



Sri Venkateswara  
College of  
Engineering  
Issue: 10

# HASHTAG

## #ITNLAUG2023

Newsletter  
August 2023  
DEPARTMENT OF  
INFORMATION TECHNOLOGY

# SRI VENKATESWARA COLLEGE OF ENGINEERING

Sriperumbudur - 602 117  
(Autonomous- affiliated to  
Anna University)



ISO 9001:2015  
Certified by IQS

MCA 21  
RMA 001



**T A B L E O F  
C O N T E N T S**

<b>1</b>	<b>V I S I O N &amp; M I S S I O N</b>	<b>1</b>
<b>2</b>	<b>P R O G R A M M E E D U C A T I O N A L O B J E C T I V E S</b>	<b>2</b>
<b>3</b>	<b>P R O G R A M M E O U T C O M E S</b>	<b>3</b>
<b>4</b>	<b>P R O G R A M M E S P E C I F I C O U T C O M E S</b>	<b>5</b>
<b>5</b>	<b>S T U D E N T C O R N E R</b>	<b>6</b>
<b>6</b>	<b>F A C U L T Y C O R N E R</b>	<b>8</b>



## 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.

A large, orange, starburst-like graphic is located in the top left corner of the page. It has multiple pointed edges and a textured, slightly grainy appearance.

## 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.





## PROGRAMME OUTCOMES (POs)

- 1. 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):

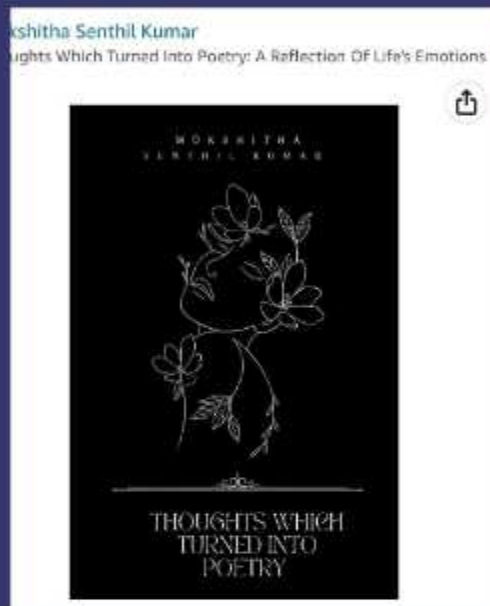
1. Exhibit proficiency in examining standard business operations in order to create and implement suitable Information Technology solutions.

2. Demonstrate the ability to establish an IT infrastructure, effectively manage resources, and ensure data security.

# STUDENT ACHIEVEMENTS

## BOOK AUTHORIZING

Ms. Mokshitha S from III year INT 'B' authored a book titled "Thoughts which turned into poetry: a reflection of Life's Emotion" under the mentorship of Dr. N. Devi.



## OFFICE BEARERS OF AIT

President :	Akshara U J, Final Year IT 'A'
Vice-President :	Lekhashree Rajesh, Final Year IT 'A'
General Secretary :	Keerthana.M, Third Year IT 'A'
Treasurer :	Ramanathan.SP, Third Year IT 'B'
Executive Member (1) :	Madhumitha.R, Second Year IT 'A'
Executive Member (2) :	Rashmika R.S , Second Year IT 'B'
Executive Member (3) :	Sanjeevkumar J, R Second Year IT 'B'



**OFFICE BEARERS OF STUDENT COUNCIL  
ACADEMIC YEAR 2023-24**



**PRESIDENT - SANJIV TS of Final year IT B**  
**GENERAL SECRETARY- RAHUL M C of Third year IT B**  
**EXECUTIVE COMMITTEE- JISSHNU of Final year IT A**



## FACULTY ACHIEVEMENTS

### INSTITUTION TECHNOLOGY TRANSFER COORDINATOR



Dr. C. Yaashuwanth is appointed as  
INSTITUTION TECHNOLOGY TRANSFER  
COORDINATOR.

### PATENT PUBLICATION & GRANT

Mr. Gurugokul, AP/INT, Dr. P. Leela Rani, ASP/INT,  
Dr. N. Devi, ASP/INT and Mr. N. Selvaganesh, AP/INT filed a  
design patent titled "WIRELESS LAPTOP CHARGER CUM  
COOLING PAD" which was published in the UK Patent office  
and the same was granted.



### FDP ATTENDED



Dr. V. Vidhya & Mr. Praveen Kumar V  
attended 21 days International FDP on  
"Data science tools" Organized by SRM  
Institute of Science and Technology,  
Tiruchirappalli from July 12th 2023  
to Aug 1st 2023.



Dr. V. M. Sivagami,  
Dr. N. Gobalakrishnan &  
Dr. D. Jayanthi attended 5 days  
PALS Faculty Build-a-thon, an  
exclusive Faculty Development  
Program (FDP), sponsored by  
IBM, delivered by IBM partner  
Smartbridge from 31st July  
2023 to 4th August 2023.





## WORKSHOP ORGANIZED

The Department of Information Technology organized Two days workshop on “Designing IoT applications” on Aug 2nd 2023 and Aug 3rd, 2023 in association with IoBIT solutions Private Limited, Bengaluru. Mr.Karthikeyan, Technical Head was the resource person for the workshop.



## SVCE-NSS TEAM AT SP OFFICE KANCHIPURAM

NSS Volunteers

Akshaya J, II Year, INT A

Divya G, II Year, INT A

along with Dr. T. Sukumar.



## GUEST LECTURE



Dr .Rajesh VijayaRaghavan,Assistant Professor, University of British Columbia, Canada delivered a guest lecture titled "Accounting in Action: Introducing Business school to Engineers" on August 9th, 2023.



## WORKSHOP ORGANIZED

An Expert Talk on “Process of Innovation development, Technology Readiness Level (TRL): Commercialization of Lab Technologies and Technology Transfer” on August 24, 2023. Ms. Sujaya Rao, Co-Founder TEENR, was the speaker for the event.

Coordinators: Mr. E. Sivakumar & Dr. V. Vidhya





## WORKSHOP ORGANIZED

One-day workshop on “Design Thinking, Critical Thinking, and Innovative Design” for students and members of the faculty across the departments on August 25, 2023.

Dr. Chockalingam Aravind Vaithilingam, Director, Clean Technology Impact Lab, Taylor’s University, Malaysia was the speaker for the event.

Coordinators: Mr. E. Sivakumar & Dr. V. Vidhya





# PLACEMENT ACTIVITIES IN THE MONTH OF AUGUST

Sivadas S of Final year IT got offer from Bounteous with 10LPA on August 8th, 2023.



Farheen Ali of Final year IT got offer from Acies Global with 4.5LPA on August 11th, 2023.

Springboard Soft skills training was conducted for second, third and final year students.





## 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. E. Siva Kumar  
Assistant Professor
- Mr. S. Siva Alagesh  
Assistant Professor

### Newsletter Editor

Dr. P. Leela Rani  
Associate Professor

#### CAMPUS ADDRESS

Pennalur Village, Chennai -  
Bengaluru High Road,  
Sriperumbudur Tk. - 602 117,  
Kancheepuram Dist. Tamil Nadu,  
India

Phone: 044-27152000  
Email: acm@svce.ac.in



## 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



For more details, visit : <https://www.svce.ac.in/departments/information-technology>



## ACADEMIC / FINANCIAL SUPPORT

### Management Scholarship

- Merit • Merit cum means • Economic means • Sports Scholarship

### AICTE - PG Scholarship

Rs.12400 per month for 24 months for GATE/IGPAT 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 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 leaderships quality by organizing National level technical symposium.
- Horizon - A technical research magazine of IT department gives the

(Autonomous) Affiliated to Anna University  
Sriperumbudur Tk-602117, Tamil Nadu, India

[www.svce.ac.in](http://www.svce.ac.in)

## DEPARTMENT OF INFORMATION TECHNOLOGY

## New Program



# M.TECH

## CYBER FORENSICS AND INFORMATION SECURITY

For more information please contact :

Head of the Department,

Department of Information Technology

Tel : +91-44-27152000, Ext: 350

Email: [hodit@svce.ac.in](mailto:hodit@svce.ac.in)

## 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

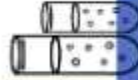
Penetration Tester

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.