



Sri Venkateswara
College of
Engineering
Issue: 8

HASHTAG
#ITNLJUN2023

Newsletter
June 2023

DEPARTMENT OF
INFORMATION TECHNOLOGY

SRI VENKATESWARA COLLEGE
OF ENGINEERING

Sriperumbudur - 602 117
(Autonomous- affiliated to

Anna University)
50% Rd Siemens & H.-SSW 1938
50% Ru Steink. Elektr Essen 39
4 1/2 Gebir Stumm GmbH 1936
50% Thyseonhütte 1937



ISO 9001:2015
Certified by IQS

MCA 21
RMA 021

**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	8



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.

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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

LIST OF TOPPERS – FIRST SEMESTER (2022-2026 BATCH)



MS. KEERTHANA S
RANK : 1



MR. RAHUL TV
RANK : 1



MS. DIVYA G
RANK : 2



MS. AKSHAYA J
RANK : 3

BOOK CHAPTER PUBLICATION

Ms. Gayathri N R , Mr. Nantha kumar G, Ms. Kamalika P N M of final year ITA , under the guidance of Ms. Sugacini M, published the book Chapter titled "Intelligent Green Communication Network for Internet of Things" via the VitalSource platform ,Taylor and Francis publication.

STUDENT ACHIEVEMENTS INTERN AT IIT HYDERABAD

Ms. B.Preetha of Second Year IT 'B' got an opportunity to undergo intern at NMIPCS TIHAN, INDIAN INSTITUTE OF TECHNOLOGY HYDERABAD between June 20th and September 19th, 2023 with a stipend of Rs. 8000 pm under the mentorship of Dr.N.Devi.



NCC AIR WING ANNUAL TRAINING

Mr. Thiwahaar.B of first year IT 'B' is representing our college and attending Annual training camp at airforce station, Tambaram from June 21st to June 30th, 2023.



STUDENT ACTIVITIES

Placement training programme is scheduled for the third year students from June 26th to July 14th 2023.



SOCIAL INITIATIVE

Mr. Sri Harihara Sudhan M of III year INT B had a productive discussion with Prof. M.H. Jawahirullah, the MMK Party Leader and MLA, on June 13, 2023 to explore the possibilities of implementing the TN234 platform through the government.



FACULTY ACHIEVEMENTS

HIGH H-INDEX

Dr. C. Yaashuwanth was felicitated during faculty research day for securing a h-index (>10).



PHD COMPLETION



Ms. S. Kalavathi successfully completed her PhD Viva-voce Examination on June 23rd, 2023.

ASSISTANT PLACEMENT OFFICER

Mr. AR. Gurugokul is appointed as assistant placement officer.



WINNERS OF FACULTY RESEARCH DAY 2023

FIRST PLACE



Ms. P. Meenakshi
Supervisor: Dr. G. Sumathi

SECOND PLACE

Ms. Jasmine A
Supervisor: Dr. C. Yaashuwanth



THIRD PLACE

Ms. A.P. Narmadha
Supervisor: Dr. N. GobalaKrishnan

BOOK CHAPTER PUBLICATION

Dr. N. Devi, Dr. P. Leela Rani, and Mr. AR. Guru Gokul, published a Book chapter titled "Introduction to Blockchain Technology" in Bentham Science.



PATENT PUBLICATION

Dr. D. Jayanthi, Dr. G. Sumathi, & students – Mr. T. Robin Thomas, Mr. N. Alagappan, and Mr. M. Dakshin Aravind of IV Year IT filed an Indian patent titled "SMART CROP YIELD PREDICTION USING DEEP LEARNING AND IOT". It was published on June 16th, 2023.



EVENTS ATTENDED

Dr. V. M. Sivagami, Dr. A. Kala & Dr. K. Kiruthika Devi participated in one day virtual workshop on "Drone technology and Application" conducted on June 9th 2023 by SKYYRIDER INSTITUTIONS.



CONFERENCE PRESENTATION

Dr. A. Kala & Dr. P. Sharon Femi presented a paper titled "Monthly Rainfall Forecasting using Sequential Models" in International Conference on Computational Intelligence in Pattern Recognition on May 27th & 28th, 2023.



EVENTS ORGANIZED

INTERNATIONAL YOGA DAY

Mr. E. Sivakumar coordinated the conduct of "International Day of Yoga 2023" from June 15th 2023 to June 21st 2023 at SVCE.



TRAIN THE TRAINER PROGRAMME

Train The Trainer programme for CSE and INT Faculty was conducted on June 23rd 2023 by Mr. Hari Vishwanathan, Head, Healthcare, LTI MindTree.



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

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India

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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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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 :

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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

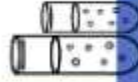
Penetration Tester

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.