DEPARTMENT OF INFORMATION TECHNOLOGY

NEWSLETTER

JULY 2025

GUEST LECTURE

The IT Department, in collaboration with the IEEE Chapter, successfully organized a seminar on The Role of IEEE in Research and Entrepreneurship on July 25, 2025. The event aimed to highlight the significance of IEEE in fostering innovation, providing research opportunities, and supporting entrepreneurship in the technology sector.

The lecture aimed to provide students with a foundational understanding of Generative Artificial Intelligence, its core principles, real-world applications, and its growing impact on industries such as healthcare, education, design, and business analytics.

Mr. Kaja Rahamathullah shared valuable insights into how Generative AI models like GPT, DALL·E, and others are developed and deployed in modern AI solutions.

The session was highly interactive, with students actively engaging in discussions and posing thoughtful questions. Mr. Kaja also shared his industry experience and practical examples, helping students bridge the gap between theoretical knowledge and real-world implementation.

The guest lecture was well-received by the students and proved to be a great learning opportunity. The Department expresses its sincere gratitude to Mr. Kaja Rahamathullah K for his valuable time and contribution in enlightening the students on this emerging domain.

INDUSTRIAL VISIT

DETAILS OF JOURNEY

🚌 INDUSTRIAL VISIT JOURNEY DETAILS II YEAR

PLACE : IMARTICUS, AMINJIKARAI, CHENNAI

DATE: 28.07.2025

PARTICIPANTS:
STUDENTS:II YEAR IT-A
TIME: 8:00 AM TO 3.00 PM

FACULTY MEMBERS:

DR. MAHALAKSHMI
MR. R. DAMODHARAN

DATE: 29.07.2025

PARTICIPANTS:
STUDENTS:II YEAR IT-B
TIME: 8:00 AM TO 3.00 PM

FACULTY MEMBERS:

K. P. SRIRAM
MRS. T. MANJU

DATE: 31.07.2025

PARTICIPANTS:
STUDENTS:II YEAR IT-D
TIME: 8:00 AM TO 3.00 PM

FACULTY MEMBERS:

MRS. R. AUGUSTHEGA
MR. R. DAMODHARAN

DATE: 30.07.2025

PARTICIPANTS:
STUDENTS:II YEAR IT-C
TIME: 8:00 AM TO 3.00 PM

FACULTY MEMBERS:

MR. NAJEEM DHEEN
MRS. N. GOWRI VIDHYA

🍴 Food Arrangements:

Breakfast: AT COLLEGE

Lunch: Packed and provided by the college

📌 Purpose of Visit:
To expose students to career-focused training in data science, artificial intelligence, and financial technology. The visit aims to give insights into skill development, industry certifications, and job-oriented programs aligned with current IT trends.

INDUSTRIAL VISIT

DETAILS OF JOURNEY

🚌 **INDUSTRIAL VISIT JOURNEY DETAILS III YEAR**

PLACE : REDBACK IT SOLUTIONS, VELLORE

DATE: 21.07.2025

PARTICIPANTS:
STUDENTS:III YEAR IT-A
TIME: 8:00 AM TO 6.30 PM

FACULTY MEMBERS:
K. P. SRIRAM
MRS.P. SHANTHI

DATE: 22.07.2025

PARTICIPANTS:
STUDENTS:III YEAR IT-B
TIME: 8:00 AM TO 6.30 PM

FACULTY MEMBERS:
MR.G.R. ABIJITH
DR. B. SENTHILNAYAGI

DATE: 24.07.2025

PARTICIPANTS:
STUDENTS:III YEAR IT-D
TIME: 8:00 AM TO 6.30 PM

FACULTY MEMBERS:
DR. ARUNMOZHISELVAN
MRS. A. SARANYA

DATE: 23.07.2025

PARTICIPANTS:
STUDENTS:III YEAR IT-C
TIME: 8:00 AM TO 6.30 PM

FACULTY MEMBERS:
MR. PRAVEEN KUMAR
MRS. P. SARANYA

🍴 **Food Arrangements:**

Breakfast: AT COLLEGE

Lunch: Packed and provided by the college

📍 **Purpose of Visit:**

To provide students with practical exposure to software and web development practices, UI/UX design, and digital marketing. The visit aims to help students understand the full-stack development process and explore real-time project workflows in a tech company

DETAILS OF JOURNEY

🚌 INDUSTRIAL VISIT JOURNEY DETAILS IV YEAR

PLACE : SCODE SOFTWARE SOLUTIONS, CUDDALORE

DATE: 18.07.2025

PARTICIPANTS:
STUDENTS:IV YEAR IT-A
TIME: 8:00 AM TO 6.30 PM

FACULTY MEMBERS:
K. P. SRIRAM
C. AISHWARYA

DATE: 17.07.2025

PARTICIPANTS:
STUDENTS:IV YEAR IT-B
TIME: 8:00 AM TO 6.30 PM
FACULTY MEMBERS:
MR.G.R. ABIJITH
MRS.MARY JOSEPH

🍴 Food Arrangements:

Breakfast: AT COLLEGE

Lunch: Packed and provided by the college

📍 Purpose of Visit:

To familiarize students with modern web technologies, enterprise application development, and software automation techniques. The visit aims to bridge the gap between academic knowledge and industry practices through live demonstrations and professional interactions.

INDUSTRIAL VISIT

🎯 OUTCOME OF THE VISIT:

- **Enhanced Understanding of IT Industry Practices:**
Students gained real-time exposure to software development environments, understanding how industry-level applications are built, tested, and deployed using modern tools and methodologies.

- **Familiarity with Development Methodologies**:
Students observed how Agile and Scrum frameworks are implemented in real-world projects, including sprint planning, daily stand-ups, and version control systems like Git.

- **Insight into Web and App Development:**
Demonstrations on live web and mobile applications provided insights into front-end and back-end technologies, UI/UX design principles, and full-stack development processes.

- **Exposure to Cloud and DevOps Tools:**
Students learned how cloud platforms and DevOps tools like Jenkins, Docker, and AWS are used for continuous integration, deployment, and monitoring of software systems.

- **Awareness of Cybersecurity and Data Handling:**
The visit highlighted how IT firms handle data securely, follow compliance protocols, and implement cybersecurity measures to protect digital assets and client information.

- **Understanding of Team Collaboration and Soft Skills:**
 Through interactions with industry professionals, students understood the importance of communication, teamwork, time management, and adaptability in a tech-driven work environment.

- **Career-Oriented Motivation:**
The visit inspired students to explore various career paths in software development, data analytics, UI/UX design, cybersecurity, and project management, aligning their academic knowledge with industry requirements.

GLIMPSES OF VISIT

SCODE SOFTWARE SOLUTIONS – CUDDALORE

ABOUT SCODE SOFTWARE SOLUTIONS:

Scode Software Solutions specializes in web development, software automation, and cloud systems. It follows agile methods and encourages student interaction through industrial exposure

GLIMPSES OF VISIT

REDBACK IT SOLUTIONS – VELLORE

ABOUT REDBACK IT SOLUTIONS:

Redback IT Solutions offers web and mobile app development, UI/UX design, and digital marketing services. The company supports student learning through real-time project exposure and technical training.

GLIMPSES OF VISIT

IMARTICUS LEARNING – AMINJIKARAI, CHENNAI

ABOUT IMARTICUS:

Imarticus Learning is a professional training institute offering career-focused programs in data science, AI, finance, and full-stack development, with hands-on learning and industry mentorship.

INDUSTRIAL VISIT

INDUSTRY EXPOSURE GALLERY

NGO VISIT

As part of its commitment to instilling social responsibility and empathy among students, the Department of Information Technology organized a series of NGO Visits for III and IV year IT students during the month of July 2025. These visits aimed to provide students with real-world exposure to societal issues and to encourage compassionate engagement with underprivileged communities.

During these visits, students spent meaningful time with the elderly residents, engaged in interactions, and offered small gestures of kindness. The experience created an emotional impact and fostered a deeper understanding of compassion, service, and community engagement among the students. It also emphasized the role of technocrats in contributing positively to society.

The Department extends its heartfelt appreciation to all the faculty members and supporting staff who guided the students and ensured the success of these visits.

SCHOOL PROGRAM

The Department of Information Technology organized a School Internship Program for the students of Sacred Heart Matriculation Higher Secondary School on 25th July 2025. The program was designed to introduce school students to emerging areas in Information Technology and to offer them a hands-on exposure to various technical concepts.

SCHOOL PROGRAM

The session included interactive demonstrations, basic programming activities, and awareness talks on recent technologies such as Artificial Intelligence, Web Development, and Cybersecurity. Faculty members and student volunteers from the department guided the school students through practical sessions in the computer lab and also shared insights about the scope of IT careers.

STARTUP IDEAS

The Department of Information Technology organized a session on Startup Ideas Presentation on July 18 2025 with the objective of encouraging innovation, entrepreneurship, and problem-solving skills among students. The event aimed to provide a platform for students to showcase their creative ideas, explore real-world challenges, and propose viable business solutions through technology.

Mr. Anand Arivukkarasu shared his vast industry experience and insights into:

- Identifying real-world problems and building tech-based solutions
- Validating startup ideas with market research and user feedback
- Building MVPs (Minimum Viable Products) and product-market fit
- Fundraising, pitching to investors, and navigating startup challenges
- Importance of cross-functional skills and a customer-first mindset

The startup idea session fostered entrepreneurial thinking and boosted the confidence of budding innovators. Selected ideas will be mentored further and may be nurtured through institutional incubation support and external funding programs.

The department commends all participants for their enthusiasm and creativity and encourages students to pursue innovation as a career path in line with India's Startup and Digital India missions.

The session was interactive and filled with practical examples from Mr. Anand's professional journey. Students had the opportunity to ask questions and received valuable guidance on how to approach ideation, innovation, and entrepreneurship in the technology sector.

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PER ANNUM
* on conversion

THRAYAMIKA R
DEPT OF IT
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DEPARTMENT OF INFORMATION TECHNOLOGY

Congratulations

PLACEMENT OFFER

BATCH 2022 – 2026

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HAARISH S

ANITO J M

Graduate Engineer Trainee (GET)

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OMR, CHENNAI - 119

The Choice of
Disciplined Toppers

Congrats!

STUDENT ACHIEVEMENT

The Department of Information Technology proudly congratulates the following students:

- **Mr. Keerthivasan D**
- **Mr. Dinesh Karthick**
- **Ms. Davino Hafni**
- **Ms. Aruljothi**

for securing a fund of ₹15 lakhs for their innovative project titled

"AI-Driven Silicosis Prevention for Indian Potters" under the MSME Idea Hackathon 4.0 (Youth Edition).

This remarkable achievement stands as a testament to their creativity, technical excellence, and commitment to societal impact. The project aims to leverage Artificial Intelligence to detect and prevent silicosis—a deadly occupational disease prevalent among potters in India—thereby contributing to public health and sustainable livelihoods.

STUDENT ACHIEVEMENT

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DEPARTMENT OF INFORMATION TECHNOLOGY (2022-2026)
UPTO VI SEM TOPPERS ABOVE 8.5 CGPA
Congratulations!

ABIRAMI K 9.57	**ASIKA K** 9.34	**JANARTHANAN K** 9.18
AMRUTHA REDDY 9.08	**HARINI SHREE S** 9.07	**SRINIDHI S R** 9.07
KAVIYA S 8.93	**SHIGEE J** 8.93	**LANCIA M** 8.90
PUSHPALATHA V 8.86	**DEEPHIKA R** 8.85	**PRIYADHARSHINI J** 8.85
KEERTHANA SRI R S 8.83	**KEERTHIVASAN D** 8.83	**SHAMYUKTHAA P** 8.82
PAVITHRA T 8.74	**SUNDAR D** 8.71	**BHUVANA S** 8.68
HAARISH S 8.68	**AKSHARA MEENU R** 8.67	**SUGANTH K** 8.66
MOHANA PRIYA S 8.63	**THRAYAMIKA R** 8.60	**SIVA HARSHINI G** 8.59
HARISH B 8.56	**KRISHIKA S** 8.55	**DANIEL A** 8.54
LOKESH S 8.53	**GEERTHANA SILVIYA A** 8.51	

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DEPARTMENT OF INFORMATION TECHNOLOGY
2023-2027 Batch Upto IV SEM TOPPERS ABOVE 8.5 CGPA
Congratulations!

RISHIKA A S 312423205178 9.29	MURJANAH SHAHUL HAMEED 312423205142 9.25	BALAJI R 312423205031 9.16	SHARLYN BERNICE S 312423205208 9.16	SANDHIYA G 312423205190 9.14	NIRANJANA DEVI P C 312423205152 9.09	VISHWA V 312423205247 9.05	PRETHIKA S 312423205168 9.01
YOGA SREE N 312423205250 9.00	AMBRISH JEYAN T 312423205013 8.98	ANCY EBISHA P 312423205017 8.95	DEJESWAR SASI KUMAR 312423205049 8.85	ABIRAMI B L 312423205005 8.84	SHARNISHA J 312423205209 8.84	LAKSHMI VIDHULA R 312423205112 8.83	SARAVANAKRISHNAN J 312423205199 8.80
THEEVANA P S 312423205230 8.79	HARINI G 312423205076 8.79	DHARAN M J 312423205052 8.78	KARMUKILAN V 312423205098 8.78	A.NEHA SABARI SREE 312423205151 8.76	DINESH KARTHICK V 312423205060 8.76	MUTHARASI M 312423205143 8.76	NITEESH KUMAR SK 312423205153 8.76
DHARSHINI C D 312423205053 8.75	SACHIN B 312423205184 8.72	A.NASIMA BANU 312423205145 8.72	GURUHARISH B 312423205075 8.72	MONISHRAJ P 312423205140 8.70	SHANMATHI K 312423205206 8.70	VARSHINI S 312423205233 8.69	SUHAIL A 312423205220 8.69
BALAMURUGAN N 312423205032 8.68	KANIMOZHI P 312423205096 8.67	BHAVATHARANI P 312423205039 8.66	DINESH K 312423205059 8.66	BARKAVI N 312423205036 8.66	SUBASHINI T 312423205218 8.66	LOKHESH I L 312423205114 8.65	ATHITHYA KRISHNAA M 312423205028 8.64
SANDHIYA K 312423205191 8.63	DEVINOH HAFNI G 312423205051 8.61	ARAVINTH R 312423205023 8.61	NITHIN V 312423205154 8.58	BARATHRAJ L 312423205035 8.57	SYLASHRI RAJENDRAN 312423205225 8.57	FAUNA JENITH M 312423205064 8.55	SM MOHAMED ARFAN 312423205129 8.54
M.RAMYA 312423205173 8.54	MONICA S 312423205136 8.53	MONISHA R 312423205139 8.53	HEMANI S 312423205081 8.52	JANANI S 312423205086 8.50	RAMYASHREE BALASUBRAMANIAN 312423205174 8.50		

grateful for all

STAFF ACHIEVEMENT

Mr. Nazeem Dheen A from IT department presented a paper titled "Comparative Analysis of Regression Models for Air Quality Index Prediction: MLR, PR, DTR, RFR, and SVR" at the 1st IEEE International Conference on Recent Innovation in Science, Engineering, and Technology, held at Jeppiaar Institute of Technology on 01.08.2025

Mr K P Sriram from IT department presented a paper titled "Enhanced Thyroid Cancer Detection using a hybrid model by Deep learning Methods " at the 1st IEEE International Conference on Recent Innovation in Science, Engineering, and Technology, held at Jeppiaar Institute of Technology on 01.08.2025

STAFF ACHIEVEMENT

Mrs N Gowri Vidhya
ASSISTANT PROFESSOR

Mrs N Gowri Vidhya, Assistant Professor, IT Department Published paper titled "AI in Real-Time Video Surveillance Systems" in IEEE Conference on July 2025

Mrs Benazir Begum A
ASSISTANT PROFESSOR

Mrs Benazir Begum A, Assistant Professor, IT Department Published Journal titled "Streamlined attention for insect pest classification: leveraging FSAN" in "Multimedia Tools and Applications" Journal - SCI/SCIE, Impact Factor 5.19 Volume 84,Issue 23

Mrs Mary Joseph
ASSISTANT PROFESSOR

Mrs Mary Joseph, Assistant Professor, IT Department Published paper titled "Enhancing Tuberculosis Identification using Ensemble Deep Learning with Edge Detections" in IEEE Conference on July 2025

Dr G.Mahalakshmi
ASSOCIATE PROFESSOR

Dr G.Mahalakshmi, Associate Professor, IT Department Published paper titled "Tuberculosis Detection in X-Ray with Two-Fold Training and Fused Deep Features Based Classifications" in IEEE Conference on July 2025

Mr K P Sriram
ASSISTANT PROFESSOR

Mr K P Sriram, Assistant Professor, IT Department published paper titled " Intelligent Irrigation Mechanism that Uses Machine Learning and Artificial Intelligence to Improve the Sensor Network Topology" Fourth International Conference on Computing and Communication Networks. ICCCN 2024. Lecture Notes in Networks and Systems, vol 1317. Springer, Singapore. https://doi.org/10.1007/978-981-96-3942-7_13

Dr B. Senthilnayaki
ASSOCIATE PROFESSOR

Dr B. Senthilnayaki, Associate Professor, IT Department, published paper tiltle "Diabetic Retinopathy Detection in Retinal OCT Images with Fused ResNet Features," 2025 International Conference on Frontier Technologies and Solutions (ICFTS), Chennai, India, 2025, pp. 1-6, doi: 10.1109/ICFTS62006.2025.11031823