#HASHTAG

#ITNLNOV2024

DEPARTMENT OF INFORMATION TECHNOLOGY

CONTENTS

SVCE | Sri Venkateswara College of Engineering

DEPARTMENT VISION

To cultivate an environment that empowers individual students to excel in the field of Information Technology at both national and global levels, by fostering innovative contributions and achievements through the provision of cutting-edge facilities and robust support systems.

DEPARTMENT MISSION

1. To create a transformative learning environment that empowers students with cutting-edge technology and resources, promoting active participation in Information Technology education, research, and innovation.

2. To advance the technical and ethical competencies, equipping students with the necessary skills to address the evolving demands of society and contribute effectively to the digital landscape.

3. To harness experiential learning opportunities in Information Technology, preparing students to develop innovative solutions that address engineering and technological challenges on both national and global levels.

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

Graduates will possess a comprehensive understanding of information technology principles and practices to analyze, design, develop IT solutions, addressing technical challenges across various industries through innovative and collaborative problem-solving.

2. Graduates will demonstrate a dedication to lifelong learning and professional development, equipping themselves with the knowledge and skills necessary to pursue advanced studies and engage in research in the field of information technology.

3. Graduates will apply their technical expertise and analytical skills to create innovative computing systems for real life challenges leading to entrepreneurial ventures.
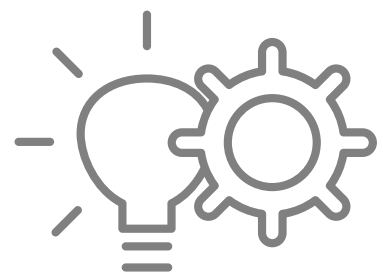
PROGRAM OUTCOMES (POs)

- **Engineering Knowledge:** Engineering Knowledge: Apply the knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.

- **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.

- **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.

- **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.

- **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.

- **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.

- **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.

- **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

- **Individual and team work:** Function effectively as an individual and as a member or leader in diverse teams, and in multidisciplinary settings.

- **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.

- **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.

- **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.

The B.Tech Information technology programme demonstrates the following two Programme Specific Outcomes (PSOs):

11. Apply domain expertise and programming skills to analyze problems and develop computational systems that address real world challenges.

2. Explore the state of the art technologies to meet the evolving demands of Information Technology industry and societal applications.

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STUDENT ACHIEVEMENTS

Shortlisted Teams for the Finals of Smart India Hackathon

SIH 2024 shortlisted Teams for the final round- 2 teams from IT

SHORTLISTED TEAM 1:

Team Name : Trailblazing
Team members: Thiwahar IT, Vijay IT ,Varun IT, Sreevaradan IT, Sathyam Kumar IT & Subhashree IT.
Mentor: Dr. P. Sharon femi, ASP/IT.

Shortlisted Team 2:

Team Name : One Epoch
Team members: Ayush Nytik Joshi CSE, Antony Xavio Immanuel EEE, Anisha O M S EEE, Dhanesh Venkateslu IT, Kevin Christopher CSE, Ashvatha R EEE.
Mentors : Dr. V. Vidhya , Prof & Head/IT, P. Meenakshi AP/INT

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STUDENT ACHIEVEMENTS

Congratulations

Round 2 of the BIS Hackathon

Congratulations on Advancing to Round 2 of the BIS Hackathon!!!

We are pleased to inform you all that 4 of the IT proposals got shortlisted for BIS Hackathon. This is a remarkable achievement, and we are incredibly proud of your hard work and dedication.

Varshini M, Meghadarshini J, Stefan K, Varsha K, Sri Ananya Inukurthi, Shahul S A.
Mentor: Ms.N.UMA.

Nantha Sridar P, Manoj Kumar M, Mubeena M, Harini E, Naresh M, K Balamurugan.
Mentors: Dr.D.Jayanthi, R.Saktheeswari

Divya G, Akshaya J, Aarthi A, Dharshni R, Krittika K, Jayashree V
Mentor: Dr.P.Leela Rani

Raghavendhar R, Yugan T, Ramkishore A V, Praveen Palanivel, Mohanakrishnan K, Raghavendhar R
Mentor: Mr.A.Thiyagarajan

STUDENT ACHIEVEMENTS

National Level Technical Symposium

II year and III year IT students have won prizes in various events at the National Level Technical Symposium organized by **Saveetha Engineering College during 8th and 9th November 2024.**

Swathi A, Shajini A, Smirithi, Meghadarshini J of II year INT B secured **I place with a cash prize of Rs.2000 in the "Techtopia event"** under the mentorship of **Dr. N. Devi, ASP/INT & Ms.B.Umadevi, AP/INT.**

STUDENT ACHIEVEMENTS

National Level Technical Symposium

Akshaya S, Akshaya S, Abigail P of III year INT A secured **I place with a cash prize of Rs. 2000 in the "Prompt Arena Event"** under the mentorship of **Dr.P.Leela Rani, ASP/INT.**

STUDENT ACHIEVEMENTS

National Level Technical Symposium

J Purushothaman, Sanjay Ram D, Prazilkar S S of III year INT B secured **II place with a cash prize of Rs. 1500** in the event P**rompt Arena** under the mentorship of **Dr.A.Kala, ASP/INT**.

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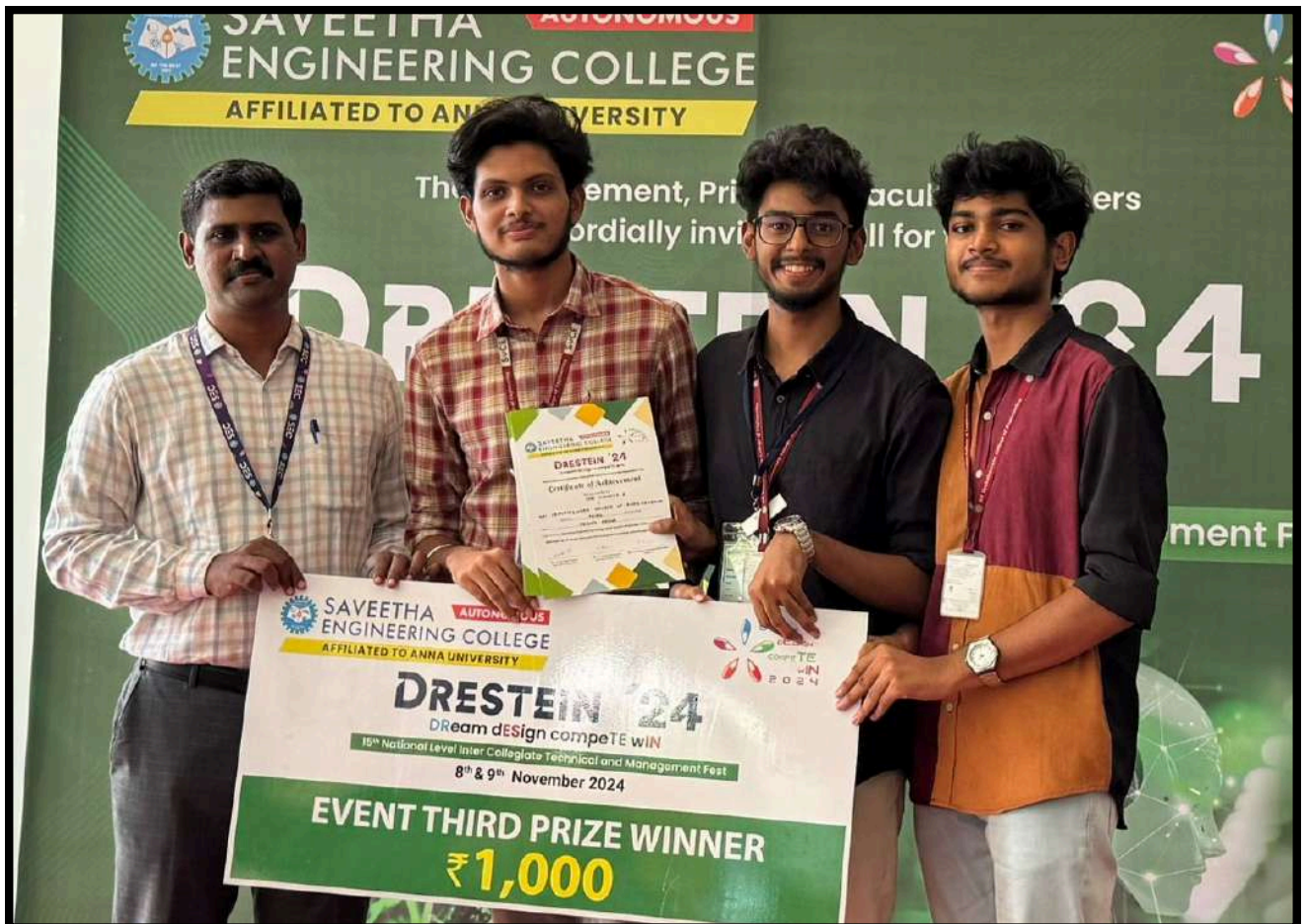## STUDENT ACHIEVEMENTS

National Level Technical Symposium

Samson A & Vikram of III year INT B secured **II place with a cash prize of Rs. 1500 in the Coder's Clash Event** under the mentorship of **Mr.N.Selvaganesh, AP/INT & Dr.A.Kala, ASP/INT.**

STUDENT ACHIEVEMENTS

National Level Technical Symposium

Balaji S, Shri Vignesh V S, Shri Shivesh S, of II year INT A & B secured **III place with a cash prize of Rs. 1000 in the Prompt Arena Event** under the mentorship of **Ms.N.Uma, AP/INT.**

STUDENT ACHIEVEMENTS

National Level Technical Symposium

Praveen R, Monish Ram J of II year INT B secured **III place with a cash prize of Rs. 1000 in the Design Dhamaka Event** under the mentorship of **Ms.B.Umadevi, AP/INT.**.

Congratulations!

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STUDENT ACHIEVEMENTS

National Level Technical Symposium

Praneesh V K, Premalatha J, Vishal Athreya E of III year INT B secured **III place in Bridge IT Event with a cash prize of Rs. 1000** under the mentorship of **Dr.A.Kala, ASP/INT.**

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STUDENT ACHIEVEMENTS

National Level Technical Symposium

K Siddharth, V Vignesh Kumar, S Vishnu of III year INT B secured **III place in Tech Bid Arena Event Event with a cash prize of Rs. 1000** under the mentorship of **Dr.K.Kiruthika Devi, ASP/INT.**

PALS ACTIVITIES

Akshaya J of **III year IT A** section is shortlisted from the TINKATHON workshop to actively participate in the **Residential Student Workshop, a 3 day residential workshop program from November 28th – 30th, 2024 @ IITM Campus.**

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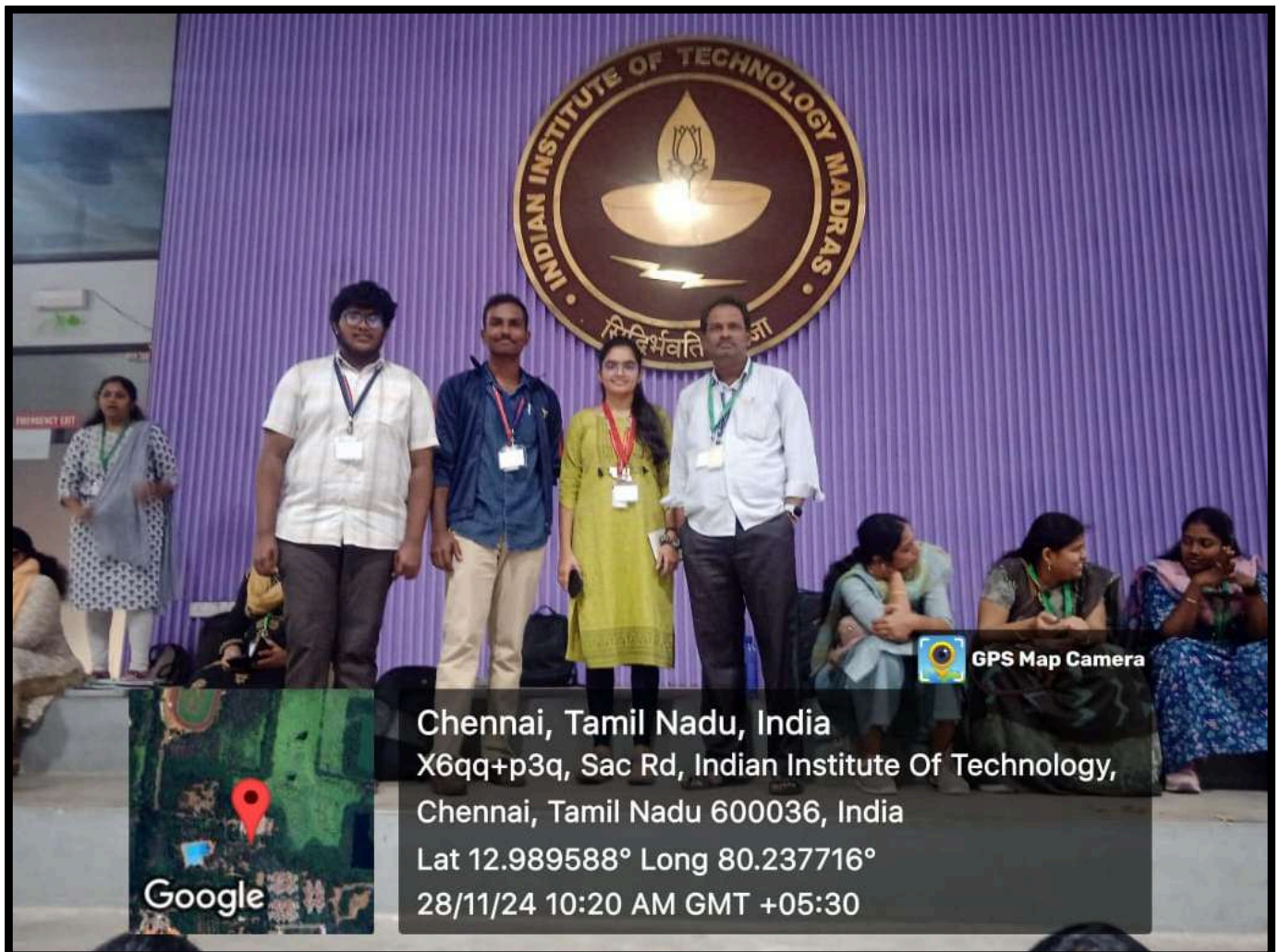
PLACEMENT CORNER

Preetha B of final year IT got an Intern from **Amazon with stipend of Rs.1.1 lakh per month.**

Dharanish P and Jayanth KL of final year IT got an offer from **Assetplus with a salary package of 8.89 LPA.**

Keerthana R.E of final year IT got an offer from **Adenza Nasdaq with a salary package of 6.5LPA.**

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PLACEMENT CORNER

OFFER

The below mentioned students of final year IT got offers from LTI Mindtree with a salary package of 5.5LPA.

Barath Raj C R

Dharshan D

Harini Padma M

Kathiravan M

Pragatheeshwar S

Yogitha S

HASHTAG

PLACEMENT CORNER

The below mentioned students of final year IT got offers from Cognizant with a salary package of 4.5 LPA.

Harini Padma M

Swetha Sri I

Varsha J

Varun Krishnakumar

Srinivasan Gokula Krishnan

Neha Jain G

Sabarees A

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PLACEMENT CORNER

OFFER

The below mentioned students of final year IT got offers from Infosys with a salary package of 3.6LPA.

Harish Raghavan V

Keerthana M

Nanthanavalli V

Nareshraj P

Shreya S G

Neha Jain G

Sabarees A

PLACEMENT CORNER

INTERN OFFERS

Rashmika R S and Raja Vishalini G of third year IT got Intern from Kriya docs with a stipend of Rs.15,000 per month.
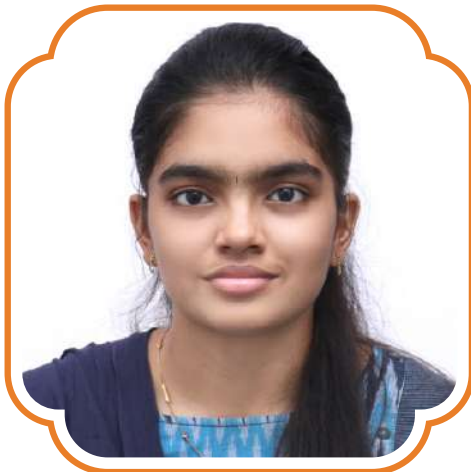
Akshaya J and Balamurugan K of third year IT got six months intern from RegKey.

FACULTY CORNER

RESOURCE PERSONS

Dr.V.M.Sivagami Prof/INT acted as Jury member for Paper presentation event Drestein'24 Symposium at Saveetha Engineering College, on 9th November 2024

FACULTY CORNER

RESOURCE PERSONS

Dr. N. Devi, ASP/INT delivered a keynote talk and served as session chair in the IEEE Technically co-sponsored 2024 International Conference on Smart Technologies for Sustainable Development Goals organized by S.A Engineering College on 07-11-2024.

FACULTY CORNER

RESOURCE PERSONS

Dr. D. Jayanthi, ASP/INT delivered a hands-on session on "Building the Cloud: Virtualization Concepts and Hands-on with GCP and AWS" organized by the Smart CIS Club, Department of Computer Information Science, Missouri Southern State University, Joplin, MO, on 7th November 2024.

COMPUTER INFORMATION SCIENCE, MISSOURI SOUTHERN STATE UNIVERSITY, JOPLIN, MO

BUILDING THE CLOUD

VIRTUALIZATION CONCEPTS AND HANDS-ON WITH GCP AND AWS

Dr. D. JAYANTHI,
Associate Professor,
Department of Information Technology
Sri Venkateswara College of Engineering.
Sriperumbudur - 602 117

MEET LINK

07 NOVEMBER 2024

FACULTY CORNER

RESOURCE PERSONS

Dr. A. Kala ASP/INT delivered a keynote talk titled **" Harnessing the power of Artificial Intelligence"** and served as session chair in the **IEEE Technically co-sponsored 2024 International Conference on Smart Technologies for Sustainable Development Goals** organized by S.A Engineering College on 07-11-2024.
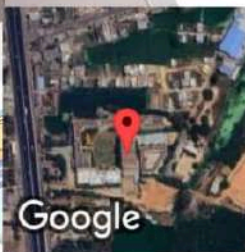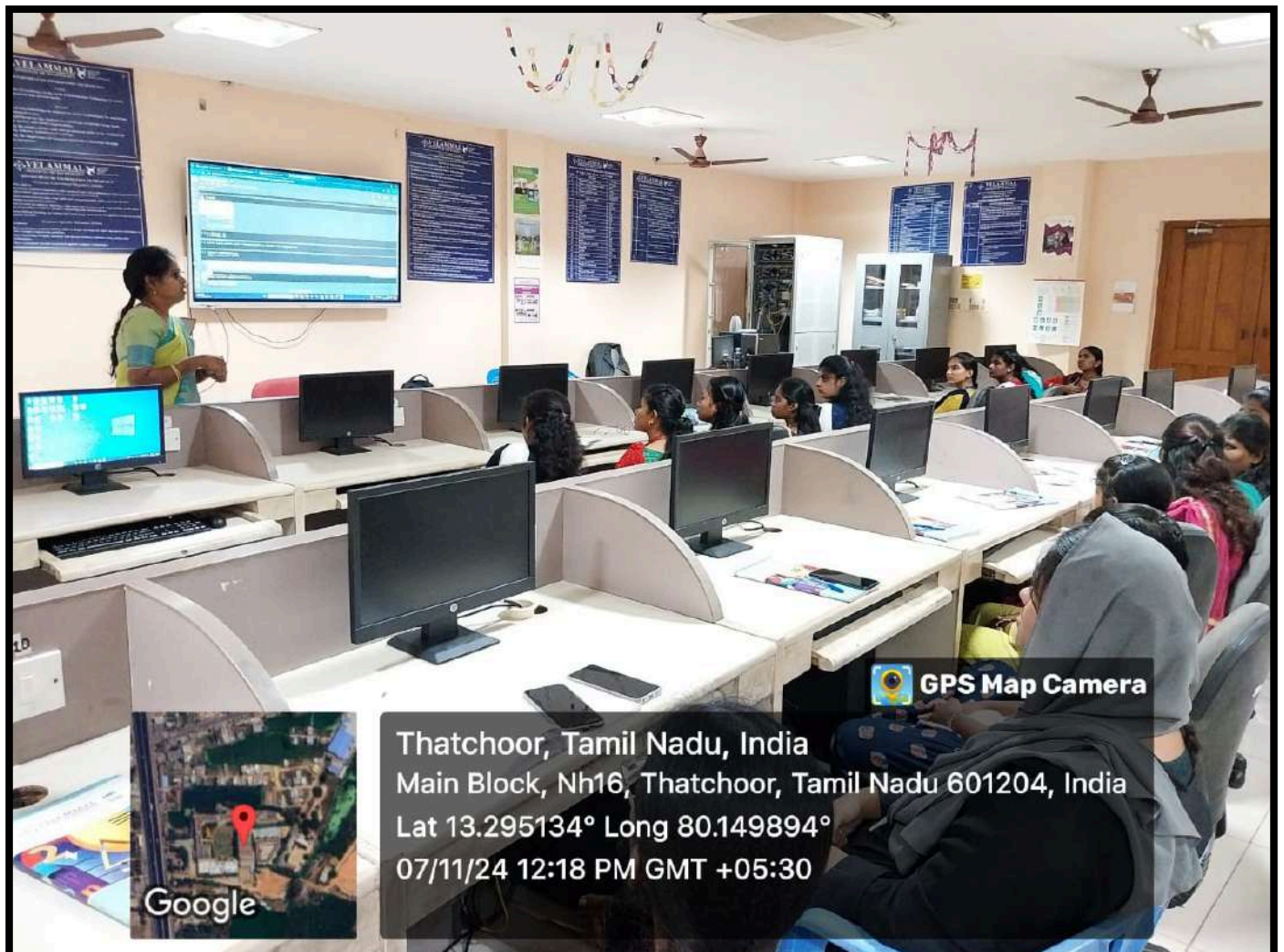
FACULTY CORNER

RESOURCE PERSONS

Dr. K. Kiruthika Devi ASP/INT delivered a technical talk titled **Artificial Intelligence for Predictive Analytics "** at Velammal Institute of Technology on 7/11/24.

FACULTY CORNER

RESOURCE PERSONS

Dr.P.Sharon Femi, ASP/INT served as keynote speaker and session chair for the **IEEE International Conference on Smart Technologies for Sustainable Development Goals (ICSTSDG) on 07-11-2024 at S.A.Engineering College, Chennai.**
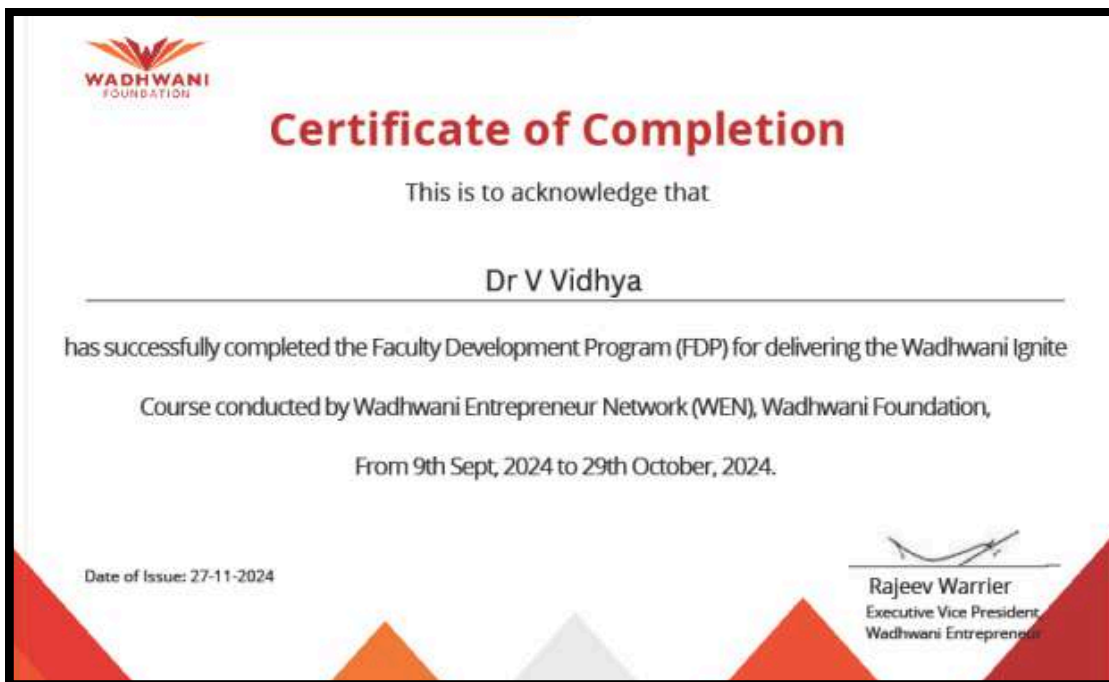

Dr.A. Indumathi, ASP/INT served as keynote speaker and session chair for the **IEEE International Conference on Smart Technologies for Sustainable Development Goals (ICSTSDG) on 07-11-2024 at S.A.Engineering College, Chennai.**
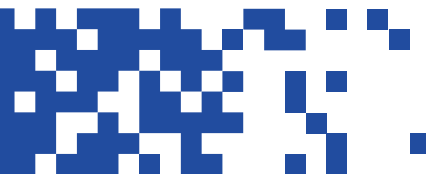
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FACULTY CORNER

EVENTS ATTENDED

Dr. V Vidhya, HOD/INT, Dr D Jayanthi, ASP/ INT , Mr E Sivakumar, AP/INT completed FDP for delivering Wadhwani Ignite Course conducted by Wadhwani Foundation from Sep 9 - Oct 29, 2024.

Certificate of Completion

This is to acknowledge that

Dr V Vidhya

has successfully completed the Faculty Development Program (FDP) for delivering the Wadhwani Ignite

Course conducted by Wadhwani Entrepreneur Network (WEN), Wadhwani Foundation,

From 9th Sept, 2024 to 29th October, 2024.

Date of Issue: 27-11-2024

Rajeev Warrier
Executive Vice President,
Wadhwani Entrepreneur

Provisional Certificate of Completion

This is to acknowledge that

Dr D Jayanthi

has participated in the Faculty Development Program (FDP) for delivering the Wadhwani Ignite Course

conducted by Wadhwani Entrepreneur Network (WEN), Wadhwani Foundation,

From 9th Sept, 2024 to 29th October, 2024.

Date of Issue: 27-11-2024

Rajeev Warrier
Executive Vice President,
Wadhwani Entrepreneur

FACULTY CORNER

EVENTS ATTENDED

WADHWANI FOUNDATION

Provisional Certificate of Completion

This is to acknowledge that

E Sivakumar

has participated in the Faculty Development Program (FDP) for delivering the Wadhwani Ignite

Course conducted by Wadhwani Entrepreneur Network (WEN), Wadhwani Foundation,

From 9th Sept, 2024 to 29th October, 2024.

Date of Issue: 11-11-2024

Rajeev Warrier
Executive Vice President,
Wadhwani Entrepreneur

·**Dr.V.M.Sivagami, Prof/IT** attended one day expert talk on Research Funding Proposals on 8.11.2024 organized by department of Mechanical Engineering ,SVCE.

FACULTY CORNER

EVENTS ATTENDED

Dr. D. Jayanthi, ASP/INT attended 3 days STTP on "Generative AI" from November 11-13, 2024 organized by the Department of Computer Science and Engineering, Sri Venkateswara College of Engineering.

Dr. V Vidhya, HOD/INT, Dr. P Sharon Femi, ASP/INT, and Mr.E.Sivakumar, AP/INT attended Mentorship Development Program conducted by BYST organized by SVCE-EPIC on Nov 21, 2024.

FACULTY CORNER

EVENTS ORGANIZED

The Department of Information Technology organized a webinar on "Digital Project Management" in association with AIT on 9th November 2024 at 6:30 PM. **Dr. Arvind A. R., Deputy General Manager at Ashok Leyland, Chennai, was the chief guest.** The event was coordinated by Dr. A. Kala, ASP/IT, and Dr. P. Sharon Femi, ASP/IT, in collaboration with Dr. V.M. Sivagami, Prof/IT, and Mr. A. Thiyagarajan, AP/IT, Department AIT Coordinators.

FACULTY CORNER

STAKE HOLDER MEETING

·Dr. V.M. Sivagami and Dr. A. Kala, Department IQAC Coordinators, organized a stakeholder meeting on 14th November 2024 to revise the department's vision, mission, program educational objectives, and program-specific objectives based on feedback from stakeholders.

The Head of Department (HoD) of IT presented the department's vision and mission statements to the stakeholders during the meeting.

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FACULTY CORNER

STAKE HOLDER MEETING

PARENT TEACHER MEETING

Parent-Teacher Meeting (PTM) for first year parents was scheduled on 23rd November 2024. The following key points were discussed: academic Progress, behavioral observations and suggestions for improvement.

33

Sri Venkateswara
College of
Engineering

FACULTY CORNER

PARENT TEACHER MEETING

Kanchipuram, Tamil Nadu, India
Xxpf+v64, Kanchipuram, Tamil Nadu 602105, India
Lat 12.987172° Long 79.973097°
23/11/24 09:51 AM GMT +05:30

Kanchipuram, Tamil Nadu, India
Xxpf+v64, Kanchipuram, Tamil Nadu 602105, India
Lat 12.987168° Long 79.973097°
23/11/24 09:50 AM GMT +05:30

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. N. Selvaganesh
Assistant Professor

NEWSLETTER EDITORS

Dr. Leela Rani P
Associate Professor

M. Buvarna Rithika
III Year IT-A

Sanjana Madankumar
II Year IT-B

SVCE | Sri Venkateswara College of Engineering

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.
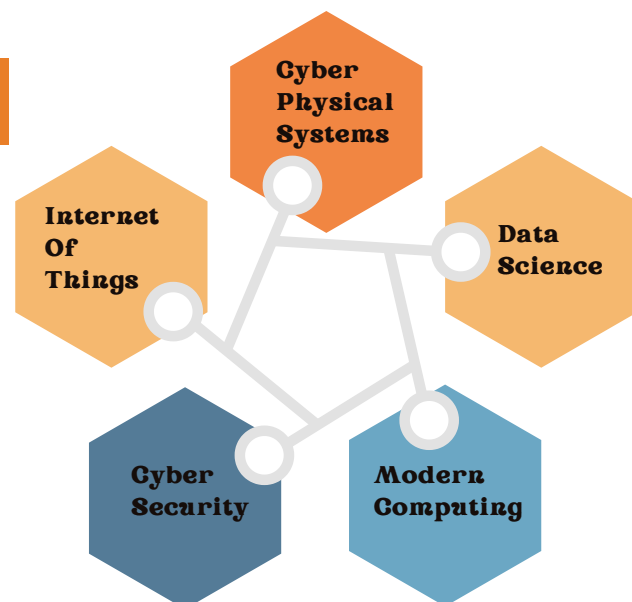- An exclusive product development centre.

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

DEPARTMENT OF INFORMATION TECHNOLOGY

M.TECH. CYBER FORENSICS & INFORMATION SECURITY

ABOUT US

M.Tech Cyber Forensics and Information Security is a comprehensive 2 years PG program designed to equip students with the knowledge and practical skills necessary to excel in the field of cybersecurity.

National Cyber Safety and Security Standards works with the Government and Industry on cyber policies. SVCE, recognized as a resource center, manages this through its IT department.

ELIGIBILITY

BE or B.Tech in

- Information Technology
- Computer Science and Engineering
- Electronics Engineering
- Electronics and Communication Engineering
- Information Security and Digital Forensics
- Other relevant branches from recognized institutions

Paving the Way for a Secure Future

- Chief Information Security Officer
- Forensic Computer Analyst
- Information Security Analyst
- Penetration Tester
- Security Architect
- IT Security Engineers
- Security System Administrator
- IT Security Consultant

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 student 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
- **Core IT company placements**, including CTS, TCS, Infosys, Accenture, Wipro, and Ericsson.
- **Outstanding PG Student Award:** Honoring the top-performing final-year PG student.
- **Certification Courses:** Access to NPTEL, MOOC, Coursera, and AWS certifications.
- **Competitions:** Students are encouraged to aim for awards like TNSCST, INAE, and Gandhian Awards.
- **Research Publications:** Guidance to publish in reputed national and international journals.
- **Strategic MoUs:** Collaborations with Infosys, Taylor's University, Worldline, Quadsel Systems, Rela Hospital, and more, offering internships, training, and placements.
- **Knowledge Access:** IEEE, Springer, ACM, Elsevier, and other journals available on campus for research support.
- **Industrial Exposure:** Regular industrial visits and expert guest lectures to enhance academic and research capabilities.
- **Leadership Development:** Opportunities to organize national-level technical symposiums.
- **Horizon Magazine:** A platform to showcase innovative research ideas from IT students.