

VOLUME NO. 2 // ISSUE NO. 10 // AUG 2024

HASHTAG

#ITNLAUG2024

DEPARTMENT OF INFORMATION TECHNOLOGY



SRI VENKATESWARA COLLEGE OF ENGINEERING
Sriperumbudur - 602 117 (Autonomous - affiliated to Anna University)



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DEPARTMENT VISION

To produce higher calibre technologists and scientists for helping the country to attain new heights in Information Technology research and industrial needs to provide leadership in the field of technical education.

DEPARTMENT MISSION

1. To develop the department into a “Centre of Excellence in Information Technology” offering engineering education to the students at Undergraduate, Postgraduate and Doctoral degree levels.
2. To build students' total personality emphasizing ethical values, and nurture them to meet the growing challenges in the Information Technology industry.
3. To examine the research challenges and cater diverse societal needs of the Nation.

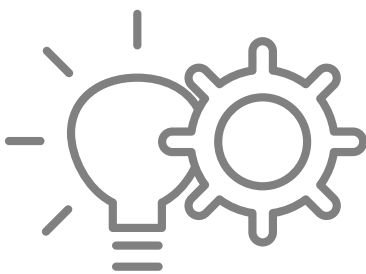
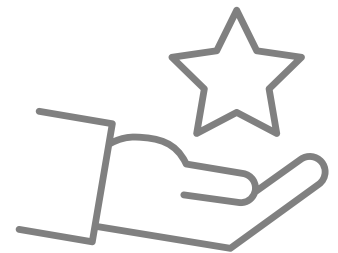
PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

The graduates of Information Technology program will demonstrate themselves as leading professionals.



The graduates of Information Technology program will be equipped with the necessary skills to become proficient researchers.

The graduates of Information Technology program will demonstrate their abilities as successful entrepreneurs.



The graduates of Information Technology program will excel in higher studies or modern administrative services.

PROGRAM OUTCOMES (POs)

- **Engineering Knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.
- **Problem Analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- **Design / Development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- **The Engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

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- **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- **Individual and team work:** Function effectively as an individual and as a member or leader in diverse teams, and in multidisciplinary settings.
- **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

PROGRAM SPECIFIC OUTCOMES (PSOs)

The B.Tech Information technology programme demonstrates the following two Programme Specific Outcomes (PSOs):

1. Exhibit proficiency in examining standard business operations in order to create and implement suitable Information Technology solutions.
2. Demonstrate the ability to establish an IT infrastructure, effectively manage resources, and ensure data security.

STUDENT ACHIEVEMENTS

PLACEMENT CORNER

Springboard placement training was organised for second year IT students from 29.07.2024 to 03.08.2024

Raghul A, Swetha Sri I, Varun Krishnakumar of final year got an offer from Mathco with a salary package of **5.5LPA**



STUDENT ACHIEVEMENTS

PLACEMENT CORNER



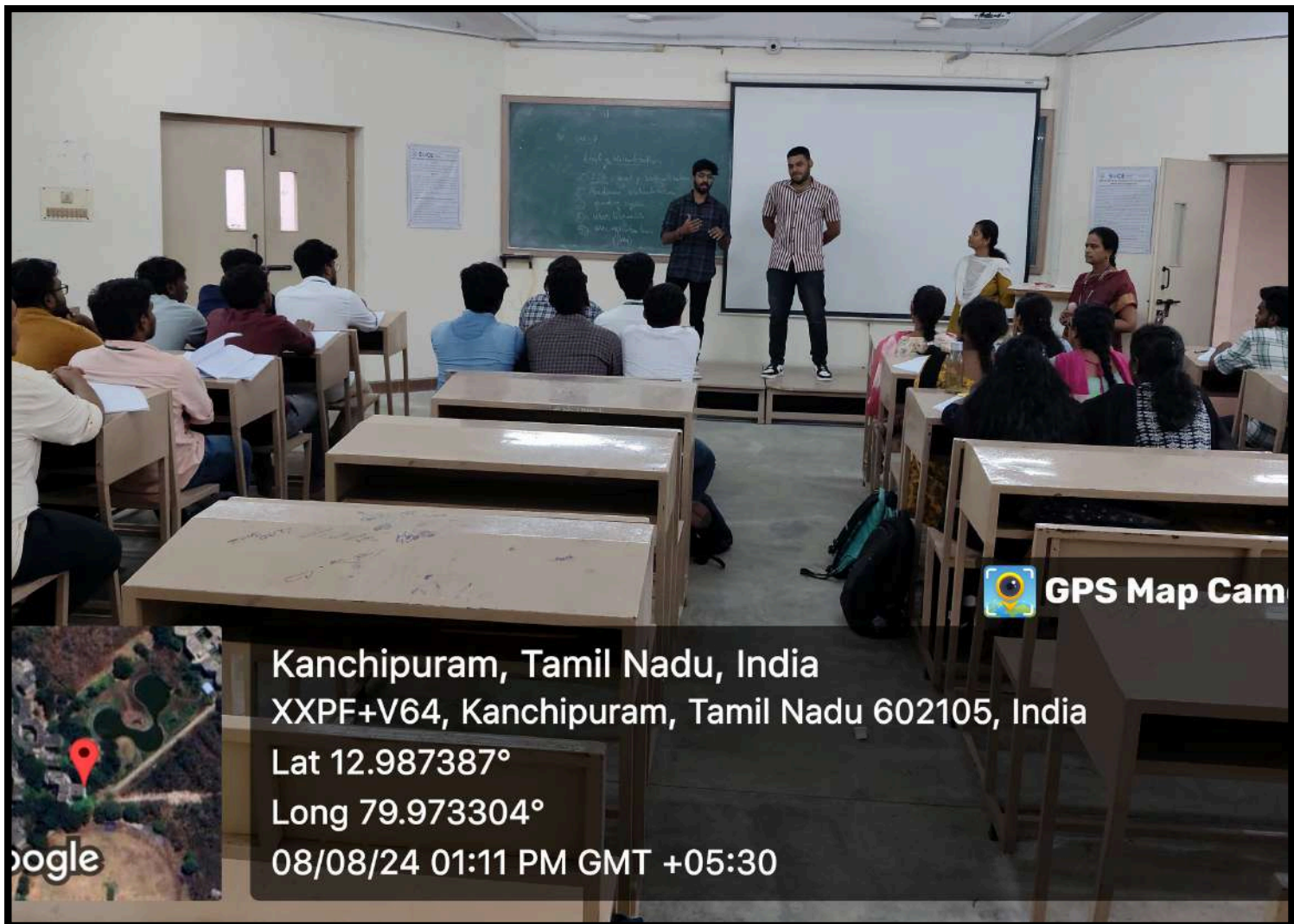
Kathiravan M of final year got an Intern from Kaleris with a stipend of **Rs.35,000 per month**



Manoj Kumar L of third year got a 6 months Intern from Hyundai as a Data Analyst.

PLACEMENT CORNER

Dr.V.Vidhya, HOD/IT along with Mr.S.Kamalesh and Mr.J.Jerunez of 2024 batch addressed the final year students about the “Current scenario in Industry and expectations from a fresher” on 08.08.2024.



PLACEMENT CORNER

Raghul A, Swetha Sri I and Varun Krishnakumar (Mathco recruits of 2025 batch) interacted with the second year students about the preparation for interviews and resume building on 19.08.2024.



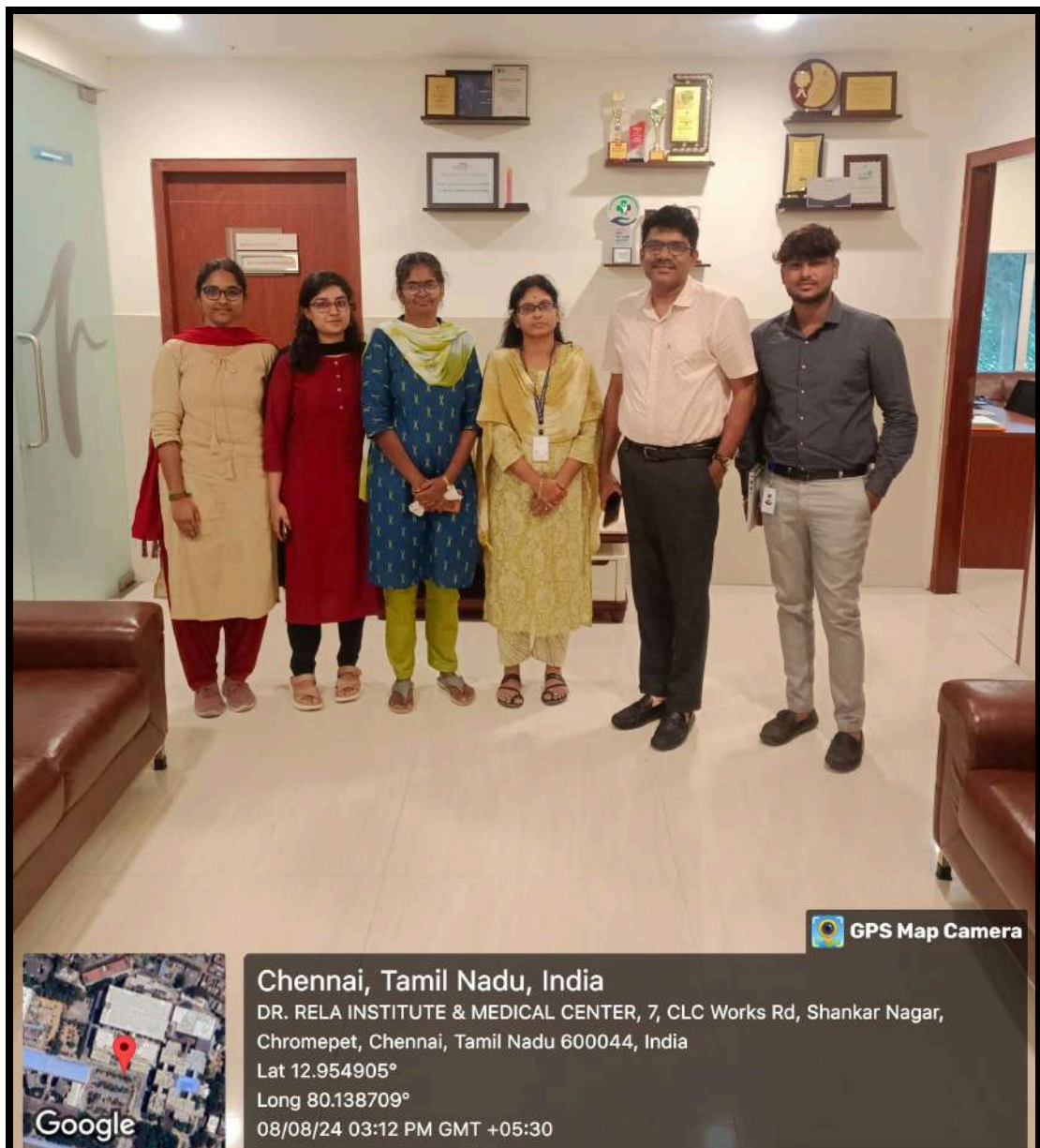
PLACEMENT CORNER

Logeshwari (QA intern in Test Sigma) and Kathiravan M (Technical support Engineer intern in Kaleris) of 2025 batch interacted with the third year students about the preparation for interviews and resume building on 19.08.2024.



STUDENT CORNER

Dr. N. Devi and Dr. D. Jayanthi visited Rela institute on 08.08.2024 and had a productive meeting with Dr. Ilankumaran, CEO, a liver transplant specialist, and discussed the progress of internship projects being carried out by the students.



STUDENT CORNER

Dr. Naresh Shanmugam, Director- Women and Child Health & Senior Consultant- Paediatric Gastroenterology & Hepatology is acting as a mentor for Mr. Sri Hari Hara Sudan, IV year IT B for the project titled “Data analysis on nomogram for post-transplant paediatric hepatology for infants”.



Chennai, Tamil Nadu, India
X43Q+X82 DR. RELA INSTITUTE & MEDICAL CENTER, 2nd Cross St, Shankar Nagar, Chromepet,
Chennai, Tamil Nadu 600044, India
Lat 12.955057°
Long 80.138428°
08/08/24 01:49 PM GMT +05:30

STUDENT CORNER

Mr. Vimal, IT expert at Rela institute, is mentoring IV year students, Ms. M. Harini Padma, Mr. K. B. Abishek, and Ms. L. Krithika for the project titled “Optimized Health Checkup and Queue Management with Hybrid Scheduling and Real-Time Monitoring”.



FACULTY CORNER

RESOURCE PERSON

Ms. M. Sugacini delivered a lecture on the title "Sustainable Technology: Innovations for a Greener Future" in Bhaktavatsalam polytechnic college kanchipuram on 30.08.2024.



INDUSTRIES VISITED

Industries Visited as a part of BIS project titled “Study of Reference Architecture for Smart Manufacturing in India”

Project Team Members: Dr.A.Kala, ASP/INT

Dr.P.Sharon Femi, ASP/INT

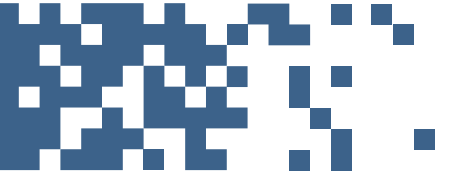
Dr.A.Indumathi, ASP/INT

Dr.S.Gopinath, Prof/Mech

Sarang Autoparts Pvt Ltd, SIDCO Women’s Industrial Park, Thirumullaivoyal on 02-08-2024



BIS PROJECT



Delphi TVS Technologies Limited, Mannur on 06-08-2024



IIITDM, Kancheepuram on 19-08-2024



BIS PROJECT

Saint Gobain Glass India Limited, Sipcot Industrial Park, Sriperumbudur on 30-08-2024



EVENTS ATTENDED

FACULTY INDUCTION PROGRAMME



MS. B. UMADEVI

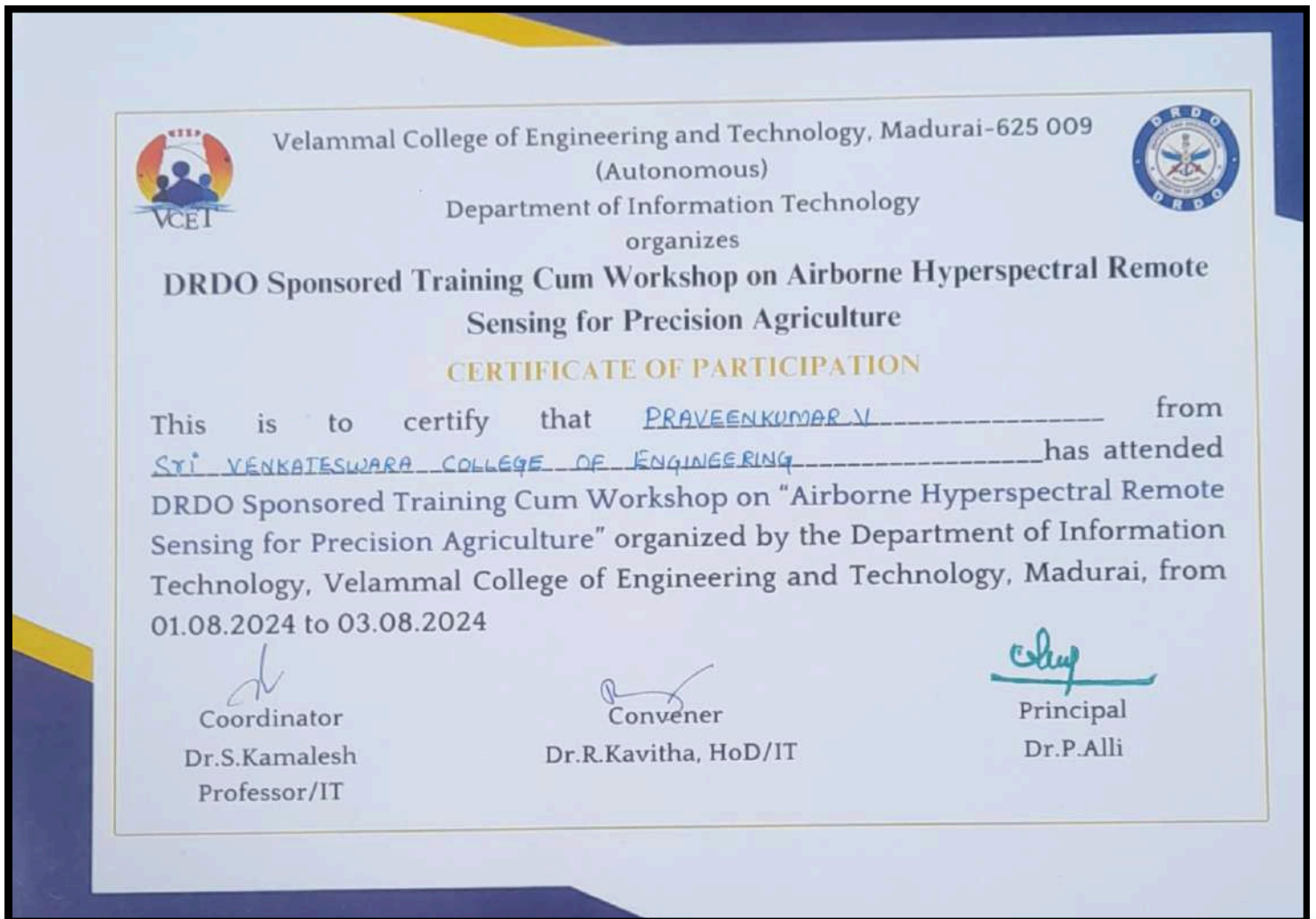


MS. B. DHEEPA

attended the new faculty induction programme organized by SVCE on July 25 & 26, 2024.

EVENTS ATTENDED

Mr. V. Praveenkumar attended DRDO sponsored Training cum Workshop on "Airborne Hyperspectral Remote Sensing for Precision Agriculture" organized by Velammal College of Engineering and Technology from 01.08.2024 to 03.08.2024.



EVENTS ATTENDED

Dr. V. M. Sivagami and Dr. K. Kiruthika Devi attended five days FDP on “MeanStack” at NITTTR From 5/08/2024 to 9/08/2024.

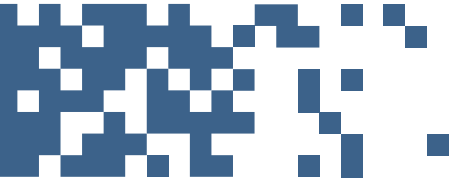


EVENTS ATTENDED

Ms. Dheepa B attended 5-days physical FDP @ Information Technology in SRM University Ramapuram conducted by ICT Academy from 27th August 2024 to 31st August 2024.



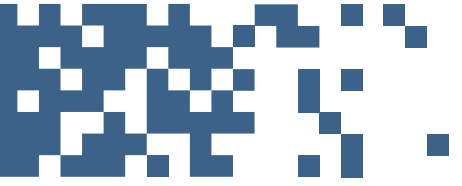
EVENTS ORGANIZED



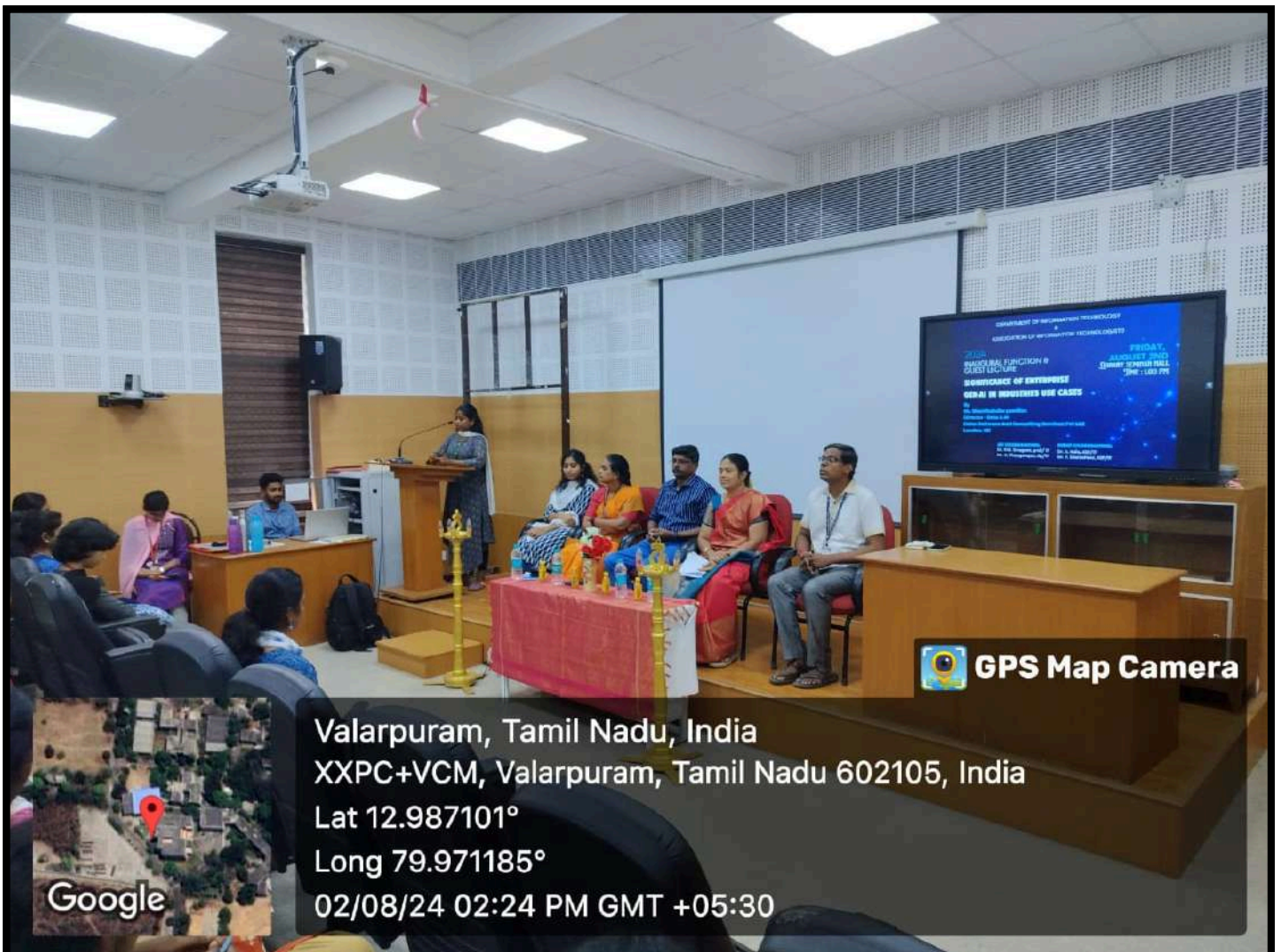
The Computer Society of India (CSI) - SVCE Student Chapter organized a Valedictory, Inauguration, and Guest Lecture, a key event that brought together students and faculty on Aug 1, 2024. The event was honored by the presence of Mr. Vimal Jose, Vice President of Technology Mr. Cooper Company, whose participation greatly enhanced the occasion's significance.




EVENTS ORGANIZED



Dr.V.Vidhya ,Dr.V.M.Sivagami, Mr.A.Thiyagarajan and Ms.B.Umadevi organized Inaugural function and Guest lecture titled “Significance of Enterprise Gen AI in industrial use cases” By Mr.Shanthababu Pandian, Director, Data and AI Rolan Software and consulting Services limited on 2nd Aug 2024.

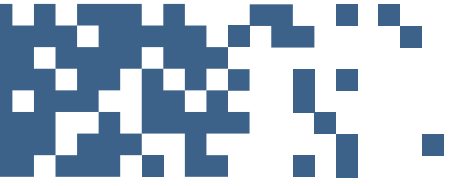


 **GPS Map Camera**

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Google

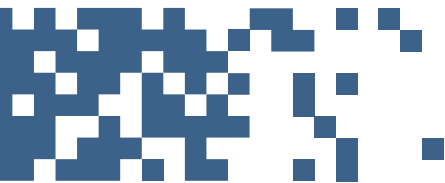
EVENTS ORGANIZED



On August 12, 2024, Head Of Department of Information Technology, inaugurated the Forum of Data Science Engineers(FODSE) for the 2024-25 academic year.



FODSE OFFICE BEARERS FOR THE ACADEMIC YEAR 2024-2025



Pragatheeshwar S IV INT Vice President
 Palayil Manav IV INT Senior Mentor
 Divya G III INT Secretary
 Akshaya J III INT Student Coordinator
 Janani R T II INT Executive Member
 Harisha S II INT Executive Member

EVENTS ORGANIZED

The Computer Society of India-SVCE Student Chapter arranged a workshop titled "Imbibe, Innovate, and Implement" on 20th August 2024.

SVCE | Sri Venkateswara
College of
Engineering

COMPUTER SOCIETY OF INDIA
ESTD. 1983

WORKSHOP ON APPLICATION DEVELOPMENT

IMBIBE INNOVATE IMPLEMENT

KEEP IT SIMPLE & POWERFUL!

Flutter Development with Firebase as backend and AWS for deployment hands on workshop for 3rd year students.

TUESDAY
20 AUGUST 2024
8.45 AM

**VENUE: PROGRAMMING LABORATORY
MARINE BLOCK**

 **SVCE_GSI**

BARATH RAGUL B
FOUNDER & CEO OF
BUCKYPAPER TECHNOLOGIES

PROGRAMMES OFFERED

- B.Tech Information Technology
- M.Tech Cyber Forensics and Information Security
- Doctor of Philosophy (Ph.D)



CONTENT COMPILATION



Dr. V. Vidhya
HOD/IT



Dr. P. Sharon Femi
Associate Professor



Mr. N. Selvaganesh
Assistant Professor

NEWSLETTER EDITORS

Dr. P. Leela Rani
Associate Professor



A. Aarthi
III Year IT-A



M. Buvarna Rithika
III Year IT-A



S. Keerthana
III Year IT-A



Sanjana Madankumar
II Year IT-B



DEPARTMENT OF INFORMATION TECHNOLOGY

SALIENT FEATURES

- Pioneered the introduction of the B.Tech IT degree programme.
- Centre of Excellence in Data Science & Cybersecurity
- Autonomous, Choice Based Credit System and Industry driven curriculum.
- Scope to acquire B.E. / B. Tech. (Honours) or Minor Degree.
- State-of-the-art facilities & industry supported laboratories.
- Interdisciplinary industry oriented research projects.
- Merit, Economic means, Merit-cum-Economic means & Sports scholarships to the deserving students.
- Excellent Career guidance - placement /masters in abroad universities / Civil services examinations / entrepreneurship.
- Sponsorship for professional skill development, Extra Curricular and Co-curricular activities.
- MoUs with various industries.
- An exclusive product development centre.



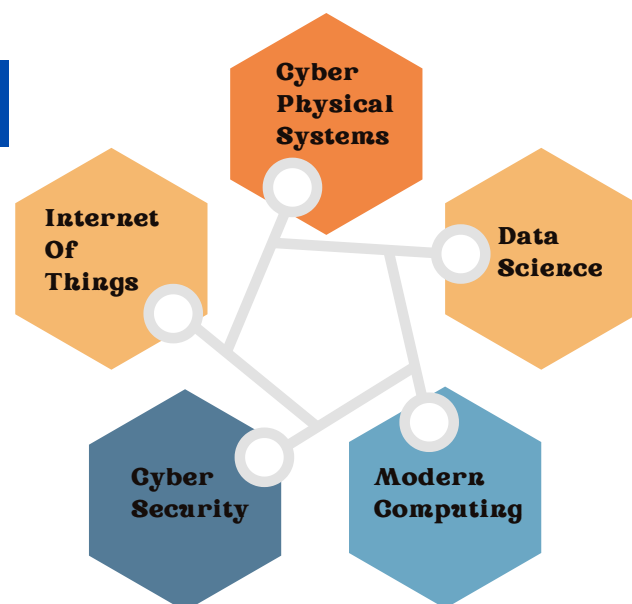
PROGRAMMES OFFERED

- B.Tech Information Technology
- M.Tech Cyber Forensics and Information Security
- Doctor of Philosophy (Ph.D)

CAMPUS ADDRESS

Sri Venkateswara College of Engineering ,
Post Bag No.1, Pennalur Village, Chennai - Bengaluru
Highways, Sriperumbudur (off Chennai) Tk. - 602 117
Tamil Nadu, India

Research Themes



DEPARTMENT OF INFORMATION TECHNOLOGY



M.Tech CYBER FORENSICS & INFORMATION SECURITY



About

M.Tech Cyber Forensics and Information Security is a comprehensive 2 years PG program designed to equip students with the knowledge and practical skills necessary to excel in the field of cybersecurity.

■ CHIEF INFORMATION SECURITY OFFICER

■ FORENSIC COMPUTER ANALYST

■ INFORMATION SECURITY ANALYST

■ PENETRATION TESTER

■ SECURITY ARCHITECT

■ IT SECURITY ENGINEERS

■ SECURITY SYSTEM ADMINISTRATOR

■ IT SECURITY CONSULTANT

ELIGIBILITY



BE or B.Tech in

- Information Technology
- Computer Science and Engineering
- Electronics Engineering
- Electronics and Communication Engineering
- Information Security and Digital Forensics
- Other relevant branches from recognized institutions



FINANCIAL SUPPORT

Management Scholarship

Merit + Merit cum means + Economic means + Sports Scholarship

AICTE - PG Scholarship

Rs.12400 per month for 24 months for GATE/GPAT qualified PG students.

UGC - Post-Graduate Indira Gandhi Scholarship

For single girl child for PG programs Rs.3100 per month for 20 months.

Scholarships @ Rs.7,800/-per month (ME/M.Tech)

Contingency A @ Rs.15,000/- per annum (ME / M.tech)

- Tuition fees waiver (Rs.50,000/year) for 30% of the student class strength on merit basis as applicable.
- Management scholarships under economic means and merit cum means for tuition fees and assistance for books and instruments.
- Financial assistance to support innovative PG Projects under intramural research grant scheme.
- Sponsorship for students to attend conferences.

Check out the website for more information or contact us

SUPPORT FOR PG STUDENTS

- Student research day to appreciate innovative research projects
- Providing placements in Information Technology based core companies such as CTS, TCS, Infosys, Accenture, Wipro, Ericsson
- Outstanding PG student award for a final year PG student.
- NPTEL, MOOC, Coursera and AWS certification courses are available.
- Students are encouraged to compete for awards such as TNSCST, INAE, Gandhian award and so on.
- Encouraging students to publish the research work in reputed national and international journals
- Career guidance and Counselling support provided. The Department has six functional MoU's with industries like Gemini communications, WriteIT and Infoziant (P) Ltd.. which in turn helps the student for internship, training and placement
- Industrial visits and guest lectures by Subject Matter Experts from institutions and industries to improve research and academic activities
- Students can access IEEE, Springer, ACM, Elsevier and reputed Journals in the campus which helps them to carry out their project and research work effectively
- Encouraging students leaderships quality by organising National level technical symposium
- Horizon - A technical research magazine of IT department gives the opportunity to students to showcase their innovative research ideas

