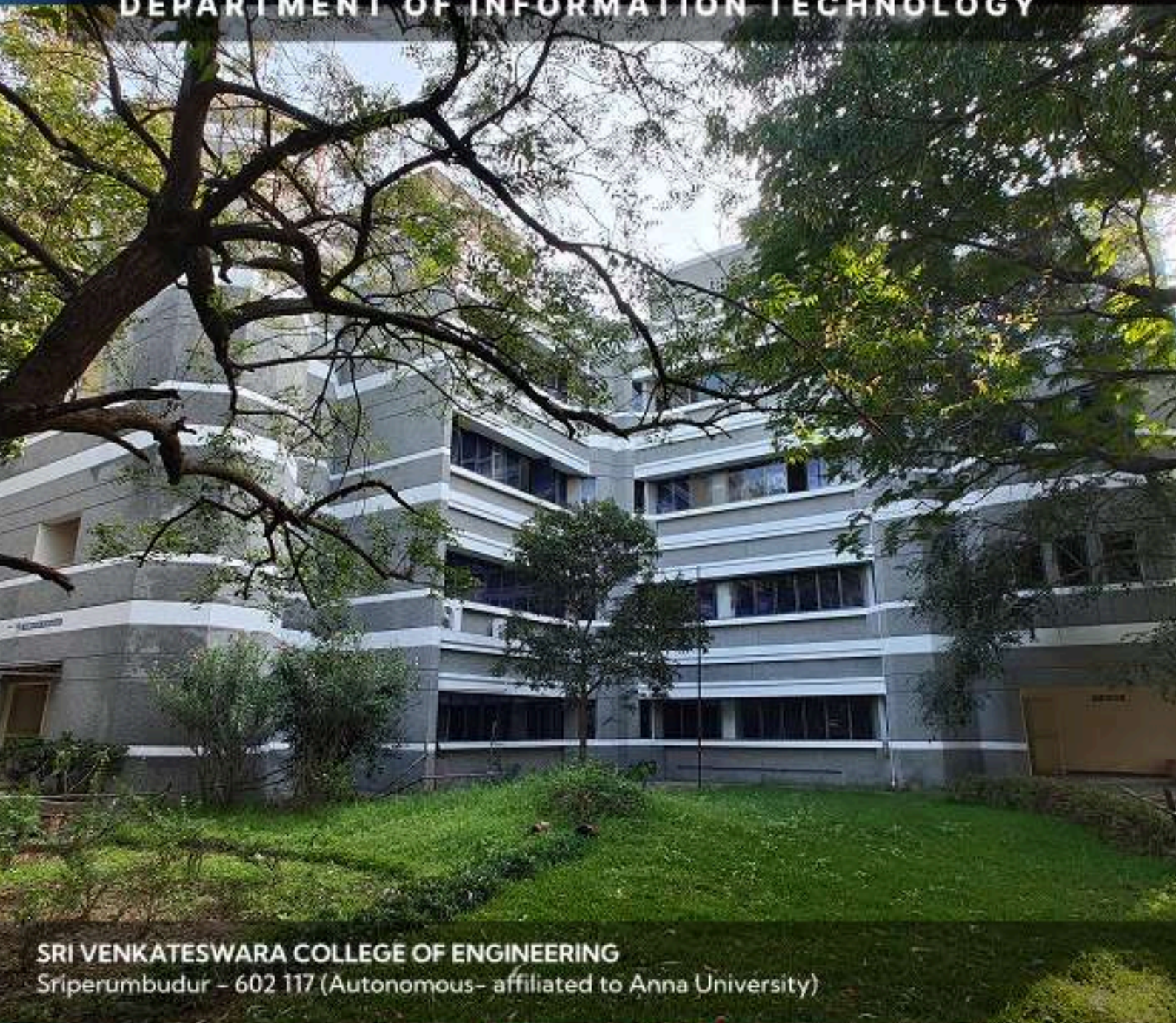


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# HASHTAG

#ITNLFEB2025

DEPARTMENT OF INFORMATION TECHNOLOGY



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





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# HASHTAG

## DEPARTMENT VISION

To cultivate an environment that empowers individual students to excel in the field of Information Technology at both national and global levels, by fostering innovative contributions and achievements through the provision of cutting-edge facilities and robust support systems.

## DEPARTMENT MISSION

1. To create a transformative learning environment that empowers students with cutting-edge technology and resources, promoting active participation in Information Technology education, research, and innovation.
2. To advance the technical & ethical competencies, equipping students with the necessary skills to address the evolving demands of society and contribute effectively to the digital landscape.
3. To harness experiential learning opportunities in Information Technology, preparing students to develop innovative solutions that address engineering and technological challenges on both national and global levels.

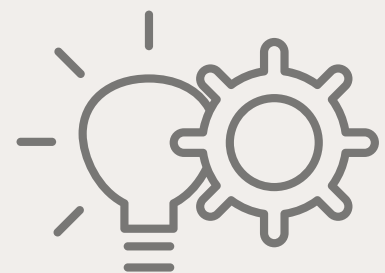
## PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

1. Graduates will possess a comprehensive understanding of information technology principles and practices to analyze, design, develop IT solutions, addressing technical challenges across various industries through innovative and collaborative problem-solving.



2. Graduates will demonstrate a dedication to lifelong learning and professional development, equipping themselves with the knowledge and skills necessary to pursue advanced studies and engage in research in the field of information technology.

3. Graduates will apply their technical expertise and analytical skills to create innovative computing systems for real life challenges leading to entrepreneurial ventures.



## 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.

# HASHTAG

- **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. Apply domain expertise and programming skills to analyze problems and develop computational systems that address real world challenges.
2. Explore the state of the art technologies to meet the evolving demands of Information Technology industry and societal applications.

## STUDENT ACHEIVEMENTS

**i CUBE 4.0 Winners (InnoWel)**

**Keerthana S, Raja Vishalini G, Rashmika RS, Sowndarya S, Shreyas Aditya P**—along with **Shanmathi V** (III Year CSE) secured the **Winner's title** in the InnoWel category at **iCUBE 2025**, a National-Level Hackathon organized by the Science Club.

Their project, **"Personalized Learning and Skill Development Platform"** earned them a **cash prize of ₹20,000** and an **internship offer at Nellai Infotech**. The team was **guided by Dr. K. Kiruthika Devi (ASP/INT) and Mr. K. Srinivasan (AP/CSE)**.



## STUDENT ACHEIVEMENTS

### National Level Recognition



**Sri Harihara Sudhan M** (IV Year, INT 'B') represented Tamil Nadu with a sponsorship at the **54th ISTE National Annual Faculty Convention held at Lamrin Tech Skill University, Ropar, Punjab, on February 13 & 14, 2025.** Competing against students from 22 states in the Ideathon finals, he showcased his project, "**Ambulance Governance System using IoT,**" under the **mentorship of Dr. V. Vidhya.** His exceptional presentation earned him the prestigious **ISTE National Best Presentation Award 2025.**



## STUDENT ACHEIVEMENTS



**M. Hannah Felin** (I Year, INT 'A') and her teammates from CSE for secured the **1st place in Insight Expo (Paper Presentation Event)** at **Cognebula '25**, National Level Technical Symposium organized by **Velammal Engineering College, Chennai**

The team was awarded a cash prize of **₹1,500** for their outstanding presentation under the **mentorship of Ms. S. Kavishree, AP/INT.**



## STUDENT CORNER



**Praveen R, Monish Ram J, Rajalakshmi A and Neha of II year IT B secured II place in the event Bioscope organized by SIMATS on 7th February 2025 under the mentorship of Ms.B.Umadevi, AP/INT.**



**Harisha S of II year IT A and her team members secured I Prize in the "Peek a Project" event for the project titled "Blockchain-Based Online Voting System" at Upagrapha'25 SVCE under the mentorship of Ms.P.Meenakshi, AP/INT.**



## STUDENT CORNER



**Sanjana Madankumar** (IT II Yr) and **Abinaya Seenivasan** (IT I Yr) participated in **IntraMUN** (Feb 6-7, 2025). Sanjana won High Commendation (Captain America, S.H.I.E.L.D), and Abinaya received Verbal Mention 1 (Yugoslavia, UNSC).





## STUDENT ACHIEVEMENTS

**Adhithiyaram R** (IV Year, IT 'A') and **Raviram A** (I Year, IT 'B'), along with their team, secured **2nd place** in the "**Street Music Jam**" event at **Takshashila 2025, Chennai Institute of Technology**, held from February 26 to 28, 2025.





## STUDENT ACHIEVEMENTS



**Hemanath** (II Year, IT A) and **Sanjana Madankumar** (II Year, IT B) participated in the **poster-making competition** at the **BIS World Record Stamp** event on February 14, 2025, **winning 2nd and 3rd place**, respectively.





## STUDENT CORNER



**Soft skills training** program by **Springboard** was organised for **First year students** from 17.2.2025 to 22.2.2025.

## PLACEMENT CORNER



**Sangeetha G** of final year IT got an offer from **Marlensoft** with a salary package of **3LPA**.

## STUDENT CORNER



**Ajay R, Girivasan S A, Mugilan S, Nesan D, Nithish S, Thirunavukkarasu P S, Vasanthakumar S, Gowtham A, Vijaya Raghavan G** of final year IT got an offer from **Academor** with a salary package of **6 LPA**.



# PROTOCOL 25E

THE ULTIMATE TECH BATTLE

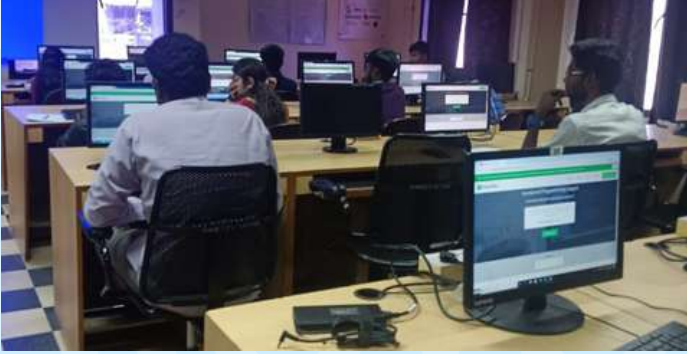
The **Department of Information Technology**, in collaboration with the **Association of Information Technologists**, proudly presented **Protocol 25E—a National Level Technical Symposium** that was nothing short of spectacular!

Bringing together some of the brightest minds in tech, this symposium was the perfect fusion of **learning, competition, and excitement**. With a **power-packed lineup of events**, participants had the chance to **showcase their technical expertise, unleash their creativity, and put their problem-solving skills to the ultimate test**—all while having an absolute blast!

Students from various institutions geared up for a **thrilling ride through six intense, futuristic challenges**, each designed to **push the boundaries of innovation and redefine what's possible in the world of technology**.



# Gallery





## The Power Team - Behind the scenes





## FACULTY CORNER



A guest lecture titled **"From College to Career: Navigating Personal Growth and the Rise of AI in the Workplace"** conducted by **Mr. Kailash Sudhakar (Data and Analytics Manager at Hasura, Ireland), alumnus of the 2010-2014 batch.**



**Dr. D. Jayanthi**, ASP/INT delivered a technical talk titled **"Revolutionary GenAI tools for Video Creation and Video Production"** in the **12 day Alumni Workshop Series** on Building the Future with the Applications of Generative AI, organized by the Department of Computer Science, SVCE.



## FACULTY CORNER

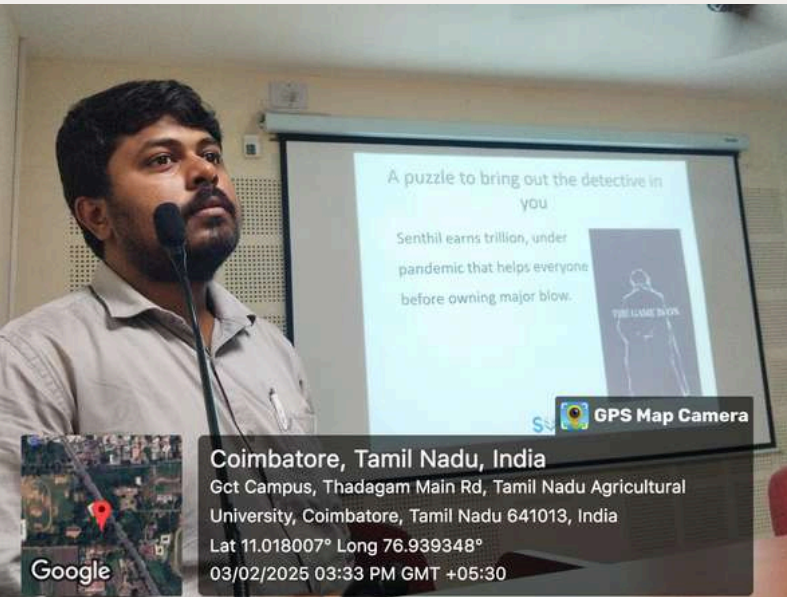


**Dr. A.Kala**, ASP/INT, **Dr. P.Sharon Femi**, ASP/INT and **Ms.R.Saktheeswari**, AP/INT attended a two-day Industry-Assisted Online **Faculty Development Programme on Demystifying AI and Data Science** organized by **PALS and Meritus.AI**



**Ms. Sathyabama P**, AP/INT attended PALS Two Day Faculty Student Development Program(FSDP) on **Technology Trends In Software Development & Maintenance**

## FACULTY CORNER



**Guru Gokul AR**, Assistant Professor, delivered a session on **"Introduction to Computer Forensics & Cyber Forensics Tools–Hands-on Demo"** in the **Tamil Nadu Government Offline Faculty Development Programme** "Emerging Trends in Cyber Security, Cyber Forensics and Blockchain Technologies" organized by Faculty Development Training Centre, **Government College of Technology, Coimbatore** .

## FACULTY CORNER



**Dr. V Vidhya, HOD/INT and Mr. E Sivakumar AP/INT** successfully completed an NPTEL workshop on **"Understanding AI Coding Assistants for Programming"** offered by IIT-Bombay on February 23, 2025 .



## FACULTY ACHEIVEMENTS



**Dr.V.Vidhya and Dr. A. Indumathi**, were invited as **Judges for iCUBE 4.0**, National-Level Intercollegiate Technical Event organized by the SVCE Science Club at Sri Venkateswara College of Engineering.

## FACULTY CORNER



**CSI** conducted a guest lecture on "**Trends in High Precision Positioning and Navigation**" on 12th February 2025 with **Dr.V.Vidhya,V.Ranjith** and **B.Uma Devi** as the Faculty Coordinators. The session was graced by **Chief Guest Mr. Kanikkannan L** Entrepreneur and **Founder of Velan Agribots Private Limited.**



## FACULTY CORNER



**Dr.A.Kala, ASP/INT, Dr.P.Sharon Femi, ASP/INT** along with **Rahul TV, III year INT B** and **Jayaraghav V, II year INT A** students visited Ashok Leyland, Ennore on 25/02/2025 for a collaborative project discussion.



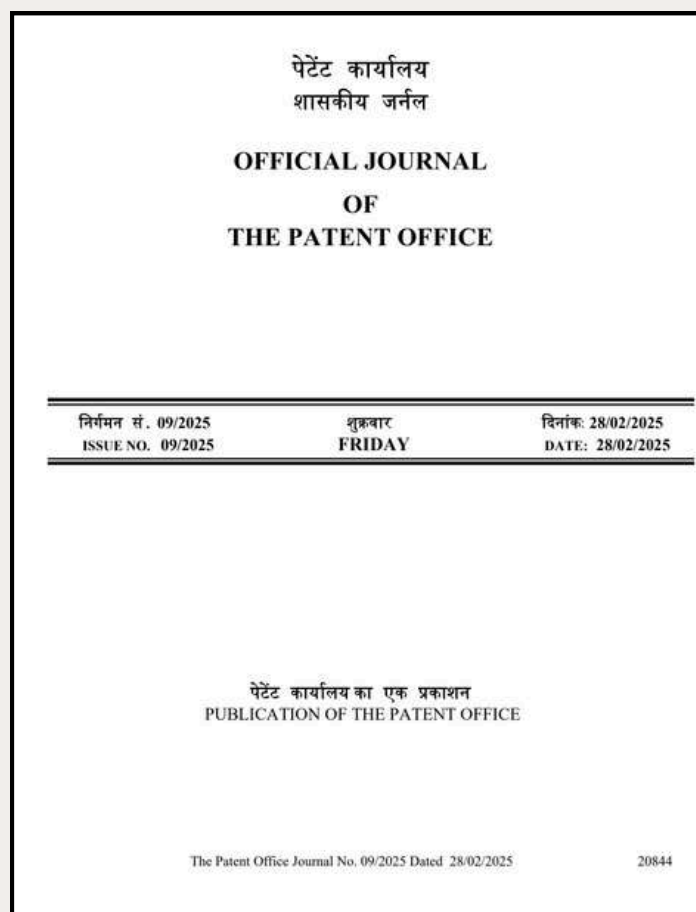
**Representatives from Ashok Leyland, Ennore, and Mitsubishi Electric India Pvt. Ltd.** visited our campus on **18th February 2025** regarding a collaborative project discussion.

## FACULTY CORNER

# Indian Patent Published for "Real-Time Stress Monitoring System"

This innovative project was developed by Final Year INT students under the mentorship of esteemed faculty members:

**Inventors: Dr. A. Kala, ASP/INT Dr. P. Sharon Femi, ASP/INT Dr. V. Rajalakshmi, ASP/CSE Ms. Raveena A, IV Year INT Ms. Saniya D, IV Year INT Ms. Yogitha S, IV Year INT**





## FACULTY CORNER



**Dr. K. Kiruthika Devi** delivered a talk on **"The Role of Engineering in Social Development"** at the Government Elementary School, **Thandalam**, during the Annual NSS Camp on 20th February 2025.



**Dr. A. Indumathi** addressed the volunteers at the **Irungattukottai NSS Camp**, highlighting **the impact of engineering on community welfare**.

## 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

**Mrs. Uma Devi B**  
Assistant Professor



**Sanjana Madankumar**  
II Year IT-B



**M. Buvarna Rithika**  
III Year IT-A





# 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.



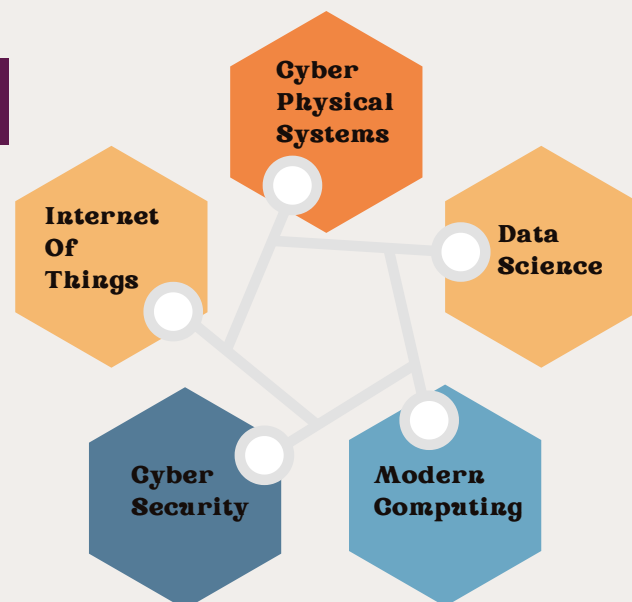
## PROGRAMMES OFFERED

- 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







## ABOUT US

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.

National Cyber Safety and Security Standards works with the Government and Industry on cyber policies. SVCE, recognized as a resource center, manages this through its IT department.

# DEPARTMENT OF INFORMATION TECHNOLOGY



## M.TECH. CYBER FORENSICS & INFORMATION SECURITY

## 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

## Paving the Way for a Secure Future

- Chief Information Security Officer
- Forensic Computer Analyst
- Information Security Analyst
- Penetration Tester
- Security Architect
- IT Security Engineers
- Security System Administrator
- IT Security Consultant

## 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.

## SUPPORT FOR PG STUDENTS

- **Student research day** to appreciate innovative research projects
- **Core IT company placements**, including CTS, TCS, Infosys, Accenture, Wipro, and Ericsson.
- **Outstanding PG Student Award:** Honoring the top-performing final-year PG student.
- **Certification Courses:** Access to NPTEL, MOOC, Coursera, and AWS certifications.
- **Competitions:** Students are encouraged to aim for awards like TNSCST, INAE, and Gandhian Awards.
- **Research Publications:** Guidance to publish in reputed national and international journals.
- **Strategic MoUs:** Collaborations with Infosys, Taylor's University, Worldline, Quadsel Systems, Rela Hospital, and more, offering internships, training, and placements.
- **Knowledge Access:** IEEE, Springer, ACM, Elsevier, and other journals available on campus for research support.
- **Industrial Exposure:** Regular industrial visits and expert guest lectures to enhance academic and research capabilities.
- **Leadership Development:** Opportunities to organize national-level technical symposiums.
- **Horizon Magazine:** A platform to showcase innovative research ideas from IT students.