

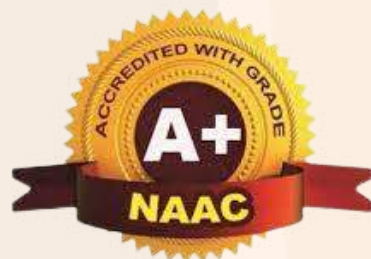


SVCE | Sri Venkateswara
College of
Engineering

SVCE IQAC
Consciousness for Quality

CSE BYTES

Newsletter
October 2023
(Vol 6, Issue 10)



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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 (PEOS)

- 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 (PSOS)

- 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 (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.
- **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 (PEOS)

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 (PSOS)

- 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 (PEOS)

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 (PSOS)

- 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

PROGRAMME EDUCATIONAL OBJECTIVES (PEOS)

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 (PSOS)

- 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.

Dr. R. Anitha

Professor & Head / 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 2023. 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.



STUDENT ACHIEVEMENTS

Academic Year

Oct 2023



STUDENT ACHIEVEMENTS

Mr.M.Yogesh, III/AD had participated in the web3/web contest of the National Level Technical Symposium (IBENTO 2023) organized by SIMATS Engineering, SIMATS, Chennai on 20-10-2023.





STUDENT ACHIEVEMENTS



S.Yogesh, III/CS, Basketball(Men) team gave a stunning performance in the finals and secured Runner up trophy in the Anna University zonal tournament held at Rajalakshmi Engineering College on 04-10-2023.

Mr.Lekshman Babu, Mr.Mohammed Nooh, Mr.Pradhesh Kumar, Mr.Maanesh and Mr.Pratosh, IV/CS students batch, filed Indian Design patent successfully of their Hackathon project under the guidance of Dr.Anitha R & Mrs.Rupa kesavan, titled "Smart Camera for Surveillance of Crime Activity Using Machine Learning" and Design application is under examination for the Grant.



STUDENT ACHIEVEMENTS



Mr. Kabilan M, III/CS and his team gave a stunning performance and secured Third place in the Basketball(Men), Anna University zonal tournament organized by CEG, Chennai on 13-10-2023.





STUDENT ACHIEVEMENTS



Mr S.Sharan Balaji III/C, has won the Second Prize in the program “Music Band” in COMMERZIUM’23 organized by SRM Institute of Science and Technology, Ramapuram campus on 14-10-2023.





STUDENT ACHIEVEMENTS



Mr. ABINESH K N, IV/CS, SANDEEPKRISHNA P A, II/CS, Mr. SANJITH L, I/CS gave a wonderful performance in the finals and secured First prize in the Badminton(Men), Anna University zonal tournament, Organized by SVCE on 16th & 17th Oct 23.



Badminton (Men) Team



STUDENT

ACHIEVEMENTS



Ms. SAHANA S, III/AD gave a stunning performance in the finals and secured Runner up in the Table Tennis (Women) of Anna University zonal tournament held at SMIT, Chennai on 09-10-2023.



Table Tennis (Women) Team

PLACEMENT ACTIVITIES

Academic Year
2023-2024



PLACEMENT EVENTS

*Department of Computer Science and
Engineering*

Placement Report – October 2023

TRAINING AND PLACEMENT

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.



Placement Events

PLACED STUDENTS 2023-2024

S. NO	REGISTRATION NO.	STUDENT NAME	Placed Company
1	2127200501046	GOBBIKA G	Flex
2	2127200501013	AJAY S	CELESTICA
3	2127200501114	RAHUL K	CELESTICA
4	2127200501147	SRIMATHI R	Flex
5	2127200501005	ABIRAMI B	Maveric Systems
6	2127200501031	BHAVYA S	Maveric Systems
7	2127200501076	KOLLA MOHAN RAO	Maveric Systems
8	2127200501139	SHRUTHIKA S	Maveric Systems
9	2127200501003	ABINESH K N	MUSIGMA
10	2127200501025	ARUNACHALA MANI BAVAN K	MUSIGMA



Placement Events

PLACED STUDENTS 2023-2024

S. NO	REGISTRATION NO.	STUDENT NAME	Placed Company
11	2127200501067	KANISHKAAR R	MUSIGMA
12	2127200501157	THEJASWINI SOMASUNDARAM RAGHU	MUSIGMA
13	2127200501164	VISHAL J C	MUSIGMA
14	2127200502026	NITHISH KUMAR B	MUSIGMA
15	2127200501159	VEMPALLI DHARANI	SRI Insights
16	2127200501311	UMAYAL V	SRI Insights
17	2127200501043	GEETHA F	UST Global
18	2127200501122	SANJAY KARTHICK M	UST Global
19	2127200501129	SARAVANAN K	UST Global
20	2127200501165	VISHAL M	UST Global

Placement Events

PLACED STUDENTS 2023-2024



S.AJAY / CSE



S.RAHUL / CSE



Placement Events

PLACED STUDENTS 2023-2024

G- Cell (Global Education Cell)

The Global Education Cell at SVCE 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.



Glimpses of G- Cell (Global Education Cell)

Placement Events

PLACED STUDENTS 2023-2024

The Training and Placement Cell organized a program on “Soft Skill Coliseum – Enhancing soft skills and public speaking skills” for the first year students with the help of M/s LTI Mindtree Pvt Ltd, at function hall, SVCE on 14.06.2023.



Workshop benefits:

More Effective Communication

Stronger Leadership

Improved Problem Solving

Enhanced Creative and Critical Thinking

Better Teamwork, Efficiency and

Productivity

FACULTY ACHIEVEMENTS AND INTERACTIONS

6.

ACADEMIC YEAR 2023-2024



EVENTS ORGANIZED

Dr. S. U. Muthunagai, Associate Professor/CSE, Ms. S. Poorani, Ms. R. Iyswarya, Dr. M. S. Girija, Ms. Rupa Kesavan, Assistant Professor/CSE, organized a two days workshop on “Block chain and Data Analytics” by Department of Computer Science and Engineering, SVCE on 30-10-2023 and 31-10-2023.



SVCE Sri Venkateswara College of Engineering

SVCE IQAC Consciousness for Quality

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

2-DAY WORKSHOP ON

Block Chain and Data Analytics

DAY 1: BLOCK CHAIN TECHNOLOGY AND ITS APPLICATIONS



DR. Y. MOHAMED SIRAJUDEEN
ASSISTANT PROFESSOR, VIT UNIVERSITY, AP

DAY 2: EXPLORING DATA ANALYTICS : UNDERSTANDING ITS ROLE IN THE DATA ECOSYSTEM



MR. S. S. SANJAEY
ML ENGINEER THERMELGY CHENNAI

ORGANISING COMMITTEE

- Dr. S.U. Muthunagai, Associate Professor/CSE
- Ms. S. Poorani, Assistant Professor/CSE
- Ms. R. Iyswarya, Assistant Professor/CSE
- Dr. M.S. Girija, Assistant Professor/CSE
- Ms. Rupa Kesavan, Assistant Professor/CSE

ADVISORY COMMITTEE

- Dr. M. Sivanadham, Secretary, SVCE
- Dr. S. Ganesh Vaideyanathan, Principal, SVCE

CONVENOR

- Dr. R. Anitha, Professor & Head/CSE, SVCE

[CLICK HERE TO REGISTER](#)

E-CERTIFICATE FOR ATTENDED PARTICIPANTS ONLY

30 OCT & 31 OCT 2023

TIMING : 06:00PM - 07:30PM

MODE OF DELIVERY: GOOGLE MEET

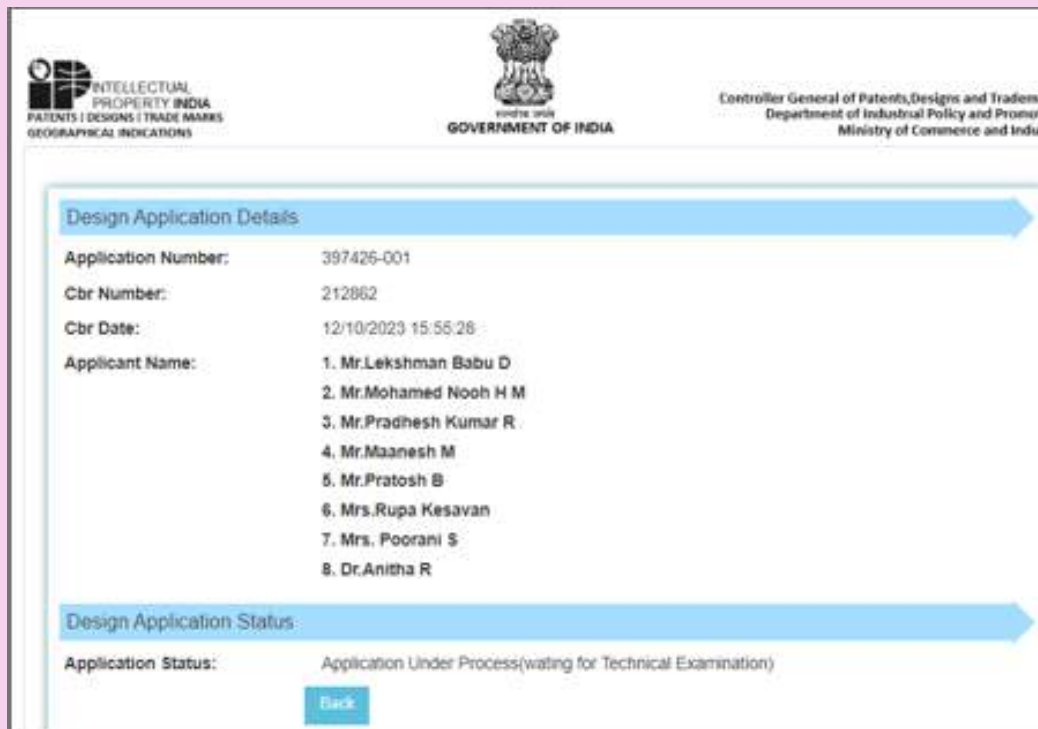
Invitation



FACULTY ACHIEVEMENTS

Dr.R.Anitha HoD/CSE, Ms. S. Poorani Asst. Prof/CSE, & Mrs. Rupa Kesavan Asst. Prof/CSE, along with IV year CSE students batch including Mr. Lekshman Babu, Mr. Mohammed Nooh, Mr.Pradhesh Kumar, Mr. Maanesh and Mr. Pratosh, filed Indian Design patent successfully of their Hackathon project under title “Smart Camera for Surveillance of Crime Activity Using Machine Learning” and Design application is under examination for the Grant.

Application number: 397426-001, CBR Number: 212862



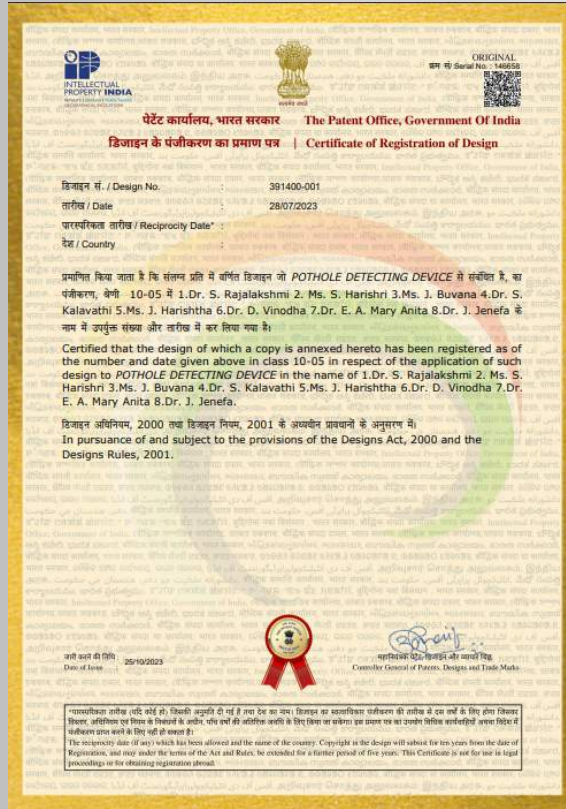
The screenshot shows the 'Design Application Details' page from the Intellectual Property India portal. The page header includes the Intellectual Property India logo, the Government of India emblem, and the Controller General of Patents, Designs and Trademarks, Department of Industrial Policy and Promotion, Ministry of Commerce and Industry. The details listed are:

Design Application Details	
Application Number:	397426-001
Cbr Number:	212862
Cbr Date:	12/10/2023 15:55:28
Applicant Name:	<ol style="list-style-type: none"> 1. Mr.Lekshman Babu D 2. Mr.Mohamed Nooh H M 3. Mr.Pradhesh Kumar R. 4. Mr.Maanesh M 5. Mr.Pratosh B 6. Mrs.Rupa Kesavan 7. Mrs. Poorani S 8. Dr.Anitha R
Design Application Status:	
Application Status:	Application Under Process(wating for Technical Examination)

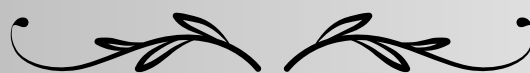
A 'Back' button is visible at the bottom of the application details section.

FACULTY ACHIEVEMENTS

POTHOLE DETECTING DEVICE



The "Pothole Detection Device" is a design patent that has been assigned the application number 391400-001. It was filed on July 28, 2023, and the patent for the design was granted on October 25, 2023. The authors of this design include Dr. S. Rajalakshmi, ASP/CSE; Ms. S. Harishri, IV/CS, Ms. J. Buvana, AP/CSE; Dr. S. Kalavathi, AP/INT; Ms. J. Harshitha, IV/CS and several others.



FACULTY ACHIEVEMENTS

Mr. M. Lakshmanan, Asst. Prof/CSE, filed an Indian patent titled "MERKLE TREE-BLOCKCHAIN ASSISTED PRIVACY PRESERVATION OF ELECTRONIC MEDICAL RECORDS ON OFFERING MEDICAL DATA PROTECTION THROUGH HYBRID HEURISTIC ALGORITHM" and the same was published on 06th October 2023.

(12) PATENT APPLICATION PUBLICATION	(21) Application No.202341063024 A
(19) INDIA	
(22) Date of filing of Application :20/09/2023	(43) Publication Date : 06/10/2023
(54) Title of the invention : MERKLE TREE-BLOCKCHAIN ASSISTED PRIVACY PRESERVATION OF ELECTRONIC MEDICAL RECORDS ON OFFERING MEDICAL DATA PROTECTION THROUGH HYBRID HEURISTIC ALGORITHM	
(51) International classification	(71)Name of Applicant :
:G16H0010600000, G06F0021620000, H04L0009080000, H04L0009060000, G16H0050200000	1)M. Lakshmanan Address of Applicant :Sri Venkateswara College of Engineering Post Bag No.1, Pennalur Village, Chennai - Bengaluru Highways, Sriperumbudur (off Chennai) Tk. - 602117, Tamil Nadu, India -----
(86) International Application No	Name of Applicant : NA
Filing Date	Address of Applicant : NA
(87) International Publication No	(72)Name of Inventor :
: NA	1)M.Lakshmanan Address of Applicant :Assistant Professor, Department of Computer Science and Engineering, Sri Venkateswara College of Engineering, Pennalur, Sriperumbudur, Tamil Nadu -602117 -----
(61) Patent of Addition to Application Number	2)Dr. G.S. Anandha Mala Address of Applicant :Professor, Department of Computer Science and Engineering, Easwari Engineering College, 162, Bharathi Salai, Ramapuram, Chennai, Tamil Nadu-600089 -----
Filing Date	---
(62) Divisional to Application Number	3)Dr. K.M.AnandKumar Address of Applicant :Professor, Department of Computer Science and Engg., Easwari Engineering College, 162, Bharathi Salai, Ramapuram, Chennai, Tamil Nadu-600089 -----
Filing Date	-----
(57) Abstract :	



FACULTY ACHIEVEMENTS

Mrs.Rupa Kesavan, received appreciation for being one of Top 100 Mentors at Nation level from ATAL NITI Aayog Center for consistent mentoring of Innovation projects for 20 batches.



Certificate of Appreciation

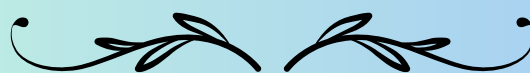


FACULTY ACHIEVEMENTS

Dr.P.Vinothiyalakshimi Asso.prof/CSE, Dr.V.Rajalakshmi Assoc. Prof/CSE, Dr.S.U.Muthunagai Assoc. Prof/CSE, Mrs.J.Buvana Asst. Prof/CSE, Ms.S.Poorani Asst. Prof/CSE, Mrs.R.lyswarya Asst. Prof/CSE, Dr.M.S.Girija Asst. Prof/CSE, Ms.Rupa Kesavan Asst. Prof/CSE, has successfully completed three days Faculty Development Program on “Deep Learning Techniques for Image Analysis - Hands on Session” organized by the Department of ECE, Sri Venkateswara College of Engineering from 03-10-2023 to 05-10-2023.

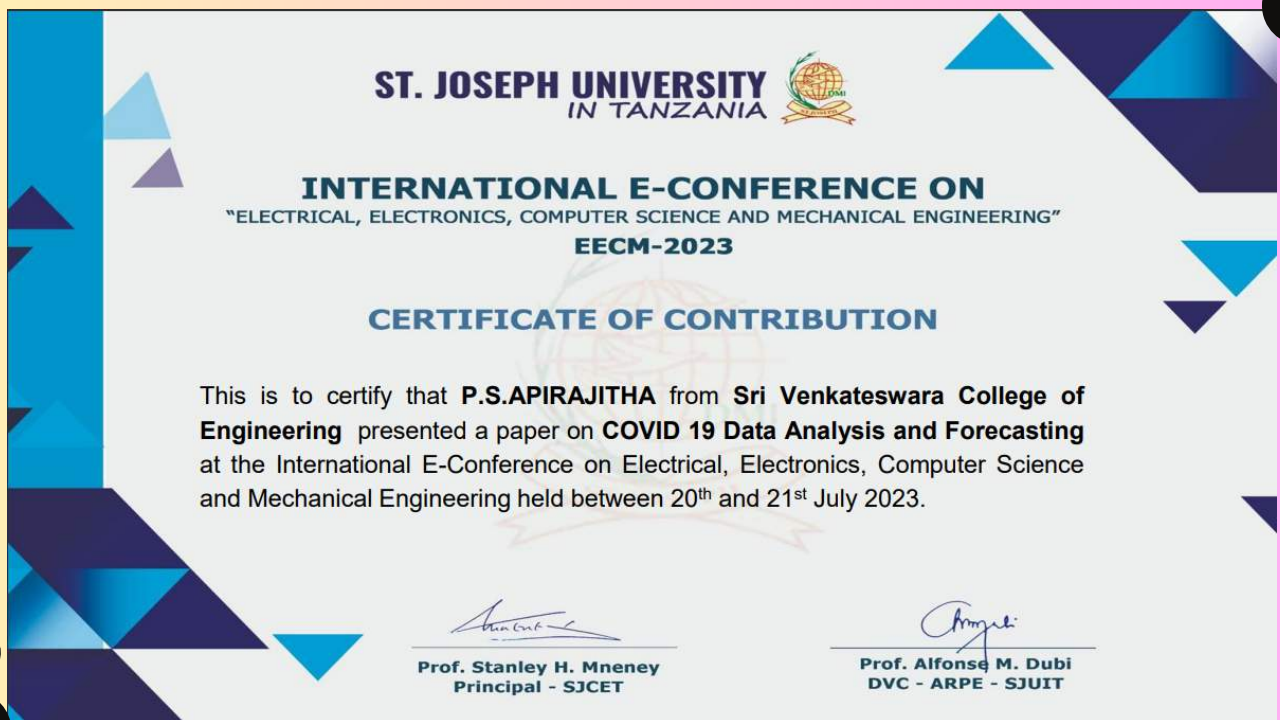


Certificate of Participation



FACULTY ACHIEVEMENTS

Mrs. P. S. Apirajitha Asst. Prof/CSE, G.Mahalakshmi, J.DuraiMurugan, presented a paper on the topic of “Covid 19 Data Analysis and Forecasting” at international Conference Electrical, Electronics, Computer Science and Mechanical Engineering held between 20th and 21st July 2023, held at St.Joseph’s University in Tanzania .



Certificate of Participation



FACULTY ACHIEVEMENTS

Mrs. P. S. Apirajitha Asst. Prof/CSE, G.Mahalakshmi, S.Punitha, Pandiaraja, presented a paper on “Revolutionizing Farm Irrigation: A Smart IoT-based Solution for Water Conservation in Agriculture” at 3rd International Conference on Innovative and Sustainable computational technologies, organized by graphic era (deemed to be university) Dehradun.



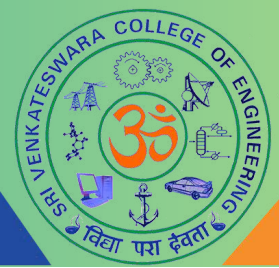
Certificate of Participation

FACULTY ACHIEVEMENTS

Mrs. P. S. Apirajitha Asst. Prof/CSE, attended a webinar on topic “ Future of Blockchain & AI in India and Beyond" on 15th July, 2023 organized by Computer Engineering Department & Supercomputing Facility (SCF) of L.D. College of Engineering, Ahmedabad.



Certificate of Participation



FACULTY PARTICIPATIONS

FACULTY PARTICIPATIONS

Dr P Vinothiyalakshmi, Dr. S. Rajalakshmi, Dr. S. U. Muthunagai, Assoc. Prof/CSE, Ms. J. Buvana, Ms. S. Poorani, Ms. R. Iyswarya, Mrs. Rupa Kesavan, Dr. M. S. Girija, Assistant Professor/CSE attended a three-day Faculty Development Program on “Deep Learning Techniques for Image Analysis - Hands-on Session” at Department of Electronics and Communication Engineering, Sri Venkateswara College of Engineering during the period 03-10-2023 to 05-10-2023.

Dr. P. Vinothiyalakshmi, Dr. S. Rajalakshmi, Dr. S. U. Muthunagai, Asso Prof/CSE, Ms. J. Buvana, Ms. S. Poorani, Ms. R. Iyswarya, Mrs. Rupa Kesavan, Dr. M.S. Girija, Assistant Prof/ CSE, completed NVIDIA DLI Certification on Fundamentals of Deep Learning during October 2023.

Dr. T. Padmavathy, Assoc. Prof/CSE attended 2 days workshop on “Block Chain Technology and Data Analytics” organized by the Department of Computer Science and Engineering, SVCE on 30/10/2023 and 31/10/2023.

FACULTY PARTICIPATIONS

Dr. T. Padmavathy, Assoc.Prof/CSE has completed “5 days FDP on Building Advanced Data Analytics Applications with Cloud” under Next Gen Employability Program conducted by EduNet Foundation in association with AICTE, ATAL, EY and Skill India from 16-10-2023 to 20-10-2023(Certificate No. NGEP23_13903).

Dr. S. Rajalakshmi, Asso. Prof/CSE, Ms. J. Buvana, Assistant Prof/CSE, acted as Oral Panel Examiner for NPTEL Courses for III & IV Year students of ECE dept, SVCE on 10-10-2023 & 11-10-2023.

Ms.G.Janakasudha Assoc. Prof/CSE, Mr.K.Srinivasan Asst. Prof/CSE, Ms.S.Poorani Asst. Prof/CSE coordinated and organized 24 Hours Smart India Internal Hackathon 2023 on 23 and 24 September 2023 at Sri Venkateswara College of Engineering, Sriperumbudur, Chennai.



FACULTY PARTICIPATIONS

Ms.S.Poorani Asst. Prof/CSE, was appreciated for mentoring in the Internal Hackathon - Smart India Hackathon 2023 (24 Hours) held on 23 and 24 September 2023 organized by Sri Venkateswara College of Engineering, Sriperumbudur, Chennai.

Ms.S.Poorani Asst. Prof/CSE acted as an Evaluator on Smart India Internal Hackathon 2023 (24 Hours) held on 23 and 24 September 2023 organized by Sri Venkateswara College of Engineering, Sriperumbudur, Chennai.

P. Selvamani, Asst. Prof/CSE, attended Two-day Workshop on “Blockchain Technology and Data Analytics” during 30/10/2023 & 31/10/2023 Organized by the Department of Computer Science and Engineering, Sri Venkateswara College of Engineering.



Certificate of Participation

FACULTY PARTICIPATIONS

Dr. P. Geetha AP/CSE, attended a 2 days workshop on "Block-chain Technology and Data Analytics" from 30 and 31st October 2023 organized by the department of Computer Science and Engineering, Sri Venkateswara College of Engineering, Chennai.

Mrs. P. Uma, AP/CSE, completed 5 days Faculty Development Program on "Building Advanced Data Analytics Applications with Cloud" under Next Gen Employability Program from 3-10-23 to 07-10-23. Participated in 15 Hours Faculty Development Program on Salesforce Administrator (Online FDP) conducted by ICT Academy on 11 Sep 2023 to 15 Sep 2023.



Certificate of Participation

FACULTY PARTICIPATIONS

Mrs. P. Uma, Asst. Prof/CSE participated in 15 Hours Faculty Development Program on Salesforce Administrator (Online FDP) conducted by ICT Academy on 11 Sep 2023 to 15 Sep 2023.

Ms. R. Poorni Asst. Prof/CSE has attended One week Faculty Development Program on “Recent Trends in Computation 3.0” organized by the Department of Computer Engineering, Vishwakarma Institute of Technology, Pune, from 9th to 13th October 2023.

Ms. R. Poorni Asst. Prof/CSE has attended One week Faculty Development Program on “Microsoft Azure AI Engineer Associate” conducted by the ICT Academy, R.M.K. Engineering College, from 3rd to 7th October 2023.

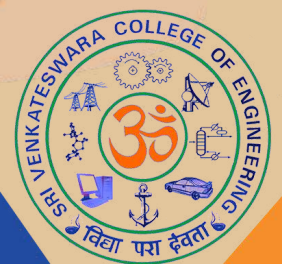
Ms. R. Poorni Asst. Prof/CSE has completed online course on Artificial Intelligence in Microsoft.



RESEARCH ACTIVITIES



**ACADEMIC YEAR
2023-2024**



RESEARCH ACTIVITIES



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: Artificial Intelligence, Machine Learning, Intelligent Networks, Internet-of-Things.



RESEARCH ACTIVITIES



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.



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

FACULTY PUBLICATIONS

Dr. R. Anitha Prof & HoD/CSE, Dr.S.U.Muthunagai Assoc. Prof/CSE, Ms.R.lyswarya Asst Prof/CSE, Mr.S.Suriya (Student), Mr. Rajamanikandan (Student), has published a paper entitled “online proctoring using eye gaze tracking and head pose estimation” in Goya Journal, Volume 16, Issue 10, October 2023.

Dr. R. Anitha Prof & HoD/CSE, Dr. S. U. Muthunagai Assoc. Prof/CSE, M. Akshaya , B. Aiswarrya, published a paper titled “Machine Learning Approach to Predict the Risk of Coronary Heart Disease”, in International Journal of Intelligence Multidisciplinary Engineering Research, Vol. 1 (3), pp: 01-04, Oct 2023.



CLUB ACTIVITIES



CLUB CSE-BYTES ACTIVITIES

ACE – Association Of Computer Engineers

Coordinators:-

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

INAUGURATION OF ACE & GUEST LECTURE on BACK TO BASICS

The Association of Computer Engineers (ACE) at the Department of Computer Science and Engineering (CSE) in Sri Venkateswara College of Engineering (SVCE) marked the beginning of the 2023-2024 academic year with an inaugural event on October 25th, 2023. This event was inaugurated by Mr. M. Adithya, member technical staff at Zoho Pvt. Ltd., Chennai, who presently holds multiple key positions, including Product Design Engineer, Product Security Expert, and Product Compliance Manager. It was attended by several students, club members, and respected faculty members



Glimpse of ACE Inauguration

CLUB CSE-BYTES

ACTIVITIES

ACE – Association Of Computer Engineers

The Chief Guest presenting the members with badges

The dignitaries and the students were welcomed cordially by Mr. Soorya Balakrishnan, President of ACE. The ACE Annual Report was then presented by Mr. Adhitharajan, the Vice-President of ACE, which included the memorable events from the previous academic year, 2022 - 2023. The head of the Department Dr. R. Anitha, delivered a speech to mark the initiation of the club into yet another auspicious year. The ACE Core, Design and Web Team for the academic year 2023 - 2024 were introduced by Ms. G. Janakasudha, Coordinator of ACE. A badge distribution ceremony was held with the esteemed guest speaker Mr. M. Adithya handing out the badges to the club members. After this, the attendees were treated to a brief video showcasing the activities of ACE during the academic year 2022-2023. The chief guest was then introduced to the audience by Ms. Niyas Ahamed, the Vice President of ACE.



ACE TEAM 2023-24

ACTIVITIES

ACE – Association Of Computer Engineers

Following this, guest speaker Mr. M. Adithya, a proud alumnus of CSE (2017 Batch) and a technical staff at ZOHO, led an insightful presentation on going back to basics. His presentation addressed a wide range of fascinating themes, including the value of having a solid foundation in fundamental subjects, placement advice, and interview success. Following that, there was an interactive session where students had the opportunity to pose the



Following this, the Head of the Department Dr. R. Anitha presented the chief guest with a memento. Then the Vote of Thanks was given by Ms. Preethi, Head of Marketing and Outreach Team. The event was met with extremely positive feedback from the students and marks the beginning of yet another triumphant year for ACE.



CLUB CSE-BYTES

ACTIVITIES

KNOW-I

Co-ordinators

**Dr.T.Padmavathy , Associate Professor/CSE and
Ms.V.Radha, Assistant Professor/CSE.**

Objective:

KNOW-I research forum aims at imparting and enhancing knowledge in the field of Artificial Intelligence, Machine learning, Deep learning, and Computer vision for the students of Sri Venkateswara College of Engineering. One of the priorities is to encourage students to get involved in research-based activities. To achieve this, the forum has an exuberant team consisting of faculty and students to organize competitions, workshops, project presentations, hackathons etc. The club acts as a platform for the students, faculty, and industry experts to share their experiences and work collaboratively to provide intelligent solutions for real-world problems with Dr.T.Padmavathy, Assoc. Prof/CSE and Ms.V.Radha, AP/CSE as Faculty Coordinators of the club.

Outcome:

To keep the students updated with the current technological trends and make them competitive and industry ready through various activities.



CLUB CSE-BYTES

ACTIVITIES

KNOW-I

Analytic Showdown

KNOW-I club of the Department of Computer Science and Engineering, successfully conducted the flagship event "Analytic Showdown" on 28th and 29th October.

On the first day of the event we had 23 enthusiastic teams in the battle. Out of these 23 teams, 6 teams were filtered based on their presentation by our honorable judges Ms. Benita Majo, Ms. Amirta Josna and Mr. Shahid Ahmed M S.

Day 2 began with a battle among the top 6 teams. At the end of day 2, top two teams were shortlisted by Mr. Madhan Ram R. Arumugam, Mr. Vasanth V and Mr. Vishal R and announced as winners of the big day. Our sincere thanks to Mr. Madhan Ram R. Arumugam our chief guest for making this event a grand success.



Glimpse of "Analytic Showdown"

CLUB CSE-BYTES ACTIVITIES

C2C – Compete to Compute Club

Coordinators:-

Dr P Vinothiyalakshmi ASP/CSE Mr P Selvamani AP/CSE

Objective of the Club:

Objective of the club is to providing the necessary skills and confidence to face the industrial environment without any fear and conquer their wildest dreams in the upcoming future.

Outcome of the Club:

Club members were able to strengthen their programming abilities in preparation for placements and learned the skills required to participate in hackathons, coding events, conferences, and other events.



CLUB ACTIVITIES

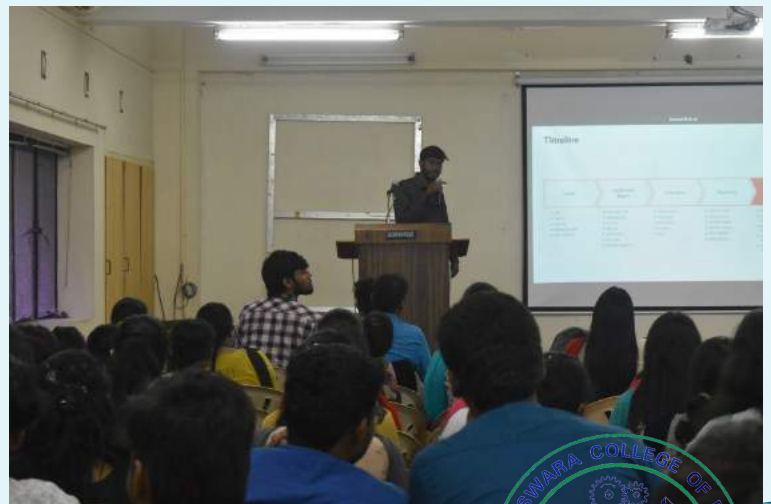
C2C – Compete to Compute Club

Activities Conducted:-

Conducted the seminar “Data Science” on 17-10-2023.



Glimpse of “Data Science” Seminar



ACTIVITIES

INDUSTRY INSTITUTE INTERACTION CELL (IIIC)

Co-ordinators

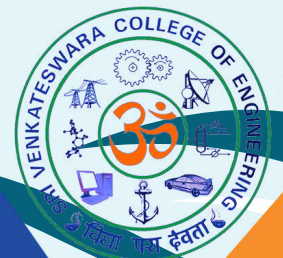
Dr. T. Rajasekaran, Associate Professor/CSE

Objective:

- To bridge the gap between the industry and the academia.
- To Evolve educational programmes which are consistent with the broad requirements of the industry and which can give rise to engineering personnel capable of coping-up with the accelerating pace of the technological development.
- To create adequate facilities of updating knowledge of professional engineers and technologists to meet growth and developmental needs of the industry.
- To coordinate the research and developmental activities of the two systems

Outcome:

- Participation of Industrial expertise in curriculum reorientation
- Exchange of experts between industry and institute
- Institute as a consultant in R&D.
- Establishment of linkage (MoU) and so on.



CLUB ACTIVITIES

Cyber Hub

Co-ordinators

Dr. M. Suresh Kumar, Associate Professor/CSE

SVCE Cyber Hub is run by students to bits of helping fellow students in order to foster their creativity and overall well-being. We Intend to support students who are interested in and committed to pursuing careers in the field of cyber security and networking. We arrange various technical events and provide resources that assist students to learn about these disciplines conceptually and practically. We also provide webinars, seminars, hands-on sessions, and other few events so that students may have practical experience with what they have studied theoretically.



INDUSTRIAL VISITS



INDUSTRIAL VISITS

The Department of Computer Science and Engineering, Sri Venkateswara College of Engineering organized an Industrial Visit for students of III year CS-'A' and III year AD to ISRO, Sriharikota, Andhra Pradesh on 31-10-2023.

Faculty Incharge:

1. Dr. S. U. Muthunagai Assoc. Prof./CSE
2. Dr. M.S. Girija, AP/CSE
3. Dr. S.D. Nandakumar, AP/CSE
4. Mr. M. Lakshmanan, AP/CSE.



INDUSTRIAL VISITS

The Department of Computer Science and Engineering, Sri Venkateswara College of Engineering organized an Industrial Visit for students of II Year - CS 'C' Section to VyVoxel India, Pvt. Ltd, Chennai on 09-10-2023.

Faculty members:

1. Dr. S. Rajalakshmi, Assoc. Prof/CSE
2. Mr.V. Krishnamoorthy, Asst.Prof/CSE



INDUSTRIAL VISITS

The Department of Computer Science and Engineering, Sri Venkateswara College of Engineering organized an Industrial Visit for students of II Year - CS 'B' Section to VyVoxel India, Pvt. Ltd, Chennai on 10-10-2023.

Faculty members:

1. Dr. N. Revathi, Assoc.Prof/CSE
2. Dr. S.D. Nandakumar, Asst. Prof/CSE

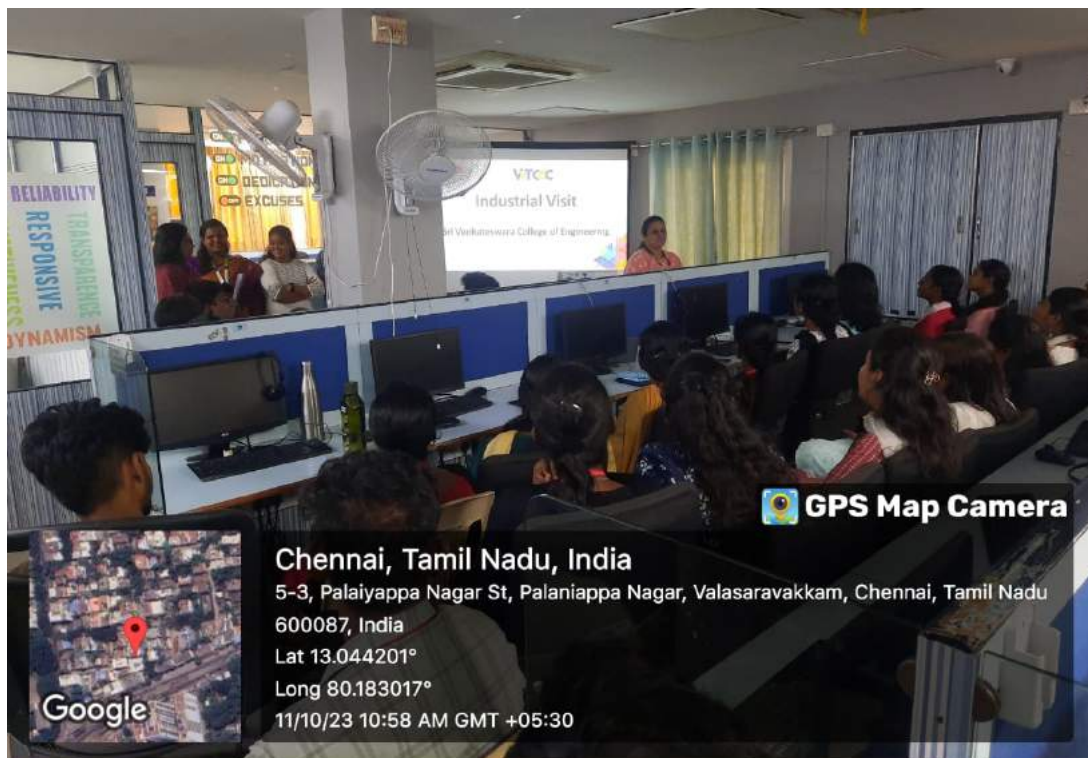


INDUSTRIAL VISITS

The Department of Computer Science and Engineering, Sri Venkateswara College of Engineering organized an Industrial Visit for students of II Year - CS 'A' Section to VyVoxel India, Pvt. Ltd, Chennai on 11-10-2023.

Facult memers:

1. Dr.V. Rajalakshmi, Asso. Prof/CSE
2. Mr.G.Ilamurugan, Asst. Prof/CSE



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COMPUTER SCIENCE AND ENGINEERING

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