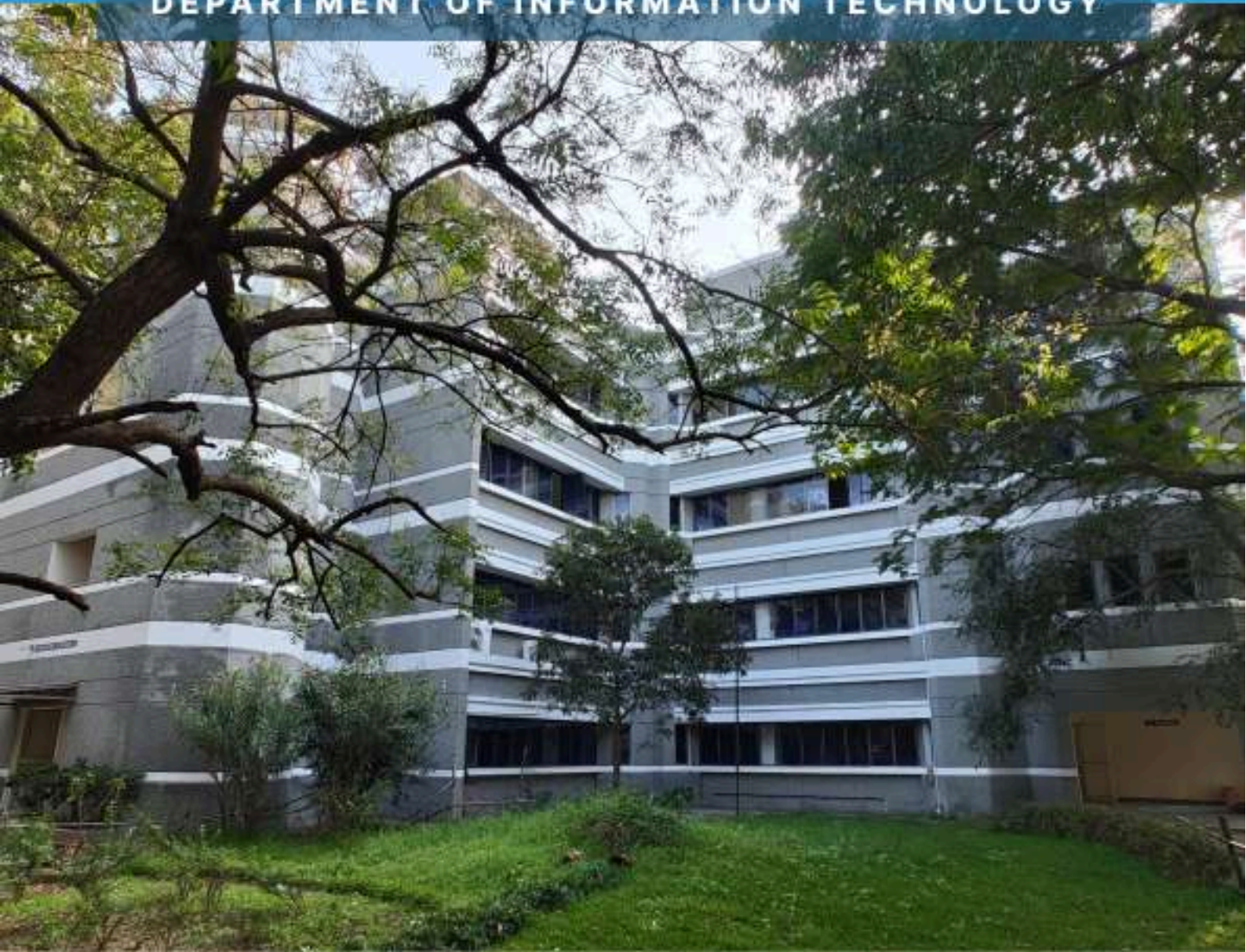


VOLUME NO. 2 // ISSUE NO. 9 // JUL 2024

HASHTAG

#ITNJUL2024

DEPARTMENT OF INFORMATION TECHNOLOGY



SRI VENKATESWARA COLLEGE OF ENGINEERING
Sriperumbudur - 602 117 (Autonomous - affiliated to Anna University)



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HASHTAG

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.

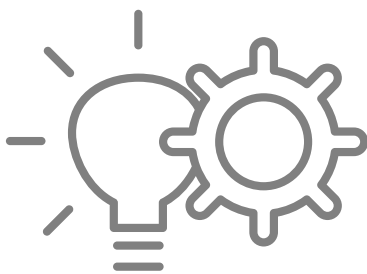
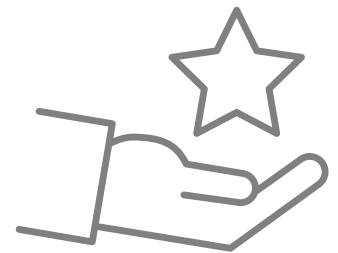
PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

The graduates of Information Technology program will demonstrate themselves as leading professionals.



The graduates of Information Technology program will be equipped with the necessary skills to become proficient researchers.

The graduates of Information Technology program will demonstrate their abilities as successful entrepreneurs.



The graduates of Information Technology program will excel in higher studies or modern administrative services.

PROGRAM OUTCOMES (POs)

- **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.

HASHTAG

- **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.

PROGRAM 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 CORNER

STUDENT COUNCIL PRESIDENT



Congratulations

Heartiest Congratulations to Rahul MC!

We are thrilled to announce that Rahul MC from the Final Year IT B section has been elected as the President of the Student Council for the academic year 2024-2025.

STUDENT CORNER

ALUMNI SCHOLARSHIP (1985-89 BATCH)



Aarthi A
III Year A Section



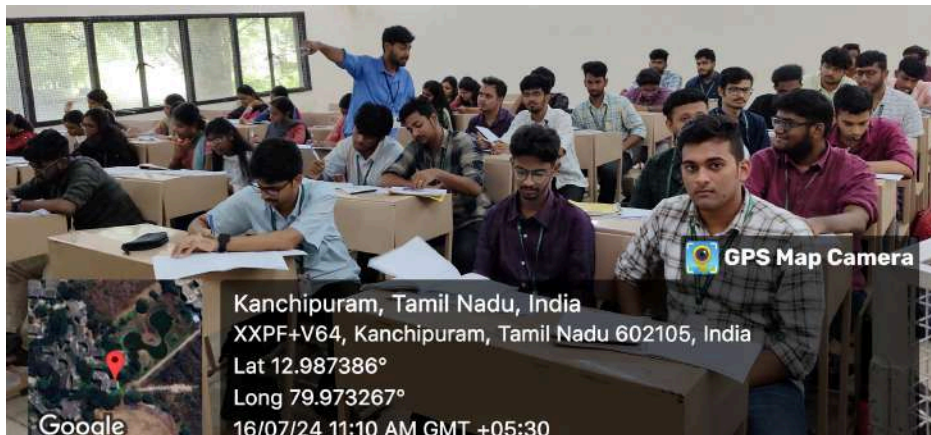
Monika S
IV year B Section

STUDENT CORNER

TRAINING PROGRAMME

Placement Programming training was organised for final year students of IT, Mech, Auto, Civil, Biotech departments from 01.07.2024 to 06.07.2024.

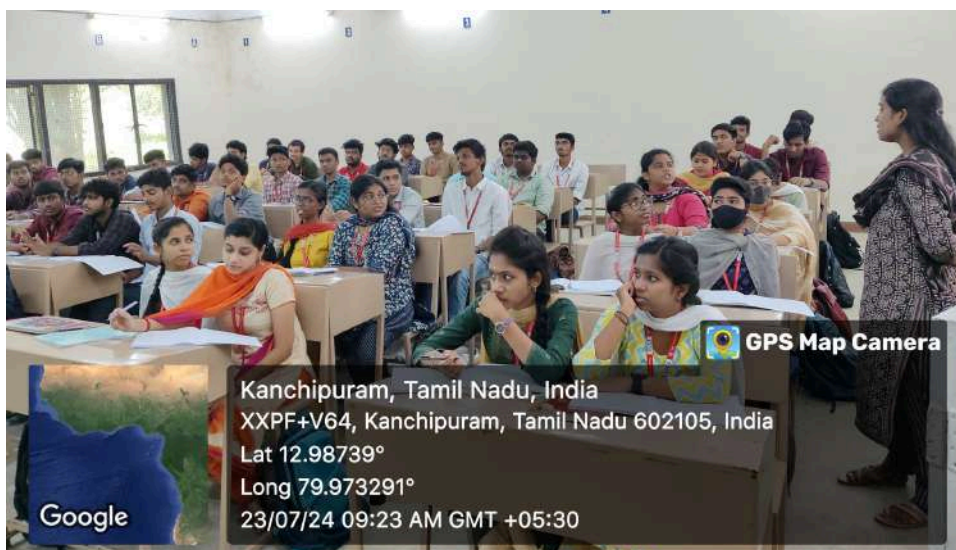
Springboard placement training was organised for final year IT students from 15.07.2024 to 20.07.2024



STUDENT CORNER

TRAINING PROGRAMME

Springboard placement training was organised for third year IT students from 22.07.2024 to 27.07.2024.



STUDENT ACHIEVEMENTS

PLACEMENT CORNER



Manisha M of final year got an offer from Lavendal consulting with a salary package of **6 LPA.**



Subash V of final year got an offer from Superops with a salary package of **6 LPA.**

STUDENT ACHIEVEMENTS

PLACEMENT CORNER



Roheth S of 2020–2024 batch got an offer from TCS with a salary package of **7 LPA**

Barath S of 2020–2024 batch got an offer from TCS with a salary package of **7 LPA**

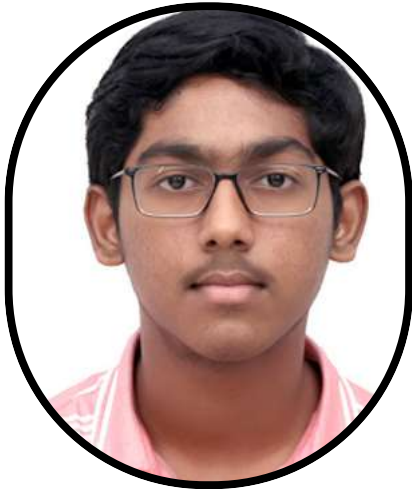
Swamynath S of 2020–2024 batch got an offer from TCS with a salary package of **7 LPA**



Vijayaragavan T of 2020–2024 batch got an offer from Ascendion with a salary package of **4.5 LPA**

STUDENT ACHIEVEMENTS

PLACEMENT CORNER



Harish kumar P of 2020-2024 batch got an offer from Ascendion with a salary package of **4.5 LPA**



Jeevanandh M of 2020-2024 batch got an offer from Ascendion with a salary package of **4.5 LPA.**



Udhaya Dharshini V of 2020-2024 batch got an offer from Ascendion with a salary package of **4.5 LPA.**

STUDENT ACHIEVEMENTS

PLACEMENT CORNER



Yogendra Kumar A K M of 2020-2024 batch got an offer from Pointel Solutions with a salary package of **3.5 LPA**



Deva M of 2020-2024 batch got an offer from TCS with a salary package of **3.36 LPA**

Akshaya kumar M of 2020-2024 batch got an offer from TCS with a salary package of **3.36 LPA**



Yugeshwari D of 2020-2024 batch got an offer from TCS with a salary package of **3.36 LPA**

STUDENT ACHIEVEMENTS

PLACEMENT CORNER



Gobinathan B of 2020-2024 batch got an offer from TCS with a salary package of **3.36 LPA**



Roshan S of 2020-2024 batch got an offer from TCS with a salary package of **3.36 LPA**



Sahana S of 2020-2024 batch got an offer from TCS with a salary package of **3.36 LPA**

PLACEMENT CORNER

Department of Information Technology & Training and Placement cell in association with LTI Mindtree conducted Mock Interview for final year students on 25.07.2024.



Dr.V.Vidhya, HOD/INT interacted with the LTI Mindtree tree team and discussed about the students performance in mock interview.



FACULTY CORNER

ASSISTANT ACADEMIC
COORDINATOR**DR. D. JAYANTHI, ASP/INT**

appointed as ASSISTANT ACADEMIC COORDINATOR
with effect from 01.07.2024.

PATENTS

**DR.C.YAASHUWANTH**

filed a patent on July 22nd 2024 and published on
26th July 2024.

Application number: 202441055532 A

Title: A SMART MIRROR WITH EMOTIONAL AWARENESS

FACULTY CORNER

PATENTS

**DR.K.KIRUTHIKA DEVI**

along with students Mr. SRI HARI SOUNDAR J, Mr.SREEVARDHAN B , Mr.VINODH KANNAS, Mr.VARUN SAH V.R Mr. VINESH SAH S SATHYAM KUMAR R and VIJAY M of III Year INT filed an Indian patent titled "SMART MEDICINE DISPENSER" and the same was published on 3rd May 2024.

**DR.K. SURESH**

is granted a Design Patent titled "Automatic Tyre Inflation System for Vehicles", from IPR, filed on 22/4/2024 and granted on 29/5/2024 with grant No. 414458-001.

RESOURCE PERSONS

Dr. V. Vidhya, Professor & Head delivered a talk on "Introduction to Neural Networks" in the Six Day Anna University sponsored FDTP on "CCS355- Neural Networks & Deep Learning" from July 1-6, 2024.



RESOURCE PERSONS

Dr. V. M. Sivagami, Professor delivered a talk on “Associative Memory And Unsupervised Learning Networks” in the Six Day Anna University sponsored FDTP on “CCS355- Neural Networks & Deep Learning” from July 1-6, 2024



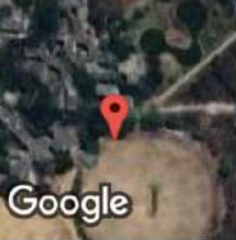
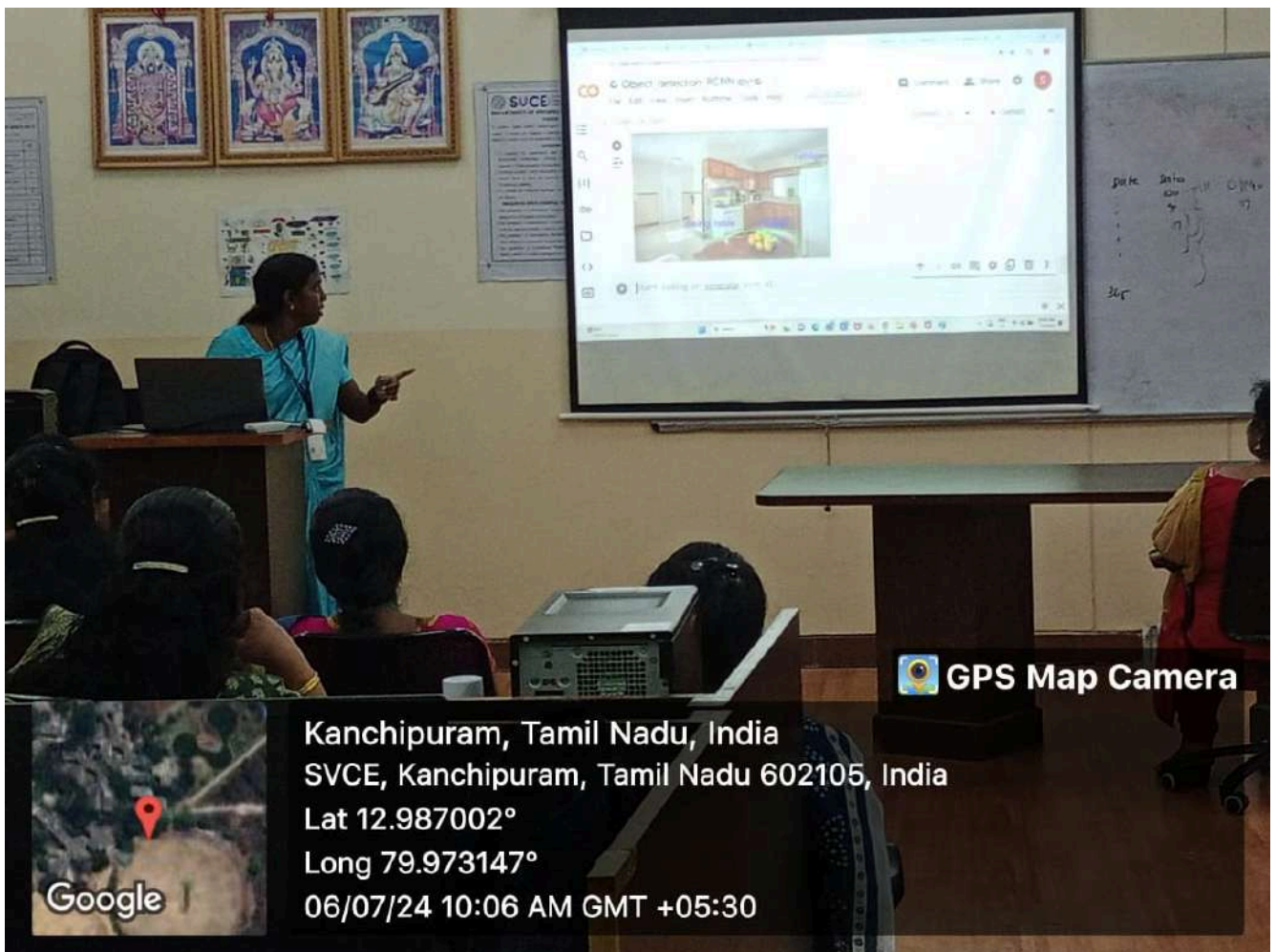
RESOURCE PERSONS

Dr.A.Kala, Associate Professor delivered a hands-on session on “Third generation Neural Networks” in the Six Day Anna University sponsored FDTP on “CCS355- Neural Networks & Deep Learning” from July 1-6, 2024



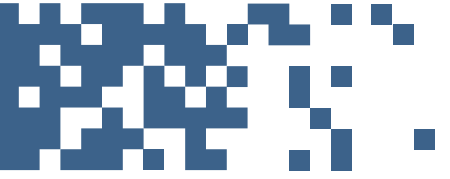
RESOURCE PERSONS

Dr.P.Sharon Femi, Associate Professor delivered a hands-on session on “Recurrent Neural Networks” in the Six Day Anna University sponsored FDTP on “CCS355- Neural Networks & Deep Learning” from July 1-6, 2024.



Kanchipuram, Tamil Nadu, India
 SVCE, Kanchipuram, Tamil Nadu 602105, India
 Lat 12.987002°
 Long 79.973147°
 06/07/24 10:06 AM GMT +05:30

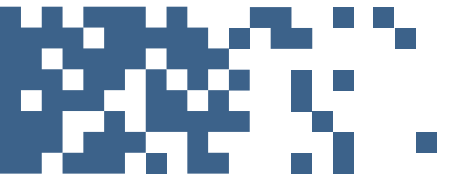
INDUSTRIES VISITED



DR. V. M. SIVAGAMI

visited Companies like Securin ,GUVI and mozero software companies to accompany students from EPIC cell on 9th july 2024.

BIS PROJECT



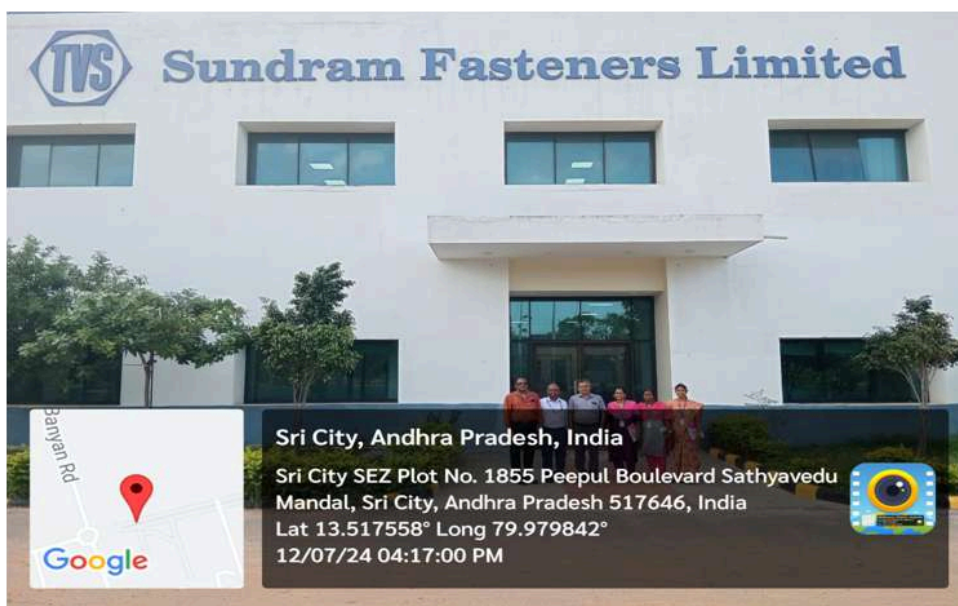
Industries Visited as a part of BIS project titled "Study of Reference Architecture for Smart Manufacturing in India"

Project Team Members: Dr.A.Kala, ASP/INT

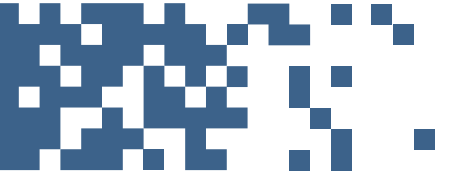
Dr.P.Sharon Femi, ASP/INT

Dr.A.Indumathi, ASP/INT

Dr.S.Gopinath, Prof/Mech



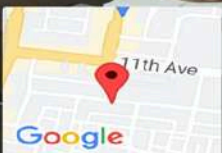
BIS PROJECT



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Sipcot Industrial Park, K3/1, Mambakkam,
Sripierumbudur, Tamil Nadu 602105, India
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15/07/24 02:58:36 PM



Chennai, Tamil Nadu, India
0108-A, First Floor, TIDEL Park, 4, SH 49A,
Tharamani, Chennai, Tamil Nadu 600113, India
Lat 12.989612° Long 80.248815°
24/07/24 01:01:21 PM



Chennai, Tamil Nadu, India
8, 12th Ave, Mettupalayam, Ashok Nagar, Chennai,
Tamil Nadu 600083, India
Lat 13.031278° Long 80.211882°
29/07/24 05:25:59 PM



EVENTS ATTENDED



Dr. Vidhya.V participated in the three day international level Online workshop cum handson training titled "The Essential-AI Program on Outcome Based Education and Essential AI Powered Tools for Researchers, organised by A.C.T. Academy .

Dr. D. Jayanthi, ASP/INT attended Six Day physical mode Anna University sponsored FDTP on "CCS355- Neural Networks and Deep Learning" from July 1-6, 2024 organized by the Department of Information Technology.

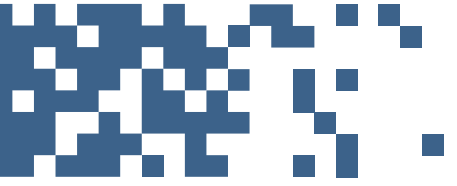
ANNA UNIVERSITY FDP

Department of Information Technology organized Six Day Anna University sponsored FDTP on "CCS355- Neural Networks & Deep Learning" from July 1-6, 2024.

Coordinators- Dr.P.Sharon Femi & Dr.A.Kala



INDUSTRY INSTITUTE INTERACTION MEETING



The Industry Institute Interaction meeting was held on July 26, 2024, through online mode in the department of information technology. The following members were present and shared their views in the meeting.

Industry Experts :

Mr. Harikumar, Research Associate, Ericsson

Ms. Pallavi, CEO, M/S. Imprzd Technologies

Mr. Guru Shankar Sundaram, Spheruler Solutions Pvt Ltd

Mr. Girish Madhavan, Quadsel Systems Pvt Ltd

Mr. Karthikeyan Thangaraj, M/S. Securein

Mr. Raman Viswanthan, Project Manager, Hexaware

Institute Members:

Dr V Vidhya, Prof & Head

Dr T Sukumar, Prof & Assistant Head, IO in charge

Dr Sumathi G, Professor

Dr Sivagami V M, Professor

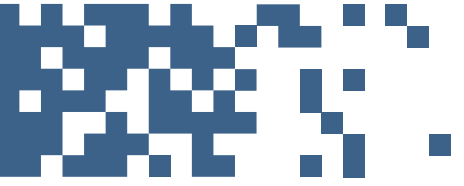
Dr Kiruthika Devi K, Asso. Prof

Dr A.Indhumathi, Asso. Prof

Mr. Praveenkumar V, AP

Ms. Kavishree S, AP

INDUSTRY INSTITUTE INTERACTION MEETING



AIT GUEST LECTURE



Department of Information Technology organized Guest lecture on GenAI and Automation on 31st July 2024 in association with AIT.

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. P. Leela Rani
Associate Professor



A. Aarthi
III Year IT-A



M. Buvarna Rithika
III Year IT-A



S. Keerthana
III Year IT-A



Sanjana Madankumar
II Year IT-B



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.



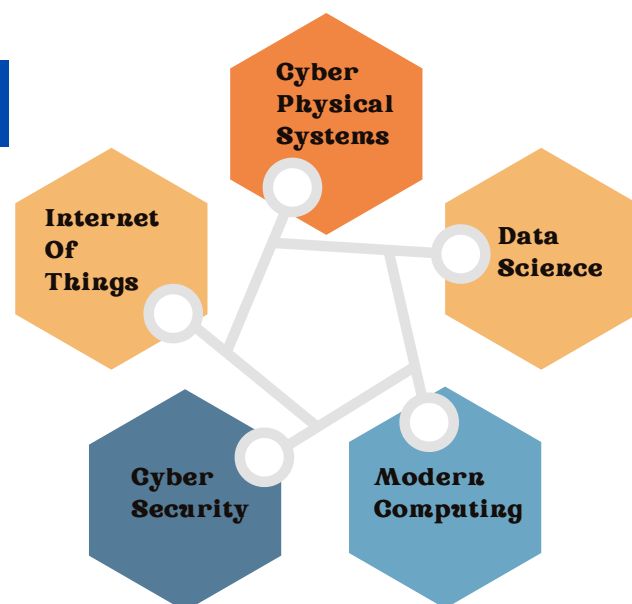
PROGRAMMES OFFERED

- 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



DEPARTMENT OF INFORMATION TECHNOLOGY



M.Tech CYBER FORENSICS & INFORMATION SECURITY



About

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.

■ CHIEF INFORMATION SECURITY OFFICER

■ FORENSIC COMPUTER ANALYST

■ INFORMATION SECURITY ANALYST

■ PENETRATION TESTER

■ SECURITY ARCHITECT

■ IT SECURITY ENGINEERS

■ SECURITY SYSTEM ADMINISTRATOR

■ IT SECURITY CONSULTANT

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



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.

Check out the website for more information or contact us

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
- 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 the research work in reputed national and international journals
- Career guidance and Counselling support provided. The Department has six functional MoU's with industries like Gemini communications, WriteIT and Infoziant (P) Ltd.. which in turn helps the student for internship, training and placement
- Industrial visits and guest lectures by Subject Matter Experts from 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 organising National level technical symposium
- Horizon - A technical research magazine of IT department gives the opportunity to students to showcase their innovative research ideas

