HASHTAG

#ITNLJUL2023

Newsletter

July 2023

DEPARTMENT OF INFORMATION TECHNOLOGY

SRI VENKATESWARA COLLEGE OF ENGINEERING

Sriperumbudur – 602 117

(Autonomous– affiliated to Anna University)

SVCE | Sri Venkateswara College of Engineering

TABLE OF CONTENTS

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 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.

3

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

FIRST PLACE IN PAPER PRESENTATION

Mr. Navin Raj RS, a third year IT student, along with Chemical Engineering students represented EWB SVCE Students chapter in the conference held at GITAM University, Hyderabad on June 23rd, 2023 and June 24th, 2023. They presented a paper titled "Carbon Foot Print Accounting" and won the first prize and appreciation from the Dignitaries.

PAPER PRESENTATION IN INTERNATIONAL CONFERENCE

Harsha Vardhan U, Sharon Femi P., Kala A presented paper entitled " Human Stress Detection In and through Sleep using Artificial Intelligence " at the 4th International Conference on Electronics & Sustainable Communication Systems (ICESC 2023) during July 6th-8th, 2023.

FACULTY ACHIEVEMENTS
PATENT PUBLICATION

Dr. K. Kiruthika Devi, ASP/INT and first year IT students Mr. Sri Hari Soundar J , Mr. Sreevardhan B , Mr.Vinodh Kanna S, Mr. Varun Sah V.R and Mr. Vinesh Sah S filed an Indian patent titled "STOVE TIMER CONTROL SYSTEM" and the same was published on June 16th 2023.

TRAINING UNDERGONE
INNOVATION AMBASSADOR

Dr. V. Vidhya, HOD/INT has undergone the Innovation Ambassador training conducted by MoE's Innovation Cell & AICTE.

Mr. Praveen Kumar V attended 30 Hours International FDP organized by Chaitanya Bharathi Institute of Technology (CBIT) in Collaboration with ExcelR from 10th July to 28th July 2023.

FUNDED PROJECT PRESENTATION @ ISRO

Dr. C. Yaashuwanth, Prof/INT & Dr. V. Vidhya, Professor & HOD/INT visited ISRO, Mahendragiri for the review of their funded project on July 31st,2023 & Aug 1st, 2023.

VISIT TO MARINE ENGINEERING

HOD & Faculty members of IT department visited the Welding Research Cell for exploring the possibilities of Interdisciplinary Research on July 28th, 2023.

VISIT TO MECHANICAL ENGINEERING

HOD & Faculty members of IT department visited the IOT & Robotics Lab for exploring the possibilities of Interdisciplinary Research on July 28th, 2023.

EVENTS ORGANIZED-AIT VALEDICTORY

The valedictory function and guest lecture titled "New Technologies in Verticals" was organized in association with Quadsel Systems Pvt. Ltd., on July 26, 2023. Mr.Girish Madhavan Managing Director, Quadsel Systems Pvt. Ltd., Chennai delivered the lecture.

Event Coordinators: Dr.A.Indumathi & Ms.N.Uma

Co-coordinator: Mr.S.Sundaranarayanan

AIT Coordinators: Dr.V.M.Sivagami & Mr.A.Thiyagarajan

PLACEMENT ACTIVITIES- JULY MONTH

MAD Street Den drive was held on July 3rd and July 5th, 2023. Six students of IT department received offers and 2 students received Internship.

Intern with Full time offer 10 LPA

Akash M ,
Kamalesh S ,
Karthikeyan E ,
Nagarajan E ,
Rahul M S and
Sriram V

Intern with Stipend 25K per month
Deepak J and Syed Mohideen Afridi M

GPS Map Camera
Kanchipuram, Tamil Nadu, India
XXPC+WQF, Kanchipuram, Tamil Nadu 602105, India
Lat 12.987021°
Long 79.971701°
05/07/23 07:32 PM GMT +05:30
Google

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. V. Praveen Kumar
  Assistant Professor

- Mr. N. Selvaganesh
  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)

RESEARCH THEMES

- Cyber Physical Systems
- Internet Of Things
- Data Science
- Cyber Security
- Modern Computing

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

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

SVCE | Sri Venkateswara College of Engineering

(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

---

i 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
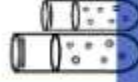- Forensic Computer Analyst
- Information Security Analyst
- Penetration Tester
- Security Architect
- IT Security Engineer
- Security Systems Administrator
- IT Security Consultant

✓ 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 :

Head of the Department,
Department of Information Technology
Tel : +91-44-27152000, Ext: 350
Email: hodit@svce.ac.in

❋ 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/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 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 & Counseling support is provided. The Department has six functional MoU's with industries like Gemini communications, WriteIT and Infozant (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