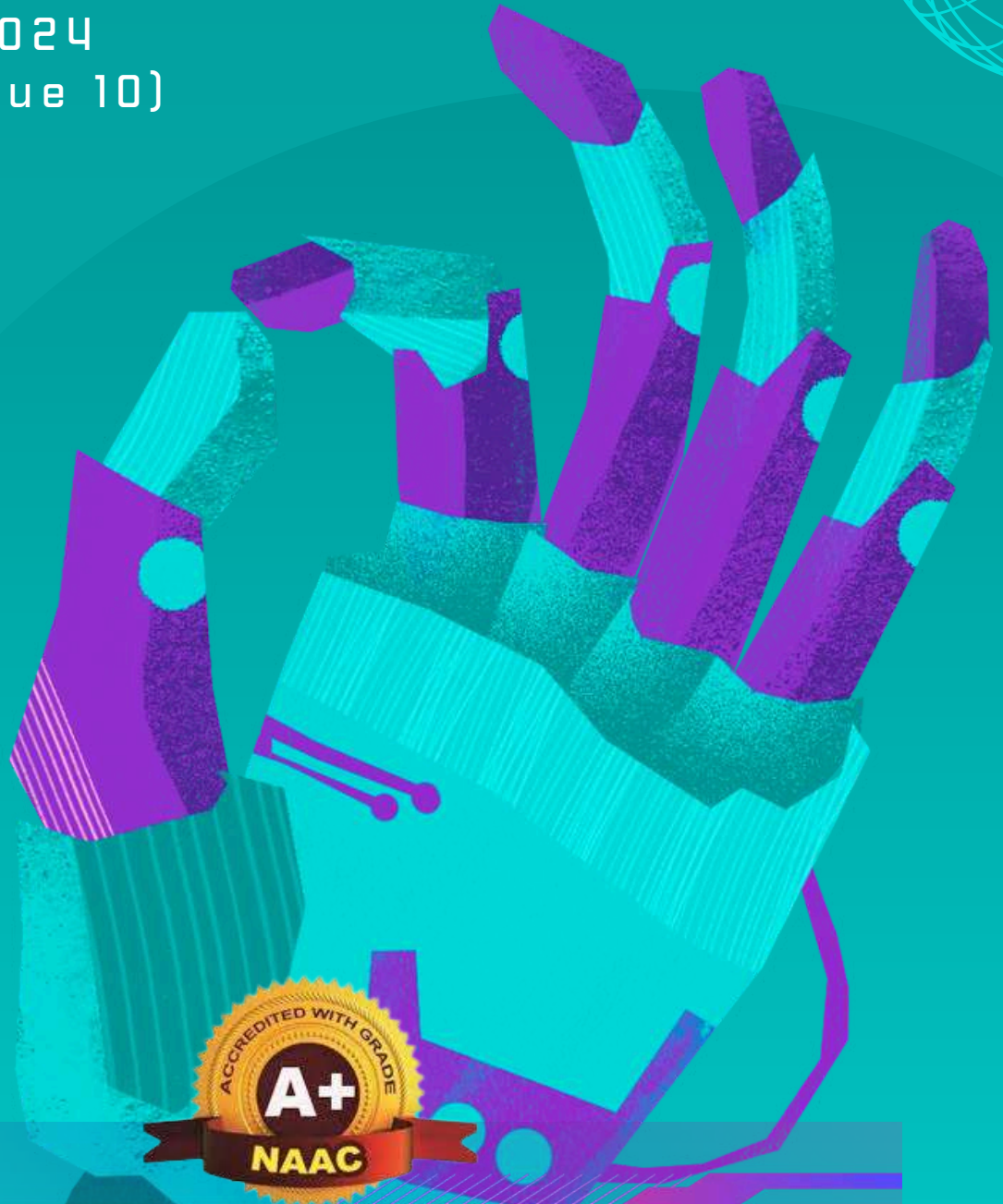




CSE BYTES

DEPARTMENT OF COMPUTER
SCIENCE AND ENGINEERING

Newsletter
October 2024
(Vol 7, Issue 10)



SNO	HEADING	PAGE
1	ABOUT THE DEPARTMENT	1
2	MESSAGE FROM HOD	11
3	PLACEMENT ACTIVITIES	12
4	STUDENTS ACHIEVEMENTS	20
5	FACULTY ACHIEVEMENTS	32
7	RESEARCH ACTIVITIES	49
8	INDUSTRIAL VISIT	55
9	ALUMNI CONNECT	57

ABOUT THE DEPARTMENT

The Department of Computer Science and Engineering was established in the year 1985. Over the past few years, the department has acquired national and international importance. This has been achieved by the collective and responsive effort of the faculty, the supporting staff and the students. The department is well equipped with excellent computing facilities, and has highly qualified faculty specialized in areas like Cloud Computing, Artificial Intelligence, Machine Learning, Data Analytics, Cyber Security, Networking, Data Mining etc.

Programmes offered:

- B.E. Computer Science and Engineering
- B.Tech. Artificial Intelligence and Data Science
- M.E. Computer Science and Engineering
- Ph.D. Computer Science and Engineering

VISION

To gain national and global recognition as a leader in computer science and engineering driven by innovative research, outstanding education, and the accomplishments of our learners, supported by state-of-the-art resources and a collaborative environment

MISSION

- By providing a supportive ecosystem to our learners that fosters continuous learning, education, research, and innovation in computer science and engineering.
- By enhancing the skills and virtues of our learners, enabling them to understand and address societal needs through advanced technological solutions.
- By leveraging the experiential learning in the field of computer science and engineering and cutting-edge research to develop innovative solutions for complex engineering and technological challenges at both national and global levels.

*B.E - Computer Science and Engineering***PROGRAMME EDUCATIONAL OBJECTIVES (PEO)**

- **Professional Excellence and Problem-Solving:** Graduates will be able to demonstrate algorithmic thinking (technical competence) and innovative problem-solving skills in computer science and engineering, successfully contributing to industry, academia, and entrepreneurship at national and global levels.
- **Continuous Learning and Ethical Practice:** Graduates will nurture a culture of lifelong learning, innovation, and ethical integrity, continually enhancing their expertise in computer science and engineering throughout their career and to deliver impactful solutions that adeptly meet the evolving needs of society.
- **Leadership and Social Responsibility:** Graduates will become effective leaders and collaborators, capable of driving innovation, solving complex engineering problems, managing projects responsibly, and contributing positively to societal betterment.

B.E - Computer Science and Engineering

PROGRAMME SPECIFIC OUTCOMES (PSO)

- Graduates will be able to design, develop, and manage computer systems and provide software solutions using contemporary tools and methodologies, ensuring efficiency, scalability, security, and ethical integrity.
- Graduates will possess the skills to apply data analytics, machine learning, and artificial intelligence techniques to derive insights and solve complex problems, as well as to identify, analyze, and mitigate security threats to computer systems and networks, ensuring the protection of information.



PROGRAM OUTCOMES (PO)

- **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 teamwork:** 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 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 lifelong learning in the broadest context of technological change.

*B. Tech - Artificial Intelligence
and Data Science*

PROGRAMME EDUCATIONAL OBJECTIVES (PEO)

Artificial Intelligence and Data Science program will prepare its graduates:

- 1. Technical Proficiency and Problem-Solving:** Graduates will demonstrate technical competence in artificial intelligence and data science, utilizing advanced algorithms and analytical techniques to solve complex problems, and contribute effectively to industry, academia, and entrepreneurship at both national and global levels.
- 2. Continuous Learning and Innovation:** Graduates will engage in lifelong learning and professional development, continually enhancing their skills in AI and data science to develop impactful solutions that address the evolving needs of society.
- 3. Leadership and Ethical Practice:** Graduates will develop strong leadership and collaboration skills to drive innovation in AI and data science, ensuring their contributions positively impact society and the environment.

PROGRAMME SPECIFIC OUTCOMES (PSO)

- Leveraging engineering principles to develop AI- based models that address real-world problems in diverse fields, providing innovative solutions.
- Use learning models and algorithms to analyze data and make advanced business decisions, driving progress in Data Science.



PROGRAMME EDUCATIONAL OBJECTIVES (PEO)

Computer Science and Engineering program will prepare its learners:

- To understand the foundational and advanced concepts in Computer Science and Engineering to excel in research by adapting to the rapid advances in new emerging technologies.
- To critically analyze the emerging trends and technologies and future issues at multiple levels and propose research oriented solutions.
- To effectively communicate technical information, function effectively on teams
- To provide innovative solutions to real-world problems of society by following ethical practices
- To pursue lifelong multidisciplinary learning as professional engineers and scientists

PROGRAMME SPECIFIC OUTCOMES (PSO)

- Graduates will gain advance-level competency and skills in core and emerging technologies of Computer Science and Engineering.
- Graduates will develop viable solutions to real-world problems through continuous learning and research skills

*M.E - Computer Science and Engineering***PROGRAM OUTCOMES (PO)**

- An ability to independently carry out research / investigations, identify problems and develop solutions to solve practical problems.
- An ability to write and present a substantial technical report document.
- Students should be able to demonstrate a degree of mastery in the field of Computer Science and Engineering
- Use research based knowledge, methods, appropriate techniques, resources and tools to solve complex engineering issues with an understanding of the limitations.
- An ability to function effectively by applying technical knowledge, ethical practices as an individual and a team member in the career.
- Recognize the need for independent, life-long learning and engage in the broadest context of technological change.

MESSAGE FROM HOD - Dr.R.ANITHA Prof. & HoD/CSE



I would like to express my sincere appreciation for all the tremendous efforts put forth by the newsletter team in the month of October 2024. This Newsletter 'CSE - BYTES' is a forum to expose the events, happenings, and achievements in the department as well as provide a platform to exhibit the talents of the budding engineers and the faculty as well. This newsletter will definitely create an impact in the minds of readers by providing a wider visibility and new dimension to the learning community. I hope that this culture of releasing newsletter will continue forever with the support from both the students and the faculty.

OCTOBER 2024

PLACEMENT ACTIVITIES

DEPARTMENT OF
COMPUTER SCIENCE AND
ENGINEERING

PLACEMENT ACTIVITIES

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Placement Report –October 2024

The Training and Placement Cell (TPC) plays a vital role in the career development of students in educational institutions. It serves as a bridge between the students and the industries, facilitating the recruitment process and helping students acquire the necessary skills and knowledge to succeed in their careers. The Department of Computer Science and Engineering and Training & Placements conducted Core Training and Technical Training programs and Communication to all students to develop their technical knowledge and soft skills in the areas of Aptitude, Logical Reasoning, Quantitative Reasoning and Verbal through the qualified and reputed faculty members. Training and Placement Cell organized campus drive for Final year students from different companies.

G- Cell (Global Education Cell)

The Global Education Cell at plays a vital role in guiding and supporting students towards their academic and career aspirations. Committed to excellence, the cell provides personalized counseling and advice to students seeking higher education opportunities. Through regular seminars, workshops, and interactive sessions,

students gain insights into various fields of study and the latest trends in the job market. The cell also facilitates connections with reputed universities and industries, promoting internships, research collaborations, and placements. With a dedicated team of experienced faculty and professionals, the Global Education Cell empowers students to make informed decisions and pursue their dreams of a successful and fulfilling future.

On October 4, 2024, Kaar tech private limited recruitment was held in the placement cell. Followed by preplacement talk students had a online test comprising aptitude, problem-solving, and coding rounds. This provided students with an opportunity to showcase their skills and competencies in various technical and analytical domains.



Snapshots from the session

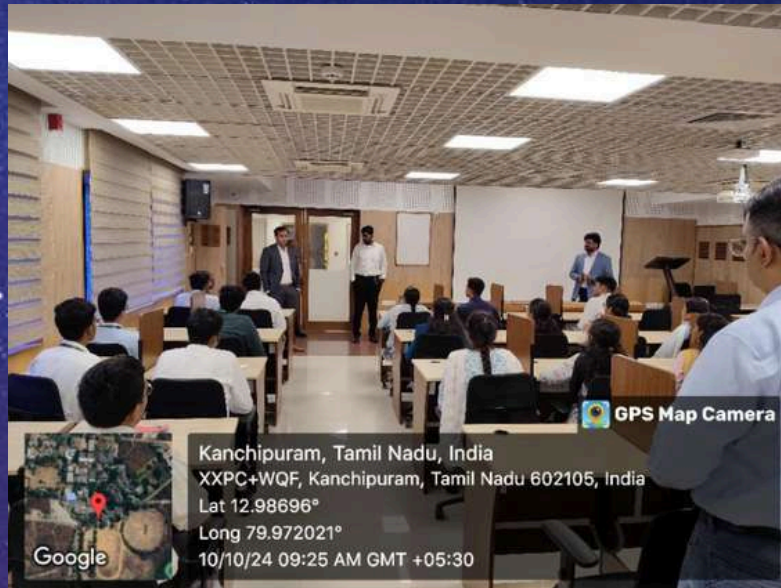


Snapshots from the session

On October 4, 2024, Gen-Digital recruitment for final year students. The assessment aimed to evaluate student proficiency in essential technical areas crucial for their future careers. Topics covered included Arrays, Strings, and Pointers in C, Basics of DBMS, and Basics of DSA. The assessment comprised MCQ questions spanning these topics, alongside programming tasks of varying difficulty levels.

On October 5,6,19,20 2024, Spring Board monthly assessment was held for the final year students. The topics covered in the test were Arrays and Pointers in C, Strings, Operators, Loops Conditions in C. The test format included multiple-choice questions (MCQs) and 2 programming questions. The aim of the test was to evaluate students understanding of these fundamental concepts in programming.

On October 10, 2024, McKinsey pre placement talk and LTI HR round was held for the final year students. The assessment aimed to evaluate students' critical thinking abilities, problem-solving skills, and proficiency in coding.



Snapshots from the session

On October 23, 2024, Galvanize Global Education addressed the Pre-final year students regarding higher studies. The program offered an exclusive opportunity for Final & Pre-final Year Students to explore study opportunities in New South Wales, Australia and get to know about top universities, discover programs, scholarships, and get insights into a bright future in various countries.



Snapshots from the session



INTERNSHIPS OFFERED

SNO	NAME OF STUDENT	COMPANY
1	Kavitha	Ninja Kart
2	Madhumathi	1Cloud

STUDENTS PLACED

SNO	NAME OF COMPANY	DETAILS
1	ACCENTURE	CSE - 27 AI DS - 4
2	CROSSBOW	GOKUL KANNAPAN

STUDENTS ACHIEVEMENT

OCTOBER 2024

- Mr. Sudarshan NS, III/CS, secured third place in VizFest organized by SVCE-ACM Student Chapter on 11th and 12th October 2024.



Certificate of merit

- **Mr. Sudarshan NS, III/CS**, participated in the UNiCode Challenge in Kaggle organized by the Forum of Data Science Engineers (FODSE), SVCE from 24th October 2024 to 25 October 2024.
- **Mr. Sudarshan NS, III/CS**, has successfully completed a Web Development Course conducted by CoderOne during 10th Sept to 10th Oct 2024.

- **Ms. Srinithi B, III/CS** has presented a paper titled “Sign Language & Gesture Recognition System for Individuals with Hearing and Speech Impairment” and received best paper award in the Kridayanthrik’24 - A National Level Technical Symposium organized by Department of Mechanical Engineering, Rajalakshmi Engineering College, Chennai on 28th October 2024.



Certificate of merit

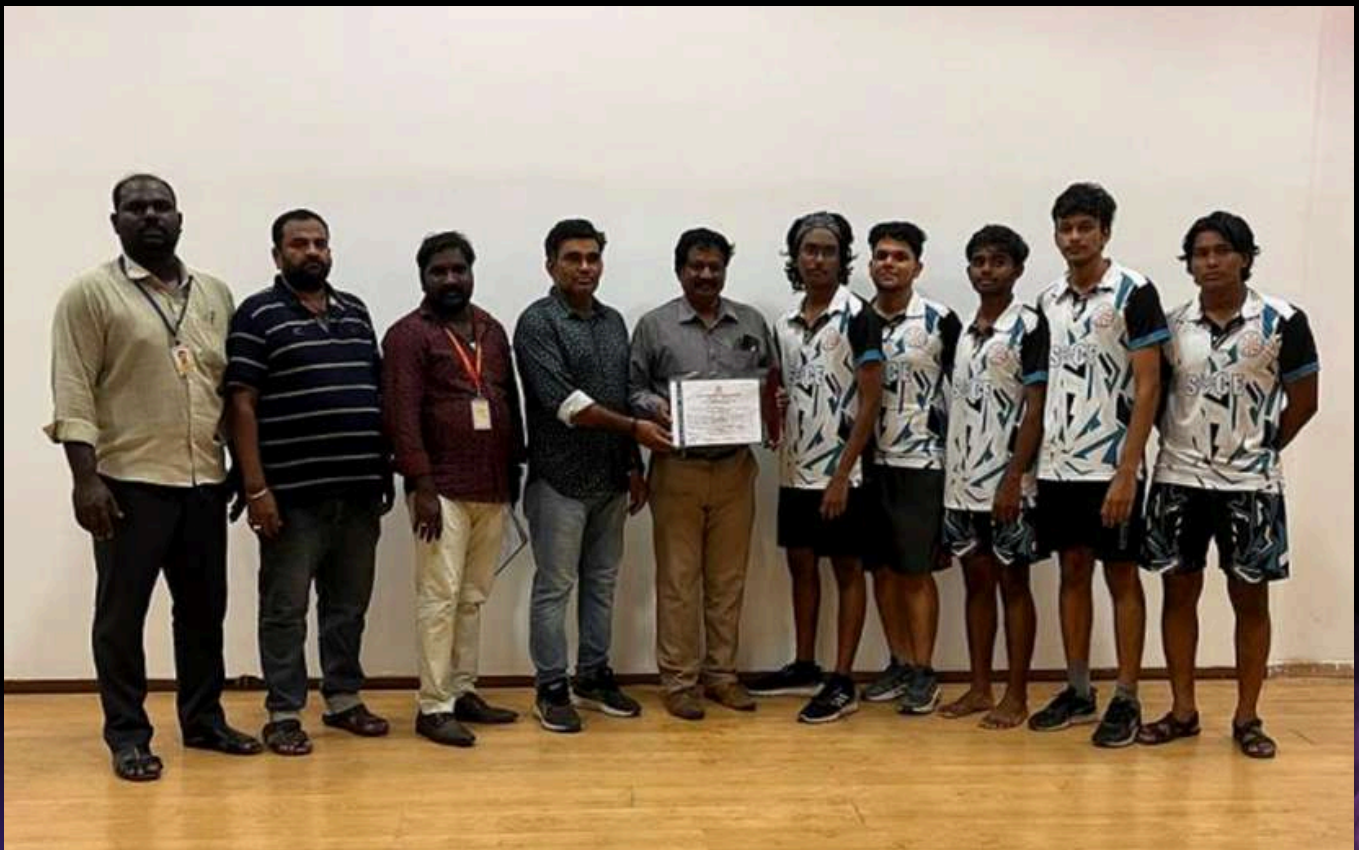
- **Ms. S. Sharmile, II/CSE** attended a 10 day workshop series on "From Scratch to development Hands on model building with Keras" organized by Department of CSE, SVCE from October 14, 2024 to October 25, 2024.
- Ms. S. Sharmile, II/CSE hosted the Google Developer Groups Chennai's DevFest organized at IITM Research Park, Chennai on October 5, 2024.

- **Mr. M. Shashank II/CSE, Mr. Sunil Sukumaran II/CSE, Ms. M. Varshitha II/CSE** have won first place and bagged prize money of Rs.3000/- in the Business Reboot event organised by IEEE SVCE student branch on 17/10/2024.



Snapshot of the prize winners

- **Mr. BM. Girishkumar, IV/CSE, Mr. H. Chaitanya II/CSE, Mr. BK. Dhanush III/INT, Mr. S. Puneeth Vignesh II/AUTO, Mr. S. Gnanashekar, II/CHEM, secured the Runner up position at Anna University Zonal Tournaments 2024-25 MENS Table Tennis at Apollo Engineering College on 19th October 2024.**



Snapshot of the prize winners

Certificate of merit

**ANNA UNIVERSITY SPORTS BOARD
CHENNAI - 600 025
ZONAL TOURNAMENTS 2024 - 2025
CERTIFICATE OF MERIT**

This is to certify that PUNEETH VIJANESH S son of _____
 Register no. 2127230101010 Year II
 Branch _____ Zone II
 College SRI VENKATESWARA COLLEGE OF ENGINEERING
 was a member of TABLE TENNIS (MEN)
 secured First / Second / Third Position in the Anna University Zonal Tournaments 2024 - 2025 held at APOLLO ENGINEERING COLLEGE
 from 19/10/2024 to 19/10/2024
 Event _____ Classification _____

R. Mathiyas Local Sports Secretary *[Signature]* Local Sports Coordinator *S. S. S.* Zonal Sports Secretary *V. V.* Zonal Sports Coordinator

**ANNA UNIVERSITY SPORTS BOARD
CHENNAI - 600 025
ZONAL TOURNAMENTS 2024 - 2025
CERTIFICATE OF MERIT**

This is to certify that GNANASHEKAR S son / daughter of _____
 Register no. 2127230301010 Year II
 Branch _____ Zone II
 College SRI VENKATESWARA COLLEGE OF ENGINEERING
 was a member of TABLE TENNIS (MEN)
 secured First / Second / Third Position in the Anna University Zonal Tournaments 2024 - 2025 held at APOLLO ENGINEERING COLLEGE
 from 19/10/2024 to 19/10/2024
 Event _____ Classification _____

R. Mathiyas Local Sports Secretary *[Signature]* Local Sports Coordinator *S. S. S.* Zonal Sports Secretary *V. V.* Zonal Sports Coordinator

**ANNA UNIVERSITY SPORTS BOARD
CHENNAI - 600 025
ZONAL TOURNAMENTS 2024 - 2025
CERTIFICATE OF MERIT**

This is to certify that GIRISH KUMAR BM son of _____
 Register no. 2127210501043 Year IV
 Branch _____ Zone II
 College SRI VENKATESWARA COLLEGE OF ENGINEERING
 was a member of TABLE TENNIS (MEN)
 secured First / Second / Third Position in the Anna University Zonal Tournaments 2024 - 2025 held at APOLLO ENGINEERING COLLEGE
 from 19/10/2024 to 19/10/2024
 Event _____ Classification _____

R. Mathiyas Local Sports Secretary *[Signature]* Local Sports Coordinator *S. S. S.* Zonal Sports Secretary *V. V.* Zonal Sports Coordinator

**ANNA UNIVERSITY SPORTS BOARD
CHENNAI - 600 025
ZONAL TOURNAMENTS 2024 - 2025
CERTIFICATE OF MERIT**

This is to certify that DHANUSH BK son / daughter of _____
 Register no. 2127220801021 Year II
 Branch _____ Zone II
 College SRI VENKATESWARA COLLEGE OF ENGINEERING
 was a member of TABLE TENNIS (MEN)
 secured First / Second / Third Position in the Anna University Zonal Tournaments 2024 - 2025 held at APOLLO ENGINEERING COLLEGE
 from 19/10/2024 to 19/10/2024
 Event _____ Classification _____

R. Mathiyas Local Sports Secretary *[Signature]* Local Sports Coordinator *S. S. S.* Zonal Sports Secretary *V. V.* Zonal Sports Coordinator

**ANNA UNIVERSITY SPORTS BOARD
CHENNAI - 600 025
ZONAL TOURNAMENTS 2024 - 2025
CERTIFICATE OF MERIT**

This is to certify that CHAITANYA H son of _____
 Register no. 212730501026 Year II
 Branch _____ Zone II
 College SRI VENKATESWARA COLLEGE OF ENGINEERING
 was a member of TABLE TENNIS (MEN) team
 secured First / Second / Third Position in the Anna University Zonal Tournaments 2024 - 2025 held at APOLLO ENGINEERING COLLEGE
 from 19/10/2024 to 19/10/2024
 Event _____ Classification _____

R. Mathiyas Local Sports Secretary *[Signature]* Local Sports Coordinator *S. S. S.* Zonal Sports Secretary *V. V.* Zonal Sports Coordinator



- **Mr. S. Harish II/AD and Mr. K Hariharan II/AD** secured the first prize in the "Logic Break" event at KRATOS24, a National Level Technical Symposium held by Easwari Engineering College, Chennai, on October 26, 2024.
- **Mr. Alagu Manikandan II/AD and Ms. Angeline Jenisha II/AD** won the first prize in the "Bid for Code Wars" event at the KRATOS24 a National Level Technical symposium, conducted by SRM Easwari Engineering College, Chennai on 26 October 2024 (Ms. Khanagavalle)
- **Mr. VR Krishna Venkat II/AD, Ms. B.S. Sruthika II/CSE, Ms. N. Shree Kheerthi Agrathaa II/CSE,** Music Club students attended the World Standards Day event at Kalaivanar Arangam on 14/10/24

- **Mr. S Rishivel II/AD** has developed a highly informative and well-designed website called *Innovate & Explore*. This platform provides valuable resources, showcasing the student's technical expertise, innovation, and commitment to enhancing communication and learning within our academic community.

- **Mr. RS Dhayanidhi IV/CSE, Mr. G Abineshwar, IV/CSE, Mr. G Aravindhana III/CSE** have won the 3rd place in the prestigious Anna University Interzone Chess Tournament held on 22nd and 23rd October 2024 at National Engineering College, Kovilpatti.



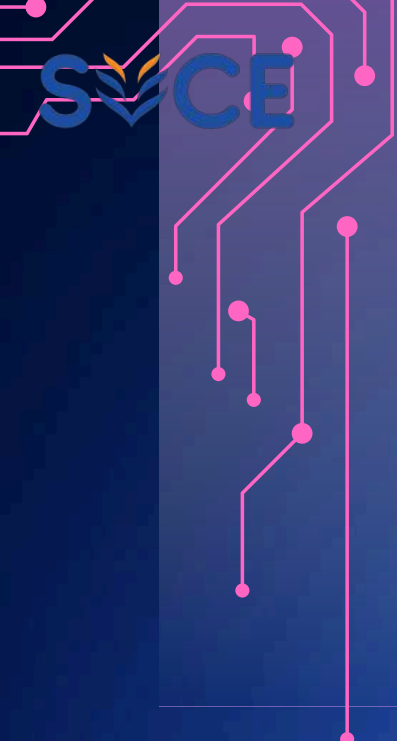
Snapshot of the prize winners

- **Mr. RK Gaurav Kumar I/CSE** has successfully completed the course on “Generative AI for Beginners” Certified by Great Learning during October 2024.
- **Mr. S. Rethinagiri I/CSE** has successfully completed the course on “DDoS Defense_Safeguarding Network from Attacks” Certified by Novitech R&D Private limited on 5th October 2024.
- **Mr. S. Rethinagiri I/CSE** has successfully completed the course on HP LIFE online course Introduction to Cybersecurity Awareness on 20th October 2024

- **Mr. S. Rethinagiri I/CSE** has successfully completed the course on C-For Beginners certified by Great Learning during October 2024
- **Ms. Sahana IV/CSE**, has won runner up position at Anna University Zonal Tournament.



Snapshot of the prize winner



FACULTY ACHIEVEMENTS

OCTOBER
2024



- Ms. S. Jayalakshmi, AP/CSE, Ms. P. Archana, AP/CSE, Ms. J. Lavanya, AP/CSE, Ms. H. Rajyashree, AP/CSE, Ms. S. Shamili @Shanmugapriya, AP/CSE, organized 5 days Online Faculty Development Program on “Cloud Computing Tools”, Department of Computer Science and Engineering, Sri Venkateswara College of Engineering, Pennalur, Sriperumbudur from 15-10-2024 to 19-10-2024.



The brochure features the SVCE logo and Sri Venkateswara College of Engineering name at the top. It includes accreditation logos for ISO 21001:2018 and NABCB QM 006. The main title is 'Faculty Development Program on Cloud Computing Tools'. Below the title is an image of a cloud computing setup with a laptop, server, and cloud icons. The dates are 15-OCT-2024 TO 19-OCT-2024, and the time is 6.00 pm to 7.00 pm. The last date for registration is 12-OCT-2024. E-certificates will be provided. The registration link is https://forms.gle/dXYG3Cipz3k1VY9eA. The convener is Dr.R.Anitha, Professor, HOD/CSE. The co-ordinators are S.Jayalakshmi, P.Archana, J.Lavanya, H.Rajyashree, and S.Shamili @Shanmugapriya, all Asst. Prof.

Department of Computer Science and Engineering
Organizes
**Faculty Development Program
on
Cloud Computing Tools**

15-OCT-2024 TO 19-OCT-2024 **6.00 pm to 7.00 pm**
Last Date for Registration : 12- OCT - 2024
E-certificates will be provided
Register Here : <https://forms.gle/dXYG3Cipz3k1VY9eA>

CONVENER **CO-ORDINATORS**

Dr.R.Anitha,
Professor,
HOD/CSE

S.Jayalakshmi,Asst. Prof.
P.Archana, Asst. Prof.
J.Lavanya,Asst. Prof.
H.Rajyashree,Asst. Prof.
S.Shamili @Shanmugapriya,Asst. Prof.

- Dr. V. Rajalakshmi, Asso. Prof/CSE, Ms. G. R. Khanagavalle, AP/CSE, Ms. S. Keerthana, AP/CSE, organized 10 day Online workshop on "From Scratch to Deployment: Hands-On Model Building with Keras and TensorFlow", Department of Computer Science and Engineering, Sri Venkateswara College of Engineering, Pennalur, Sriperumbudur, from 14-10-2024 to 25-10-2024.

ABOUT THE PROGRAMME

The objective of this programme is to provide students and faculty members an exposure towards the advancements in neural networks, a structured series, progressing from foundational concepts to advanced topics, while keeping the focus on hands-on learning. The programme focuses on helping the participants gain knowledge on neural network architectures and hands-on model building with Keras and TensorFlow.

TOPICS COVERED

- Introduction to Neural Networks
- Activation Functions and Architecture
- Backpropagation and Gradient Descent
- Hands-On with TensorFlow and Keras
- Regularization Techniques
- Convolutional Neural Networks (CNNs)
- Recurrent Neural Networks (RNNs) and LSTMs
- Transfer Learning and Pre-trained Models
- Advanced Topics (GAN, Autoencoder)
- Model Tuning and Hyperparameter Optimization

REGISTER HERE

<https://forms.gle/XNmjTsGNK07LeU197>

Or



RESOURCE PERSONS



Dr. A. Kala
Associate Professor/IT
Sri Venkateswara College of Engineering



Dr. P. Sharon Femi
Associate Professor/IT
Sri Venkateswara College of Engineering



Dr. V. Rajalakshmi
Associate Professor/CSE
Sri Venkateswara College of Engineering



Ms. G.R. Khanagavalle
Assistant Professor/CSE
Sri Venkateswara College of Engineering



Ms. S. Keerthana
Assistant Professor/CSE
Sri Venkateswara College of Engineering



Dr. A. Shobana Devi
Associate Professor/DSBS
SRM Institute of Science & Technology, Kattankulathur.



Dr. G. Anitha
Assistant Professor/CSE
Amrita Vishwa Vidyapeetham, Chennai Campus.



Ms. Pavitra Mohandas
Software Engineer III, Walmart Inc.
Bentonville, USA.



Dr. J. Bhuvana
Associate Professor/CSE
Sri Sivasubramaniya Nadar (SSN) College of Engineering,
Chennai.



Dr. S. Lakshmi Priya
Assistant Professor/CSE
Sri Sivasubramaniya Nadar (SSN) College of Engineering,
Chennai.



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING ORGANISES

TEN DAY WORKSHOP SERIES ON

"From Scratch to Deployment: Hands-On Model Building with Keras and TensorFlow"

📅 Oct 14 - Oct 25, 2024

🕒 TIME - 19:00 to 20:00 IST 🌐 Online



CHIEF PATRON
Dr. M. Sivanandham
Secretary,
Sri Venkateswara Educational and Health Trust



PATRON
Dr. S. Ganesh Vaidyanathan
Principal,
Sri Venkateswara College of Engineering



COORDINATOR
Dr. R. Anitha
Professor & HOD,
Computer Science and Engineering

FACULTY COORDINATORS

Dr. V. Rajalakshmi, ASP/ CSE
Ms. G.R. Khanagavalle, AP/ CSE
Ms. S. Keerthana, AP/ CSE

STUDENT COORDINATORS

Abhinav Krishna MA, AD - IV Year
Gokul S, AD - IV Year

EVENTS ORGANIZED

Mr. G Ilamurugan AP/CSE and Ms. J. Lavanya AP/CSE, organized a Technical talk on MICROSOFT DYNAMICS 365 for CSE & ADS students on 26th October 2024 from 6.00 pm to 7.00 pm



SRI VENKATESWARA COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE and ENGINEERING

Microsoft Dynamics® 365

ORGANIZED BY
INDUSTRY INSTITUTE INTERACTION CELL
OF
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



**TECHNICAL TALK
ON
MICROSOFT DYNAMIC 365**

RESOURCE PERSON
**JAVAGAL SRINATH
NARAYANAN**
Chief Executive Officer
at
Sharpsys Software
Solutions

SATURDAY
26 OCTOBER 2024

6:00 PM-7:00PM

GMeeet Link: <https://meet.google.com/vdg-wibv-dfm>

CONVENOR
Dr.R.Anitha, Prof and HOD / CSE

COORDINATORS
Mr.G.Ilamurugan, AP / CSE
Ms.J.Lavanya, AP / CSE

EVENT BROCHURE

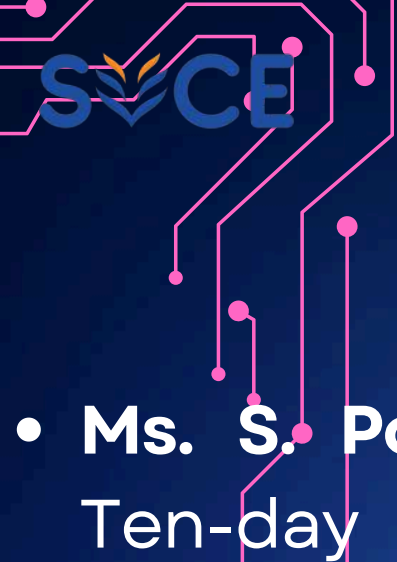
- **Dr. R. Anitha, Prof. HOD/CSE**, attended the Ten day FDTP on From Scratch to Deployment: Hands On model with Keras and TensorFlow by the Department of Computer Science and Engineering, SVCE from 14.10.2024 to 25.10.2024
- **Dr. R. Anitha, Prof. HOD/CSE**, received a certificate for participating in the Niral Thiruvizha 2024 under Naan Mudhalvan scheme.



Certificate of merit

- **Mr. Neeraj Singh Amarnath**, 11th (Junior) Grade, Rock Hill High School, Prosper ISD, Frisco, United States and **Dr. N. Rajganesh, Prof/CSE**, have presented their research paper titled "An Intelligent Retrieval Augmented Generation Chatbot for Contextually-Aware Conversations To Guide High School Students" at the 4th International Conference on Sustainable Expert Systems on 15-17, October 2024 organized by Pokhara University, Nepal.
- **Dr. S. Rajalakshmi, Assoc. Prof/CSE**, attended Ten-day Workshop series on "From Scratch to Deployment: Hands-On Model Building with Keras and TensorFlow" between 14/10/2024 and 25/10/2024, organised by the Department of Computer Science and Engineering, Sri Venkateswara College of Engineering, Chennai, Tamil Nadu.

- **Dr. S. Senthamizh Selvi Assoc. Prof./CSE**, has participated in the Professional Development Programme on “Outcome based Learning and Teaching” conducted by the National Institute of Technical Teachers Training and Research, Chennai from 21/10/2024 to 25/10/2024.
- **Dr. S. Senthamizh Selvi Assoc. Prof./CSE** has attended the Five days Online Faculty Development Program on “Cloud Computing Tools” organized by Department of Computer Science and Engineering, Sri Venkateswara College of Engineering from 15/10/24 to 19/10/24.
- **Dr. S. Poorani AP/CSE**, participated in Five days Online Faculty Development Program on “Cloud Computing Tools” organized by Department of Computer Science and Engineering, Sri Venkateswara College of Engineering, Chennai from 15-10-2024 to 19-10-2024.



- **Ms. S. Poorani AP/CSE**, participated in Ten-day Workshop series on "From Scratch to Deployment: Hands-On Model Building with Keras and TensorFlow" organized by the Department of Computer Science and Engineering, Sri Venkateswara College of Engineering, Chennai, from 14/10/2024 and 25/10/2024.

- **Ms. R. Iyswarya AP/CSE** has successfully participated in the Ten Days workshop series on “From Scratch to deployment: Hands-On Model Building with Keras and TensorFlow” organized by Department of Computer Science and engineering, SVCE, during 14 - 25th October, 2024.
- **Ms. Iyswarya R AP/CSE**, has attended the Five days Online Faculty Development Program on “CLOUD COMPUTING TOOLS” organized by Department of Computer Science and Engineering, Sri Venkateswara College of Engineering, Pennalur, Sriperumbudur from 15-10-2024 to 19-10-2024.

- **Mr. P. Selvamani AP/CSE**, participated in Five days Online Faculty Development Program on “Cloud Computing Tools” organized by Department of Computer Science and Engineering, Sri Venkateswara College of Engineering, Chennai from 15-10-2024 to 19-10-2024.
- **Mr P. Selvamani AP/CSE**, participated in the Five days National Online FDP on "Current Trends in IT Industry" from 21/10/2024 to 25/10/2024 organized by the Department of Information Technology, Sri Venkateswara College of Engineering, Sriperumbudur.



- **Mr. P. Selvamani AP/CSE** has successfully participated in the Ten Days workshop series on “From Scratch to deployment: Hands-On Model Building with Keras and TensorFlow” organized by Department of Computer Science and engineering, SVCE, during 14 - 25th October, 2024.
- **Ms. V. Radha AP/CSE** has successfully participated in the Ten Days workshop series on “From Scratch to deployment: Hands-On Model Building with Keras and TensorFlow” organized by Department of Computer Science and engineering, SVCE, during 14 - 25th October, 2024.



- **Ms. Rupa Kesavan, AP/CSE** has completed 10 days Hands-on Workshop on “From Scratch to deployment: Hands-On Model Building with Keras and Tensor Flow” from 14th -25th October 2024.
- **Ms. Rupa Kesavan, AP/CSE** has completed 5 days FDP on “Cloud Computing Tools” from 15th -19th October 2024.
- **Ms. Rupa Kesavan, AP/CSE,** is recognized for Atal Innovation Mission-Mentorship and received Certificate of Appreciation for the Valuable Mentorship of ATL-Tinkerpreneurship 2024.

- **Ms. R K Kapila Vani, AP/CSE** participated in the Five days National Online FDP on "Current Trends in IT Industry" from 21/10/2024 to 25/10/2024 organized by the Department of Information Technology, Sri Venkateswara College of Engineering, Sriperumbudur
- **Ms. T. Padmavathy AP/CSE** participated in the Ten-day Workshop series on "From Scratch to Deployment: Hands-On Model Building with Keras and TensorFlow" between 14/10/2024 and 25/10/2024, organized by the Department of Computer Science and Engineering, Sri Venkateswara College of Engineering, Chennai, Tamil Nadu.

- **Ms. T. Padmavathy AP/CSE** attended 5 days Online Faculty Development Program on “Cloud Computing Tools” organized by the Department of Computer Science and Engineering, Sri Venkateswara College of Engineering, Pennalur, Sriperumbudur from 15-10-2024 to 19-10-2024.
- **Ms. S. Janani AP/CSE** participated in the Ten-day Workshop series on "From Scratch to Deployment: Hands-On Model Building with Keras and TensorFlow" between 14/10/2024 and 25/10/2024, organized by the Department of Computer Science and Engineering, Sri Venkateswara College of Engineering, Chennai, Tamil Nadu.

- **Ms. T. Janani AP/CSE** attended 5 days Online Faculty Development Program on “Cloud Computing Tools” organized by the Department of Computer Science and Engineering, Sri Venkateswara College of Engineering, Pennalur, Sriperumbudur from 15-10-2024 to 19-10-2024.
- **Ms. R. Poorni, AP/CSE** attended 5 days Online Faculty Development Program on “Cloud Computing Tools” organized by the Department of Computer Science and Engineering, Sri Venkateswara College of Engineering, Pennalur, Sriperumbudur from 15-10-2024 to 19-10-2024.
- **Ms. R. Poorni, AP/CSE** attended 10 Day Neural Network Workshop Series on “From Scratch to Deployment: Hands-on Model Building with Keras and TensorFlow” from 14.10.24 to 25.10.24 at Sri Venkateswara College of Engineering, Sriperumbudur.

- **Ms. Ajoy Sweetlin Jeena, AP/CSE**, has participated in the Ten-day of Workshop series on “From Scratch to Deployment: Hands-On-ModelBuilding with Keras and TensorFlow” organized by the department of Computer Science and Engineering, Sri Venkateswara College of Engineering (SVCE), Sriperumbudur from “14 Oct 2024 - 25 Oct 2024”.
- **Ms. P. Kaviya, AP/CSE**, has participated in the Ten-day of Workshop series on “From Scratch to Deployment: Hands-On-ModelBuilding with Keras and TensorFlow” organized by the department of Computer Science and Engineering, Sri Venkateswara College of Engineering (SVCE), Sriperumbudur from “14 Oct 2024 - 25 Oct 2024”.

- **Mr. S. Ashok Kumar, AP/CSE**, successfully completed an FDP on “Applied AI: Practical Implementations”, conducted by AICTE, Microsoft India & SAP India under TechSaksham Program during the period 14-10-2024 to 18-10-2024.
- **Ms. S. Jayalakshmi AP/CSE** participated in Online workshop on Artificial Intelligence in Educational Context which is a series of 5 sessions held from August 2024 to October 2024.
- Ms. S. Jayalakshmi AP/CSE, completed 3 hours Bootcamp in Artificial Intelligence and Data Science on October 26th 2024 conducted by Novitech R& D Private Ltd.
- Mr. T. Ramalingam AP/CSE, completed the NPTEL course on 'Demystifying Networking' in July-August 2024
- Ms. J. Lavanya, AP/CSE, attended a FDP programme on “Current trends in IT industry” organized by Sri Venkateswara College of Engineering during the period 21-10-2024 to 25-10-2024.

RESEARCH ACTIVITIES

OCTOBER
2024

RESEARCH SUPERVISORS



Dr. R. Anitha, Prof. & HOD – CSE

Area of Interest: Cloud Computing, Data Mining, Large Scale Database, Data Structures and Algorithms & Big Data Analytics.



Dr. N. Rajganesh, Associate
Professor – CSE

Area of Interest: Artificial Intelligence, Machine Learning, Cloud Computing, SOA.



Dr. P. Vinothiyalakshmi,
Associate Professor – CSE

Area of Interest: Cloud Computing, Internet of Things (IoT), Machine Learning, Data Structures, OOPS, Operating System, Computer Networks, Data Mining.

PAPERS PRESENTED

- **Dr. R. Anitha, Prof. HOD/CSE,** Presented a research paper titled: Efficient Chaos based Homomorphic Permutation and SPM-BOW Algorithm for Secure Image Storage and Retrieval in Cloud in the International Conference on Power, Energy, Control and Transmission Systems at Sairam Engineering College, on 8th and 9th, October 2024.



Certificate of merit

PAPERS PRESENTED

- **Dr. S. Senthamizh Selvi Assoc. Prof./CSE**, has successfully presented the paper titled “Interactive Tamil Legal Assistance System” at the 8th International Conference on I-SMAC 2024 held at Purwanchal Campus, Institute of Engineering, Tribhuvan University, Nepal, from 3 to 5 October 2024.
- **Ms. R. Iyswarya AP/CSE**, has presented a paper titled “Efficient Chaos Based Homomorphic Permutation and SPM-BOW Algorithm for Secure Image Storage and Retrieval in Cloud” in the 2024 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS 2024) held on 8th and 9th October, 2024.

REVIEWER

- **Dr. R. Anitha Prof, HOD/CSE**, Acted as a resource person for the Faculty Development Program (FDP) on “Cloud Computing Tools” organized by the Department of Computer Science and Engineering, SVCE from 15.10.2024 to 19.10.2024 .

REVIEWER

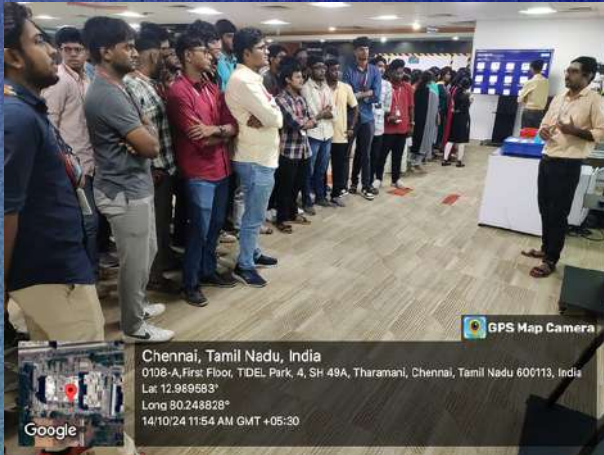
- **Dr. N. Rajganesh, Prof./CSE** has acted as a reviewer in journal Cluster Computing.
- **Dr. N. Rajganesh, Prof./CSE** has acted as a reviewer in journal of Cloud Computing.
- **Dr. N. Rajganesh, Prof./CSE** has acted as a reviewer in journal Cogent Engineering.

Industrial visit

OCTOBER 2024



- Department of CSE organized an industrial visit for the Students of CS-III Year- A , AD-III-Year- A & B Section underwent a one day Industrial Visit to TANSAM- TIDEL PARK- Tharamani, Chennai-113 on 14-10-2024,17-10-2024 & 18-10-2024.



Industrial visit Photos



ALUMNI CONNECT

OCTOBER 2024



On October 19, 2024, over 60 participants attended a one-day workshop on “Improving Workplace Efficiency: Practical Approach Through Visual Management and Continuous Improvement.” organized by the Internal Quality Assurance Cell (IQAC) at Sri Venkateswara College of Engineering Automobile Engineering, SVCE

Our college alumni Saw Ganesan (AUT 2002-2006) delivered this engaging workshop. The participants expressed positive feedback as the workshop included a mix of presentations, interactive exercises, and Laboratory visits.

It’s always inspiring to see how our alumni continue to contribute to our community. We look forward to more collaborations!

Thanks to Dr S. Gopinath, Professor & Dean (IQAC), Dr J. Venkatesan, Professor & Head (AUT), Dr V. Ganesh (Associate Professor, AUT) and Mr R. Sakthivel (Assistant Professor, AUT) for organizing this event.



Snapshots from the session



SVCE | Sri Venkateswara
College of
Engineering



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ALUMNI ASSOCIATION

PRESENTS

A GUEST LECTURE ON

Computer Vision and Face Recognition

by



Mr. ELANGO MEENAKSHISUNDARAM

CO-FOUNDER & CTO AT FACETAGR

1993-1997 Batch, ECE



**OCTOBER 18,
2024**



**TIME
1.30 - 3.00 PM**



**VENUE
FUNCTION HALL**

FACULTY COORDINATOR

Dr.D.Menaka, Associate Professor

Ms.S.Kalyani, Assistant Professor

"Connecting students with industry insights!"

The Alumni Association of SVCE organises various offline and online programs, led by alumni experts across diverse industries, to provide students with in-depth knowledge of current market trends and job opportunities.

Recently, Mr Elango Meenakshi Sundaram (Co-founder and CTO of Facetagr) from the '97 ECE batch delivered a guest lecture on Computer Vision and Face Recognition at our college.

These sessions are invaluable in bridging academic learning with real-world application, preparing students to thrive in today's fast-paced tech landscape.



Snapshots from the session

Ms Vidya Narayanan (Member of Technical Staff, Salesforce.com) from the '07 IT batch, conducted an online ProConnect session covering emerging technologies and AI research areas.



PROCONNECT #24

Session on “Emerging Technologies and Research areas in AI”

25 OCTOBER 2024, FRIDAY

07.00PM-08.00PM IST

<https://bit.ly/aasvceproconnect24>

JOIN US



VIDYA PRIYADHARSHINI.N
Member of Technical Staff,
Salesforce.com
IT'07

FOLLOW US

<https://www.linkedin.com/company/aasvce/>
www.svcealumni.org



Mr Sidharth Sivasailam (Head of Product Strategy & Management [Corporate Incubation], TCS) delivered a guest lecture as a part of the "Pro-Connect" series on "Gearing up and navigating the complexities of an AI-driven future" today (04/11/2024) at our college.

PROCONNECT #25

In-Person Alumni Session
for the Students



04/11/2024

10 AM - 12 PM



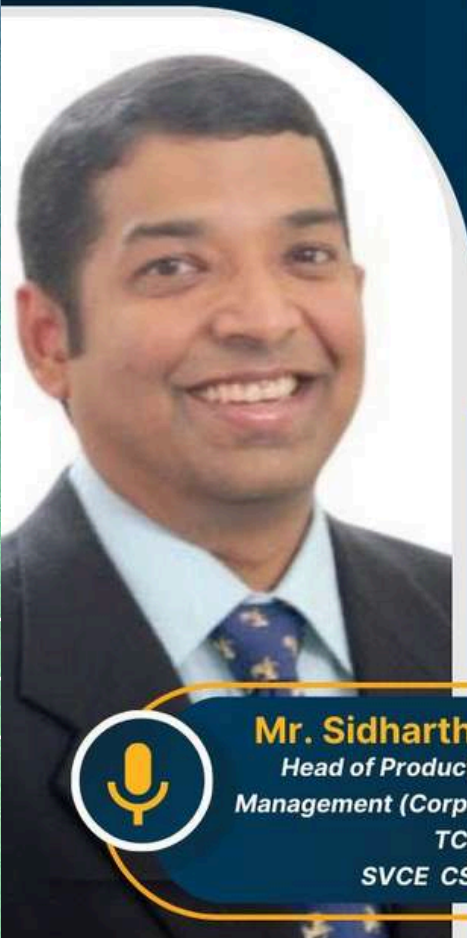
“Gearing up and Navigating the complexities of an AI-driven future”

○○○○

As part of this talk speaker will introduce the students to AI, its broad scope and impact, and how one can prepare for a future which is going to be influenced significantly by AI.



FUNCTION HALL, SVCE COLLEGE
CHENNAI



Mr. Sidharth Sivasailam

Head of Product Strategy and
Management (Corporate Incubation),

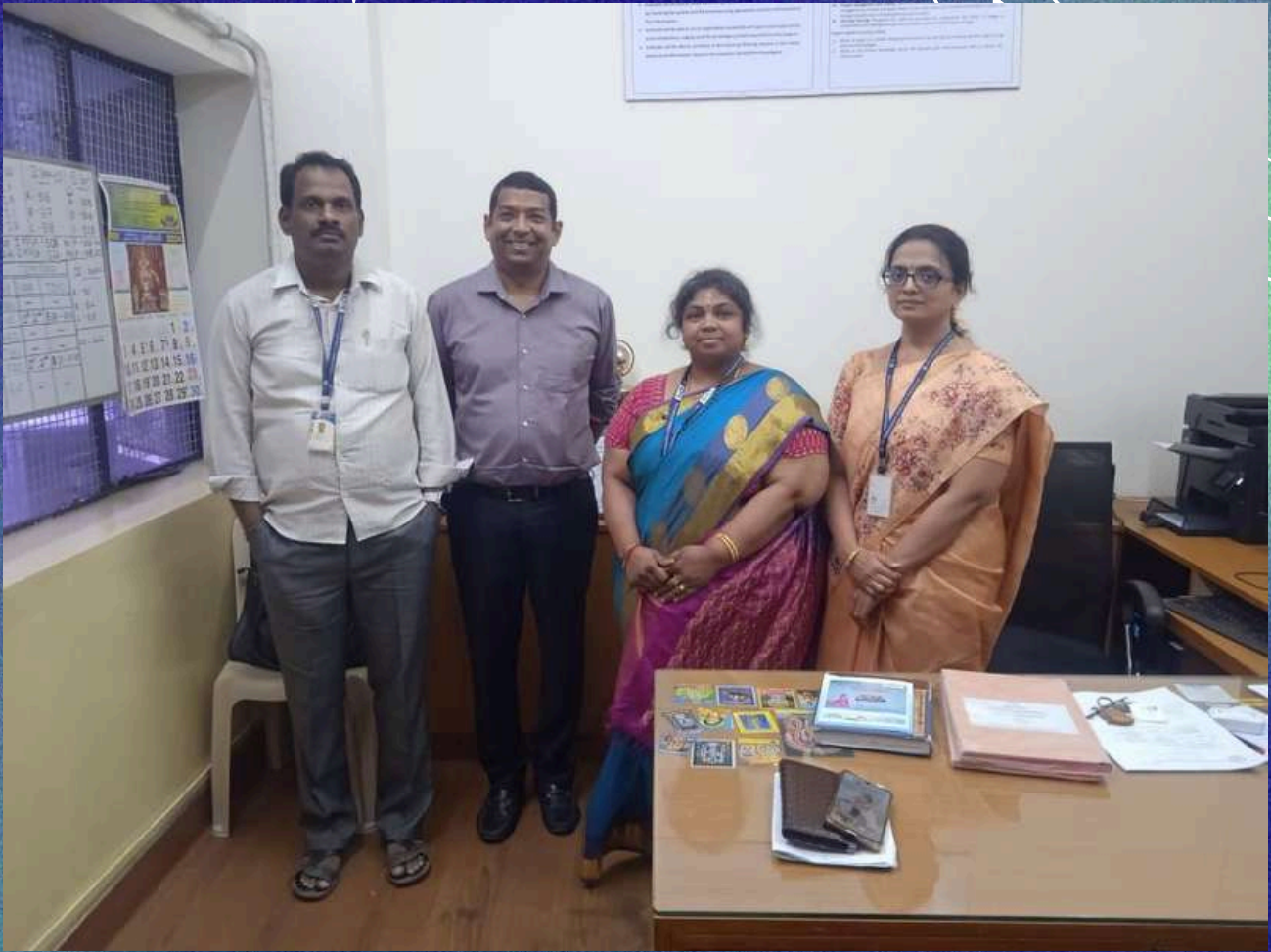
TCS

SVCE CS 97-'01

Visit Our Website

www.svcealumni.org





Snapshots from the session



Snapshots from the session



**DEPARTMENT
OF
COMPUTER SCIENCE AND ENGINEERING**

**CSE BYTES
EDITORIAL TEAM**

**Dr. S. D. NANDAKUMAR, AP/ CSE
Ms. R. POORNI, AP / CSE
Ms. P. KAVIYA, AP/CSE
Ms. S. JAYALAKSHMI, AP/CSE**

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**DEPARTMENT
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EDITORIAL TEAM**

Ms. S. N. Madhushree, II/CS

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