



**SVCE** | Sri Venkateswara  
College of  
Engineering

**SVCE IQAC**  
Consciousness for Quality

**DEPARTMENT  
OF  
COMPUTER SCIENCE AND ENGINEERING**



NEWSLETTER  
FEBRUARY 2023  
(VOL. 6, ISSUE 2)



CSE-BYTES



DEPARTMENT OF  
COMPUTER SCIENCE AND ENGINEERING

CSE - BYTES



NEWSLETTER  
ACADEMIC YEAR: 2022-2023  
VOLUME 6, ISSUE 2  
(FEBRUARY 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 February 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. Lakshmi Narayanan, III/CS**, have received Temenos Merit-based scholarship for the AY 2022-23.

**Ms. S. K. Keerthana, III/CS**, completed her internship in C++ under Pie Infocomm Private Limited from 2nd January 2023 to 12th February 2023 and also completed a Project titled "Bank Management System".

**Ms. S. K. Keerthana, III/CS**, completed a certificate course "Python for Beginners" from Scaler Academy.

**Mr. Kolla Mohan Rao, III/CS, Ms. V. Shanmathi, Ms. S G Srivarshini and Ms. B Vinaya, I/CS**, participated in the event "Analytic Showdown" conducted by the Know-I club of SVCE on 18th February 2023.

**Ms. M. Manusrimanjari, Ms. R. Kaviyadharshini, Ms. Nivedha Shankar, Ms. Rajeswari, Ms. S. Keerithika, III/CS**, attended the special talk on "Crime against Women and Children & Cyber Crime Awareness", organized by WEC, SVCE on 7th February 2023.

**Ms. Krithika, III/CS**, has successfully participated in IP Awareness/Training program under NiPAM on 30th January 2023.

**Ms. V. Shanmathi, I/CS**, participated and completed two levels in "Out of the Box Thinking Through Mathematics" Course organized by IIT Madras Pravartak Technology Foundation.



# STUDENT ACHIEVEMENTS

## STUDENT PARTICIPATION

**Mr. M. Kishan, III/CS**, attended “Republic Day Celebrations” and “Environmental Pollution Awareness Talk”, events of Mega Awareness Program- 2023 organized by Youth Red Cross, SVCE on 26th & 28th January 2023.

**Ms. M. Iyswarya, III/CS**, completed her internship of Full Stack Developer from August to October 2022 under Solar Secure Solutions MSME (Govt. of India).

**Mr. G. Rahul, III/AD**, attended a workshop on Make your own DALL-E at Shaastra'23, during 26th January 2023 to 29th January 2023.

**Ms. Neha Bhende, Ms. K. Lakshmi Sruthi and Ms. T. Pooja, III/CS**, Won Second place in the FORESE Hackathon'23 and awarded a cash prize of 3000 INR. The event was judged by Saha-AI and the cash prize was sponsored by Edwise. And as a sign of Best Performer Neha Bhende was shortlisted for an internship with Saha-AI.



Students of 3rd year CSE Won Cash prize of 3,000₹ in FORSEE HACKATHON2023, conducted by SVCE Placement Cell: HOD/CSE, Department Placement Coordinators with Neha Bhende and Pooja T

# STUDENT ACHIEVEMENTS

## STUDENT PARTICIPATION

**Mr. S. Akash, III/CS**, has won the First place in FANDOM WARS at BOOTUP'23 - National Level Symposium conducted by Dept. of CSE, Rajalakshmi Engineering College, Chennai on 13th February 2023.

**Ms. Smirtha Chandran, I/CS**, participated in Nature Art Expo contest conducted by CARE Club of SVCE on 22nd February 2023.



# STUDENT ACHIEVEMENTS

## STUDENT PARTICIPATION

**Ms. E. Janani, II/CS,** has participated in the event Code Lock organized by Know-I club on 18th February 2023.

**Ms. Eshantheka, II/CS,** has participated in the event Code Lock organized by Know-I club on 18th February 2023.

**Ms. G. Durga, II/CS,** completed the course by demonstrating theoretical and practical understanding of Introduction to Javascript with Sololearn, during the period 17th January 2023 to 6th February 2023.

**Ms. S. Sahana, II/AD,** attended a STTP program on Future Technologies: Insights and Challenges, organized by Department of CSE, SVCE, Chennai during the period 20th February to 24th February 2023.

**Mr. A. H. Muraharai, II/AD,** attended a STTP program on Future Technologies :Insights and Challenges, organized by Department of CSE, SVCE, Chennai during the period 20th February to 24th February 2023.

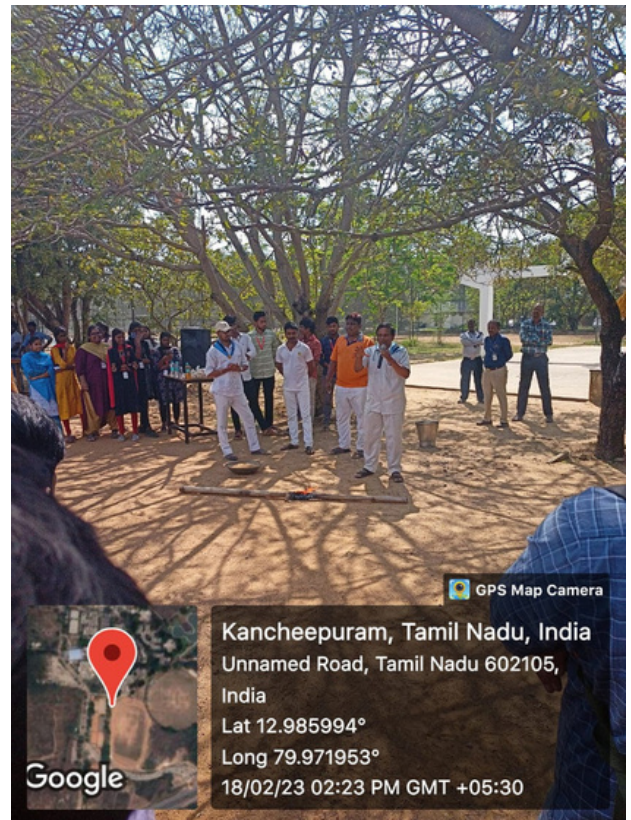
**Ms. R. N. Sakthi, II/AD,** has participated in the event Code Lock organized by Know-I club on 18th February 2023.

**Ms. R. N. Sakthi, II/AD,** has participated in a National Level Symposium “BOOTUP’23” conducted by Department of CSE, Rajalakshmi College of Engineering on 13th February 2023.

# STUDENT ACHIEVEMENTS

## STUDENT PARTICIPATION

50 Students of I year CS and AD have attended a One-day workshop on “Disaster Awareness and Management Training” (Second Phase), conducted by Sri Sathya Sai Seva Organisation and SVCE on 18th February 2023.



**Disaster Awareness and Management Training**

## STUDENT ACHIEVEMENTS

**Ms. Sai Madhuree Gopavaram, IV/CS**, UG project titled "Credit Card Fraud Detection System in Banking using ML and DL Algorithms" was selected for Intramural grant with cash Rs.10,000/- for the Academic Year 2022-2023 under guidance of **Dr. P. Vinothiyalakshmi, Assoc. Prof. /CSE**.

The KNOW-I club in association with SVCE placement cell and the TheMathCompany, conducted MathCoQuizzard, a quiz event on 23rd February 2023. The winners of the event **Mr. Sreedesh, Mr. S. U. Yogesh, II/CS**, were appreciated with gifts from TheMathCompany.

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/CS** for the team comprising **Ms. Sadana U, Mr. B. Sathyavarthan** and **Ms. Shivane Ramesh, IV/CS**, has been selected for Intramural Funding of amount Rs.10,000/- for the Academic Year 2022-2023.

**Mr Kolla Mohan Rao, III/CS**, got the certificate of recognition "ET Campus Stars 2022-23" for his exceptional performance in India's Largest hunt for brightest engineering minds, conducted by Campus Stars Season-6.



# STUDENT ACHIEVEMENTS

## SPORTS ACTIVITIES

SVCE Basketball(Men) team showed a stunning performance and secured the Runners position in the CM Trophy 2023. It was organized by the Sports Development Authority of Tamil Nadu held at Kanchipuram District stadium on 18th Feb 2023.

**Mr. S. Yokesh, II/CS** has participated in the event.



**CM TROPHY 2023 - BASKETBALL(MEN)**

# Faculty Interactions & Achievements

## FACULTY INTERACTIONS

### Events Attended

**Dr. R. Anitha, Professor & Head / CSE**, attended one day workshop on IP Awareness/Training program under National Intellectual Property Awareness Mission on 30th January 2023, conducted by National IP Awareness Mission, Government of India, Ministry of Commerce and Industry, Intellectual Property India in association with RGNIIPM, Nagpur.

**Dr. R. Anitha, Prof. & Head / CSE**, attended 5 Days Online STTP on "Future Technologies: Insights and Challenges" conducted by the Department of Computer Science and Engineering, Sri Venkateswara College of Engineering, Sriperumbudur from 20th February to 24th February 2023.

**Dr. J. M. Gnanasekar, Professor / CSE**, attended a workshop on "One API Toolkit" conducted by Sri Venkateswaraa College of Technology, in association with Intel and Boston, on 24th February 2023.

**Dr. N. Rajganesh, Assoc. Prof/ CSE**, attended "Train The Trainer - Container Concepts, Windows Services, SQL Queries", organized by Worldline India Pvt. Ltd during 9th February to 20th February 2023.

**Dr. P. Vinothiyalakshmi, Assoc. Prof. / CSE**, attended a "IP Awareness training programme" under National Intellectual Property Awareness Mission on 30th January 2023.

**Dr. T. Rajasekaran, Assoc. Prof/ CSE**, attended a Six days FDP on "Platforms and System Security in Cyber Space", organized by VNR Vignana Jothi Institute of Engineering and Technology" from 30th January to 4th February 2023.

**Dr. T. Padmavathy, Assoc. Prof/ CSE**, attended one day Faculty Development Program on "Shift Innovation Resilient Strategies for Academics" held on 21st February 2023, conducted by Department of information Technology, SVCE.



## FACULTY INTERACTIONS

### Events Attended

**Ms. S. Rajalakshmi, Assoc. Prof. /CSE**, attended 5 Days Online STTP on "Future Technologies: Insights and Challenges" conducted by the Department of Computer Science and Engineering, Sri Venkateswara College of Engineering, Sriperumbudur from 20th February to 24th February 2023.

**Ms. S. U. Muthunagai, Assoc. Prof. /CSE** attended One Week Online Short Term Faculty Development Program on "Ethics in Academic Research Writing" from 30th January 2023 to 4th February 2023.

**Ms. J. Buvana, AP/CSE**, has attended an International FDP on "Artificial Intelligence in Health care" organized by the Department of Electronics and Instrumentation Engineering, Easwari Engineering College, Chennai from 24th January to 31st January 2023.

**Ms. S. Poorani, AP/CSE**, attended one day workshop on IP Awareness/Training program under National Intellectual Property Awareness Mission on 30th January 2023, conducted by National IP Awareness Mission, Government of India, Ministry of Commerce and Industry, Intellectual Property India in association with RGNIIPM, Nagpur

**Ms. R. Iyswarya, AP/CSE** attended One Week Online Short Term Faculty Development Program on "Ethics in Academic Research Writing" from 30th January 2023 to 4th February 2023.

**Ms. R. Iyswarya, AP/CSE**, attended one day workshop on IP Awareness/Training program under National Intellectual Property Awareness Mission on 30th January 2023, conducted by National IP Awareness Mission, Government of India, Ministry of Commerce and Industry, Intellectual Property India in association with RGNIIPM, Nagpur

## FACULTY INTERACTIONS

### Events Attended

**Mr. R. Senthilkumar, AP/CSE**, attended workshop on "Train The Trainer - Linux Commands, Windows Services, SQL Queries", organized by Worldline India Pvt. Ltd during 7th February to 28th February.

**Mr. R. Senthilkumar, AP/CSE**, attended 5 Days Online STTP on "Future Technologies: Insights and Challenges" conducted by the Department of Computer Science and Engineering, Sri Venkateswara College of Engineering, Sriperumbudur from 20th February to 24th February 2023.

**Mr. P. Selvamani, AP/CSE**, attended a Seven days Online ATAL FDP on "IoT for Precision Agriculture and Transportation" from 28th January to 3rd February 2023, organized by Government College of Engineering, Thanjavur.

**Dr. M. S. Girija, AP/CSE**, attended one day FDP on "Shift Innovation Resilient Strategies for Academics", organized by Department of IT, SVCE on 21st February 2023.

**Dr. M. S. Girija, AP/CSE**, attended One Week Online Short Term Faculty Development Program on "Ethics in Academic Research Writing" from 30th January 2023 to 4th February 2023.

**Ms. V. Radha, AP/CSE**, attended a five days online FDP on "Cyber security-An insight and Practical Approach" conducted by the Department of CSE, SSN College of Engineering, Chennai during the period 30th January 2023 to 2nd February 2023.

**Dr. D. Vinodha AP/CSE**, attended 11 days online ATAL FDP(Hybrid mode) on " Biosignal Processing using AI Biomedical Engineering" organized by Department of Biomedical Engineering, Agni College of Technology, Chennai during 2nd February to 7th February and 17th February to 21st February 2023.

## FACULTY INTERACTIONS

### Events Attended

**Ms. T. Padmavathy, AP/CSE,** attended 5 Days Online STTP on "Future Technologies: Insights and Challenges" conducted by the Department of Computer Science and Engineering, Sri Venkateswara College of Engineering, Sriperumbudur from 20th February to 24th February 2023.

**Ms. S. Janani, AP/CSE,** attended 5 Days Online STTP on "Future Technologies: Insights and Challenges" conducted by the Department of Computer Science and Engineering, Sri Venkateswara College of Engineering, Sriperumbudur from 20th February to 24th February 2023.

**Dr. S. D. Nandakumar, AP/CSE,** attended workshop on "Train the Trainer - Container Class, Coding Best Practices, HTML/CSS, Windows Services, Python with Data Science" organized by WorldLine India Pvt Ltd, Chennai during the period 10th February to 24th February 2023.

**Mr. M. Lakshmanan, AP/CSE,** attended workshop on "Train the Trainer - Container Class, Coding Best Practices, HTML/CSS, Windows Services, Python with Data Science" organized by WorldLine India Pvt Ltd, Chennai during the period 10th February to 24th February 2023.

## FACULTY INTERACTIONS

### Workshop Attended

**Dr. R. Anitha, Prof. & Head / CSE**, participated in AICTE sponsored two days workshop on "Gender Audits in Higher Education Institutions: The Why and How?", organized by SVCE on 27th & 28th January 2023.

**Dr. J. M. Gnanasekar, Prof. / CSE**, participated in AICTE sponsored workshop on " Gender Audits in Higher Education Institutions: The Why and How?", organized by SVCE on 27th & 28th January 2023.



### Certificate of Appreciation

## FACULTY ACHIEVEMENTS

### PATENT

**Dr. R. Jayanhaduri, Prof. /CSE, Ms. V. Rajalakshmi, Assoc. Prof. /CSE, Ms. G. R. Khanaghaavalle, AP/CSE, Mr. B. Divyamsh, III/AD, Mr. R. Iyyappan, III/ AD, and Mr. S. Nanda kumar, III/AD** published a patent titled “IOT Based WiFi Enabled Smart Gardening System” in IPR on 10th February 2023.

### INTRAMURAL - PROJECT PROPOSAL

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 **Ms. Shivaneer Ramesh, IV/CS**, has been selected for Intramural Funding for an amount of Rs.10,000/- for the Academic Year 2022-2023.

**Ms. Sai Madhuree Gopavaram, IV/CS**, UG project titled "Credit Card Fraud Detection System in Banking using ML and DL Algorithms" was selected for Intramural grant with cash Rs.10,000/- for the Academic Year 2022-2023 under guidance of **Dr. P. Vinothiyalakshmi, Assoc. Prof./CSE**.

**Ms. Rupa Kesavan, AP/CSE**, submitted an Intramural proposal on “Demand Analysis in Smart grids based on Intelligent Edge computing using RNN Algorithms”.

## FACULTY ACHIEVEMENTS

### Guest Lectures Delivered

Dr. P. Geetha, AP/CSE, acted as a Resource Person for Guest Lecture on the topic of “SYNTAX DIRECTED TRANSLATION – COMPILER DESIGN”, organized by Department of Computer Science and Engineering, Roever Engineering College, Perambalur on 17th February 2023.

**ROEVER ENGINEERING COLLEGE**  
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)  
(Inclusion under Sections 2(F) and 12(B) of the UGC Act, 1956)  
ELAMBALUR (PO), PERAMBALUR - 621 220.

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We cordially invite you for the  
**Online Guest Lecture on**  
**"SYNTAX DIRECTED TRANSLATION"**

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**Date:** 17<sup>th</sup> February 2023      **Time:** 10.00 AM  
**Venue:** Dennis Ritchie Lab

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**Chief Guest**  
**Prof. Dr. P. GEETHA**  
Assistant Professor / CSE  
Sri Venkateswara College of Engineering, Chennai.

**Dr. K. VARADHARAJEN**  
Founder & Chairman  
Roever Group of Institutions  
**Will preside over the function**

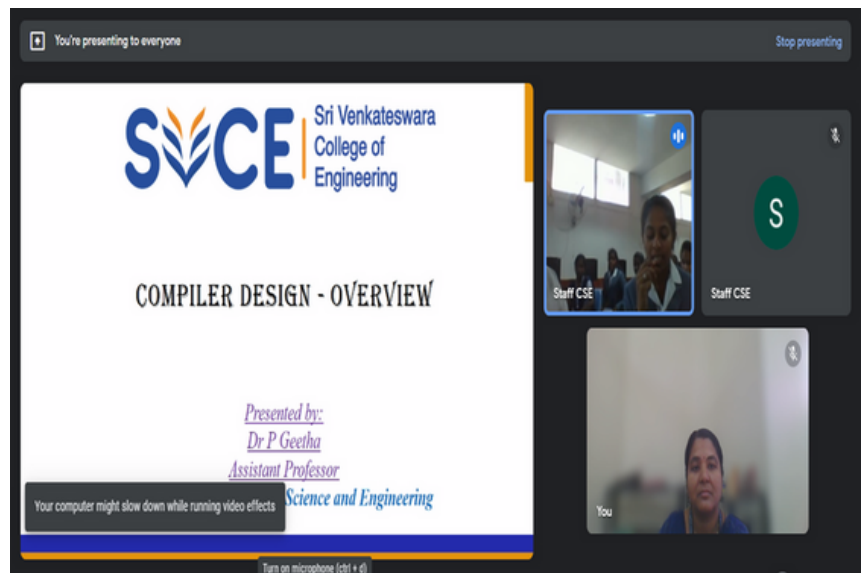
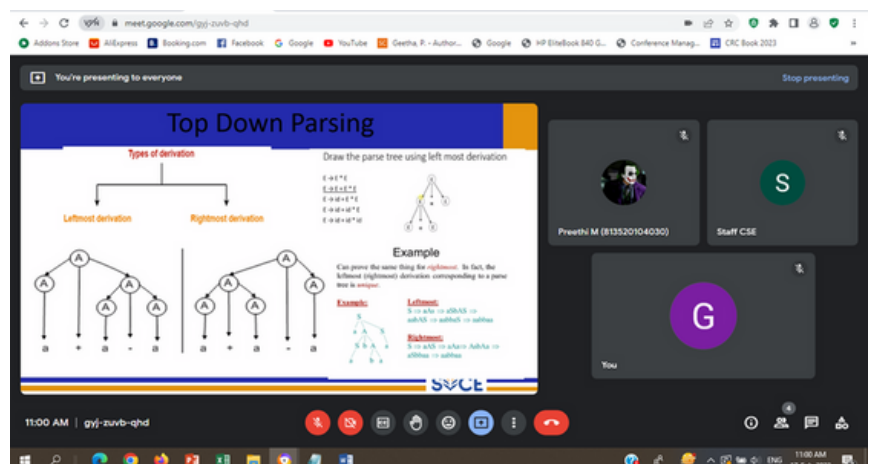
**Prof. Dr. V. S. SREE BALAJI**  
Principal  
Roever Engineering College  
**Will felicitate the function**

Organized by  
Association of Computer Engineers,  
Department of CSE

**Prof. A. DHANAMATHI**  
AP/CSE, Coordinator

**Prof. Dr. C. GUNASUNDARI**  
HOD/CSE

**Prof. Dr. M. PERIYASAMY**  
Vice-Principal

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

## FACULTY ACHIEVEMENTS

### Events Organized

Ms. S. U. Muthunagai, Assoc. Prof. /CSE, Dr. M. S. Girija, Ms. S. Poorani, Ms. R. Iyswarya, Ms. Rupa Kesavan, AP/CSE, organized a five days STTP on "Future Technologies: Insights and Challenges" from 20th February to 24th February 2023.

### Course Completion

Dr. T. Padmavathy, Assoc. Prof/ CSE, completed a course entitled “Introduction to Bash Shell Scripting”, on 15th February 2023, offered by Coursera Project Network.



Certificate of Appreciation

## FACULTY ACHIEVEMENTS

### Book Publication

Ms. S. Rajalakshmi, Assoc. Prof/CSE, Dr. S. Umadevi, Dr. M. Prakash, Ms. S. Abarna, published a book titled "DATA STRUCTURES AND ALGORITHMS", DECCAN INTERNATIONAL ACADEMIC PUBLISHERS, India, ISBN: 978-81-962206-6-2.

### Scopus Indexed Conference presentation

Dr. P. Geetha, AP/CSE, Ms. R. K. Kapila Vani, AP/CSE, Dr. D. Vinodha, AP/CSE, have presented the paper titled, "Biometric masking to re-establish the database through watermarking with Distortion Control" in the 5th International Conference on Communication and Computational Technologies (ICCCT 2023) (Hybrid Mode)" during 28th to 29th January, 2023, Rajasthan Institute of Engineering and Technology, Jaipur. The Conference Proceedings will be published in the Springer Book Series on "ALGORITHMS FOR INTELLIGENT SYSTEMS".



### Certificate of Appreciation





# RESEARCH ACTIVITIES

## RESEARCH ACTIVITIES

### REVIEWER CONTRIBUTIONS

**Dr. N. Rajganesh, Assoc. Prof. /CSE**, acted as a reviewer in Journal of King Saud University - Computer and Information Sciences and Journal of Ambient Intelligence and Humanized Computing.

**Dr. P. Vinothiyalakshmi, Assoc. Prof. /CSE**, acted as reviewer in the Hindawi portfolio of Journals.

### PROJECTS MENTORED

**Mr. Adityan V** [Team lead], **Mr. Abdul Rehman I**, **Mr. Barath Kailash G** and **Mr. Jagadeshwaran A R, IV/CS**, mentored by **Dr. R. Jayabhaduri, Prof./CSE**, for the project titled “Industry-Specific Intelligent Fire Management System” has been selected among the top 25 teams for the Regional Finale (Chennai Region), which is scheduled to be held on March 4th, 2023 at St. Joseph Institute of Technology, Chennai for the Tech Showcase “Umagine” 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.

## 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. 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. S. U. Muthunagai, Assoc. Prof. /CSE, Dr. M. S. Girija, Ms. R. Iyswarya, Ms. S. Poorani, AP/CSE,** published book chapter titled "Crowd Density Estimation Using Neural Network for COVID-19 and Future Pandemics", in Kanagachidambaresan, G.R., Bhatia, D., Kumar, D., Mishra, A. (eds) System Design for Epidemics Using Machine Learning and Deep Learning. Signals and Communication Technology. Springer, Cham. [https://doi.org/10.1007/978-3-031-19752-9\\_15](https://doi.org/10.1007/978-3-031-19752-9_15).

**Dr. R. Anitha, Prof. & Head/CSE, Ms. S. U. Muthunagai, Assoc. Prof. /CSE,** "CTS-IIoT: Computation of Time Series Data During Index Based De-duplication of Industrial IoT (IIoT) Data in Cloud Environment", Wireless Personal Communication, DOI: <https://doi.org/10.1007/s11277-022-10105-5>.

**Dr. R. Anitha, Prof. & Head/CSE, Ms. Rupa Kesavan, Ms. S. Poorani, Ms. R. Iyswarya, AP/CSE,, Ms. S. U. Muthunagai, Assoc. Prof. /CSE,** published book chapter titled "Convergence Perceptual Model for Computing Time Series Data on Fog Environment", in Kannan, R.J, Thampi, S.M., Wang, SH. (eds) Computer Vision and Machine Intelligence Paradigms for SDGs. Lecture Notes in Electrical Engineering, vol 967. Springer, Singapore. DOI:[https://doi.org/10.1007/978-981-19-7169-3\\_2](https://doi.org/10.1007/978-981-19-7169-3_2).

**Ms. Rupa Kesavan, AP/CSE,** published a paper title "Brain tumor identification using data augmentation and transfer learning approach", Computer Systems Science and Engineering, vol. 46, no.2, pp. 1845–1861, 2023, <https://doi.org/10.32604/csse.2023.033927> in Web Of Science with an Impact Factor 4.397.

# CLUB ACTIVITIES

# CLUB ACTIVITIES

## ACE –Association Of Computer Engineers

### Co-ordinators

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

### Objectives:

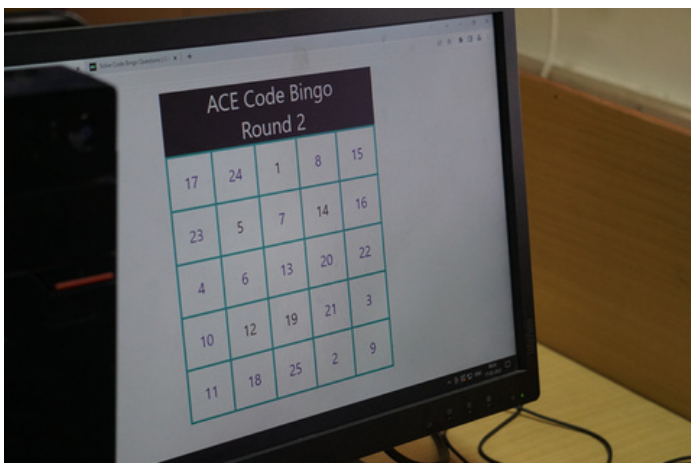
Code Bingo ,To conduct HackerRank Coding event among the First year students.

### Outcome:

Identify the Best Coders for the given problem and appreciate their work.

### Activity Conducted:

"Code Bingo" - Coding event conducted on 17th February 2023 from 8.30 am to 10.30 am at CS Lab4. 20 students from I year CS & AD actively participated and solved problems.



ACE - Code Bingo

## CLUB ACTIVITIES

### KNOW - I

#### Co-ordinators

**Dr. T. Padmavathy, Assoc. Prof. /CSE and Ms.V.Radha, AP/CSE.**

#### Objectives:

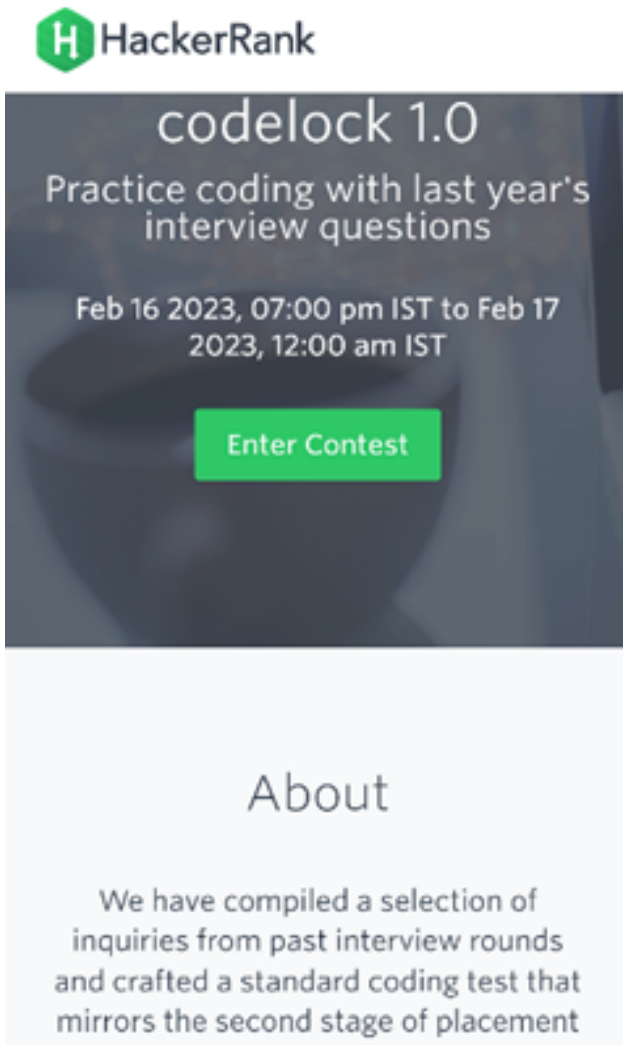
KNOW-I research forum aims at imparting and enhancing knowledge in the field of Artificial Intelligence, Machine learning, Deep learning, and Computer vision for the students of Sri Venkateswara College of Engineering. One of the priorities is to encourage students to get involved in research-based activities. 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 ACTIVITIES

### KNOW - I



**HackerRank**

### codelock 1.0

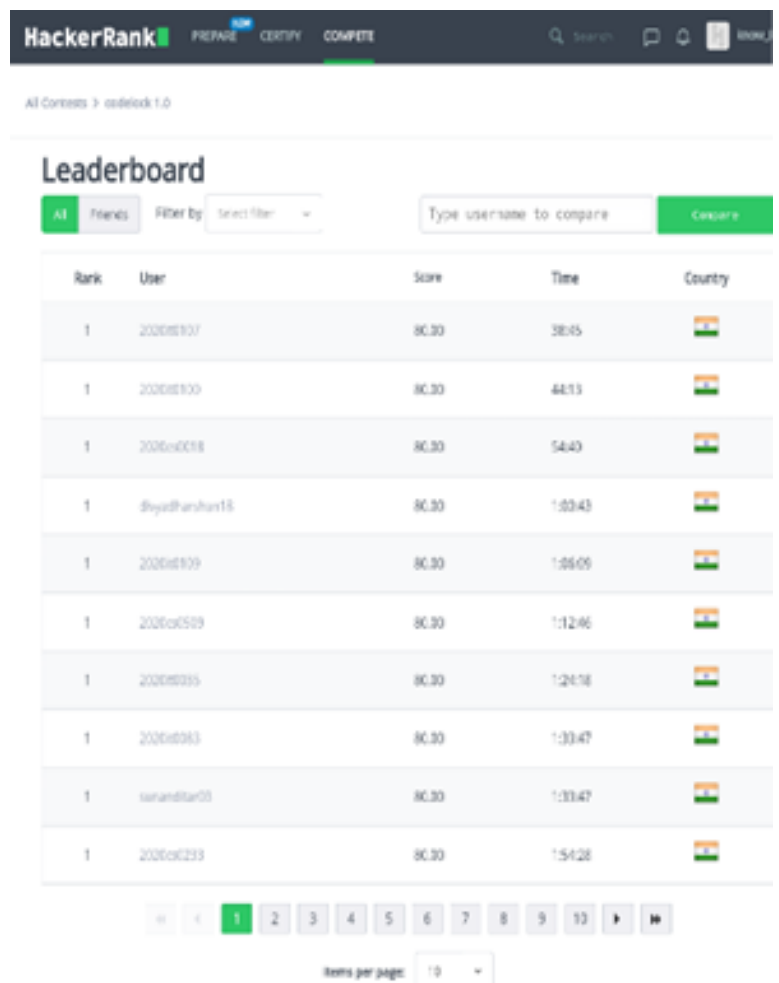
Practice coding with last year's interview questions

Feb 16 2023, 07:00 pm IST to Feb 17 2023, 12:00 am IST

[Enter Contest](#)

### About

We have compiled a selection of inquiries from past interview rounds and crafted a standard coding test that mirrors the second stage of placement



Leaderboard

| Rank | User          | Score | Time    | Country |
|------|---------------|-------|---------|---------|
| 1    | 2020e1907     | 80.00 | 38:45   |         |
| 1    | 2020e1909     | 80.00 | 44:13   |         |
| 1    | 2020e0018     | 80.00 | 54:40   |         |
| 1    | Shyambanshi15 | 80.00 | 1:03:43 |         |
| 1    | 2020e1909     | 80.00 | 1:06:05 |         |
| 1    | 2020e0509     | 80.00 | 1:12:46 |         |
| 1    | 2020e0315     | 80.00 | 1:24:18 |         |
| 1    | 2020e0963     | 80.00 | 1:33:47 |         |
| 1    | varadkhar03   | 80.00 | 1:33:47 |         |
| 1    | 2020e0293     | 80.00 | 1:54:28 |         |

Items per page: 10

#### Activity Conducted:

"Code Lock" - coding event was organized on 18th February 2023 for the students of CSE department.



# CLUB ACTIVITIES

## KNOW - I

### Objectives:

The KNOW-I club conducted, “Analytics ShowDown”, a solo or duo participation event, that's perfect for beginners and seasoned professionals to showcase their data analytics skills, from 18th February 2023 to 19th February 2023.

The main objectives of the event are:

- To provide students with hands-on experience in data analytics, visualization, and storytelling;
- To familiarize participants with key tools and techniques used in data analytics such as Excel, PowerPoint, and Python;
- To foster a sense of community and collaboration among participants in the field of data analytics.



### Outcome:

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

## CLUB ACTIVITIES

### KNOW - I

Ms. S.G. Srivarshini, Ms. B. Vinaya, Ms. V. Shanmathi I/CS, have participated in Code Lock event conducted by Know-I club on 18th February 2023.



Certification of Code Lock

## CLUB ACTIVITIES

### KNOW - I

The KNOW-I club in association with SVCE placement cell and the TheMathCompany, conducted MathCoQuizzard, a quiz event on 23rd February 2023. The winners of the event **Mr. Sreedesh, Mr. S. U. Yogesh, II/CS**, were appreciated with gifts from TheMathCompany.



Glimpse of MathCoQuizzard

## CLUB ACTIVITIES

Association of Computing Machinery (ACM)

Co-ordinators

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

"TechSpeak" event was organised by SVCE - ACM student chapter on 24th February 2023. 16 student teams had participated in the event and shared their views on recent technologies and its real-time use cases.



**TechSpeak enthusiasts**

## SCIENCE CLUB

The celebration of National Science Day was organised by SVCE Science Club on 28th February 2023, at Library Seminar Hall. **Dr.K.Pitchandi, Prof./MECH and CoE**, had given a guest lecture on "Science in Our Day-to-Day Life".



**Glimpse of National Science Day Celebration**

## MUSIC CLUB

Music club students of SVCE participated in a band event and also in solo events at ashion Spectrum 2023, cultural event conducted by National Institute of Fashion Technology on 23rd February 2023.

**Mr. Arun Solaiappan V, III/CS**, has won first place in Talent Nite (one minute event to showcase talents) where he played drums. He was awarded first place with a cash prize of Rs.5,000/-. This event had around 40 participants from various colleges. He was also appreciated with a special mention for his talent in playing drums in the band event too.



**Certificate of Appreciation**



# INDUSTRIAL VISIT

# INDUSTRIAL VISIT

III year CS/C section students along with **Mr. K. Srinivasan** and **Ms. Shobanjaly Nair AP/CSE**, have visited Kamarajar Port, Ennore on 23rd February 2023.



**IV @ Kamarajar Port, Ennore**



# ALUMINI ACTIVITY

## ALUMNI ACTIVITY

### Book Publication

**Dr. M. K. Sandhya, Prof/CSE**, from Meenakshi Sundararajan Engineering College, Chennai (Alumni of SVCE - M.E (CSE) 2004-2006 Batch), have co-authored a book titled "Foundations of Data Science" and "Fundamentals of Data Science and Analytics" for the III semester (B.E. CSE /B.Tech IT) and IV semester (B.Tech AI&DS) respectively of 2021 Regulation of Affiliated Institutions. Previously, Dr. M. K. Sandhya, also had co-authored the books 'Problem Solving and Python Programming' for the regulation 2017 and 2021 of Anna University.

**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**

