



Sri Venkateswara
College of
Engineering
Issue: 7

HASHTAG

#ITNLMAY2023

Newsletter
May 2023

DEPARTMENT OF
INFORMATION TECHNOLOGY

SRI VENKATESWARA COLLEGE OF ENGINEERING

Sriperumbudur - 602 117
(Autonomous- affiliated to

Anna University)



ISO 9001:2015
Certified by IRIS

MCA 21
RMA 001

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C O N T E N T S**

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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.



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.

COLLEGE DAY AWARD WINNERS
ATHAYEE ELAYAPPA AWARD

CONGRATULATIONS



MS. MRITHULA ANGELINE. M.J
INFORMATION TECHNOLOGY

OUTSTANDING SPORTSMAN AWARD

CONGRATULATIONS



MR. MAGESH. A
INFORMATION TECHNOLOGY

OUTSTANDING NSS VOLUNTEER AWARD (MALE)

CONGRATULATIONS



MR. DILEEP KUMAR. J
INFORMATION TECHNOLOGY

COLLEGE DAY AWARD WINNERS

OUTSTANDING NSS VOLUNTEER AWARD (FEMALE)

CONGRATULATIONS



MS. SWETHA. B
INFORMATION TECHNOLOGY

BUDDING BRIGHT ENGINEER AWARD
INFORMATION TECHNOLOGY

CONGRATULATIONS



SOWNDARIYA K

CONGRATULATIONS



VIVEKANAND PANDIAN M



AKSHARA U.J of 3rd year, INT "A" was recognized with an award for excellence and Contribution as Joint Secretary of Student Council for the year 2022-2023.

STUDENT ACHIEVEMENTS

The following teams have secured the I and II prizes in the Rota-TechX: A 24 hour Hack & Make-a-thon held on 4th and 5th May 2023 at GUVI Geek Networks, IITM Research Park, Tharamani, hosted by Rotaract Club of Sri Venkateswara College of Engineering

I prize

Cash Prize: Rs.8000

Team Members: Roshaan S , Roheth S and Syed M of III INT 'B'

Mentor: Dr.D.Jayanthi, ASP/INT



II prize:

Cash Prize: Rs.4000

Team Members: Athithya kumar T, Jishnu H J, Kanishka K of of III IT-A and Mathimalar M of ECE

Mentor: Ms.N.Uma, AP/INT.

STUDENT ACHIEVEMENTS

Mr. Danush E.S and Mr. Mohammed Sakeeb MH of III year INT 'A' secured First place with a cash prize of Rs.1000 for the Techniq event on May 5, 2023 at B.S.Abdur Rahman Crescent Institute of Science and Technology under the mentorship of Mr.A.Thiyagarajan, AP/INT.

Ms.Akshara U J of Third Year INT A secured Second place with a cash prize of Rs.6000/- in the National Level Paper Presentation competition Business Plan: Rewired at Spandan'23 conducted by New Delhi Institute of Management (NDIM) from May 6th to 8th 2023.



Imarticus Learning Data Science Club conducted TREK -TECH'23 Hackathon .
Roshaan S, Roheth S
Rithika R, Aakkash Suresh
team have won the first prize of Rs25000 cash prize and 1.2L worth Full Stack development course free.



STUDENT ACHIEVEMENTS

EXTRA CURRICULAR ACHIEVEMENTS



Mr.Sanjiv T S of III year INT 'B' performed exceptionally in the Tamil Nadu Cricket Association League match against the Triplicane RC team. He was able to secure a match-winning bowling spell of 4/18, which played a crucial role in Harnath CC's victory.The above news is displayed in 'The Hindu' newspaper dated 07.05.2023.

SPORTS DAY PARADE

Cadet Warrant Officer (CWO) Jisshnu H J of Third Yr IT dept was the overall parade commander of all the 3 wings for the NCC Day parade and Air Wing commander for the sports day parade held at SVCE on May 3, 2023.



COLLEGE DAY LONG SERVICE AWARD WINNERS

20 YEARS



DR. G. SUMATHI
PROFESSOR
INFORMATION TECHNOLOGY

DoJ: 12-June-2002

Congrats!

10 YEARS



MS. N. UMA
ASSISTANT PROFESSOR
INFORMATION TECHNOLOGY

DoJ: 16-July-2012

10 YEARS



MS. S. JERUSHA
ASSISTANT PROFESSOR
INFORMATION TECHNOLOGY

DoJ: 11-September-2012

10 YEARS



MR. SUNDARNARAYANAN
SYSTEM ADMINISTRATOR GRADE-4
INFORMATION TECHNOLOGY

DoJ: 13-August-2012

FACULTY ACHIEVEMENTS

Ms. A. Indumathi successfully completed her PhD Viva-Voce Examination on May 29, 2023.



NPTEL CERTIFICATION COURSE

Dr. G. Sumathi successfully completed the NPTEL course on Quantum Algorithms and Cryptography.



PATENT PUBLICATION

A design patent is granted:

Title of the Design: "AUGMENTED REALITY GLASSES FOR SKIN CANCER CLASSIFICATION",
Application No.: 378953-001, Filed Date:
09.02.2023, Granted Date: 04.05.2023

Authors : Ms. S. Kalavathi
Dr. V. M. Sivagami.

- Dr. C. Yaashwanth and Dr. K. Suresh filed a design patent titled "A Portable Agriculture Monitoring Device ", in IPR; Kolkata which has been granted. Application No. : 369500-001, Date of Filing : 20/8/2022, Publication Details : The Patent Office Journal No. 20/2023 Dated 19/05/2023 pp. 33924, Grant Notification : 19/05/2023 .



FACULTY ACHIEVEMENTS FACULTY RESEARCH DAY

Mr. E Sivakumar, AP/INT secured FIRST place in the Faculty Research Day held on May 26, 2023 in the Department of Computer Science and Engineering.



PRESENTATION IN NATIONAL CONFERENCE

Dr K.Kiruthika Devi, Dr V.Vidhya, Ms P. Meenakshi, and Ms M.Mythra, a third year IT Student published a paper titled "MACHINE LEARNING ALGORITHMS FOR TWITTER SPAM DETECTION" in the National Conference on Innovation in Engineering and Technology.



RECOGNITION

Dr V.M. Sivagami

- Acted as Session Chair & Technical committee member in the International Conference on Information system and software engineering at Meenakshi Sundararajan Engineering College.
- Acted as technical expert for the Academic audit conducted by meenakshi sundararajan engg college



FACULTY ACHIEVEMENTS

INTERNATIONAL CONFERENCE

List of papers presented in the International Conference on Information system and software engineering at Meenakshi Sundararajan Engineering College

1.	Machine Learning Models for Weather Analysis and Prediction	P Pranav Raj B Roshan Vijayaragavan S Vaduganaathan Dr.K.Kiruthika Devi
2.	Fitness tracker using Mediapipe Pose Classification	Kesav S J Madhav Hari Barath J Dr.V.M Sivagami
3.	Identifying and Fixing Vulnerabilities in Mobile Online Application using Machine Learning	V.Ramesh Aravind R.Ranjan Siddharth V.M.Sunil Sudharshan Dr. T. Sukumar
4.	Secure Chat System	Deekshitha .M Febia Thomas Poonam Bala Dr.Sumathi G
5.	Phishing Attack Detection using Machine Learning Techniques	Abishek V Aryan TSB Nikkila GS Mr.Sivakumar.E
6.	Business support system for handling Illegal money transfer- A part of Cybercrime	Pooja.S Dr.V.M.Sivagami
7.	A Secured Online Event Management System for Institutions	Sai Nithish S Srinivasan Gokulakrishnan Dr. D. Jayanthi
8.	Succour To Farmers	Roshaan Roheth Dr D Jayanthi

FACULTY ACHIEVEMENTS

EVENT COORDINATION

Department of EC and IT in association with FODSE & IETE conducted Ease the Error 3.0 - 24 hour intercollege Hackathon at SVCE on May 15, 2023. It was coordinated by Dr.N.Devi, Mr. AR.Guru Gokul, Dr. P.Leela Rani, Dr.K. Kiruthika Devi & Ms. A. Indumathi.



Dr. K. Kiruthika Devi facilitated the sponsorship of Rs 8,500 from alumnus for Ease the Error hackathon.

Mr N.Harikumar , Alumnus (2004-2008) sponsored an amount of Rs 5000 .



Mr Rahul Somasundaram, Senior Software Engineer, Checkpoint systems. (2013-2017) sponsored an amount of Rs 2500/-

Mr Prabhuram, Alumnus (2012-16) sponsored an amount of Rs 1000.



EVENTS ORGANIZED GUEST LECTURE

Guest Lecture On “Overview of REST API” by Mr.Prabhu Rajendiran, Senior Manager, Imarticus Learning,Chennai was conducted on May 16th 2023.

Event Coordinators: Dr.V.Vidhya & Dr.K.Kiruthika Devi

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



EVENTS ATTENDED



Dr. A. Kala attended the FDP on Education 5.0 organized by Dr. M.G.R Educational and Research Institute from May 15, 2023 to May 19, 2023.

N. Uma, A. Indumathi and R. Saktheeswari attended Faculty Enrichment Program on GenAI held on May 25th 2023 at LTIMindtree - Chennai office.



EVENTS ATTENDED

Dr. G. Sumathi, Dr. P. Leela Rani, Dr. A. Kala, Dr. P. Sharon Femi, Ms. A. Indumathi, Ms. R. Saktheeswari, Ms. N. Uma, Ms. S. Jerusha, Ms. M. Sugacini, Mr. AR. Guru Gokul and Ms. S. Kavishree attended IBM TECH TALKS

- by Dr Krishnasuri Narayanam, "Senior Research Engineer" at IBM Research on "Introduction to Blockchain Technology" in the PALS IBM TECH TALK SERIES on April 4th, 2023.
- by Dr Kamal Das, Research Scientist in climate and sustainability research at IBM Research on "AI for Agriculture" in the PALS IBM TECH TALK SERIES conducted on April 5th, 2023.

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
- Dr. K. Kiruthika Devi
Associate 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

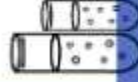
Penetration Tester

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.