

Sri Venkateswara  
College of  
Engineering

Issue: 12

**HASHTAG**  
**#ITNLOCT2023**

**Newsletter**  
**OCTOBER 2023**

**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)

1. The graduates of Information Technology program will demonstrate themselves as leading professionals.
2. The graduates of Information Technology program will be equipped with the necessary skills to become proficient researchers.
3. The graduates of Information Technology program will demonstrate their abilities as successful entrepreneurs.
4. The graduates of Information Technology program will excel in higher studies or modern administrative services.



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## PROGRAMME OUTCOMES (POs)

- 1. Engineering Knowledge:** Engineering Knowledge: Apply the knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.
- 2. 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.
- 3. 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.
- 4. 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.
- 5. 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.



## PROGRAMME OUTCOMES (POs)

6. **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.

7. **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.

8. **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

9. **Individual and team work:** Function effectively as an individual and as a member or leader in diverse teams, and in multidisciplinary settings.

10. **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.



## PROGRAMME OUTCOMES (POs)

11. **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.

12. **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.

## PROGRAMME 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

## COPYRIGHT GRANT

Copyright was granted for the project work done by IT students V.Dharshan, A.Thilakesh Raj (2018-22 batch) and Dr.G.Sumathi.



## INTERNSHIPS

M. Harini Padma & Yogitha of III year IT got internship at Ericsson with a stipend of INR 21000 per month through CONNECT 23.



## PLACEMENT ACTIVITIES

AMCAT test was conducted for final year IT students on  
October 18th, 2023.



Farheen Ali got placed in McKinsey with  
a salary package of 12 LPA.

Aakash Arumugam got placed in Rapid Acceleration  
Partners with a salary package of 7 LPA.



Saranya S got placed in Sri Insights with a  
salary package of 5 LPA

Mythra M got placed in MuSigma with a salary  
package of 5 LPA.



Rithika B, Srijan Kumar N and Puja Sri R  
got placed in Accenture Solutions Pvt.  
Ltd. With a salary package of 4.5 LPA.



Aishwarya S, Mahalakshmi S and  
Swamynath S got placed in UST Global with  
a salary package of 4.4 LPA.

Megha Varsha S and Srijan Kumar N got placed in  
Flex with a salary package of 4 LPA.



Audhithiyah S and Syed Mohideen Afridi M got placed in  
Maveric Systems with a salary package of 4 LPA

Saha A Sharon S got placed in Technologics Global  
Pvt Ltd with a salary package of 4 LPA.



# SPORTS ACHIEVEMENTS

Sarvesh M (II Year IT) and Santhosh M (IV Year IT) are part of our Basketball(Men) team that gave a stunning performance in the finals and secured Runner up trophy in the Anna University zonal tournament held at Rajalakshmi Engineering College on October 4th, 2023.



PADMAJAA P , First year INT, is a player of our college Table Tennis(Women) team that clinched the Runners positions in Anna University zonal tournament 2023. It was organized by SMIT on October 9th, 2023.





## FACULTY ACHIEVEMENTS

Dr. P. Sharon Femi, Dr. A. Kala, authored a book chapter titled "Exploring Explainable Artificial Intelligence in the Realm of Cybersecurity" in the book "Wireless Communication for Cybersecurity," which is available on the Wiley Online Library.



Chapter 7

### Explainable Artificial Intelligence for Cybersecurity

P. Sharon Femi, K. Ashwini, A. Kala, V. Rajalakshmi

Book Editor(s): S. Sounthararajan, R. Maheswar, Geetanjali Rathee, M. Akila

First published: 27 October 2023 | <https://doi.org/10.1002/9781119910619.ch7>



Wireless Communication  
for Cybersecurity

## EVENTS ORGANIZED

### BOS MEETING

BoS Meeting for CS & IT Board was held on October 4th, 2023.

### NBA VISIT

NBA Expert Team visited and audited IT department during October 13-15th, 2023.

### REVIEW II

Conducted review -II on 5S-SEIRI TAG implementation in all the laboratories of the department by Shri. M.G.Murali, Sr.Consultant-5S/TPM.(Sundaram Clayton-Retd.) on October 26th, 2023.



## SPECIAL CLASS

Special classes were held on October 28th, 2023 for I Year & II Year IT students.



## GUEST LECTURE

AIT-Guest Lecture titled " Cyber Crime Awareness " was organized by Information Technology on October 30th, 2023.



## CYBER SECURITY AWARENESS

Dr T Sukumar and Mr AR Guru Gokul delivered a special talk on Cyber Security Awareness to CISF personnel on October 30th, 2023 between 10 and 11.30 AM. The event was presided over by Dr KR Santha, Vice Principal.





## PROGRAMMES OFFERED



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

### Content Compilation

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## 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



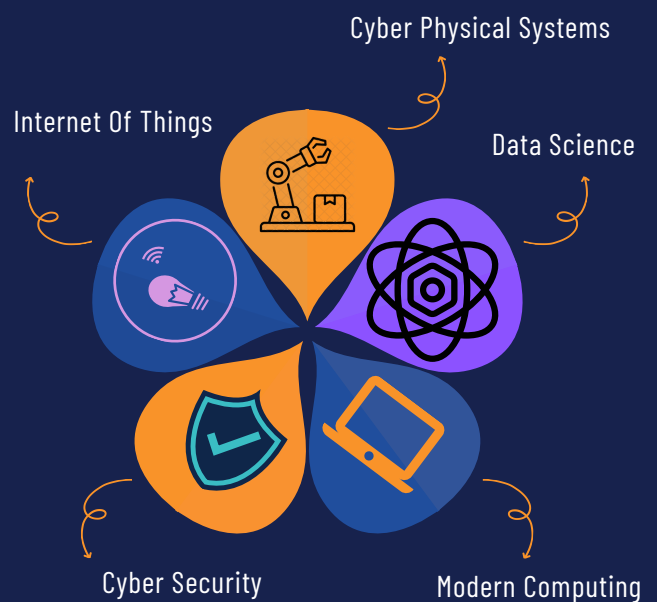
### PROGRAMMES OFFERED

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

#### CAMPUS ADDRESS

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Tamil Nadu, India

### RESEARCH THEMES



**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.60,000/year) for 30% of the students 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.
- Providing Placements in Information Technology based core companies such as CTS, TCS, Infosys, Accenture Wipro , Ericsson etc.
- 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 their research work in reputed national and international journals.
- Career guidance & Counselling support is provided. The Department has six functional MoU's with industries like Gemini communications, WriteIT and Infoziant (P) Ltd., which in turn helps students for internships , training and placement.
- Industrial visits and guest lectures by Subject Matter Experts from premier 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 leadership quality by organizing National level technical symposium.
- Horizon - A technical research magazine of IT department gives the

**ABOUT**

**THE PROGRAM**

Cyber Forensics and Information Security (CFIS) is a 2 years PG Program. CFIS enables data confidentiality, security and integrity from unauthorized sources and cyber threats. In the digital era, it is necessary to secure network and data from cyber threats. The program paves way for a variety of job opportunities.

Chief Information Security Officer

Forensic Computer Analyst

Information Security Analyst

Penetration Tester

Security Architect

IT Security Engineer

Security Systems Administrator

IT Security Consultant



**ELIGIBILITY CRITERIA**

**B.E / B.TECH**

1. Information Technology
2. Computer Science and Engineering
3. Electronics Engineering
4. Electronics & Communications Engineering and other relevant branches from recognized institutions.

**For more information please contact :**

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