr. IT



SANJAI R
Final Yr. IT



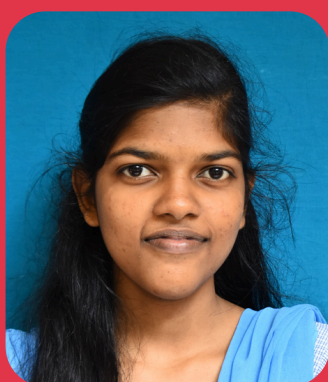
STEFFLIN S S
Final Yr. IT



SUSI MELINDA I
Final Yr. IT



JENITHA J R
III Yr. IT



MAGDALENE A
III Yr. IT



SARA R A
III Yr. IT



PK HARIS ASWATH
II Yr. IT



JEEVIMA V M
II Yr. IT



Dr. G. GEO JENEFER
FACULTY ADVISOR



DR. SUJA A. ALEX,
HoD/IT.

Editorial Board

Editor-in-Chief:

Dr. Suja A. Alex

Associate Professor & HOD / IT

Faculty Editor:

Mrs. P Agnes Alex Rathy

Assistant Professor / IT

Student Editor:

Ms. Femy M H

IV Year IT

Department of Information Technology

VISION

Creating top-notch Information Technology Engineers, innovative researchers and successful entrepreneurs towards developing a technically-empowered humane society.

MISSION

- **M1. Providing quality technical education and high caliber skill training that meets the needs of society and latest technical expectations of the industry.**
- **M2. Fostering innovative and rigorous research culture among staff and students to find optimal solutions for complex problems.**
- **M3. Imparting value-based education to imbibe ethical principles and act with social responsibility, team spirit, and leadership.**
- **M4. Promoting and developing entrepreneurial skills of the students and handhold them towards commercial success.**