



SVCE | Sri Venkateswara
College of
Engineering

SVCE IQAC
Consciousness for Quality

DEPARTMENT
OF
COMPUTER SCIENCE AND ENGINEERING



NEWSLETTER
MARCH 2023
(VOL. 6, ISSUE 3)



CSE-BYTES



DEPARTMENT OF
COMPUTER SCIENCE AND ENGINEERING

CSE - BYTES



NEWSLETTER
ACADEMIC YEAR: 2022-2023
VOLUME 6, ISSUE 3
(MARCH 2023)



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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

ABOUT THE DEPARTMENT

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.

MESSAGE FROM HOD

Dr. R. Anitha

Professor/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 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

STUDENT ACHIEVEMENTS

STUDENT PARTICIPATION

Mr. A. Deepak Victor, Mr. V. Kesavaram, III/AD, has won third prize in “HACKELITE” a 24 hours inter department hackathon organised by the Department of Electronics and Communication Engineering in collaboration with ECE Alumni Association on 06/03/2023 and 07/03/2023.

Mr. Deepak Victor, III/AD, got an internship offer from Rapid Acceleration Partners for the period of 12 months from June 1st, 2023 in RAP Hackathon organised by FORESE on 9/03/2023.

Mr. S. ASHIK MEERAN MOHIDEEN, IV/CS, has published a Tamil Article in Ilaiyor Murasu during March 2023.

Mr. B. Sai Sriraman, II/CS, (Team Name - Rebooters) got the Third Place in HACKELITE - HARDWARE CATEGORY, HACKELITE(24 hours Hackathon) conducted by Department of Electronics and Communication Engineering, Sri Venkateswara College of Engineering from 06/03/2023 and 07/03/2023.

Mr. S. Santhosh, II/CS, has participated in HACKELITE - HARDWARE CATEGORY, HACKELITE(24 hours Hackathon) conducted by Department of Electronics and Communication Engineering, Sri Venkateswara College of Engineering from 06/03/2023 and 07/03/2023.

STUDENT ACHIEVEMENTS

STUDENT PARTICIPATION

Mr. Kolla Mohan Rao and Mr. M. Kishan III/CS won the Third Prize in Student's Research Day and presented the title SVCE Bot conducted by SVCE on 30th March 2023.

Ms. E. Janani, Ms. C. Guhapriya, Ms. G. Durga II/CS, has participated in the event Womana organized by ACE on 20-03-2023.

Mr. V. Gokul Kannappan II/CS, has participated and Won 2nd prize in the model phobus cartel conducted by IEEE on 24th March 2023.

Mr. R. Dinesh Kumar, Ms. S. Harrshithaa, II/CS, participated in the model phobus cartel conducted by IEEE on 24th March 2023.

Mr. N. Gokul, Mr. R. Gokul Nambiar, Ms. T. S. Girisha, II/CS, has participated in the event Quiz box organized by cyber hub on 15-03-2023.

Ms. G. Durga, II/CSE, has participated in the event Codestrom conducted by ACM on 12.03.2023.

Ms. S. Harrshithaa, II/CS, has participated in the paradoxx event organised by the ACM-Won 18-03-2023 and was volunteered in a project HEPARACT - A initiative for World Rotaract week which includes many other projects.

STUDENT PARTICIPATION

Mr. Jai Ganesh, II/CS, done a project HEPARACT - A initiative for World Rotaract week which includes many other projects.



Mr. Mohan Vamsi, II/AD, received the participation Certificate for the technical event called MPC 2.0 conducted by the IEEE club ,SVCE on March 24,2023.

Ms. J. K. Raaga Priya J, Ms. S. Sahana, II/AD, Ms. S. Fathima Afra, II/IT, received a certificate of participation in recognition of her active and invaluable participation in the SVCE INNOVATES 2023 - STUDENTS' RESEARCH DAY on March 30,2023.

Ms. R. Nivetha, II/AD, has received a certificate of Achievement for exhibiting an exemplary performance by winning SECOND place in the event, CRACK the LOCK at INTERRUPT'23 organized by the Association of Computer Engineers, Department of Computer Science Engineering held on March 31, 2023 at SVCE.

STUDENT ACHIEVEMENTS

STUDENT PARTICIPATION

Mr. S. Sharan Balaji, II/CS, got the First Place in Group Singing, Enthral 2023 conducted by Alpha College of Engineering from 20/03/2023 to 21/03/2023.

Ms. K. Trisha, Ms. S. K. Sangeetha, Mr. M. S. Shahid Ahmed, III/CS, participated and won First place with the cash prize of Rs.2000 in FUERZA'23 HACK-A-THON which was organized by the Department of ECE, Panimalar Engineering College from 13th-16th March 2023.

Ms. S. Nivetha, A. R. Sathiya, I/CS, won first place in the event "Present at the moment" at INTERRUPT'23 organized by the Association of Computer Engineers, Department of Computer Science and Engineering, Sri Venkateswara College of Engineering on 31st March 2023.



Certificate of Appreciation



STUDENT ACHIEVEMENTS

STUDENT PARTICIPATION

Mr. S. Muralidharan, Mr. A. R. Mohameed Kaleemullah, I/CS, presented a project titled "IoT based Fire Indication System in Farm Land" and secured III Prize in Students' Research day conducted by Sri Venkateswara College of Engineering on 30th March 2023.



Certificate of Appreciation

Mr. A. Shri Hari, I/CS, have participated in Make-a-thon 4.0 conducted by Department of ECE, SVCE on 31st March and 1st April 2023.

Mr. A. H. Murahari, Mr. A. K. Shreemirrah, who were supervised by Ms. R. K. Kapila Vani, AP/CSE, presented a project titled "Smart Waste Management" and they have won Second prize in students research day at SVCE.

Mr. P. B. Akaash, II/AD, has won 1 st Prize in Debate-ch event, National Level Technical Symposium - Interrupt' held on 31/03/2023 conducted by Association of Computer Engineers, SVCE.



STUDENT ACHIEVEMENTS

STUDENT PARTICIPATION

Team comprising IV CS students **Mr. V. Adityan [Team lead], Mr. I. Abdul Rehman, Mr. G. Barath Kailash and Mr. A. R. Jagadeshwaran**, mentored by **Dr. R. Jayabhaduri, Prof. /CSE**, for the project titled “Industry-Specific Intelligent Fire Management System” emerged as winner for the Regional Finale (Chennai Region), held on March 4, 2023 at St. Joseph Institute of Technology, Chennai for the Tech Showcase “Umanage 2023” organized by ICT academy in association with the Department of Information Technology & Digital Services, NASSCOM, IBM, TNSDC and Anna University under the Naan Mudhalvan initiative.



“Industry-Specific Intelligent Fire Management System”, winner for the Regional Finale (Chennai Region)



STUDENT ACHIEVEMENTS

STUDENT PARTICIPATION

Final IV year Undergraduate CS students **Mr. V. Adityan [Team lead]**, **Mr. I. Abdul Rehman**, **Mr. G. Barath Kailash** and **Mr. A. R. Jagadeshwaran**, mentored by **Dr. R. Jayabhaduri, Prof. /CSE**, participated in the Umanage 2023 TechShowcase, Nalaiya Thiran Initiative organized by ICT Academy in association with the Department of Information Technology & Digital Services, NASSCOM, IBM, TNSDC and Anna University at Chennai Trade Center, Nandambakkam on March 25,2023 for the project titled "Industry-Specific Intelligent Fire Management System". Our students received their appreciation certificate from Dr. Ranjani Parthasarathi Madam, Professor, Department of Information Science and Technology, Anna University, Chennai campus and Ms.Latha Raj, Senior Program Director, IBM India.



Umanage 2023 TechShowcase, Nalaiya Thiran Initiative

STUDENT ACHIEVEMENTS

STUDENT PARTICIPATION

Mr. V. Suraj, III/AD, has participated in the Polkadot Europe Edition Hackathon and won second prize in the Interfaces and Experiences category. He has bagged a total prize amount of 1100 USD. The preliminary round of the competition was held online from 26th January 2023 to 17th February 2023, where over 2400 participants from various parts of the world developed projects for their respective categories. On March 1st, the finalists were announced, and his project was one among them. The final round was held on 22nd March 2023 at Pan Piper in Paris, France.



Glimpses of Polkadot Europe Edition Hackathon

STUDENT ACHIEVEMENTS

STUDENT PARTICIPATION

Mr. M. S. Kiran (Team Leader), I/AD, Mr. Z. Mohammed Ghayaz, I/AD, Mr. R. S. Akeel Ahamed, I/CS, Mr. M. Abhinav, I/AD, Mr. K. L. Monigha Rajam, I/AD, Mr. N. S. Sudarshan - I/CS, team Peaky Blinders have secured second place with a cash prize of Rs.7000 in the 24 hour MAKE-A-THON 4.0 conducted by the Department of ECE, SVCE on 31-03-2023 and 01-04-2023.



Certificate of Appreciation



Mr. Kolla Mohan Rao, III/CS, Mr. Ganesh Sriram, II/AD, have successfully developed and integrated an app named " SVCE-BOT" on our college website.



STUDENT ACHIEVEMENTS

Mr. Kolla Mohan Rao, Mr. M. Kishan, III/CS, participated in National Entrepreneurship Conclave 2023 held at LEAD College of Management, Dhoni Palakkad on 8th to 10th March 2023.



Certificate of Appreciation

STUDENT ACHIEVEMENTS

Mr. C. Praveen and Mr. V. B. Prasanna, II/CS, as a team have won 1st place in the event “web Worx” at Interrupt’23 at SVCE on 31/03/2023.

Ms. M. Lakshitha, Mr. D. Naveen, and Ms. U. Neha, II/CS, on the whole as a team have won 3rd place in "SVCE INNOVATES" at SVCE on 30/3/2023



Lakshitha M , Naveen D, and Neha U 3rd place in "SVCE INNOVATES "

Placement Activities

PLACEMENT EVENTS

1. **Ms. Keerthana, III/CSE** got placed in Guvi Geek Network Private Limited, during the recruitment process held on 01 st March 2023.
2. Seminar and Fair on “**Higher Educational Opportunities in Abroad**”, organized by TPC held on 6 th March 2023, various foreign universities were visited our campus. Option B students of 3 rd year CSE and AI& DS were attended the event.
3. **Rapid Acceleration Partners hackathon 2023**, held on 09th March 2023 in Placement cell, SVCE,
Winners
1st Price: (3rd year ADS)
Srirangan.K
Venkat.P.R
2nd Price: (3rd year CSE)
Maneesh
Mohamed Nooh
Internship Offer
Venkat.P.R(ADS)
Mohamed Nooh(CSE)
Deepak (ADS)
4. **Casa Retail AI** visited our campus for placements on 17 th March 2023 for pre final year students’ recruitment.
5. **Flixjini Pvt., Ltd.** Campus placements held on 17 th March 2023
6. **Skill Vertex** campus placements held on 20 th March 2023.
7. **Mock Placements** organized by TPC for pre final year students of CSE and AI& DS in online mode on 26 th March 2023.
8. Technical talk on, “**The Future of AI and Industry Applications**” by experts for CTS was held on 29th March 2023 for CSE , AI& DS Pre final year students.

Faculty Interactions & Achievements

FACULTY INTERACTIONS

Events Organized

Dr. R. Jayabhaduri, Prof. /CSE, Dr. N. M. Balamurugan, Prof. /CSE, Ms. V. Rajalakshmi, Assoc. Prof. /CSE, Ms. G. R. Khanaghaavalle, AP/CSE, organized a National Workshop on “How to Build Your Own Drone” in association with Copter Tech Company Foundation during March 20-21,2023 at Seminar Hall, Dr. A C Muthiah Central Library for the Undergraduate students of all branches. Resource Person for the workshop is Mr.K.Ramsudhan, Founder, Copter Tech and Mr.P.Sathiya, Drone Pilot, Copter Tech. 78 students attended the workshop.



Glimpse of National Workshop on “How to Build Your Own Drone”

FACULTY INTERACTIONS

Events Organized

Dr. J. M. Gnanasekar, Prof. /CSE, Dr. P . Janarthanan, Prof. /CSE, Dr. T. Rajasekaran, Assoc. Prof. /CSE, Mr. K. Srinivasan, AP/CSE, Ms. S. Yuvaprabha, AP/CSE, Coordinated a program "A Pathway To Higher Studies Abroad-A Career Guidance" on Mar 9-12,2023 for the SVCE students.

Ms. S. Rajalakshmi, Dr. N. Rajganesh, Dr. D. Vinodha, Ms. J. Buvana, Ms. T. Padmavathy, organized the Five Days Online Short Term Training Programme on “ROLE OF MATHEMATICS IN MACHINE LEARNING” held from 23rd to 28th March 2023 in the Department of Computer Science and Engineering, Sri Venkateswara College of Engineering.

Ms. J. Buvana, AP/CSE, has organized an Industrial Visit for the students of II/AD and III/CS at Sansbound, The Networking School, Kodambakkam, Chennai during the period 08/03/2023 to 10/03/2023.

Dr.T. Rajasekaran, Assoc. Prof/CSE, Mr. M. Suresh Kumar, Assoc. Prof/CSE, Mr. P. Selvamani, AP/CSE, has organized a One day Guest Lecturer on “Math behind Data Science” on 16.03.2023.

Ms. Janani, AP/CSE, has organized an Industrial Visit for II Yr AD and III yr CSE students at Sansbound, The Networking School, Kodambakkam, Chennai, during 08/03/23 to 10/03/2023.

FACULTY INTERACTIONS

Events Attended

Dr. R. Anitha, Prof. & Head /CSE, attended five day online Short term Training Program on “Role of Mathematics in Machine Learning” conducted by the Department of Computer Science and Engineering, Sri Venkateswara College of Engineering, Sriperumbudur from 23rd March to 28th March 2023.

Dr. R. Jayabhaduri, Prof. /CSE, has attended an Online 3-Day Faculty Development Programme on "Exploring Next Generation Smart Solutions (ENGSS 2023)" organized by the department of Information Technology, SSN College of Engineering, Kalavakkam during March 6 - 8, 2023.

Dr. R. Jayabhaduri, Prof. /CSE, has attended a workshop on "Machine learning for building Intelligent Systems" Co-located with IEEE Wiscon 2023, organized by the department of Information Technology, SSN College of Engineering, Kalavakkam on March 15,2023.

Dr. R. Jayabhaduri, Prof. /CSE, has attended an Online Five-day International Short-Term Training Program on “Advanced Approaches and Insights on Artificial Intelligence and Deep Learning in Health Care” organized by the department of Electronics and Communication Engineering, Sri Venkateswara College of Engineering, from March 27,2023 to March 31,2023.

Dr. P. Vinothiyalakshmi, Assoc. Prof. /CSE, has attended a short term training programme on "Role of Mathematics in Machine Learning", Department of Computer Science and engineering, Sri Venkateswara College of Engineering from 23/03/2023 to 28/03/2023.

Ms. S. Rajalakshmi, Assoc. Prof. /CSE, has attended a Five-day online STTP on "Future Technologies: Insights and Challenges", conducted by Dept. of CSE, SVCE from February 20, 2023 to February 24, 2023.

Ms. S. Rajalakshmi, Assoc. Prof. /CSE, has attended a Five-days International online STTP on “Advanced Approaches and Insights on Artificial Intelligence and Deep Learning in Health Care”, conducted by Dept. of ECE, SVCE from March 27, 2023 to March 31, 2023.

FACULTY INTERACTIONS

Events Attended

Ms. J. Buvana, AP/CSE, has attended an International Online STTP on “Advanced Approaches and Insights on Artificial Intelligence and Deep Learning in Health Care”, conducted by Dept. of ECE, SVCE from March 27, 2023 to March 31, 2023.

Ms. S. Poorani, AP/CSE, has participated and successful completed 5-day Online FDP on “Inculcating Universal Human Values in Technical Education” organized by AICTE from 30th January - 3rd February 2023.

Ms. S. Poorani, AP/CSE, has participated in the 50th Edition of Bridge 2023 (A High Impact Industry-Institute Event of India) organized by ICT Academy held on 14th March 2023 at Chennai Trade Centre, Chennai.

Ms. S. Poorani, AP/CSE, has attended five-days International short-term training program on “Advanced Approaches and Insights on Artificial Intelligence and Deep Learning in Health Care”, in SVCE during the period 27.03.2023 to 31.03.2023.

Ms. S. Poorani, AP/CSE, Participated in 3 day Online FDP on "Exploring Next Generation Smart Solutions" organized by the Department of Information Technology, Sri Sivasubramaniya Nadar College of Engineering during March 06-08 2023.

Ms. R. Iyswarya, AP/CSE, presented a paper titled “EVADING EDOS ATTACK USING LATTICE BASED MULTIWAY HANDSHAKE PROTOCOL “ in the 3rd international conference on Artificial Intelligence and Smart Computing held from 09-03-2023 to 11-03-2023 at Bannari Amman Institute of Technology, Sathyamangalam.

Ms. R. Iyswarya, AP/CSE, attend the five-days International short-term training program on “Advanced Approaches and Insights on Artificial Intelligence and Deep Learning in Health Care”, SVCE during the period 27.03.2023 to 31.03.2023.

Mr. R. Senthil kumar, AP/CSE, has participated in 3 Day Faculty Development Program on Emotional Intelligence conducted by ICT Academy on 09 Mar 2023 to 11 Mar 2023 at Kings Engineering College, Kanchipuram.

Mr. R. Senthil kumar, AP/CSE, has participated in 5-DAY STTP on Role of Mathematics in Machine Learning " from 23rd March 2023 to 28th March 2023 at SVCE.

FACULTY INTERACTIONS

Events Attended

Mr. R. Senthil kumar, AP/CSE, has Participated in five-days International short-term training program on “Advanced Approaches and Insights on Artificial Intelligence and Deep Learning in Health Care” from 27.03.2023 to 31.03.2023 at SVCE.

Dr. M. S. Girija, AP/CSE, has attend the five-days International short-term training program on “Advanced Approaches and Insights on Artificial Intelligence and Deep Learning in Health Care”, SVCE during the period 27.03.2023 to 31.03.2023.

Ms. Rupa Kesavan, AP/CSE, has attended an 3 days Induction Programme conducted by Centre For Research CEG Anna University Chennai during the 23rd, 24th and 25th March 2023.

Ms. Rupa Kesavan, AP/CSE, has attended a five days International short-term training program on “Advanced Approaches and Insights on Artificial Intelligence and Deep Learning in Health Care” from 27.03.2023 to 31.03.2023 conducted by SVCE.

Dr. P. Geetha, AP/CSE, has participated One Week International Webinar Series on “Emerging Research Trends in Computer Science and Technology” organized by the Department of CSE, SRM Institute of Science and Technology, from 20/2/2023 to 24/2/2023.

Dr. P. Geetha, AP/CSE, has participated in the Faculty Development Programme (FDP) on Exploring Next Generation Smart Solutions (ENGSS 2023)" conducted by the Department of IT, SSN College of Engineering, Chennai from 6 to 8 March, 2023

Dr. P. Geetha, AP/CSE, has participated in the FDP on Advanced Approaches and Insights on Artificial Intelligence and Deep Learning in Health Care”, organized by the Department of ECE,SVCE from 27 to 31, March 2023.

Ms. R. K. Kapila Vani, AP/CSE, has participated One Week International Webinar Series on “Emerging Research Trends in Computer Science and Technology” organized by the Department of CSE, SRM Institute of Science and Technology, from 20/2/2023 to 24/2/2023.

FACULTY ACHIEVEMENTS

Events Attended

Ms. R. K. Kapila Vani, AP/CSE, has participated in the Faculty Development Programme (FDP) on Exploring Next Generation Smart Solutions (ENGSS 2023) conducted by the Department of IT, SSN College of Engineering, Chennai from 6 to 8 March, 2023.

Ms. R. K. Kapila Vani, AP/CSE, has participated in the FDP on Advanced Approaches and Insights on Artificial Intelligence and Deep Learning in Health Care”, organized by the Department of ECE,SVCE from 27 to 31, March 2023.

Ms. T. Padmavathy, AP/CSE, has attended the five-days International short-term training program on “Advanced Approaches and Insights on Artificial Intelligence and Deep Learning in Health Care” from 27.03.2023 to 31.03.2023.

Ms. S. Janani , AP/CSE, has attended the five-days International short-term training program on “Advanced Approaches and Insights on Artificial Intelligence and Deep Learning in Health Care” from 27.03.2023 to 31.03.2023.

Ms. P. Uma, AP/CSE, has attended “Five Days Online Short Term Training Programme on Future Technologies : Insights and challenges” organized by the Department of Computer Science & Engineering, Sri Venkateswara College of Engineering held from 20-02-23 to 24-02-23.

Dr. S. D. Nandakumar, AP/CSE, attended Five Days Online Short Term Training Programme on “Role of Mathematics in Machine Learning” organized by Department of CSE, SVCE during 23rd March to 28th March 2023.

Dr. S. D. Nandakumar, AP/CSE, attended CSEDU certificate program on “Effective Teaching of Computer Networks” organized by CSEDU, IIIT Delhi and SSN College of Engineering from 2nd March to 1st April 2023.

Ms. Shobhanjaly P Nair, AP/CSE, has attended “Five Days Online Short Term Training Programme on Future Technologies : Insights and challenges” organized by the Department of Computer Science & Engineering, Sri Venkateswara College of Engineering held from 20-02-23 to 24-02-23.

FACULTY ACHIEVEMENTS

Events Attended

Ms. Ajoy Sweetlin Jeena A, AP/CSE, has attended “A Pathway to Higher Studies Abroad” Organised by the Department of Computer Science and Engineering, Sri Venkateswara College of Engineering held from 09-03-23 to 12-03-2023.

Ms. Ajoy Sweetlin Jeena A, AP/CSE, has attended the “Five Days online short-term Training Programme on Future Technologies: Insights and Challenges”, Organised by the Department of Computer Science and Engineering, Sri Venkateswara College of Engineering held from 20-02-23 to 24-02-2023.

FACULTY ACHIEVEMENTS

PATENT

Dr. P. Sharon Femi, Assoc. Prof. /INT, Dr. A. Kala, Assoc. Prof. /INT, Ms. V. Rajalakshmi, Assoc. Prof. /CSE, Ms. G. R. Khanaghaavalle, AP/CSE, Ms. R. Saktheeswari, AP/INT, Ms. M. Harini Padma, II/INT and Ms. L. Krithika, II/INT, has published a patent titled "Smart Electricity Generation using Piezoelectric Effect" on 24th March 2023.

Ms. Shobhanjaly P Nair, AP/CSE, has published a patent "ARTIFICIAL INTELLIGENCE IMPLEMENTATION IN DATA MANAGEMENT SYSTEM WITH DIGITAL CURRENCY IN COMMERCIAL BANKS USING BLOCK CHAIN TECHNOLOGY" with IPR India in 17th Feb 2023.

Dr. T. Rajasekaran, Assoc. Prof. /CSE, Mr. M. Suresh Kumar, Assoc. Prof. /CSE, Ms. S. U. Muthunagai, Assoc. Prof. /CSE, Dr. M. S. Girija, AP/CSE, Ms. R. Iyswarya, AP/CSE, Mr. P. Selvamani, AP/CSE, Mr. Sowmya Narayanan AP/CSE, filed a patent titled "IoT Module for Smart Agriculture Monitoring and Early Flood Detection and Avoidance", in IPR Chennai and the same was published in the Patent Office journal published in 24/3/2023.

FACULTY ACHIEVEMENTS

Guest Lectures Delivered

Mr. K. Srinivasan, AP/CSE, delivered a Guest Lecture "Advanced Object Oriented Concepts" on Mar 27,2023 at D G Vaishnav College, Arumbakkam, Chennai.



Guest Lecture on "Advanced Object Oriented Concepts"

FACULTY ACHIEVEMENTS

Expert Lectures Delivered

Mr. P. Selvamani, AP/CSE, Innovation Ambassador acted as a Session Speaker for One Day Workshop on "Design Thinking, Critical Thinking and Innovation Design" Organized by Institution Innovation Council (IC201810371-IIC-SVCE) for MOE Innovation cell Quarter-II IIC Level -3 Activities on 10-03-2023.



Expert Lecture on "Design Thinking, Critical Thinking and Innovation Design"

FACULTY ACHIEVEMENTS

Projects Mentored

Mr. K. Srinivasan, AP/CSE, mentored the Winning Team “Hextrabyte” for the event HACKELITE conducted on 6,7 Mar 2023 by ECE Dept, SVCE.

Mr. P. Selvamani, AP/CSE, mentored the project title “TEXT SENTIMENT ANALYSIS USING LSTM” for the student research day held on 30-03-2023 at SVCE.

Ms. S. Poorani, AP/CSE, mentored the project titled “Predicting False Data Injection Using Predictive Analytics model” in SVCE Research Innovates’23 held on 30/03/2023 at SVCE.

Ms. R. Iyswarya, AP/CSE, mentored the project title “Online Proctoring using Eye gaze tracking and Head pose Estimation in Cloud Computing” for the student research day held on 30/03/2023 at SVCE.

Ms. R. K. Kapila Vani, AP/CSE, supervised project titled "Smart Waste Management" and they have won Second prize in students research day on 30/03/2023 at SVCE.

Ms. S. Janani, AP/CSE, mentored a project “College TRANSTRACK-A Real Time Solution” proposed by Ms. J. K. Raaga Priya, S. Sahana, II/AD.

RESEARCH ACTIVITIES

RESEARCH ACTIVITIES

REVIEWER CONTRIBUTIONS

Dr. R. Jayabhaduri, Prof./CSE, Reviewer for the journals CMC-Computers, Materials & Continua and Journal on Artificial Intelligence

Dr. N. Rajganesh, ASP/CSE, acted as a reviewer in Multimedia Tools and Applications, Springer and Journal of Ambient Intelligence and Humanized Computing, Springer.

RESEARCH 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, Professor - CSE

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



RESEARCH ACTIVITIES

RESEARCH SUPERVISORS



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.

RESEARCH ACTIVITIES

RESEARCH PUBLICATIONS

Dr. R. Anitha, Prof. & Head /CSE, Ms. R.Iyswarya, AP/CSE, published a paper in the Third International Conference on Artificial Intelligence and Smart Computing held from 09 th March 2023 to 11 th March 2023. Title: Evading EDoS Attack using Lattice based Multi Way Handshake Protocol.

Dr. R. Anitha, Prof. & Head /CSE, Mr. P. Selvamani, AP/CSE, published a paper in the Third International Conference on Artificial Intelligence and Smart Computing held from 09 th March 2023 to 11 th March 2023. Title: Edge Centric Energy Efficient LSTM with Federated Learning Model Based Computation Offloading for IoT Applications.

RESEARCH ACTIVITIES

RESEARCH FUNDING

Dr. N. Rajganesh, ASP/CSE, received a seminar grant of **Rs 48000** from Indian Council of Social Science Research.

Final year UG project Work “Image Processing-Based Machine Vision System For Datum Setting In Computer Numerical Control (CNC) Machine” mentored by **Dr. R. Jayabhaduri, Prof. /CSE** for the team comprising Ms. Sadana U, Mr. B. Sathyavarthan and Shivaneeramesh has been selected for Intramural Funding for an amount of Rs.10,000/-

Ms V P Nivedita, Mr B Lokesh, and Mr P Karthicklakshman, Final year students of the Department Computer Science and Engineering, have received a grant through Tamilnadu State Council for Science and Technology (TNSCST-STUDENT PROJECT SCHEME) for the year 2022-2023. They have received a grant of Rs. 7500 for the project titled “Video conferencing app with Tamil based sign language conversion for hearing and speech impaired people” (Project No. : CSE-1611, S.No. 749). The project is under the guidance of **Dr. D. Vinodha, AP/CSE**.

Mr M Sankaranaryanan, Mr K Srinivasan, and Mr S Tarun, Final year students of the Department Computer Science and Engineering, have received a grant through Tamilnadu State Council for Science and Technology (TNSCST-STUDENT PROJECT SCHEME) for the year 2022-2023. They have received a grant of Rs. 7500 for the project titled “A robot multi label twin SVM based model for firefighting robot” (Project No. : CSE-1616, S.No. 750). The project is under the guidance of **Dr. T. Padmavathy, Assoc. Prof. /CSE**.

RESEARCH ACTIVITIES

RESEARCH FUNDING

Mr V Santhosh Sivan, Mr K Sathish, and Mr V Sathyavarthan, Final year students of the Department Computer Science and Engineering, have received a grant through Tamilnadu State Council for Science and Technology (TNSCST-STUDENT PROJECT SCHEME) for the year 2022-2023. They have received a grant of Rs. 7500 for the project titled “Smart contract based medical supply chain management using blockchain Technology” (Project No. : CSE-1596, S.No. 748).

The project is mentored by **Mrs. R. Poorni, AP/CSE.**

RESEARCH ACTIVITIES

RESEARCH DAY

| S.No/ Batch | Name of the students (UG/PG) | Title | Name of the Mentor |
|----------------|--|---|------------------------|
| 1. | Kiran M.S (I AI&DS), Mohammed Ghayaz Z (I AI&DS) , Abhinav M (IAI&DS) | Fund Trail Analysis Tool(Financial Statement various formats -pdf, csv, etc.,) | Ms.G.JanakaSudha |
| 2. | Muralidharan S (I CSE) , Mohammed Kaleemullah A.R (I CSE) . | IoT based fire indication system in farm land | Dr.N.R.Sheela |
| 3. | Vinochan K.B (II CSE), Naren Surya Sudhakar (II CSE), Yuvaraj K (II CSE) | T&C Optimizer | Dr.P. Vinothiyalakshmi |
| 4. | Vigneshwar R (II CSE), Nandhanan R (II ECE) , Venkata Naga Saiteja Bhumaraju (II CSE) | CYNEURA | Ms.E.Kiruthiga |
| 5. | Naraen Balaji (II CSE) , Hari Prasath (II CSE) , Arumugam R (II CSE) | Blockchain -Based Voting System | Mr.R.Gnanavel |
| 6. | Lakshitha M (II CSE) , Naveen D (II CSE) , Neha U (II CSE) | Web Styling using Human Computer Interaction | Mr.A.S. Vibith |
| 7. | GirishKumar BM (II CSE) , Athish GB (II CSE) | To Use Wind energy to charge Electric Vehicle (EV) while they are in Motion | Mr.R.Gnanavel |
| 8. | Shalini D (II CSE), Sangeetha V (II CSE) , Shafiya Parveen S (II CSE) | College Bus Tracking System | Dr.P.Vinothiyalakshmi |
| 9. | Murahari A H (II AI&DS), Shreemirah A K (II AI&DS) | Smart Waste Management System | Ms.R.K. Kapilavani |
| 10. | Chanakiya Kshatriya A (II CSE), Bhavan Arimaan T (II CSE), Gokul Kannapan (II CSE) | ION Propulsion Engine | Dr.Saravanan Subraman |
| 11. | Pratheek M (II CSE) , Kabilan M (II CSE) , Mythreya S (II CSE) | Towards a Health Body using a Smart Refrigerator | Ms.R.Gayathri |
| 12. | Vignesh M (II CSE) , Shravan V (II CSE) , Srihari V (II CSE) | NaviGo | Dr.P.Vinothiyalakshmi |
| 13. | Jeevasree M (II CSE) , Kavitha R (II CSE), Madhumathi V (II CSE) | The Next Frontier in Drone Technology: The Synergy of AIJOT and Drone Technology for Revolutionizing Automation. | Ms.Ajoe Sweetlin Jeena |

| S.No/ Batch | Name of the students (UG/PG) | Title | Name of the Mentor |
|----------------|---|--|-------------------------|
| 14. | Dinesh (II CSE) , Sredesh (II CSE) , Sreeshu (II CSE) | Reverse Shells with Netcat-Usages,Alternatives and Attack Prevention/Detection | Ms.R.Poorni |
| 15. | Raaga Priya J.K (II AI&DS) , Sahana S (II AI&DS), Fathima Afra S (II IT) | College TRANSTRACK-A Real Time Solution | Ms. S.Janani |
| 16. | Logesh S (II CSE) Lokesh Varathan M (II CSE) Mathivanan R (II CSE) | Blockchain in Electronics supply chain Management | Mr.M.Lakshmanan |
| 17. | Neha Bhende (III CSE) , Pooja T (III CSE) , Lakshmi Sruthi K. (III CSE) | Institutional Research Collaboration-Recommendation Portal | Ms.S.Senthumizh Selvi |
| 18. | Abirami B (III CSE) , Deepika G (III CSE), Haripriya G.S (III CSE) | System to Detect Brand Piracy using Blockchain | Ms.J.Buvana |
| 19. | Harishri S (III CSE) | POTHOLE Detection RoadEasy | Ms.S.Rajalakshmi |
| 20. | Adithyarajen R (III CSE) Adhiyaman GE (III CSE) Aniruth Vel AP (III CSE) | Hostel App | Ms.S.Rajalakshmi |
| 21. | Ajay S (III CSE) Aravind T N C (III CSE) Aravind V (III CSE) | Student Assignment Plagiarism software | Ms.S.Rajalakshmi |
| 22. | Kolla Mohan Rao (III CSE) , Lokesh T. (III CSE), Kishan M (III CSE) | SVCE BOT | Dr.R.Anitha |
| 23. | Anunachala Mani Bavan K. (III CSE) Danush S (III CSE) , Hakash MP (III CSE) | Confidentiality of identity of harassed Womens | Dr.P. Vimothiyalakshmi, |
| 24. | Keerthirajan S (IV CSE) , Mahalakshmi P (IV CSE) , Minu S (IV CSE) | Low Complexity GI Tract Segmentation to Improve Cancer Treatment. | Dr.P.Janarthanan |
| 25. | Mada Hemanth Reddy (IV CSE), Deepak K V (IV CSE), Aravind C (IV CSE) | Text Sentiment Analysis Based on Long Short-Term Memory | Mr.P.Selvamani |
| 26. | Balaji B S (IV CSE) , Shri Rajamanikandan V (IV CSE), Suriya S S (IV CSE) , | Online Proctoring using Eye gaze tracking and Head pose Estimation in Cloud Computing. | Ms.R.Iyswarya |
| 27. | Praveen Kumar K (IV CSE), Revathi E (IV CSE) , SankarLal T E (IV CSE) | Predicting False Data Injection Using Predictive Analytics Model | Ms.S.Poorani |

| | | | |
|----|---|---|------------------|
| 28 | Ashika V (IV CSE) Keerthana Sri S (IV CSE) | Enhancing Data Security in Cloud Storage Using Decentralized Block Chain | Dr. N. Revathi |
| 29 | Rakesh Bala (IV CSE) , Nikhil Stehan Raj B (IV CSE) , Sanjay S S (IV CSE) | Live communication with Lifi and V2V Technology | Ms.S.YuvaPrabha |
| 30 | Jeffrey Joan (IV CSE) Karan Raj P (IV CSE) Lakshman G (IV CSE) | Parkinson's Disease Image Generation using Generative Adversarial Networks and Classification using Convolutional Neural Networks | Dr.P.Janarthanan |

Total number of abstracts: 30
Total number of students: 84
Total number of mentors: 24

CLUB ACTIVITIES

CLUB ACTIVITIES

ACE –Association Of Computer Engineers

Co-ordinators

Mr. K.Srinivasan, Mrs. G. Janakasudha & Ms. A. Ajoy Sweetlin Jeena,
AP/CSE

Objective of the Event : Womania, To conduct Coding event among the Girl students - Interrupt 2023, National Level Symposium

Outcome of the Event : Identify the talent among the students under different events and appreciate their work.



Glimses of Womania

CLUB ACTIVITIES

C2C - COMPETE TO COMPUTE

Co-ordinators

Dr. P. Vinothiyalakshmi, Assoc. Prof. /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.

CHALLENGE N' BUILD – Web design and development Competition conducted on 21/03/2023 from 8.30am to 3.30pm at Video Hall. Around 60 students from various departments were participated.



Glimpses of CHALLENGE N' BUILD

CLUB ACTIVITIES

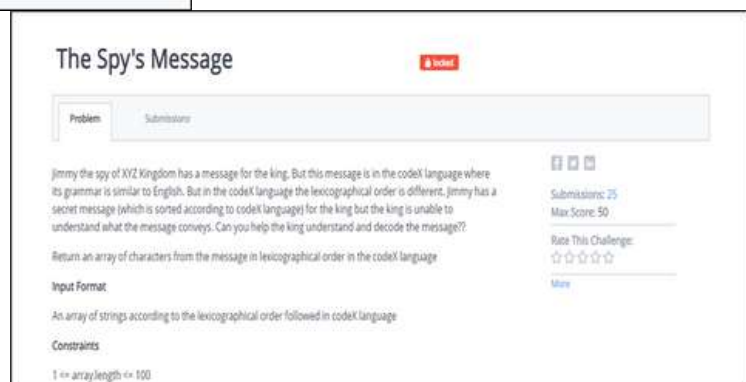
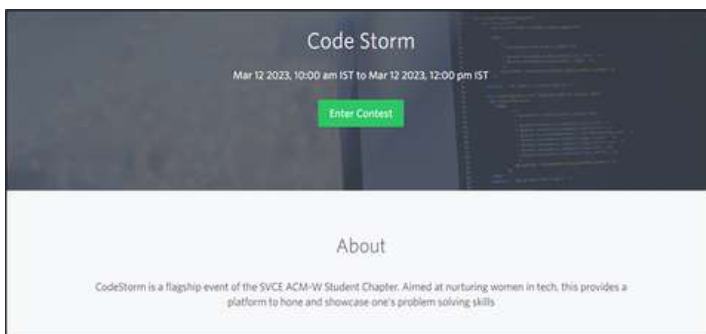
ACM - Association of Computing Machinery, Student Chapter

Co-ordinators

Dr. R. Anitha, Prof. & Head/CSE, Dr. T. Rajasekaran, Assoc. Prof/CSE

In accordance to Women’s Day, the SVCE ACM-W Student Chapter conducted a series of three events (two online and one offline) in the month of March.

The SVCE ACM-W Student Chapter conducted a women only coding event, **CodeStorm**. The event was conducted on 12 th March 2023 on Hackerrank. Out of 55 participants, the winner and the runner-up were awarded a gift voucher of Rs. 1500/- and Rs. 1000/- respectively.



Glimpses of CodeStorm

CLUB ACTIVITIES

ACM - Association of Computing Machinery, Student Chapter

Co-ordinators

Dr. R. Anitha, Prof. & Head/CSE, Dr. T. Rajasekaran, Assoc. Prof/CSE

The Women's wing of the SVCE ACM Student Chapter conducted its first offline quiz event, **ParadoXX** on 16th March 2023.

Open to all women of all departments, the event had 70 participants (35 teams). The event consisted of two rounds and the winning team were awarded a gift voucher of Rs. 500/-



Glimpses of ParadoXX

CLUB ACTIVITIES

ACM - Association of Computing Machinery, Student Chapter

Co-ordinators

Dr. R. Anitha, Prof. & Head/CSE, Dr. T. Rajasekaran, Assoc. Prof/CSE

The SVCE ACM-W Student Chapter organized a webinar on the topic, “Navigating career during uncertain times” on 19 th March 2023. The webinar was addressed by Ms. Latha Satheesh, Principal Director- Accenture and Chair of Women’s Forum- IIA Bangalore.



acm acm-w SVCE SVCE Sri Venkateswara College of Engineering

SVCE ACM-W STUDENT CHAPTER PRESENTS

“Navigating career during uncertain times”

SPEAKER
LALITHA SATHEESH

19th March 2023
7 PM

- Principal Director- Accenture.
- Chairperson for Women's Forum- IIA Bangalore.

REGISTER HERE

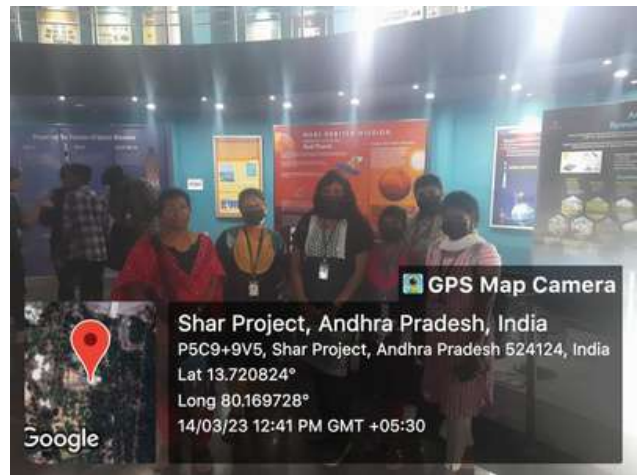
Glimpses of ParadoXX



INDUSTRIAL VISIT

INDUSTRIAL VISIT

The Department of Computer Science and Engineering ,Sri Venkateswara College of Engineering organized an Industrial Visit to **II Year CS-B** Section Students to ISRO, Sriharikota at Andhra Pradesh on 14th March 2023. The Industrial Visit started from SVCE at 6.15 A.M and reached ISRO at 10.00 A.M with the students of II Year CS-B Section (66 Students) with 2 Faculty members, **Dr. P. Vinothiyalakshmi, Assoc. Prof. /CSE, Mr. R. Senthil Kumar, AP/CSE.**

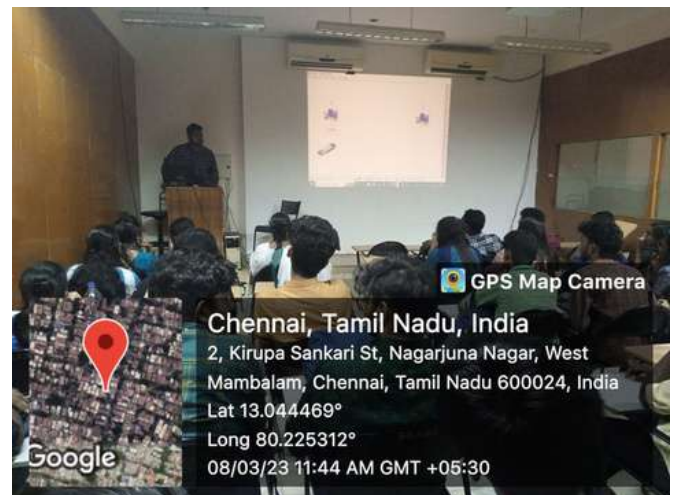


ISRO-Sriharikota, SDSC-SHAR at Andhra Pradesh Branch a Spaceport of India



INDUSTRIAL VISIT

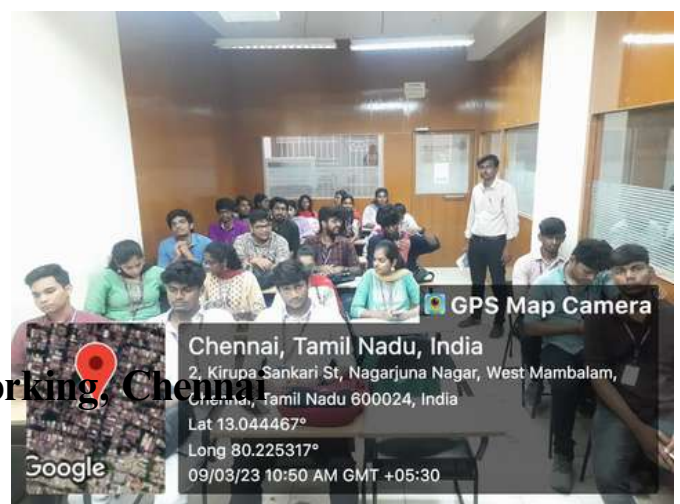
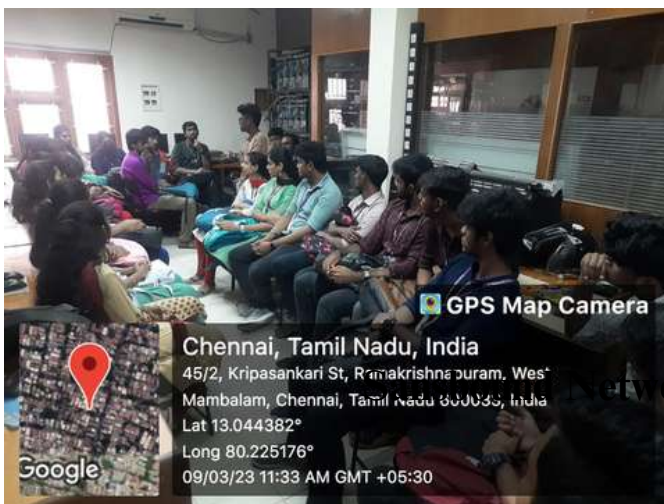
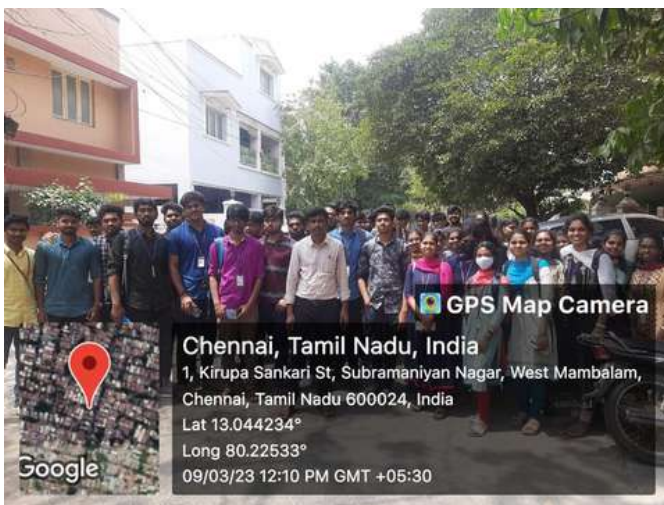
The Department of Computer Science and Engineering ,Sri Venkateswara College of Engineering organized an Industrial Visit to **II Year -ADS** Students to Sansbound Networking, on 8th March 2023 with 2 Faculty members, **Dr. P. Janarthanan, Assoc. Prof./CSE, Ms. K. Uma, AP/CSE.**



Sansbound Networking, Chennai

INDUSTRIAL VISIT

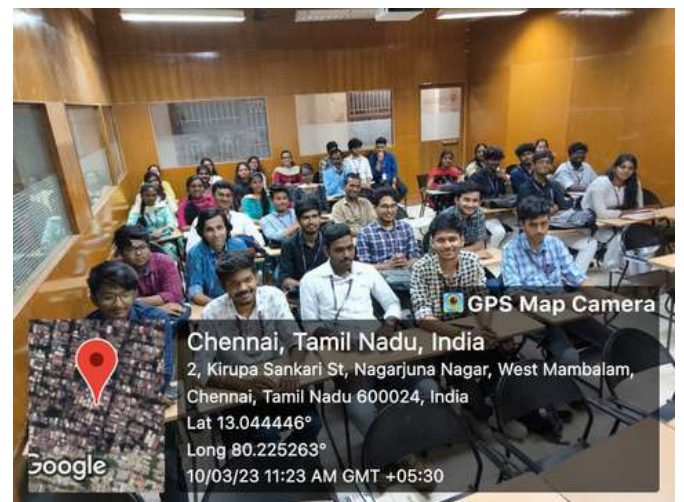
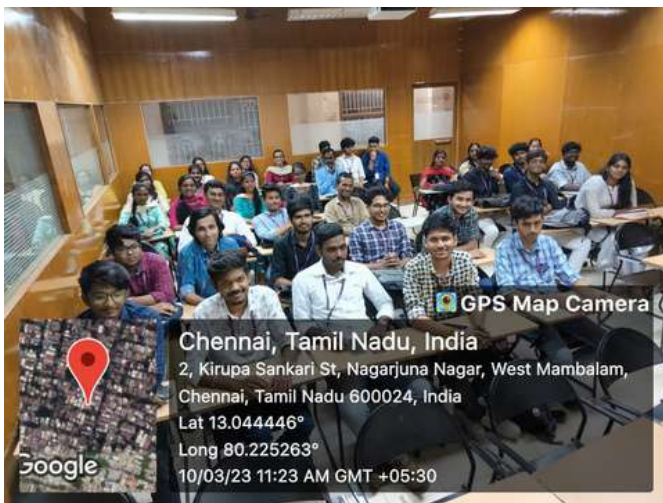
The Department of Computer Science and Engineering ,Sri Venkateswara College of Engineering organized an Industrial Visit to **III Year CS- A Section** Students to Sansbound Networking, on 9th March 2023 with 2 Faculty members, **Ms. R. Poorni, AP/CSE, Mr. Murugan, AP/CSE.**



Sansbound Networking, Chennai

INDUSTRIAL VISIT

The Department of Computer Science and Engineering ,Sri Venkateswara College of Engineering organized an Industrial Visit to **III Year CS- B Section** Students to Sansbound Networking, on 10th March 2023 with 2 Faculty members, **Dr. N. Rajganesh, Assoc. Prof./CSE, Ms. S. Janani, AP/CSE.**



Sansbound Networking, Chennai

ALUMINI TALK

ALUMNI TALK

Name of the Alumni: **Aneruth Mohanasundaram**

Year of Passing: **2020**

Designation: **Data Scientist**

Address of the Company: **Interleuvenlaan 27/B, 3001
Leuven**

PHOTO



As an alumni of Computer Science department, I have to say that I had a mostly positive experience during my time there. The faculty were knowledgeable and passionate about their subjects, and they always made themselves available to help students. I also appreciated the sense of community within the department, which helped me to form lasting relationships with my peers and professors.

However, there were also some areas where I think the department could have improved. For example, I found that some of the required courses felt too general and not directly applicable to my intended career path. Additionally, there were limited opportunities for hands-on experience, such as internships or research projects.

Despite these limitations, I feel that my department provided me with a solid foundation for my future career. The faculty, resources, and community that I found there helped me to develop my skills and interests, and I am grateful for the experience.

**DEPARTMENT
OF
COMPUTER SCIENCE AND ENGINEERING**

NEWSLETTER

EDITORIAL TEAM

Dr. N. RAJGANESH, ASSOC. PROF./CSE

Dr. S. D. NANDAKUMAR, AP/CSE

Ms. R. POORNI, AP/CSE

Ms. P. KAVIYA, AP/CSE

**SRI VENKATESWARA COLLEGE OF ENGINEERING
(AUTONOMOUS)**

P.B NO: 1, PENNALUR, SRIPERUMBUDUR - 602 117

