# Computer Science & Engineering

## NEWS LETTER
# CSE News Bulletin

# Highlights

- ➢ Conference/Workshop/Seminar(s)organized

- ➢ Faculty Participation in Workshop/Seminar

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# Department Vision & Mission



## Vision

To excel in technical education and research in area of Computer Science &Engineering and to provide expert, proficient and knowledgeable individuals with high enthusiasm to meet the Societal challenge.

## Mission

**M1:** To provide an open environment to the students and faculty that promotes professional and personal growth.

**M2:** To impart strong theoretical and practical background across the computer science discipline with an emphasis on software development and research.

**M3:** To inculcate the skills necessary to continue their education after graduation, as well as for the societal needs.

# Conference/Workshop/Seminar(s) Organized

## Event-1

**One Day National Level Technical Symposium GMOCS 2K24 Organized by Department of Computer Science &Engineering**

**Held on 03rd April 2024.**



## Event-2

**A Five Days Workshop on "Predictive Analytics & Data Science with Machine Learning"**

**From 15th April 2024 to 19th April 2024.**

**Event-3**

**Alumni Guest Lecture titled "Cybersecurity Trends and Career Paths - A Journey into Digital Defense" Organized by Department of Computer Science & Engineering**

**Held on 20th April 2024.**
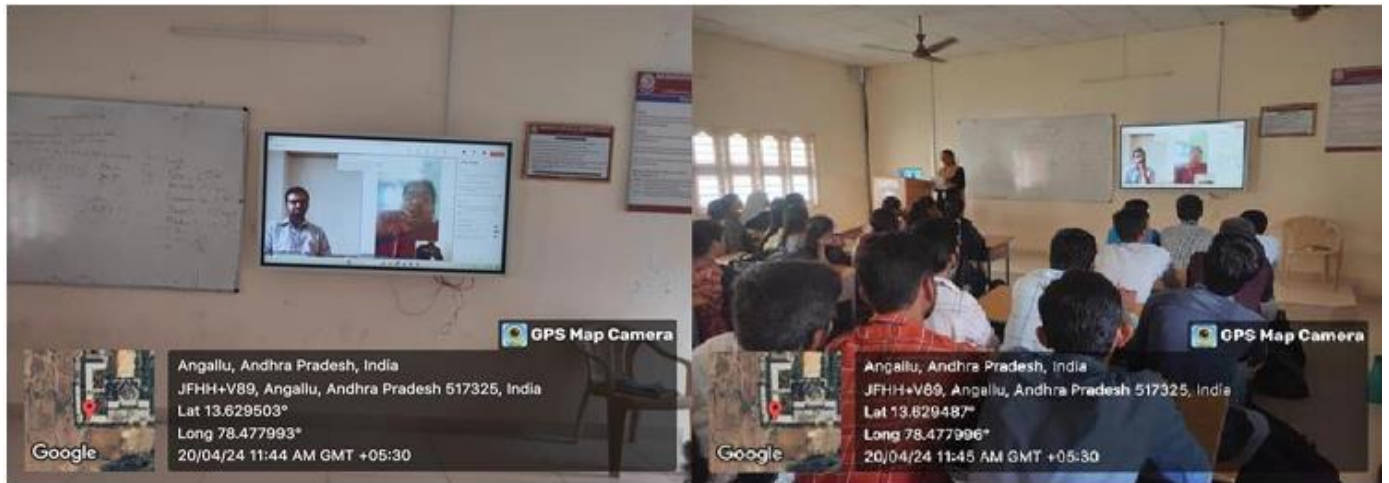


**Resource Person**: Dr. G. N. Vivekananda (Alumnus of CSE 2006-2010 Batch), Working as Associate Professor, School of Computer Science Engineering and Information Systems, Vellore Institute of Technology, Vellore.

**Event-4**

**Online Guest Lecture on "Machine Learning Techniques " Organized by Department of Computer Science & Engineering**

**Held on 1st May 2024.**

## Event-5

**Online Guest Lecture on the topic "Basic Concepts of cryptography & Block chain Technologies" Organized by Department of Computer Science & Engineering**



**Resource Person:** Dr. S. Gnanavel, Associate Professor, Department of Computing Technologies, SRM Institute of Science and Technology.

## Event-6

**Webinar titled"Smart Surveillance: Advancements in Video Analytics with Machine Learning"Organized by Department of Computer Science & Engineering**

**Held on 04th May 2024.**



**Resource Person:** Dr. B. Prabha, Assistant Professor, SRM Institute of Science and Technology

**Event-7**

A Report on Guest Lecture "Introduction and Real-World Applications of Machine Learning" Organized by Department of Computer Science & Engineering in association with Computer Society of India (CSI), Held on On 06.05.2024



**Resource Person:** Dr. U. Srinivasulu Reddy, Associate Professor, Department of Computer Applications, National Institute of Technology, Trichy.

# Faculty Participation in Workshop/Seminar

| S.No | Event Type | Faculty Attended Events |
|------|------------|--------------------------|
| 1 | FDP | 58 |
| 2 | Conference | 22 |
| | **Total** | **80** |

# Research Activities

**Details of Journal Papers**

| S.No | Name of the Faculty | Title of the paper | Published Journal | Published Month |
|------|---------------------|--------------------|-------------------|-----------------|
| 1 | Mrs. M. Bommy | Consistency, local stability, and approximation of Shapash explanationelimination and supervised learning techniques | TELKOMNIKA Telecommunication Computing Electronics and Control | June 2024 |

| S.No | Name of the Faculty | Title of the paper | Journal | Date |
|------|---------------------|--------------------|---------|------|
| 2 | Mr. Syed Abuthahir S | Intelligent-of- things multi-agent system for smart home energy monitoring | Indonesian Journal Of Electrical Engineering and Computer Science | May 2024 |
| 3 | Mr.B.Anandaraj | Enhancing MANET Battery Life and Performance Using Cluster Node | International Journal of Engineering Trends and Technology | May 2024 |
| 4 | Mr.J.Nagaraj | Improving The Cross-Layer Functionality To Overcome The Collision In Mobile Adhoc Network | Journal of Theoretical and Applied Information Technology | April 2024 |
| 5 | Mr.Mohan | Hybrid deep learning enabled breast cancer detection using IMAGES | Biomedical Signal Processing and Control | April 2024 |

## Details of Conference Papers

| S.No | Name of the Faculty | Title of the paper | Name of the Conference |
|------|---------------------|--------------------|------------------------|
| 1 | Mr.Ch.Hemanand | Evaluating the Effectiveness of Spam Message Classification and Detection based on Deep Bi-GRU Method | Seventh International Conference on Electronics, Communication and Aerospace Technology (ICECA 2023) |
| 2 | Mrs.G.Vasundhara Devi | Cloud Computing Based Medical Activity Supporting System | 2024 2nd International Conference on Disruptive Technologies (ICDT) |
| 3 | Prof. Goutam Chakraborty | Music and Emotions - A tool to create new playlists for a musical listening device in seclusion rooms in psychiatric hospitals | 1st International Conference on Optimization Techniques for Learning (ICOTL-2023) |
| 4 | Dr. R. Nidhya | Exploring Facial Recognition Technologies for Classroom Management | 10th International Conference on Communication and Signal Processing, ICCSP 2024, |
| 5 | Dr. G. ArunKumar | Development of Healthcare Monitoring System with Pollution Control in Industrial Sectors Using the Internet of Things | 5th International Conference on Inventive Research in Computing Applications, ICIRCA 2023 |
| 6 | Dr.R.Sundar | Real World Autonomous IoT Based Data Privacy Protection Using Machine Learning | 8th IEEE International Conference on Science, Technology, Engineering and Mathematics, ICONSTEM 2023 |
| 7 | Ms.Sangeetha | Evaluation of Adaptive Synthetic Resampling Technique for Imbalanced Breast Cancer Identification | Procedia Computer ScienceThis link is disabled., 2024, |

# Faculty Achievements

| S.No | Name of the Faculty | Name of the Course | Certificate Type |
|------|---------------------|--------------------|------------------|
| 1 | Dr Nidhya R | Deep Learning | Elite+Gold (Topper of 2%) |
| 2 | Mrs Sangeetha M | Introduction to Internet of Things | Elite+Gold (Topper of 5%) |
| 3 | Mr Kumar | Programming in Java | Elite+Silver (Topper of 2%) |
| 4 | Mrs M Bommy | Cloud Computing | Elite+Silver (Topper of 5%) |
| 5 | Mr M S P Durgarao | Introduction to Internet of Things | Elite+Silver |
| 6 | Dr G Arun Kumar | Computer Networks and Internet Protocol | Elite+Silver |
| 7 | Mr Bhaskar | Privacy and Security in Online Social Media | Elite+Silver |
| 8 | Ms G B Renuka | Introduction to Internet of Things | Elite+Silver |
| 9 | Mr J Nagaraj | Introduction to Internet of Things | Elite+Silver |
| 10 | Mr Galeebathullah | Introduction to Internet of Things | Elite+Silver |
| 11 | Mr Kaliyamoorthi | Introduction to Internet of Things | Elite+Silver |
| 12 | Mr Anandraj | Introduction to Internet of Things | Elite+Silver |
| 13 | Mr Muthugurunathan G | Introduction to Internet of Things | Elite+Silver |
| 14 | Ms Usha | Introduction to Internet of Things | Elite+Silver |
| 15 | Dr K Sudhakar | Cloud Computing | Elite+Silver |
| 16 | Ms Arya Surendran | Inroduction to Database System | Elite |
| 17 | Mr S Srinivas Kumar | Cloud Computing | Elite |
| 18 | Dr G Sreenivasulu | Compiler Design | Elite |
| 19 | Ms S SoumyaDevi | Cloud Computing | Elite |
| 20 | Ms V Nirupa | Programming in Modern C++ | Elite |
| 21 | Dr R Sudhakar | Programming in Java | Elite |
| 22 | Dr R Sudhakar | Computer Networks and Internet Protocol | Elite |
| 23 | Mr Mohan M | Privacy and Security in Online Social Media | Elite |
| 24 | Mr Muthugurunathan G | Cloud Computing | Elite |
| 25 | Mr Sathish | Cloud Computing | Elite |
| 26 | Ms Vasundhara Devi G | Programming in Java | Elite |
| 27 | Dr G Sreenivasulu | Ethics in Engineering Practice | Elite |
| 28 | Mr Mohamed Yousff A R | Cloud Computing and Distributed Systems | Elite+Gold  (Topper of 1%) |

| 29 | Mrs Ramya Palaniappan | Cloud Computing and Distributed Systems | Elite+Gold (Topper of 2%) |
|---|---|---|---|
| 30 | Mrs Thripthi P Balakrishnan | Introduction to Programming in C | Elite+Gold (Topper of 5%) |
| 31 | Mr Ramakrishna Gandhi | Cloud Computing and Distributed Systems | Elite+Silver |
| 32 | Mr BSH Shayeez Ahamed | Cloud Computing and Distributed Systems | Elite+Silver |
| 33 | Mr C H Hemananad | Dat Science for Engineers | Elite+Silver |
| 34 | Mrs Deepthi P | Introduction to Programming in C | Elite |
| 35 | Mr Thangarasan T | Data Base Management System | Elite |
| 36 | Mrs Geetha V | Cloud Computing and Distributed Systems | Elite |

## List of Faculties Received Best Paper Award in Conference

| S. No | Name of the Faculty | Title | Conference |
|---|---|---|---|
| 1 | Mr K Sudhakar | Identification of Identical twins using Deep Learning | 1stInternational Conference on Innovative Approaches in Engineering & Technology (ICIAET-24) |
| 2 | Mrs Ramya Palaniappan | A comprehensive Health Monitoring System for Real-time Patient Assessment woth IoT Connectivity | 1stInternational Conference on Innovative Approaches in Engineering & Technology (ICIAET-24) |

## List of Faculties Received Certificate of  Appreciation

| S. No | Name of the Faculty | Certificate Type |
|---|---|---|
| 1 | Mr A Kumar | Best Faculty |
| 2 | Ms Arya Surendran | Domain Certification – Programming |
| 3 | Ms Bommy | Domain Certification – Programming |
| 4 | Ms V Nirupa | Domain Certification – Programming |
| 5 | Mr Aleemullakhan Pathan | NPTEL Motivated Learner |
| 6 | Mr G Srinivasulu | NPTEL Motivated Learner |
| 7 | Mr Muthugurunathan G | NPTEL Discipline Star |
| 8 | Mr Srinivas Kumar | Feedback |

## Students Achievements

| S.No | Roll No | Name of the Student | Name of the Event | Organized by | Date | Remarks |
|------|---------|---------------------|-------------------|--------------|------|---------|
| 1 | 21691A0519 | G.Bhavitha | Paper Presentation | Kamaraj College of Engineering and Technology | 16.4.2024 | Best Paper Award |
| | 21691A0532 | R.Deepika | | | | |
| | 21691A0556 | G.Haritha | | | | |
| 2 | 21691A0561 | J.Harshithsai | Paper Presentation | Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya | 16.4.2024-17.4.2024 | 2nd Prize |
| | 21691A0529 | T.R.Deeksha | | | | |

# Chief Editor

**Dr R Kalpana**

Professor & Head/CSE

# Associate Editor

**Mrs G.Vasundhara Devi**

Assistant Professor/CSE

# Student Editors

**K Yashwanth Kumar**     **III CSE**

**M Sivamani**     **III CSE**

**D Surendra**     **III CSE**

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