



Sri Venkateswara
College of
Engineering
Issue: 6

HASHTAG
#ITNLAPR2023

Newsletter
April 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**

1	V I S I O N & M I S S I O N	1
2	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	2
3	P R O G R A M M E O U T C O M E S	3
4	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	5
5	S T U D E N T C O R N E R	6
6	F A C U L T Y C O R N E R	7



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.



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:** 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

Ms. Mythra. M of III year INT B secured Winners with a cash prize of Rs.3500 in the B-PLAN event of SAMHITA'23 organized by Anna University, MIT campus during April 15th and 16th, 2023 under the mentorship of Ms.R.Saktheeswari, AP/INT.

Mr. Sharan. S, Mr.Sanjiv. T.S of III year INT B and Ms. Lekhashree Rajesh of III year INT A won I prize with a cash prize of Rs. 20,000 in the UI/UX domain of the 24 Hours hackathon, Hackatoge organized by SRM Institute of Science & Technology on April 15th and 16th 2023 under the mentorship of Dr.P.Sharon Femi, ASP/INT.



Mr.Sanjiv. T.S, Mr.Rahul M.S of III year INT B, Ms. Lekhashree Rajesh and Mr.Krithik Sai Prasad of III year INT A won I prize with a Amazon Gift Card worth of Rs. 2,000 in the technical event, Pixel Perfect organized by SRM Institute of Science and Technology, Ramapuram on April 21st and 22nd, 2023 under the mentorship of Dr.A.Kala, ASP/INT.



Mr. Nithish R of II Year M.Tech CFIS got placed in HCL Technologies with 6 LPA.

FACULTY ACHIEVEMENTS

PAPER PUBLICATION

Mr.Selvaganesh published an article "A Novel Biased Probability Neural Network (BPNN) and Regularized Extreme Learning Machine (RELM) based Hearing Loss Prediction System" in Iraqi Journal for Computer Science and Mathematics on February 26th.



BOOK CHAPTER PUBLICATION

A book chapter titled "Penta Cancer Detection using Deep Learning Technique" is published in a Springer, AISC book series, pp 781-796, volume 1439, April 2023. Authors: Dr T Sukumar, Dr V Vidhya, Ms. S Aishwarya.



FACULTY ACHIEVEMENTS

PATENT PUBLICATION

Dr. C. Yaashuwanth, Dr.P. Leela Rani , and Mr A.R.Guru Gokul filed a Design patent titled "A SUPERCAPACITOR POWER DEVICE", in IPR; Kolkata. It was published in the Patent Office Journal and is also granted.



Mr. Selvaganesh published a patent titled "Develop a Trusted Blockchain Auction Platform with Preferred Pricing Recommendations using Machine learning" on February 17th, 2023.

PRESENTATION IN INTERNATIONAL CONFERENCE

Dr. D. Jayanthi along with other co-authors presented a paper titles "Sensory predictive analysis of freshness of food products under different lighting conditions" (Awarded as best paper), in ICNWC 2023 on April 5th & 6th 2023.



PRESENTATION IN INTERNATIONAL CONFERENCE

Baraniya S, Mrithula Angeline M. J., Poonam B. N., Sharon Femi P., Kala A presented the paper entitled "Breast Cancer Classification and Recurrence Prediction Using Artificial Neural Networks and Machine Learning Techniques" in the ICEEICT 2023 during April 5 -7, 2023.



PRESENTATION IN NATIONAL CONFERENCE

N. Uma, A. Indumathi, R. Saktheeswari, S. Kavishree and M. Sugacini, presented a paper titled "SMART ACCIDENT DETECTION AND ALERT SYSTEM" at the National Conference on ETEST 23 held on April 19th & 20th, 2023.



WORKSHOP ATTENDED

Dr. N. Devi, Dr. P. Leela Rani and Mr. Gurugokul completed the online workshop titled "Development of Autonomous Drones" conducted by IIT Hyderabad during March 27 -31, 2023.



EVENTS ORGANIZED MOCK PLACEMENTS

Mock Placements were conducted for III Year students on April 2nd, 2023.



GUEST LECTURE

AIT organized a workshop on “Exploring Cloud Technologies” by Mr. Rahul Somasundaram Alumnus(2013-2017), Senior Software Engineer, Checkpoint systems, Bengaluru on April 6th, 2023.

Coordinators : Dr.N.Gobalakrishnan,
Mr.N.Selvaganesh, Dr.K.Kiruthikadevi,
Dr.V.M.Sivagami, Mr.A.Thiyagarajan.



INDUSTRIAL VISIT TO ISRO

Third Year IT students went on an Industrial Visit to ISRO Sriharikota on April 11th, 2023.



PAPER PROPINE

CSI-SVCE student chapter conducted Paper Propine, 2023 (A Technical Paper Presentation event) on 21st April 2023.



EVENTS ORGANIZED

WORKSHOP ON GOOGLE WORKSPACE

Online Workshop on Google Workspace for all department students, teaching and non teaching faculty members was organized from 24th April, 2023, to 28th April, 2023. coordinated by Ms. A. Indumathi, Ms. N. Uma, Ms. M. Sugacini, Ms. S. Kavishree.



HACKIT 2.0

An inter-college industry associated 24-Hours Hackathon - "HackIT 2.0" for the students in collaboration with Mr. Cooper Industry and CSI-SVCE Student Chapter was organized on April 26th & 27th.

I prize (Rs.10,000) - Oviya Srinivasan & team

II prize (Rs. 5,000)- S.Pragatheeshwar, Ram Solaiappan, Mugilan, Charishma Reddy.



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. AR. Guru Gokul
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

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

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

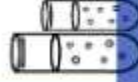
Penetration Tester

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.