



SVCE | Sri Venkateswara
College of
Engineering

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CSE BYTES

Newsletter
March 2024
(Vol 7, Issue 3)



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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 excel in providing education and research in the field of computer science and engineering in the cutting edge technology so as to produce competence professional at global level.

MISSION

- Providing competent and trained faculty members to enrich the aptitude of the student to generate innovative and effective problem solving skills with professionalism.
- Providing strong research and state of the art facility to the students to face dynamic challenges of industry and society.
- Educating the students to be successful, ethical and lifelong learners.

B.E - Computer Science and Engineering

PROGRAMME EDUCATIONAL OBJECTIVES (PEO)

- Create value to organizations as an employee at various levels, by improving the systems and the processes using appropriate methods and tools learnt from the programme.
- Run an organization successfully with good social responsibility as an entrepreneur, making use of the knowledge and skills acquired from the programme.
- Contribute to the future by fostering research in the chosen area as an erudite scholar, based on the motivation derived from the programme.

PROGRAMME SPECIFIC OUTCOMES (PSO)

- Ability to adapt to a rapidly changing environment by learning and employing new programming skills and technologies.
- Ability to use diverse knowledge across the domains with inter-personnel skills to deliver the Industry need.

*B.E - Computer Science and Engineering***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:

- To solve real-world issues by developing intelligent computing systems to meet the emerging technology challenges in the industries.
- To apply professional and interpersonal skills through lifelong learning such as advanced degrees and research.
- To participate in collaborative learning and become successful entrepreneurs by ensuring ethical and moral values.

PROGRAMME SPECIFIC OUTCOMES (PSO)

- Apply the engineering concepts and evolve Artificial Intelligence-based models to solve real-world problems in various domains and deliver solutions with innovative ideas.
- Apply the concepts and algorithms of various learning models for deep analysis of data to provide high-end business decisions for advancement in the data science fields.

*M.E - Computer Science and Engineering***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 (POS)**

- 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
PROFESSOR &
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 March 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.

PLACEMENT ACTIVITIES

ACADEMIC YEAR
2023-2024

Placed Students March 2024

Department of Computer Science and Engineering

Placement Report – MARCH 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 conducts several Technical Training programmes 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 organizes the Mock Interview for Pre Final year students by HR Managers from different industries.

Placed Students March 2024

TECH TALK BY MATHCO (THEMATHCOMPANY)

The Training and Placement Cell organized a technical session conducted by TheMath Company on 01st March 2024. Tech talk delivered an enriching program for students, imparting valuable insights and practical knowledge to bridge the gap between academia and industry. The comprehensive training covered cutting-edge technologies, software development methodologies, and industry trends, preparing students for the challenges of the tech world. Through hands-on projects, students gained real-world experience and honed their problem-solving skills. Moreover, the program focused on fostering effective communication, teamwork, and leadership abilities to enhance students' professional competence.



Placed Students March 2024

EMBEDUR SYSTEMS PVT LTD CAMPUS PLACEMENTS

On March 25, 2024, EmbedUR Systems Pvt Ltd conducted campus placements for third-year CSE & AD students. The event involved an online assessment 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. The assessment aimed to evaluate students' critical thinking abilities, problem-solving skills, and proficiency in coding. Participating students were assessed on their aptitude for software development roles, as well as their ability to tackle real-world challenges through coding exercises. The campus placements offered an excellent platform for students to interact with industry professionals, gain exposure to corporate recruitment processes, and potentially secure job opportunities. Overall, the event facilitated valuable learning experiences and career advancement opportunities for the participating students in the field of computer science and application development.



Placed Students March 2024

CARRIER GUIDANCE

On March 1st, 2024, Dr. Rajasekaran, Associate Professor in the Department of Computer Science and Engineering, conducted a session for third-year students focusing on placement preparation. He emphasized the importance of upgrading skills, resume building, and mastering the interview process. Dr. Rajasekaran provided a step-by-step guide on how to approach each stage of the interview, from initial application to final rounds. He stressed the significance of staying updated with industry trends and technologies relevant to their field. Additionally, he offered practical insights into crafting an impressive resume tailored to highlight individual strengths and experiences. Through this comprehensive session, Dr. Rajasekaran aimed to equip students with the necessary tools and knowledge to succeed in securing promising job opportunities in the competitive job market.



Placed Students March 2024

TECHNICAL SESSION ON INFOSYS SPRINGBOARD

Technical sessions were conducted for the 2025 and 2026 batch students focusing on the features of Infosys Springboard. These sessions aimed to familiarize students with the platform's capabilities and benefits. Key features highlighted included advanced learning modules covering diverse technical domains, personalized learning paths tailored to individual skill levels and interests, hands-on projects for practical experience, and interactive mentorship opportunities with industry experts. Additionally, students were briefed on how Springboard facilitates continuous skill development through curated resources, assessments, and certifications aligned with industry requirements. The sessions emphasized the platform's role in enhancing students' employability and readiness for future roles in the tech industry. By providing insights into the features and functionalities of Infosys Springboard, these sessions aimed to empower students with valuable tools and resources to excel in their careers.



Placed Students March 2024

TECHNICAL ASSESSMENT FOR 2024-25 BATCH (PRE FINAL YEARS)

The Training and Placement Cell organized a technical assessment for the current III-year students (2021-2025 batch) on 17/03/2024, conducted online from 05:30 PM to 08:30 PM. The assessment aimed to evaluate students' 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 30 MCQ questions spanning these topics, alongside programming tasks of varying difficulty levels. Students were allowed to utilize C/C++/Java for programming questions. Success in meeting the cutoff marks, in line with industry standards, would qualify students for upcoming placement drives. This assessment serves as a valuable opportunity to showcase your technical prowess and enhance your employability prospects.

Placed Students March 2024

LTI MINDTREE TECH TALK

On March 21, 2023, LTI Mindtree conducted a technical session providing an overview of Salesforce CRM. This session aimed to familiarize participants with the functionalities and benefits of Salesforce Customer Relationship Management (CRM) software. Attendees gained insights into the various features offered by Salesforce, including lead management, customer support, and marketing automation. The session highlighted how Salesforce CRM enables businesses to streamline their sales processes, enhance customer engagement, and drive revenue growth. Participants learned about the significance of leveraging CRM tools in today's competitive market landscape. Additionally, the session likely included demonstrations or case studies illustrating real-world applications of Salesforce CRM. Overall, the session provided valuable knowledge and insights to attendees, empowering them to better understand and utilize Salesforce CRM to optimize their business operations.



Placed Students March 2024

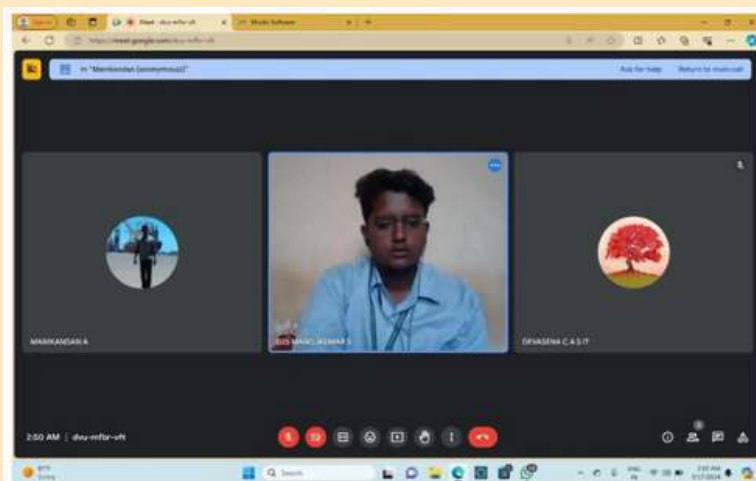
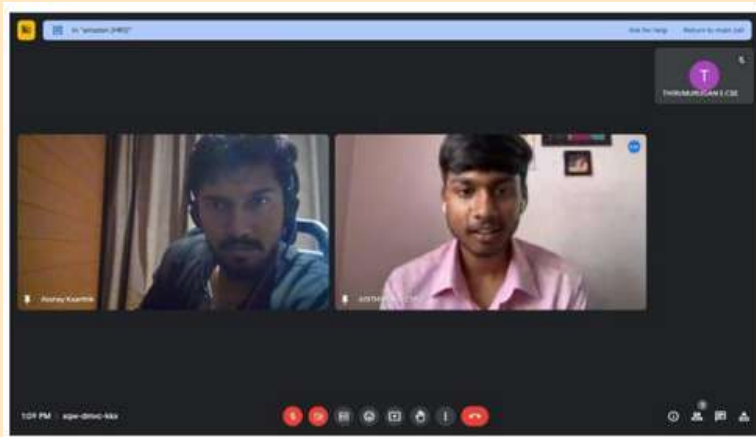
MOCK PLACEMENTS 2021- 2025 BATCH

Mock placements were conducted for CSE and AD students on March 24, 2024, in physical mode, and March 17, 2024, in online mode. HR representatives from various core companies evaluated students' performance during these sessions. They provided valuable feedback and suggestions for skill enhancement to prepare students for upcoming placements. The mock placements served as a simulation of real recruitment processes, allowing students to experience interview scenarios and receive constructive criticism on their performance. Students benefited from insights into areas needing improvement, such as communication skills, technical knowledge, and problem-solving abilities. The feedback provided a roadmap for students to focus on enhancing their strengths and addressing weaknesses, ultimately increasing their confidence and readiness for future job opportunities. These mock placement sessions were instrumental in bridging the gap between academic learning and industry

Placed Students March 2024

MOCK PLACEMENTS 2021- 2025 BATCH

ONLINE MOCK PLACEMENT



Placed Students March 2024

MOCK PLACEMENTS 2021- 2025 BATCH

OFFLINE MOCK PLACEMENT





Student

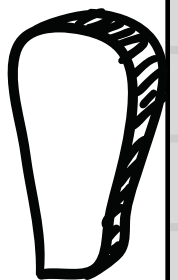
ACHIEVEMENT

Academic year 2023-24

Ms.VINAYA.B and Ms.SMIRTHACHANDRAN.R II/CS, secured the first Position in **TECHPAIR** in **TECHNOWAYS** a national level technical events.



CERTIFICATE of APPRECIATION



Ms.SHREEMIRRAH, III/AD, has won first place in the **“Idea Presentation”** on **“FUTURE OF BIOMEDICAL and AI”**, in International Conclave for Women in STEM held in Anna University on 18th and 19th March 2024.



CERTIFICATE OF EXCELLENCE

Ms. T.Shruthi, II/CS, has presented the research paper titled **"An Analytical Study of performance of Machine Learning Algorithm in Healthcare and Applications"** and was honored with the **BEST PAPER AWARD** in the **2nd International Conference** on "Innovative Technologies in Engineering Research (NCITER 2024)" organized by Department of Information Technology, AVC College of Engineering, Mayiladuthurai on 22nd March 2024.



CERTIFICATE OF EXCELLENCE

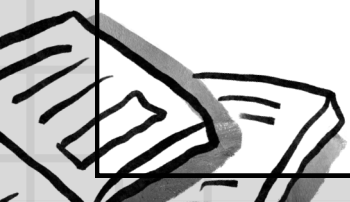
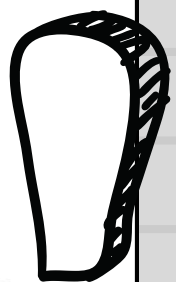
Ms. T.Shruthi, II/CS, has attended the workshop on **"Springboot (Expert from Adobe)"** as a part of Samhita'24, a national level technical symposium held on 16th and 17th March, 2024 organized by Information Technology Association, MIT, Chennai.



Mr.V.Vikram Anand, II/AD has presented the research paper titled **“Cardio Vascular Disease Prediction using Machine Learning”**, at the ICATEM’24 International conference on Advanced Technology in Engineering and Management held on 21th March 2024 at DE MONTFORT, Dubai.



CERTIFICATE OF PARTICIPATION



Mr. Arun Solaiappan V, IV/CS participated in the solo instrument event in YATRA'24, conducted by **Rajalakshmi Engineering College** on 15th March 2024.



CERTIFICATE OF PARTICIPATION

Mr. Arun Solaiappan V, IV/CS secured the **SECOND PLACE** in the solo instrument event in ENTHRAL'24, a cultural fest conducted by **Alpha College of Engineering** on 13th March 2024.



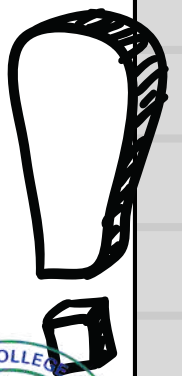
CERTIFICATE OF PARTICIPATION

Team Cletocite 3.0 comprising of **Mr.Bhuvaneshwaran A (Team Lead), Ms.Idhika P, Mr. Aravindhana C, Mr. Gowtham S, Mr.Cletus Rajkumar and Mr.Akeel Ahamed R S**, II/CS has won a Special Mention with a cash prize of Rs. 2,000 in the Make-a-thon 5.0 for the problem titled **“Cultural heritage preservation”**, conducted by ECE Association, SVCE from 23th & 24th March 2024.



CERTIFICATE OF APPRECIATION

Mr. Balamurugan B, Mr.Chanakiya Kshatriya A, Mr. Hemanth M, Mr.Balaji C K, Mr. Bhavan Arimaan T and Mr.Gokul Kannappan N R, III/CS have participated in the Capture The Flag Event conducted by **PALS and Edith Cowan University, Australia.** They have cleared out the prelims round by competing with 117 colleges and entered the final round. They are allowed to compete with the top 40 colleges. It's a two-day event. First day event was conducted in IITM Research Park, Taramani and the second day event have ended up with a seminar session by the professors from Edith Cowan University organized by IIT Madras.



CERTIFICATE OF RECOGNITION



The Department of Computer Science and Engineering of Sri Venkateswara College of Engineering organized a Guest Lecture on **“Importance of Artificial Intelligence in Agriculture”** by Dr. S.V. Murugan, Director, National Agro Foundation, Chennai on **19th March 2024 (Tuesday)** for III Year ADS Students.



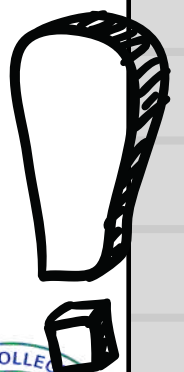
GUEST LECTURE



Mr. Yukeshwar P, Mr. Subbu S, Ms. Shruthi.T, Ms.Soumya S, Ms. Vishnupriya K and Ms. Varnikha Varshini, II/CS, have participated in various events of SAMHITA'24 organised by MIT, Madras on 16th & 17th March 2024



CERTIFICATES



- **Ms. V. Shanmathi, II/CS**, has undergone internship training in Machine learning (Low code/ No code, ML Architecture, Microsoft Code Basics) from 24th January to 15th March 2024.

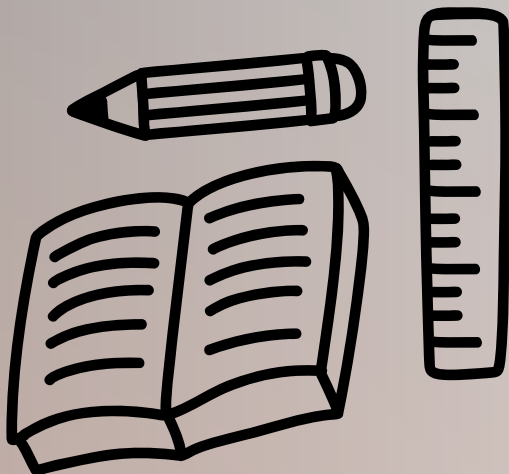


INTERNSHIP CERTIFICATE



FACULTY INTERACTION AND ACHIVEMENTS

ACADEMIC YEAR
2023-2024



FACULTY INTERACTION AND ACHIVEMENTS

- **Dr. R. Anitha Prof. & HOD / CSE and Ms. G. R. Khanaghavalle AP / CSE**, were honored with the **BEST PAPER AWARD** for the paper titled "Anomaly Detection in Pulmonary Acoustics through Neural Networks" at the International Conference on "Research Trends in AI & IoT for Infrastructure and Industry (AIII 2024)", organised by the Centre for Research, Anna University, on 8th March 2024.



BEST PAPER AWARD AT AIII 2024

FACULTY INTERACTION AND ACHIVEMENTS

- **Dr.R.Jayabhaduri, Prof. / CSE**, attended Programme on “**Recent Trends and Applications in IoT**” organized by the Department of IT, Sri Venkateswara College of Engineering.
- **Dr.R.Jayabhaduri, Prof. / CSE**, proposed a paper titled "**AI Powered Chatbot for Mental Health Treatment**" by team comprising the following final year B.Tech Artificial Intelligence and Data Science students, **Aadesh Vijayaraghavan, Ajay Karthik R, Ceralaathan G and Sai Sailesh S .** And the team has been shortlisted under the top 1000 proposals of Naan Mudhalvan, Niral Thiruvizha, Tamil Nadu's Grand Skilling Innovation Challenge held on March 13,2024 with a grant of Rs.10,000/-

FACULTY INTERACTION AND ACHIVEMENTS

- **Dr.R.Jayabhaduri, Prof. / CSE**, Proposed a paper titled “**Elevating Search and Rescue Operations in Avalanche and Remote Regions for Detecting Victims**” by final year B.Tech Artificial Intelligence and Data Science students **Nirupama R and Rakshith Raj V S**, receives an Intramural Grant amount: Rs. 10,000/- by Sri Venkateswara College of Engineering .
- **Dr.R.Jayabhaduri, Prof. / CSE**, organized a Six day Rapid Learning Programme “**From Dream to Reality: AI leading the Future**” for faculty, students and research scholars from March 18,2024 to March 23,2024.

FACULTY INTERACTION AND ACHIVEMENTS

- **Dr. N. Rajganesh, Assoc. Prof. / CSE**, acted as resource person and delivered a topic titled **IPR and Patent publication** on 01st March 2024 at Rajiv Gandhi National Institute of Youth Federation, Sriperumbudur.



IPR and Patent publication, RGNIYF

- **Dr. N. Rajganesh Assoc. Prof. / CSE, and Ms. T.Shruthi**, presented a research work titled " An Analytical Study of performance of Machine Learning Algorithm in Healthcare and Applications" was honored with the BEST PAPER AWARD in the 2nd International Conference on "Innovative Technologies in Engineering Research (NCITER 2024)", organized by Department of Information Technology, AVC College of Engineering, Mayiladuthurai on 22nd March 2024

FACULTY INTERACTION AND ACHIVEMENTS

- **Dr.P.Vinothiyalakshmi, Assoc. Prof. / CSE**
Attended 4 days STTP on “**Mastering Data Visualization Using R Programming Language**” organized by the Department of Computer Science & Engineering, Sri Venkateswara College of Engineering, Sriperumbudur-602 117, from 6th to 9th March, 2024.
- **Dr.P.Vinothiyalakshmi, Assoc. Prof. / CSE**
Attended Six day Rapid Learning Program “**From Dream to Reality – AI Leading the Future**” organized by the Department of Computer Science & Engineering, Sri Venkateswara College of Engineering, Sriperumbudur-602 117, during 18th to 23rd March 2024.

FACULTY INTERACTION AND ACHIVEMENTS

- **Dr. P. Vinothiyalakshimi, Assoc. Prof. / CSE** has Published paper in “**Image Segmentation and Feature Extraction for Gastric Cancer Detection**” in **2024 3rd International Conference for Innovation in Technology (INOCON)**, jointly organised by Departments of CSE at Sai Vidya Institute of Technology, Bengaluru, India held during 4th – 6th March, 2024.
- **Dr. P.Vinothiyalakshimi, Assoc. Prof. / CSE** reviewed the paper “**Journal of Super Computing**”- Springer.
- **Dr.P.Vinothiyalakshimi, Assoc. Prof. /CSE** reviewed the paper “**Journal of Cluster Computing**”- Springer.

FACULTY INTERACTION AND ACHIVEMENTS

- **Dr. V. Rajalakshmi, Assoc. Prof. / CSE**, Acted as delegate for the International Conference On “Research Trends In AI And IoT For Infrastructure And Industry” organized by Centre for Research, Anna University on 6th to 8th March 2024
- **Dr. V. Rajalakshmi, Assoc. Prof. / CSE**, Organised a short term training programme “From Dream to Reality: AI leading the Future” for faculty and students from 18th to 23rd March 2024.
- **Dr. V. Rajalakshmi, Assoc. Prof. / CSE**, acted as Technical Committee Member and Reviewer in the International Conference on Power Engineering and Intelligent Systems (PEIS2024) held at National Institute of Technology, Uttarakhand, India during 16th & 17th March 2024.

FACULTY INTERACTION AND ACHIVEMENTS



- **Mr. K. Srinivasan, AP / CSE**, attended an workshop on “Cyber Security and Ethical Hacking Awareness” held on 11th March 2024 at St. Joseph Institute of Technology.



FACULTY INTERACTION AND ACHIVEMENTS

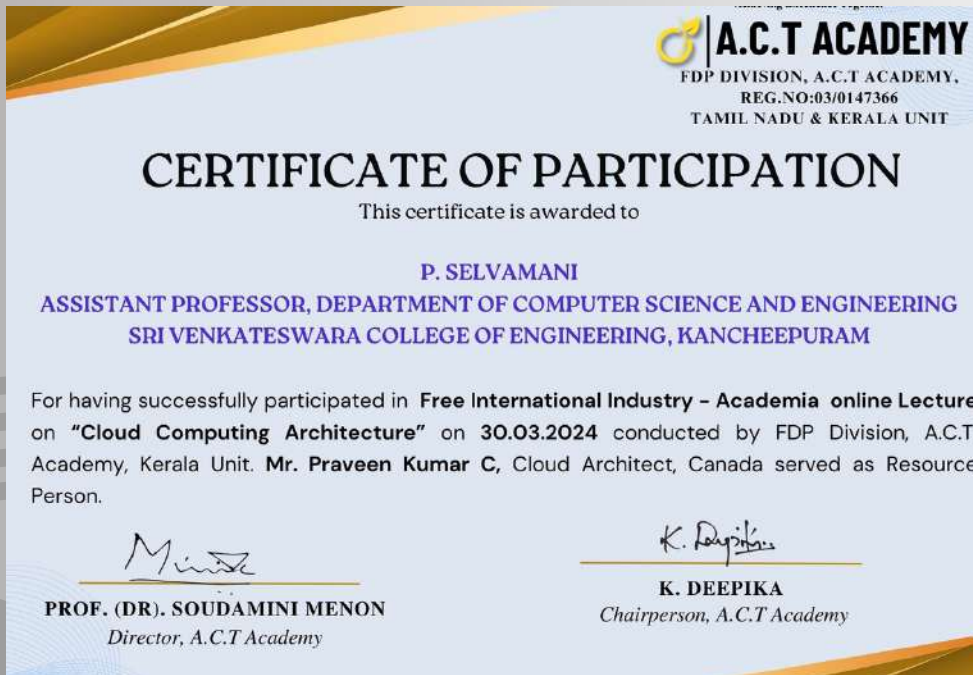
- **Mr. K. Srinivasan, AP / CSE**, had given a talk in the Institution Innovation Council on topic “Cyber Security” held on 13th March 2024.



- **Mr. P. Selvamani, AP / CSE**, attend Five Day Professional Development Programme on “Machine learning using Python” Organized by National Institute of Technical Teachers Training & Research, Chennai From 18th to 22nd March 2024.

FACULTY INTERACTION AND ACHIVEMENTS

- **Mr. P. Selvamani, AP / CSE**, attended a one day International Industry Academic Online Lecture on “Cloud Computing Architecture” Organized by ACT Academy, Chennai on 30.03.2024.



CERTIFICATE OF APPRECIATION

FACULTY INTERACTION AND ACHIEVEMENTS

- **Ms. G. R. Khanaghavalle, AP / CSE**, Organised a short term training programme titled “From Dream to Reality: AI leading the Future” for faculty and students from March 18, 2024 to March 23, 2024.
- **Ms. Rupa Kesavan, AP / CSE**, along with IV/CS students Neha Bhende, Deepika G, Lakshmipriya R, presented paper titled “A Smart Fuzzy Metaheuristic Energy Optimisation Framework for Heterogeneous Wireless Sensor Networks" Proceedings in the International Conference on Artificial Intelligence and Smart Energy (ICAIS 2024) held on 22nd & 23rd March 2024.



FACULTY INTERACTION AND ACHIEVEMENTS

- **Ms. Rupa Kesavan, AP / CSE**, acted as one of the Mentor at Hack”her”Thon`24, organized by SVCE on 5th and 6th March 2024.



- **Ms. Rupa Kesavan, AP / CSE**, has attended Six days Rapid Learning Program “From Dream to Reality – AI Leading the Future” - March 18-23,2024 organized by Department of CSE,SVCE.
- **Ms. Rupa Kesavan, AP / CSE**, has attended Industry Led :7 Days National Level FDP On “Python” organized by Star International Foundation for Research and Education on 19th to 25th March 2024.

FACULTY INTERACTION AND ACHIEVEMENTS

- **Ms. Rupa Kesavan, AP / CSE**, has volunteered for “Naadu Nam Veedu Thittam Programme Organized by UNNAT BHARAT ABHIYAM cell at Poonthandalam village on 28th March 2024.



- **Dr. P. Geetha, AP / CSE** attended One Day Workshop on "Process and Drafting of Intellectual Property Rights," sponsored by the Science and Engineering Research Board (SERB), Govt. of India organized by Dept of Electrical and Electronics Engineering, Sri Venkateswara College of Engineering scheduled on 20th March 2024.

FACULTY INTERACTION AND ACHIVEMENTS

- **Ms. R. K. Kapilavani, AP / CSE**, attended One Day Workshop on "Process and Drafting of Intellectual Property Rights," sponsored by the Science and Engineering Research Board (SERB), Govt. of India, organized by Dept of Electrical and Electronics Engineering, Sri Venkateswara College of Engineering held on 20th March 2024.
- **Ms. T. Padmavathy, AP / CSE**, attended a Short Term Training Programme on "Mastering Data Visualization using R programming language", SVCE, Chennai during the period 6th to 9th March 2024
- **Ms. S. Janani, AP / CSE**, attended a Short Term Training Programme on "Mastering Data Visualization using R programming language", SVCE, Chennai during the period 6th to 9th March 2024.
- **Dr S.D. Nandakumar, AP / CSE**, attended a Short Term Training Programme on "Mastering Data Visualization using R programming language", SVCE, Chennai during the period 6th to 9th March 2024.

FACULTY INTERACTION AND ACHIVEMENTS

- **Ms. P. Uma, AP / CSE, Ms. Shobhanjaly P Nair, AP / CSE, Ms. M. Shanthalakshmi, AP / CSE and Ms. R. Aiyshwarya Devi, AP / CSE**, organized a 4 days STTP on “Mastering Data Visualization Using R Programming Language” from 6th to 9th March 2024.
- **Ms. Ajoy Sweetlin Jeena A, AP / CSE** has participated Short Term Training Programme in “Mastering Data Visualization Using R Programming Language”, at Sri Venkateswara College of Engineering, Sriperumbudur from 6th to 9th March 2024.
- **Ms. Poorni R, AP / CSE** has participated Short Term Training Programme in “Mastering Data Visualization Using R Programming Language”, at Sri Venkateswara College of Engineering, Sriperumbudur from 6th to 9th March 2024.

FACULTY INTERACTION AND ACHIEVEMENTS

- **Ms. P. Kaviya, AP / CSE**, attended the International Industry-Academia Lecture on "Cloud Computing Architecture" scheduled on 30.03.2024.
- **Ms. Ajoie Sweetlin Jeena A, Ms. R. Poorni, Ms. P. Kaviya, AP / CSE**, have Organised Two Days National Seminar on “The Crucial Role of Non-Functional Testing in Software Quality Assurance”, at Sri Venkateswara College of Engineering, Sriperumbudur from 22nd March 2024 – 23rd March 2024.
- **Mr. V. Krishnamoorthy, AP / CSE**, presented a paper titled “An Innovative approach to track the vehicles using LoRaWAN” at the 1st International Conference on Data Engineering and Machine Learning from 22nd to 24th November 2023, organized by the Department of CSE, GITAM school of technology, Bengaluru.

FACULTY INTERACTION AND ACHIVEMENTS

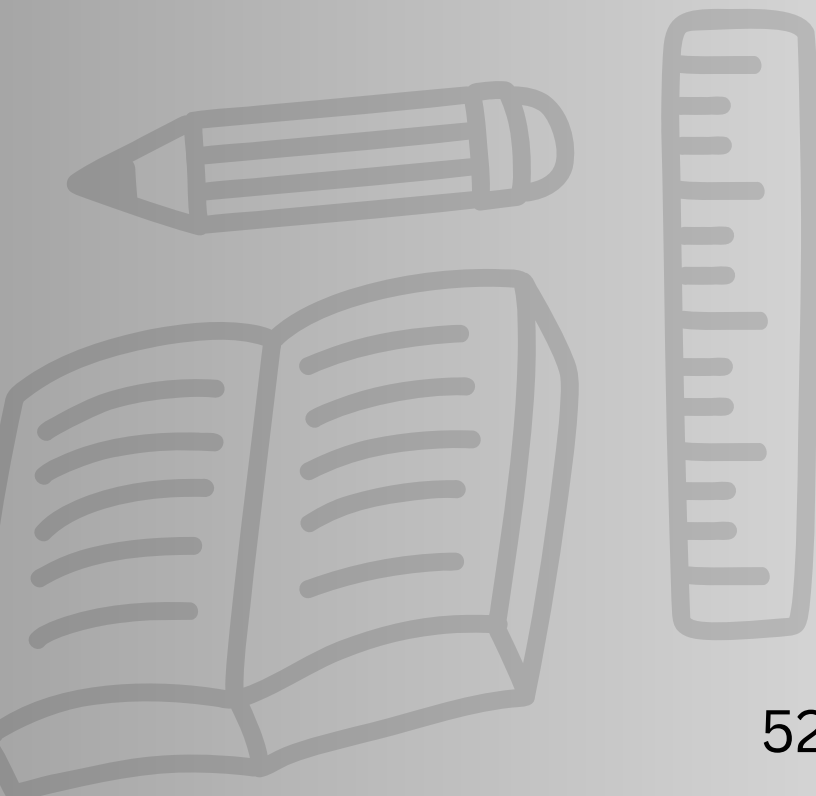
Mr. V. Krishnamoorthy, AP / CSE, have filed a UK design patent and the same was Granted.

Title of the Design: “Smart Mirror with Personalized Information Display”

Design No.: 6326052

Filed Date: 14.11.2023

Granted Date: 22.11.2023



FACULTY INTERACTION**PARENTS TEACHER MEETING**

Parents Teacher Meeting for the current even semester was held on March 23, 2023 for I,II,III and IV year students. Inaugural note was given by HoD in CSLAB8. HoD has informed the agenda of the meeting and shared information about the academic performance of their wards. She started her presentation with Vision, Mission, PEO and PSO of the program. HoD presented the latest achievements in the department. The Parents were happy to meet the Head of the Department, Faculty Advisor, Class Committee Chairperson and respective subject Faculty members. Ward's performance in Semester exams, CAT along with the ward's attendance and assignment reports was discussed by Faculty Advisors. The Parents Teacher Meeting came to an end with the feedback given by the parents and the suggestions to nourish the ward's future by having a mutual understanding of parents and faculty members.

FACULTY INTERACTION

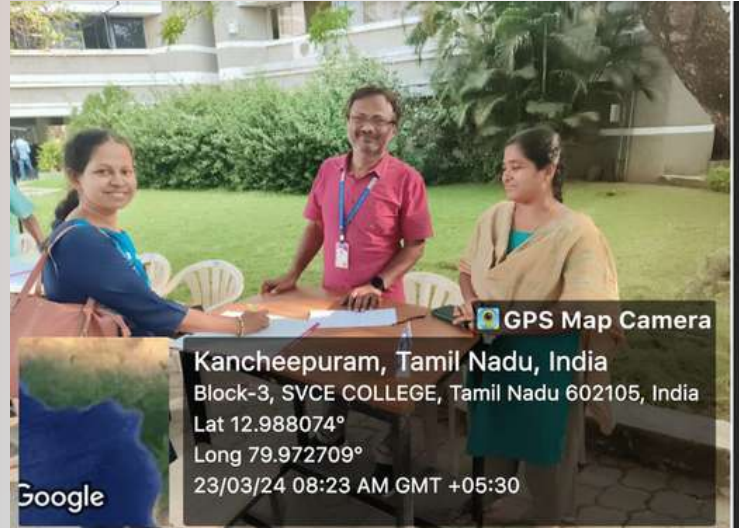
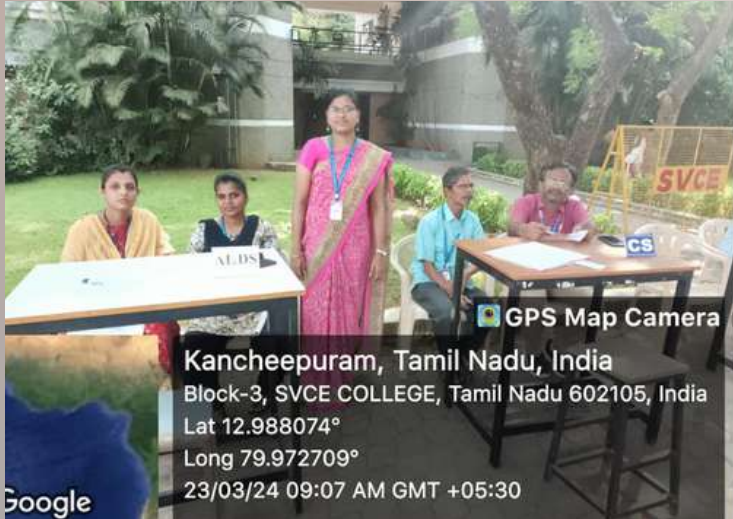
PARENTS TEACHER MEETING

The feedback (Suggestion and Comments from Parents) of the meeting is as follows:

1. The PTM was well organized by the Management and the department in a systematic manner.
2. Meeting with the faculty was really useful and was satisfied with the information from the faculty members.
3. Parents thanked for the good support and guidance by the subject teachers.
4. Ward should be encouraged to participate in extracurricular activities.
5. Communication skills should be improved.
6. Good Coordination and Excellent faculty team.
7. Parents thanked the college and the department for developing the students in a holistic way.
8. Parents requested to conduct the additional coaching classes for the specific subjects.
9. Parents requested for internship programs for AI & DS students in Data Science Companies.
10. Parents had stated that interaction was good with the faculty.
11. The meeting was useful to know about the ward and about their academic performances.
12. Periodical Meeting of this type improves the ward's performance.
13. College provides a good environment for career development. Thanks to the team.
14. Parents are happy with the special coaching provided in this esteemed institution.
15. Parents suggested that students use textbooks and library facilities.
16. Ward needs more practical sessions and shall be conducted even during holidays.
17. Individual talents may be identified and the student can be groomed to excel in his/her area of specialisation other than academics.
18. Very productive meeting. Exchanged feedback about their ward's performance
19. Overall, parents felt that the meeting was fruitful.

FACULTY INTERACTION

PARENTS TEACHER MEETING



GLIMPSE of PTM



FACULTY INTERACTION

PARENTS TEACHER MEETING

S.No	COMMENTS	ACTION TAKEN	OUTCOMES
1.	Parents requested to conduct the special coaching classes for mathematical and core paper.	The needy students are identified at the department level based on their performance.	Performance of the students in the CAT and the ESE examinations have improved .
2.	Parents requested for Internship programs for AI & DS related companies.	Information has been taken to the Chief Placement officer and the suitable action is taken.	Many students have got internships in Data Analyst related industries .



CLUB ACTIVITIES

ACADEMIC YEAR
2023-2024



ACE EVENTS – MARCH 2024

Coordinators : Ms. G.Janakasudha, AP / CSE, Mr.
K.Srinivasan, AP / CSE

1. WOMANIA

The Association of Computer Engineers (ACE) of Department of Computer Science and Engineering, Sri Venkateswara College of Engineering (SVCE) conducted WOMANIA, for the female students of the department in commemoration of International Women's day on 11th and 12th of March 2024. A couple of events were held at WOMANIA: Crack the Code and Visual Voyage along with a Guest Lecture.

• CRACK THE CODE

The event "Crack the Code" was held on March 11th, as part of the WOMANIA where the participants showcased their coding prowess and problem-solving abilities with enthusiasm and determination. The event fostered a spirit of friendly competition and camaraderie, as contestants worked against the clock to unravel challenging coding puzzles.



CRACK THE CODE

- **VISUAL VOYAGE**

"Visual Voyage" was conducted on 12th March 2024 where 18 teams enthusiastically competed in a game of connection, which encompassed both technical and non-technical topics.



VISUAL VOYAGE

- **GUEST LECTURE ON WOMEN IN TECH**

As a part of WOMAINA, ACE hosted a special guest lecture in celebration of Women's Day on 12th March 2024. Ms. Subhiksha Devarajan, Senior software engineer at Gigamon was invited as guest of honor for the event. She delivered an inspiring lecture on challenges facing women in tech, emphasizing self-dependence and career clarity. The Chief Guest then presented prizes to the WOMANIA event winners.



GUEST LECTURE ON WOMEN IN TECH

2. INTERRUPT'24 PART OF TECHNOWAYS

The Association of Computer Engineers (ACE) of Department of Computer Science and Engineering, Sri Venkateswara College of Engineering (SVCE) conducted four events : Thrill Quest, Joker Coder, Visual Papyrus and AR/VR Workshop in the national level technical symposium of the Department, INTERRUPT'24 which was a part of TECHNOWAYS on 15th and 16th March 2024.

- **THRILL QUEST**

Thrill Quest conducted on 15th March was an exhilarating event designed to immerse participants in the heart-pounding world of solving a murder mystery. Hosted in 5TH block, this unique experience brought together thrill-seekers, mystery enthusiasts, and amateur detectives for an evening of intrigue, suspense, and adrenaline-pumping excitement.



THRILL QUEST



- **JOKER CODER**

Joker Coder which was held on 16th March was a Cryptic Decryption Battle where the teams had to decipher seven encrypted words, Followed by a Code Sprint with a Twist, featuring dynamic coding sessions. Teams swapped partners every 5 minutes amidst music and camaraderie, Overcoming obstacles, they executed code seamlessly within the time limit.



JOKER CODER

- **VISUAL POPYRUS**

Visual Papyrus conducted on 15th March was an interactive event blending UI/UX challenges with tech history and business strategy. In the Tech Company Acquisition Challenge, they engaged in a dynamic auction, acquiring companies and adapting them to historical tech eras. Teams showcased strategic foresight and innovation through UI/UX webpages, collaborating to overcome obstacles. The event fostered creativity, adaptability, and teamwork in the UI/UX domain.



VISUAL POPYRUS

- **AR/VR WORKSHOP**

The AR/VR workshop which was conducted on 15th March, led by a certified Unreal Engine instructor, offered nearly 100 participants an immersive learning experience in AR and VR technologies. Through expert guidance, students delved into intricacies, gaining insights into applications and potentials. The workshop covered fundamental concepts, development tools, and real-world use cases, with hands-on exercises for effective learning.



AR/VR WORKSHOP

3. GUEST LECTURE ON TRIUMPH TALES

The Association of Computer Engineers (ACE) of the Department of Computer Science and Engineering (CSE), of Sri Venkateswara College of Engineering (SVCE) conducted a Guest lecture on 18th of March 2024. Ms. Anuhya Gandavaram, Block chain Developer at Param Networks, was invited as Guest of honor for the event. Ms. Anuhya delivered an insightful guest lecture on the theme of "Inspiring Women,". She emphasized the importance of recognizing and celebrating the achievements of women in various fields.



GUEST LECTURE

RESEARCH

ACADEMIC YEAR 2023-2024

ACTIVITIES



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. J. M. Gnanasekar, Prof - CSE

Area of Interest: Web Technology, Cloud Computing, Service Oriented Computing.



Dr. N. M. Balamurugan, Prof - CSE

Area of Interest: Intelligence, Intelligent Things.

Interest: Artificial Machine Learning, Networks, Internet-of-Things.

Research Supervisors



Dr. N. Rajganesh, Associate Professor - CSE

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



Dr. P. Vinothiyalakshmi, Associate Professor - CSE

Your paragraph text

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



Dr. M. S. Girija, Assistant Professor - CSE

Area of Interest: Wireless Sensor Networks, Artificial Intelligence and Machine Learning, Data Science and Analytics, Natural Language Processing

PUBLICATIONS

- **Dr. R. Anitha, Prof. & HOD / CSE and Mr. P. Selvamani, AP / CSE** has published a paper titled **“Edge-centric energy efficient LSTM with federated learning model based computation offloading for IoT applications”** in **Journal of Physics: Scopus Indexed Conference Series.** doi:10.1088/1742-6596/2646/1/012028 - January 2024
- **Dr. R. Anitha, HOD / CSE and MS. G. R. Khanaghavalle, AP / CSE,** paper titled **"Anomaly Detection in Pulmonary Acoustics through Neural Networks"** has been selected for the presentation at the upcoming **International Conference on RESEARCH TRENDS IN AI AND IoT FOR INFRASTRUCTURE AND INDUSTRY - AIIII 2024** during **6th-8th March, 2024 - CFR, Anna University.**



PUBLICATIONS

- **Dr. R. Anitha, HOD / CSE and E. Sivakumar,** Paper titled: **MACHINE TRANSLATION : A COMPREHENSIVE SURVEY KANITAMIL' 24** is selected for the presentation at the upcoming International KaniTamil24 Conference on 8.02.2024 - 09.02.2024 - Tamil Virtual Academy
- **Dr. V. Rajalakshmi, Assoc. Prof / CSE** published a patent titled **“Smart walker for managing body alignment”** in IPR journal on 12/01/2024.
- **Ms. S. Poorani, AP / CSE and Dr. R. Anitha, Prof. & HOD / CSE,** published an article titled **“Privacy-Preserving Cloud Data Security: Integrating the Novel Opacus Encryption and Blockchain Key Management”**, KSII Transactions on Internet and Information Systems, vol. 17, no. 11, pp. 3182-3203, 2023. DOI: 10.3837/tiis.2023.11.015. **Impact Factor: 1.5.**



INDUSTRIAL VISITS





Students of II AD underwent a one day Industrial Visit to National Agro Foundation, Chengalpattu on 07th & 08th March 2024.



AD - A



AD - B

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Dr. S. D. NANDAKUMAR, AP / CSE

Ms. R. POORNI, AP / CSE

Ms. P. KAVIYA, AP / CSE

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Ms. D. SHALINI, III / CSE
Ms. R. SWATHI, III / CSE
Ms. S. VARNIKHA VARSHINI, II / CSE
Ms. T. SHRUTHI, II / CSE

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