Sri Venkateswara College of Engineering

SVCE IQAC Consciousness for Quality

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

NEWSLETTER

NOVEMBER 2022

(VOL. 5, ISSUE 7)

ACCREDITED WITH GRADE A+ NAAC

SVCE

DEPARTMENT OF
COMPUTER SCIENCE AND ENGINEERING

CSE - BYTES

NEWSLETTER
ACADEMIC YEAR: 2022-2023
VOLUME 5, ISSUE 7
(NOV 2022)

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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

- Competent and trained faculty enriching 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

I would like to express my sincere appreciation for all the tremendous efforts put forth by the newsletter team in the month of November 2022. 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

Muralidharan S, I Year CSE B Section Student, was a FINALIST for presenting a paper titled "IoT-based Air Pollution Monitoring System" under the category Idea-O-Lite in The Second Edition of iCUBE – A National Level InterCollegiate Technical Event, organized by Students' Council in association with SVCE Science Club of SVCE held between 1.11.22 and 18.11.22.

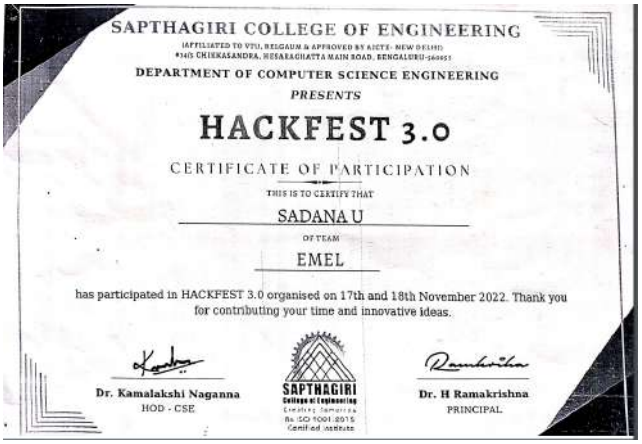
Rahul G, III yr AD, Department of Computer Science and Engineering, participated and won a cash prize of Rs. 3000/- in SIRIONLABS HACKFEST organized by HackerEarth Technologies Private Limited on 04/11/2022.

Priyanka A, Rahul G, III yr AD, Department of Computer Science and Engineering participated in Icube Hackathon (Interdisciplinary team) - conducted by Students council in association with SVCE Science Club - A national level intercollegiate technical event , Sriperumbudur on 18th November 2022

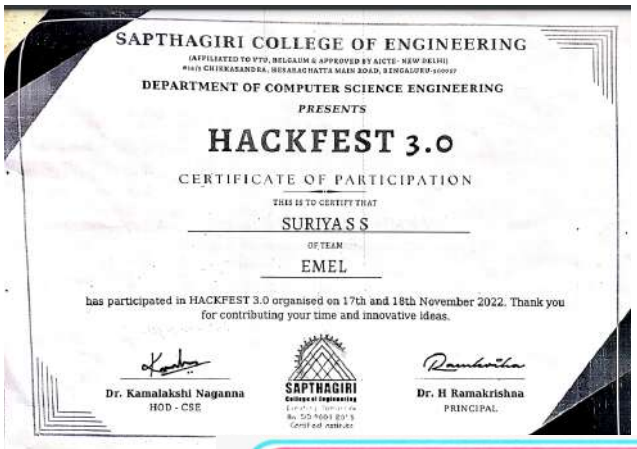
STUDENT ACHIEVEMENTS

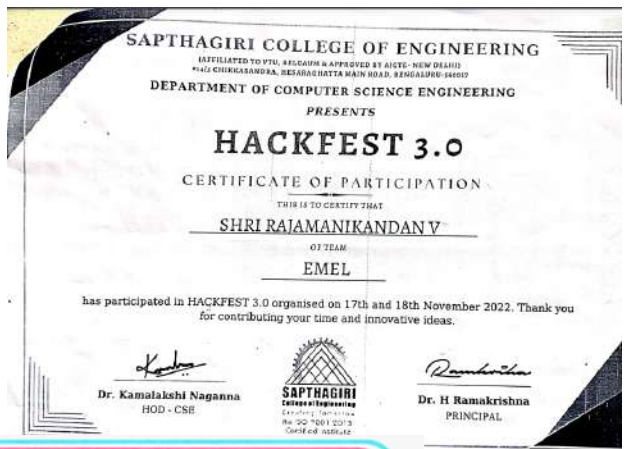
HACKATHON

Sadana U, Shivanee Ramesh, Suriya S S, Shri Rajamanikandan V, IV year, Department of Computer Science and Engineering, has participated in HACKFEST 3.0 organized by Sapthagiri College of Engineering, Bengaluru on 17/11/2022 and 18/11/2022.


SAPTHAGIRI COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE ENGINEERING
PRESENTS
HACKFEST 3.0
CERTIFICATE OF PARTICIPATION
THIS IS TO CERTIFY THAT
SADANA U
OF TEAM
EMEL
has participated in HACKFEST 3.0 organised on 17th and 18th November 2022. Thank you for contributing your time and innovative ideas.
Dr. Kamalakshi Naganna
HOD - CSE
Dr. H Ramakrishna
PRINCIPAL

SAPTHAGIRI COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE ENGINEERING
PRESENTS
HACKFEST 3.0
CERTIFICATE OF PARTICIPATION
THIS IS TO CERTIFY THAT
SHIVANEE RAMESH
OF TEAM
EMEL
has participated in HACKFEST 3.0 organised on 17th and 18th November 2022. Thank you for contributing your time and innovative ideas.
Dr. Kamalakshi Naganna
HOD - CSE
Dr. H Ramakrishna
PRINCIPAL


SAPTHAGIRI COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE ENGINEERING
PRESENTS
HACKFEST 3.0
CERTIFICATE OF PARTICIPATION
THIS IS TO CERTIFY THAT
SURIYA S S
OF TEAM
EMEL
has participated in HACKFEST 3.0 organised on 17th and 18th November 2022. Thank you for contributing your time and innovative ideas.
Dr. Kamalakshi Naganna
HOD - CSE
Dr. H Ramakrishna
PRINCIPAL


SAPTHAGIRI COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE ENGINEERING
PRESENTS
HACKFEST 3.0
CERTIFICATE OF PARTICIPATION
THIS IS TO CERTIFY THAT
SHRI RAJAMANIKANDAN V
OF TEAM
EMEL
has participated in HACKFEST 3.0 organised on 17th and 18th November 2022. Thank you for contributing your time and innovative ideas.
Dr. Kamalakshi Naganna
HOD - CSE
Dr. H Ramakrishna
PRINCIPAL

STUDENT'S HACKATHON PARTICIPATION CERTIFICATES

STUDENT ACHIEVEMENTS

SPORTS ACTIVITIES

Sahana S, II year/AD, Department of Computer Science and Engineering showed a stunning performance in Table Tennis team (Women) and clinched the Winners title in Anna University zonal tournament held at Sri Muthukumaran Institute of Technology on 05/11/2022.

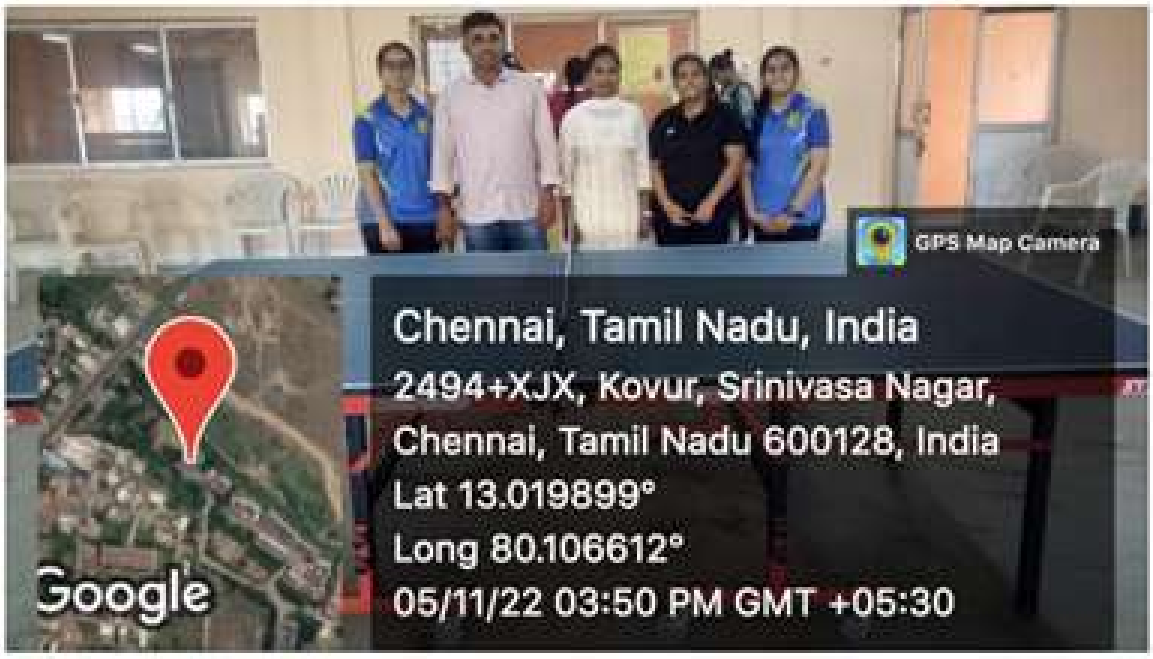


TABLE TENNIS WOMEN'S TEAM

STUDENT ACHIEVEMENTS

SPORTS ACTIVITIES

Abinesh K, III year/CS, Department of Computer Science and Engineering, secured runner up in Badminton (Men), organized by Sri Venkateswara College of Engineering, on 18/11/2022.

BADMINTON (MEN) TEAM

Placement Activities

PLACEMENT ACTIVITIES

PLACEMENT TRAINING

OBJECTIVE:

- To create awareness about "career planning" and "career mapping" among the students.
- To train the students on "Personality development".
- To organize Various Training Programmes to train the students in the areas of Quantitative Aptitude, Logical reasoning and Verbal reasoning.

TRAINING PROVIDED BY: “SPRINGBOARDS”

PARTICIPANTS: Second year students of CS and AD

DATE: 28.11.2022 to 03.12.2022

PLACEMENT AND TRAINING SESSION - SPRINGBOARD

Club Events

CLUB ACTIVITIES

KNOW - I

KNOW-I club was inaugurated for the academic year 2022-2023 with a technical talk on "**Machine Learning - An Introduction and Industry Perspective**" given by Sudarsan Santhiappan, Chief Scientific Officer, Buddi AI, on 9th November 2022 at Video hall, SVCE.

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.

Faculty Coordinators:
Dr.T.Padmavathy,ASP/CSE
Ms.V.Radha,AP/CSE

Office Bearers,
Vasanth V, President - Event Management
Jeffrey Joan, President - Research
Rakesh E, Vice President - Research
Lokesh B, Vice President - Event Management
Shashwanth S, Tech Lead - Research
Nihil Rengasamy T, Treasurer
Sri Sarini U, General Secretary

CLUB ACTIVITIES

KNOW I Club -
Inaugural Invitation

CLUB ACTIVITIES

Glimpses of **KNOW - I** Club Inauguration

Mr.Sudarsun Santhiappan was honored by Dr.T. Padmavathy

Technical Talk by Mr.Sudarsun Santhiappan

Know I Club - Office Bearers

CLUB ACTIVITIES

ASSOCIATION OF CYBERHUB

CYBER HUB inauguration for the academic year of 2022-2023 with a technical talks on "Basics of Cyber Security" given by **Mr. Rakesh Elamaran**, Security Analysts in Temenos, and “Intricacies of Blockchain Security” given by **Mr. Gopalsamy Rajendran**, Senior Security Engineer in Accubits Technologies Inc., conducted on 10th November 2022 in function hall at 9:30 am, SVCE.

SVCE Cyber Hub aims to bits of helping fellow students in order to foster their creativity and overall well-being. It supports the students who are interested in and committed to pursuing careers in the field of cyber security and networking.

The students will be able to

- understand the need for cyber security and how it can shape the future.
- gain the detailed knowledge of Blockchain Technology.

Faculty Coordinators:

Mr. M. Suresh Kumar, AP/CSE

Mr. M. Lakshmanan, AP/CSE

Office Bearers

Sudharshan B, President

Ishwarya R, Vice President

Srireghan D R, Secretary

Aniruth Vel A P, Joint Secretary

Kanishkaar R, Creative Head

CLUB ACTIVITIES

CYBERHUB Club - Inaugural Invitation

CLUB ACTIVITIES

Glimpses of **CYBERHUB** Club Inauguration

CyberHub Club - Office Bearers

Technical Sessions by Mr. Rakesh Elamaran and Mr. Gopalsamy Rajendran

CLUB ACTIVITIES

Association of Computer Engineers (ACE)

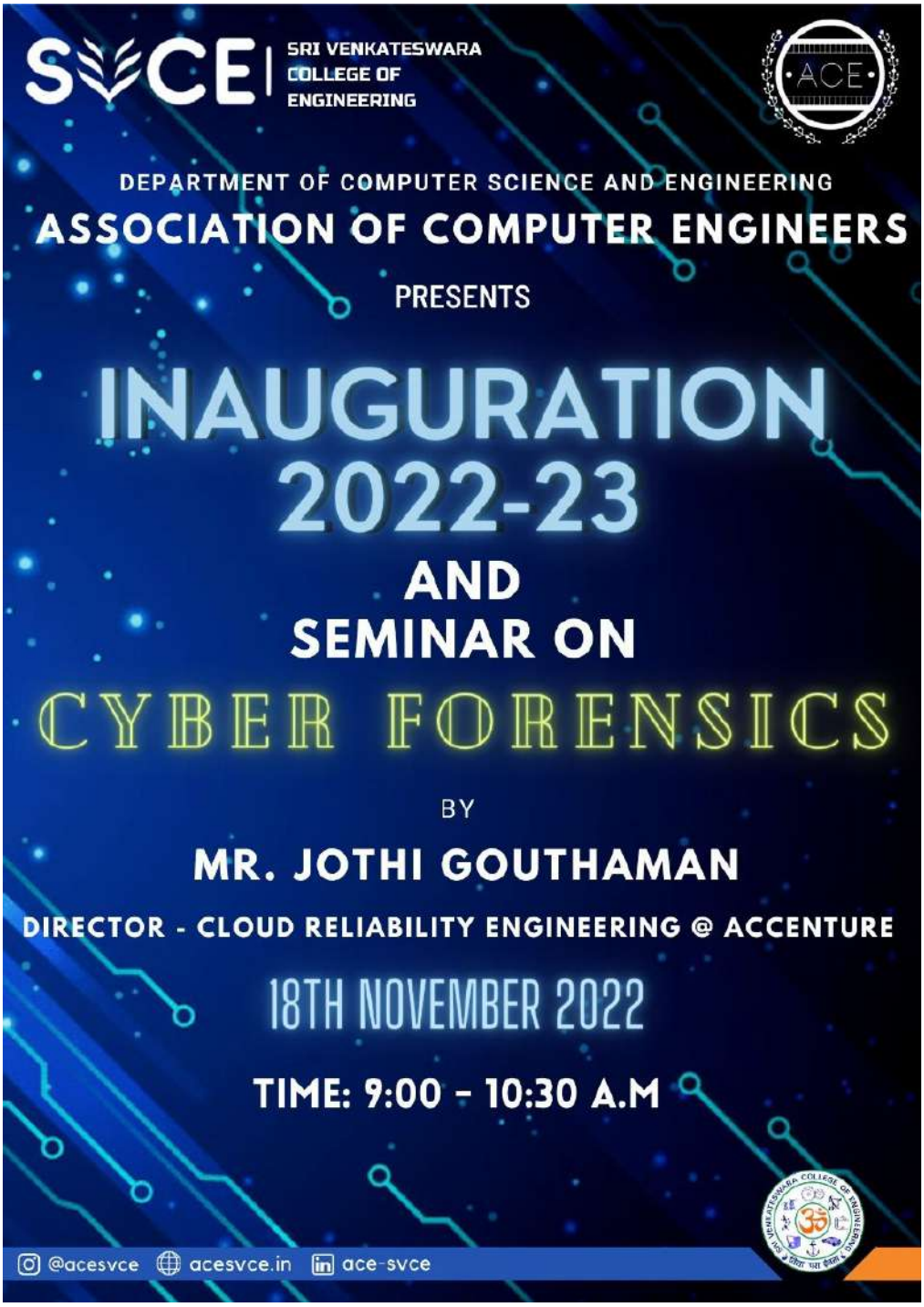
Association of Computer Engineers (ACE) inaugration for the academic year of 2022-2023 with a guest lecture on "Cyber Forensics" given by Mr. Jothi Gouthaman, Director- Cloud Reliability Engineer, Accenture, conducted on 18th November 2022 in Library seminar hall at 9:00 am, SVCE.

ACE – a place where a student discovers his hidden talents, gets rid of all sorts of inhibitions, sets up and creates a new history every year. ACE strives for the synchronization between academic learning and recent development in the technology and industry.

Faculty Coordinators:
Ms. G. Janakasudha, AP/CSE
Mr. K. Srinivasan, AP/CSE
Ms. Ajoe Sweetlyn Jeena, AP/CSE

Office Bearers:
Ritunjay M, President
Allen Manoj, Vice President
Nivedita V P, Vice President
Shivanee Ramesh, Vice President
Swetha A, Secretary
Sahana B, Joint Secretary
Adityarajan, Treasurer

CLUB ACTIVITIES



ACE Inaugural Invitation

CLUB ACTIVITIES

Glimpses of ACE
Inauguration Ceremony

Alumni Activities

ALUMNI SPONSORSHIP

Ms. Janani E, II year CSE, has been provided with the Alumni scholarship amount of Rs. 27,500/- on behalf of SVCE 1985-1989 Batch trust.

SVCE 1985-1989 Batch trust provides scholarship based on Merit cum Means through personal interview for second year girl students. The scholarship amount will be provided towards the student's study till fourth year. The scholarship amount will be paid, provided the student maintains a consistent academic record.

ALUMNI SCHOLARSHIP PROVIDED FOR JANANI E

Wordings of Janani E...

I feel very happy to receive the scholarship amount of Rs. 27500/- from SVCE 1985-1989 Batch trust. It encourages me to contribute myself more towards the betterment of my academics and departmental activities.

Faculty Interactions & Achievements

FACULTY INTERACTIONS

EVENTS ORGANIZED

Dr. P. Vinothiyalakshmi, ASP/CSE, Dr P Geetha, AP/CSE, Ms. R. K. Kapilavani, AP/CSE, has organized 3-Day workshop on Machine Learning by the Department of Computer Science and Engineering , Sri Venkateswara College of Engineering from 14/11/22 to 16/11/22.

Objectives:

- To develop the skills required for Machine Learning Technologies with the use of Python to analyze data, create beautiful visualizations, and problem solving using powerful machine learning algorithms.
- To perform machine-learning tasks with use of R which includes image recognition, speech recognition, natural language processing, and sentiment analysis.
- To visualize the data with R considered as the best choice as it allows rapid prototyping and works with the datasets to design machine-learning models.
- To implement the applications and project building using Machine Learning algorithms.

Outcomes:

- The attendees learned about the new software tools (R and Python with ML) that is now being used by IT organizations.
- Participants were able to expand their understanding of the coding and its application in various domains.
- Participants were able to strengthen their programming abilities in preparation for placements with make use of implementing Projects.
- The students learned the skills required to participate in hackathons, coding events, conferences, and other events.
- On learning these Software tools (R and Python) with ML, the students have developed the prototype on the pressing problems of the society.

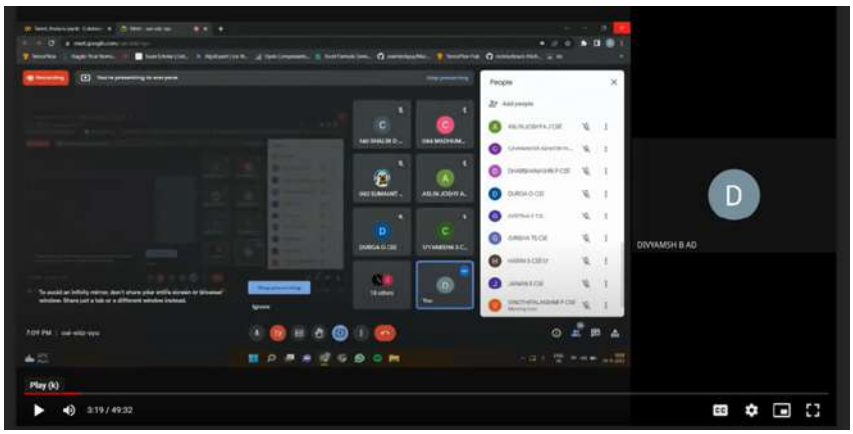
Participants count: 30 students, SVCE (II and III year)

Speakers:

Day 1 - ML with Python, Ms R K KapilaVani, AP / CSE
Day 2 - ML with R, Dr P Geetha, AP / CSE
Day 3 - Project Building, Dr P Vinothiyalakshmi, ASP / CSE, C2C Office Bearers

Glimpses of Machine Learning Workshop

MACHINE LEARNING
Workshop Inivitation



MACHINE LEARNING Workshop -
Technical Session

FACULTY INTERACTIONS

EVENTS ORGANIZED

Ms. Ajoe Sweetlin Jeena A, AP/CSE, Ms. Shobanjaly P. Nair, AP/CSE, Ms. Uma. P, AP/CSE, Dr. S D Nandakumar, AP/CSE has organized 2-Day workshop on "Innovative mindset on Robotics and CyberSecurity" by the Department of Computer Science and Engineering, Sri Venkateswara College of Engineering from 15/11/22 to 16/11/22.

Objective:

- To develop the skills required for Robotics and its desired Technologies and to create beautiful visualizations of new robots using powerful Artificial Intelligence algorithms.
- To help protect the confidentiality, integrity, and availability of computer systems, networks and data, against cyber-attacks or unauthorized access.
- To visualize the concept of design in Robotics with various state-of the-art electronic devices.
- To implement the applications using Cyber Security algorithms.

Outcomes:

- The participants learned the new tools for Robotics design that is now being used by IT organizations.
- Participants were able to expand their understanding of Robotics in scientific fields and its application in various domains.
- The students learned the skills required to participate in hackathons, CyberSecurity, conferences, and other events.

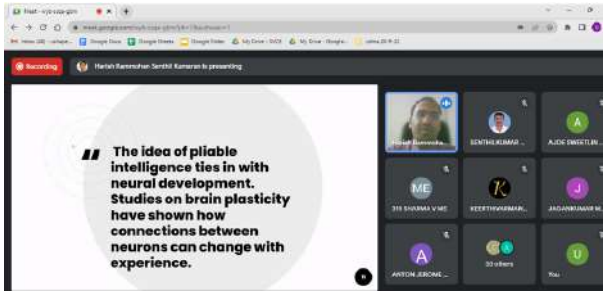
Participants count: 100

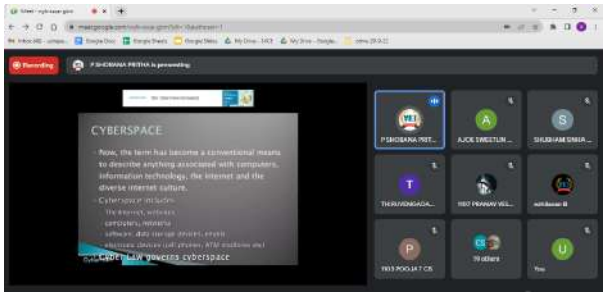
Speakers:

Day 1: Mr. Harish Rammohan, Quality Assurance Engineer, Mando American Corporation, Detroit, Michigan

Day 2: Dr. Ezhilvanan B, Founder and CEO, VEI Technologies Pvt. Ltd., Chennai

Glimpses of **Innovative mindset on Robotics and CyberSecurity** Workshop





Technical Sessions by Mr.Harish Rammohan and Dr.B.Ezhilvanan

Invitation

FACULTY INTERACTIONS

EVENTS ORGANIZED

Dr. P. Vinothiyalakshmi, ASP/CS, Mr. P. Selvamani AP/CSE arranged a Guest lecture on "8 Steps To Crack Top Paid Software Jobs in 2023-2025" given by Mr. Babu Narayanan Manickam, the CEO of Qeagle Assurance and TestLeaf Software Solutions, Chennai, during C2C club inauguration by the Department of Computer science and engineering at Sri Venkateswara College of Engineering on 16/11/2022.

Objectives:

- To provide the necessary skills and confidence to face the industrial environment without any fear and conquer their wildest dreams in the upcoming future.

Outcomes:

The students will be able to

- get the placements in Top-Paid companies
- improve their skills in IT
- know the emerging technologies

Participants count: 400 students

Speakers:

Mr. Babu Narayanan Manickam, the CEO of Qeagle Assurance and TestLeaf Software Solutions, Chennai,

FACULTY INTERACTIONS

EVENTS ORGANIZED

Workshop on 8 **Steps To Crack Top Paid Software Jobs in 2023-2025**

Session by Mr. Babu Narayanan Manickam

FACULTY INTERACTIONS

EVENTS ORGANIZED

Ms. G. Janakasudha, AP/CSE, Mr. K.Srinivasan, AP/CSE and Ms. R. Iyswarya, AP/CSE, arranged a Guest lecture on "Cyber Forensics" given by **Mr. Jothi Gouthaman, Director - Cloud Reliability Engineering, Accenture** during ACE club inauguration by the Department of Computer Science and Engineering at Sri Venkateswara College of Engineering on 18/11/2022.

Objectives:

To understand the importance, awareness, and usage of cyber forensics in day-to-day activities.

Outcomes:

Through the seminar on cyber forensics, the participated students were able to understand the importance, awareness, and usages of cyber forensics shared by the speakers.

Participants count: 44 Students/Faculty members, SVCE

Speakers:

Mr. Jothi Gouthaman, Director - Cloud Reliability Engineering, Accenture

FACULTY INTERACTIONS

EVENTS ORGANIZED

Guest Lecture on **Cyber Forensics** - Snaps

Guest Lecture by Mr. Jothi Gouthaman

FACULTY INTERACTIONS

Events Attended

Dr. R. Anitha, Prof & HOD/CSE, has attended தமிழ் பாடத்திட்டத்திற்கான ஒரு வார கால பேராசிரியர்களுக்கான பயிற்சி பட்டறை" , conducted by SVCE from 07/11/2022 to 11/11/2022.

Dr. R. Anitha, Prof & HOD/CSE, has attended two-day National Level Seminar on "NAAC – Revised Assessment and Accreditation Framework" in academic collaboration with NAAC organized by IQAC, SVCE on 24th and 25th November 2022.

Dr. R. Jayabhaduri, Professor/CSE, participated in the five days Professional Development Programme on "IPR for Teachers" organized by National Institute of Technical Teachers' Training and Research, Chennai during 14/11/2022 to 18/11/2022

Dr. N. Rajganesh, ASP/CSE, Dr. N. Revathi, ASP/CSE, attended a seminar on NAAC – Revised Assessment and Accreditation Framework, organized by IQAC, SVCE from 24/11/2022 to 25.11.2022.

Dr. P. Vinothiyalakshmi, ASP/CSE, Attended a Three-day FDTP on "Internet of Things(IoT) and Cloud interface", held from 21/11/22 to 23/11/2023, St. Joseph's Institute of Technology, Chennai.

Dr. B. Praveen Kumar, ASP/CSE , acted as a jury member in the Second edition of iCUBE, a National level Technical event organized by The Students' Council in Association with SVCE Science Club, from 17/11/2022 to 18/11/2022.

Ms. V. Rajalakshmi, ASP/CSE, completed a certification course in "Introduction to Data Science" conducted by Infosys Springboards on November 14, 2022.

FACULTY INTERACTIONS

Events attended

Ms. V. Rajalakshmi, ASP/CSE attended Professional Development Programme on "Guidance and Counselling" conducted by National Institute of Technical Teachers Training and Research (Online) between 14/11/2022 and 18/11/2022.

Dr. T. Padmavathy, ASP/CSE, **Ms. S. Rajalakshmi,** ASP/CS, **Mrs. S. Senthamizh Selvi**, AP/CSE, **Ms. Bhuvana,** AP/CS, **Ms. P. Uma,** AP/CS, **Mr. R. Gnanavel,** AP/CS, **Mr. P. Subramaniyan**, Lab instructor/CS attended "தமிழ் பாடத்திட்டத்திற்கான ஒரு வார கால பேராசிரியர்களுக்கான பயிற்சி பட்டறை" , conducted by SVCE from November 7, 2022 to November 11, 2022.

Dr. T. Padmavathy, ASP/CSE, acted as a jury member in the Second edition of iCUBE , a National level Technical event organized by The Students' Council in Association with SVCE Science Club, from 17.11.2022 to 18.11.2022.

Mr. R. Senthil Kumar, AP/CSE, attended Two Day Workshop on "Innovative Mindset Using Robotics & Cyber Security" organized by SVCE held on 15/11/22 to 16/11/22.

Ms. G.R. Khanaghavalle, AP/CSE, attended One day Workshop on "IP Awareness/Training program" organized by Intellectual Property Office, India on 02/11/22.

Dr. D. Vinodha, AP/CSE, attended two days online workshop on "Linear Algebra for Computer Science and Machine Learning" on 19/11/2022 and 20/11/2022 organized by NPTEL.

FACULTY ACHIEVEMENTS

Mentorship Achievement

Mrs. Janakasudha G, Assistant Professor, Department of Computer Science and Engineering, has mentored the team hexabyte, Mr.Kishore M, IV year ECE, which has got shortlisted to participate in the International level 36 hour UNESCO India Africa Hackathon 2022 which was held on November 23rd and 24th 2022 at different nodal centres in India.

Students from India and several countries in Africa will be participating in this hackathon on five major themes. Each team will be comprising of students from India and Africa.

Sr. No.	SIH2022 Team Name	Name of the Participant	Gender	State
139	31547 - illuminati team	Malika Malik	Female	PUNJAB
140	11738 - The B Team	Abhinandan Singla	Male	PUNJAB
141	30260 - Agrocon	Bhuvan Sharma	Male	PUNJAB
142	30893 - Shark	Rishabh Gupta	Male	PUNJAB
143	30893 - Shark	Harishankar Kumar	Male	PUNJAB
144	31598 - Altas	Raghav Sharma	Male	PUNJAB
145	15887 - Zenith.	Hermione Dadheech	Female	RAJASTHAN
146	18223 - CODERS VIBE	Naman Vyas	Male	RAJASTHAN
147	18223 - CODERS VIBE	Anshul Singh	Male	RAJASTHAN
148	20051 - TESLA	Arjun Choudhary	Male	RAJASTHAN
149	25042 - Maverickkz	Snehal Jain	Female	TAMIL NADU
150	32314 - Cardinality	Aswathy Harikumaran	Female	TAMIL NADU
151	32338 - Caffinated coders	Krupaasree K	Female	TAMIL NADU
152	32382 - Techno Soft	Shilbha S	Female	TAMIL NADU
153	11539 - Hexabyte_	Kishore M	Male	TAMIL NADU

UIA Hackathon Shortlisted Participants List

FACULTY ACHIEVEMENTS

Guest Lectures Delivered

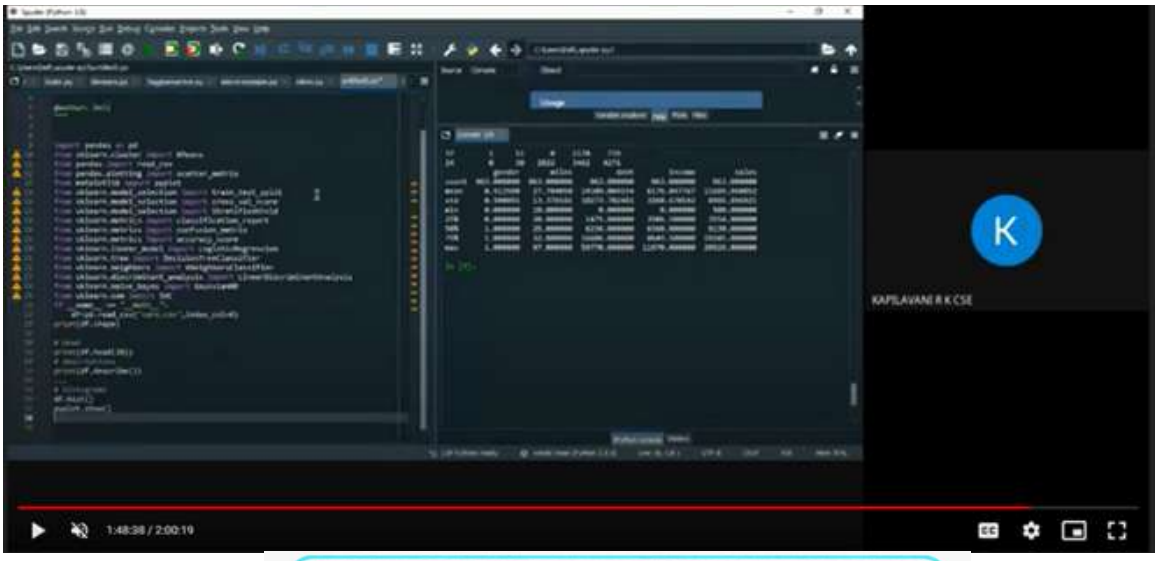
Dr. P. Geetha, AP/CSE, acted as a Resource Person for a guest lecture in the topic of "Approximation Algorithm", conducted by Department of Computer Science and Engineering, SRM Institute of Science and Technology, Ramapuram, Chennai on 05/11/2022.

Resource Person: Dr. P. Geetha, AP/CSE, SVCE

FACULTY ACHIEVEMENTS

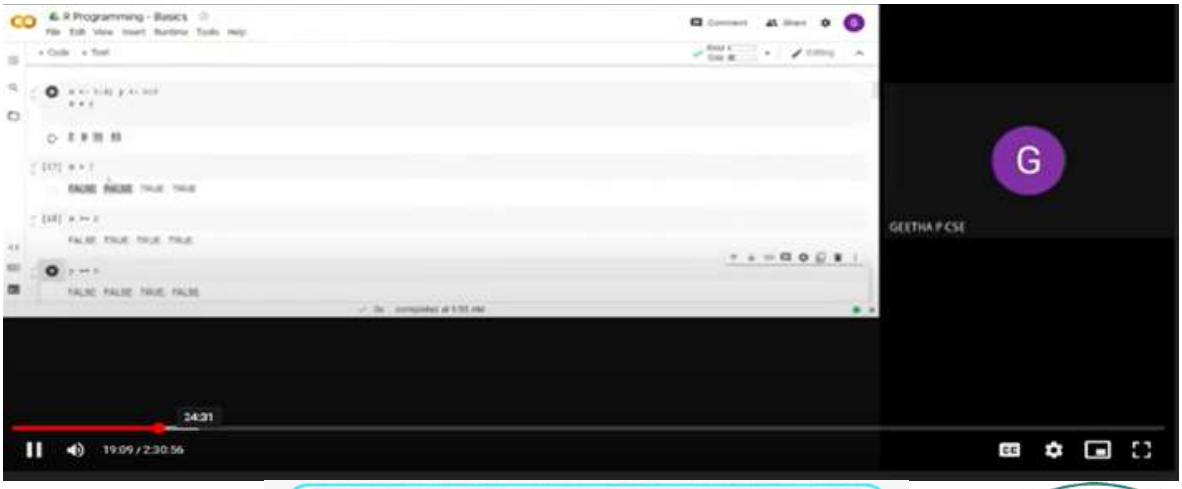
Guest Lectures Delivered

Ms. R. K. Kapilavani, AP/CSE, acted as a Resource Person in the Workshop EMIC-C2C club on 14/11/2022 in the topic of "Machine Learning using Python", Department of Computer Science and Engineering, Sri Venkateswara College of Engineering, Chennai.



Technical Session by
Ms. R. K. Kapilavani, AP/CSE

Dr. P. Geetha, AP/CSE, acted as a Resource Person in the Workshop EMIC-C2C club on 15/11/2022 in the topic of "Machine Learning R", Department of Computer Science and Engineering, Sri Venkateswara College of Engineering, Chennai.



Technical Session by
Dr. P. Geetha, AP/CSE

FACULTY ACHIEVEMENTS

Guest Lectures Delivered

Dr. P. Vinothiyalakshmi, ASP/CSE, acted as a Resource Person in the Workshop EMTECH 2.0-C2C club on 16/11/2022 in the topic of "Building projects in Machine Learning", Department of Computer Science and Engineering, Sri Venkateswara College of Engineering, Chennai.

Technical Session by
Dr. P. Vinothiyalakshmi, ASP/CSE

ACM - STUDENT CHAPTER, SVCE

Association of Computing Machinery (ACM)

Association of Computing Machinery (ACM) was inaugurated for the academic year of 2022-2023 with a guest lecture on "Role of Engineers" given by Dr.V.Vidhya, Professor/HoD, Department of Information technology, SVCE conducted on 07th November 2022 in Function hall, SVCE.

ACM is an international organization whose aim is "Advancing computing as a science and profession". It was set up to facilitate all activities which aim at spreading quality computing education by setting up learning groups, organizing seminars, conducting workshops, facilitating contests and so on.

Students will be able to

- know the roles and responsibilities of Engineers
- understand the emerging technologies

Faculty Coordinators:
Dr. R. Anitha, Professor & Head/CSE
Mr. T. Rajasekaran, AP/CSE

Office Bearers:
Chair – Mr.S.Nikhilesh
Vice Chair - Ms.V.Sandhya
Secretary – Mr.Pranav DS
Treasurer – Mr.Nithish
Member chair and ACM- W chair –Ms. Madhumita R
ACM- W Vice Chair – Ms. Neha Bhende

ACM - STUDENT CHAPTER, SVCE

ACM Inaugural Invitation

ACM - STUDENT CHAPTER, SVCE

Glimpses of **ACM Inauguration**

RESEARCH ACTIVITIES

RESEARCH ACTIVITIES

PRE-SYNOPSIS SEMINAR

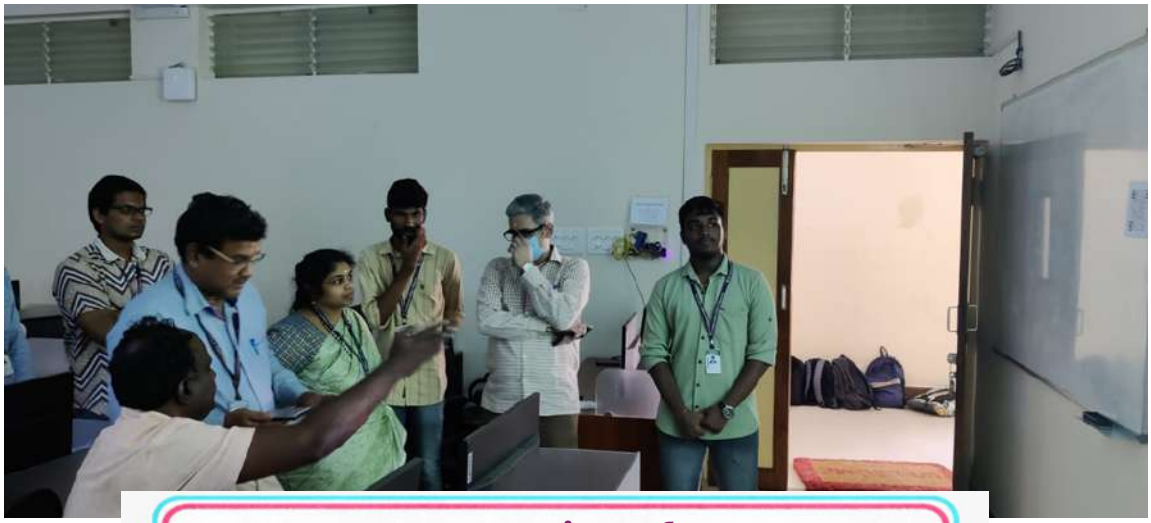
Ms. S. Senthamizh Selvi, AP/CSE had completed her pre-synopsis seminar presentation on 01/11/2022.

Ph.D. Public Viva Voce

Mr. S. D. Nandakumar, AP/CSE, had successfully defended his thesis entitled "Traffic Capacity Improvement using Transmit Power Control in Wireless Ad Hoc Network" on 9/11/2022 at Peter's Institute of Higher Education and Research, Chennai.

INNOVATIONS

Dr. N. M. Balamurugan, Prof/CSE and his team members Mr. K V Kuzhandayan and Mr. A Deepak Victor developed an application for tracking the SVCE College bus. This live bus tracking system was demonstrated infront of the Principal, Transport convener and department HODs in the Machine Intelligence Laboratory on 4/11/22.



Presentation of Bus Tracking Application

RESEARCH ACTIVITIES

RESEARCH SUPERVISORS

Dr. R.Anitha, Prof & HOD - CSE

Dr. J.M.Gnanasekar, Prof - CSE

Dr. N.Rajganesh, ASP - CSE

Dr. P. Vinothiyalakshmi, ASP - CSE

RESEARCH ACTIVITIES

FUNDED PROJECTS APPLIED

Sl. No.	Name of the Faculty / Student	Funding Agency	Research topic	Amount (Rs. in Lakhs)
1.	Dr N Rajganesh	DST	An Intelligent Agent based Cloud Assisted Smart HealthcareSystem for Disease Diagnosis, Treatment and Emergency RescueServices for Elderly People having Chronic Diseases	26.15
2	Shiva Sankari C, Soundharya G, Yogitha Vijayakumar	TNSCST	Parallel Benchmark Suite in OpenACC for Chip Multiprocessor.	0.10
3	N Revathi G Sumathi	DST-SERB (Power)	Energy-Efficient Runtime Thread Mapping and Therma Management on Heterogeneous Chip Multiprocessors	25.38
4	S.Poorani	UGC-DAE	Prediction of tensile strength of Cold metal transfer Robotic welded P91 steel joints by adaptive neuro-fuzzy inference system (ANFIS) and neural networks.	5

RESEARCH ACTIVITIES

RESEARCH PUBICATIONS

Dr. R. Anitha, S. Poorani, “Fruit Classification in Convolution Neural Networks” International Conference on Automation, Signal Processing, Instrumentation and Control (iCASIC 2022) Organized by School of Computer Science and Engineering Taylor's University, Malaysia & School of Electrical Engineering Vellore Institute of Technology Vellore, India”, iCASIC 2022 on 29th November 2022.

Dr. P. Janarthanan, V Murugesh, N Sivakumar and Manoharan, "An Efficient Face Detection and Recognition System Using RVJA and SCNN" in Mathematical Problems in Engineering. (SCI Indexed, Impact factor: 1.430) DoI : https://doi.org/10.1155/2022/7117090. 2022.

Bhuvaneswari R, **Rajalakshmi S**, Gurumoorthy G, Balaji A, Bhavya S, Dharan S, “BEAN LEAF DISEASE CLASSIFICATION USING MOBILENET”, International Journal of Current Engineering And Scientific Research (IJCESR), Volume-9, Issue-11, ISSN (Online): 2394-0697, ISSN (Print): 2393-8374, DOI:10.21276/ijcesr, (Impact Factor - 2.72)

Kalaiarasi Governor, Padmavathy Ramanujam,Suja Cherukullapurath Mana, **Geetha Perumal**, ”Near duplicate detection of images with area and proposed pixel-based feature extraction”, Concurrency and Computation Practice and Experience, Online ISSN:1532-0634, ISSN: 1532-0626,Wiley Publications, (Impact factor: 1.831)

T. Padmavathy, C. Muralidharan, Y.Mohamed Sirajudeen, "Cloud based Industrial IoT Infrastructure to facilitate Efficient Data Analytics", Cloud Analytics for Industry 4.0 : Issues, Challenges and Applications, De Gruyter, Vol.6, pp.31-51. 2022.

RESEARCH ACTIVITIES

REVIEWER CONTRIBUTIONS

Dr. R. Anitha, Professor and Head / CSE acted as reviewer in Asian Journal of Advances and Research.

Dr . N. Rajganesh, Associate Professor / CSE acted as reviewer in Journal of Ambient Intelligence and Humanized Computing, Springer.

Dr . N. Rajganesh, Associate Professor / CSE acted as reviewer in Journal of Multimedia Applications, Springer.

Dr. B . Praveen Kumar, Associate Professor / CSE, acted as a reviewer for Journal of Intelligent and Fuzzy Systems, a SCIE journal.

Dr. T. Padmavathy, Associate Professor / CSE, acted as a reviewer for Journal of Intelligent and Fuzzy Systems, a SCIE journal.

Dr. T. Padmavathy, Associate Professor / CSE, acted as reviewer for ANTIC'2022, an International Conference on Advanced Network Technologies and Intelligent Computing.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

NEWSLETTER

EDITORIAL TEAM

Dr. N. RAJGANESH, ASP/CSE
Dr. S. D. NANDAKUMAR, AP/CSE
Ms. R. POORNI, AP/CSE
Ms. P. KAVIYA, AP/CSE