



# DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

The vision of the Department of Computer Science & Engineering is to provide quality technical education in the field of computer science and engineering and develop professionals imparting human values, entrepreneurship capabilities with social responsibility, to meet the challenges in the technological society. Dr. G.Kiruthiga, Head of Computer Science & Engineering is the backbone of the department with 6 years of Teaching & Engineering experience and having Ph.D in Wireless Sensor Networks.

## HOD's Message

The department of CSE is highly privileged to release our July – December 2019 Technical Newsletter, looking forward to groom our budding technocrats. This newsletter is meant to cover up the arenas of skills by our students, academicians and others showcase their talents and enthusiasm in field of Computer Science and Engineering. I wish this newsletter might come up with all the creative and technical traits and activities of our department, which in turn leads to the establishment of engineering education in our campus.

## AWARDS / ACHIEVEMENTS

The Department of Computer Science and Engineering got NBA Accreditation in the Academic year 2022-23, 2023-24, 2024-25 upto 30-06-2025.

## NewsLetter 2023-2024

January-July (Vol.9, Issue 2)

### >>> What is inside

- AWARDS & ACHIEVEMENTS
- ACADEMICS/  
CO CURRICULAR-ACTIVITIES
- PLACEMENT CELL
- EXTRA CURRICULAR

## By Students

- Neha Jaison has been selected as the Best Outgoing Student from Computer Science and Engineering Department, upon inspection of certificates and overall Academic Achievements on 25/05/2023.
- Mohammed Faris from S6 CSE got First Prize in "Web cast"-Web designing, at Intercollegiate ITfest-IGEN-2023, organized by Department of CSE, Sri.C. Achuthamenon Government college, Thrissur on 09/02/2023.
- S8 Students had participated in the International Conference on Innovations in Computing, Alet Joseph, Mridhul, Arjun and Delvin from S8 CS won the best paper award from Computer Science and Engineering Department on 15/05/2023.

- Ms. Shemitha P.A (AP/CSE) attended Five Days FDP on "MLOps (Machine Learning Operations) organized by AIT-CSE, Chandigarh University from 2nd February 2023 to 6th February 2023.
- Ms Neethu Prabhakaran P (AP/CSE) attended Five Days FDP on "MLOps (Machine Learning Operations) organized by AIT-CSE, Chandigarh University from 2nd February 2023 to 6th February 2023.
- Ms Neethu Prabhakaran (AP/CSE) participated the NSS Flagship program-RUDHIRASENA Orientation Program on 07/02/2023.
- Ms Santhi. P (AP/CSE) attended Five Days FDP on "MLOps (Machine Learning Operations) organized by AIT-CSE, Chandigarh University from 2nd February 2023 to 6th February 2023.

## By faculty

- Dr.G.Kiruthiga (CSE/HOD) selected for the oral presentation at the 7th International conference on Inventive communication and computational Technologies (ICICCT-2023) after the double blind review process-title "Deep Learning -Based Continuous Glucose Monitoring with Diabetic Prediction Using Deep Spectral Recurrent Neural Network" on 25/02/2023
- Dr.G.Kiruthiga (CSE/HOD) has completed Post-Doctoral Work on the topic "Design of a Big Data Analytic System with Optimization for Enhancing Healthcare System" on 15/06/2023.

## ACADEMICS/ CO CURRICULAR-ACTIVITIES

### By Staff

- Dr.G.Kiruthiga (CSE/HOD) has published a paper titled as "Adaptive Deep Recurrent Neural Network-Based COVID-19 Healthcare Data Prediction for Early Risk Prediction" in Inventive systems and Control. Lecture Notes in Network and systems, vol 672, Springer, Singapore.



- Ms Dini Davis (AP/CSE) attended Five Days KTU-Sponsored FDP on "Data Science and its Engineering Applications" organized by Sahrdaya College of Engineering and Technology, Kodakara from 30th January 2023 to 3rd February 2023.
- Ms Samya Ali (AP/CSE) attended Five Days KTU-Sponsored FDP on "Data Science and its Engineering Applications" organized by Sahrdaya College of Engineering and Technology, Kodakara from 30th January 2023 to 3rd February 2023.
- Ms Dini Davis (AP/CSE) visited Power Grid, HVDC, Madakkathara as part of the KTU Sponsored FDP conducted by EEE Department, IES College of Engineering
- Ms Kavya Clare (AP/CSE) visited Power Grid, HVDC, Madakkathara as part of the KTU Sponsored FDP conducted by EEE Department, IES College of Engineering
- Ms Linny Sunny (AP/CSE) attended Five Days KTU-Sponsored FDP on "Data Science and its Engineering Applications" organized by Sahrdaya College of Engineering and Technology, Kodakara from 30th January 2023 to 3rd February 2023.

- Ms.Reeny Zackariaz went as Faculty In-charge for Industrial Visit for CSE Branch to Manali
- Ms Neethu Prabhakaran P. & Dini Davis went as Faculty In-charge for Industrial Visit for CSE Branch to Goa [RDL Technologies, Mangalore]
- Ms Neethu Prabhakaran P went along with NSS Volunteers Gopika E.S(S4 CS),Sreerag C.U(S4 EEE) for participating in National Integration camp selection process which held at College of Engineering, Munnar.
- Ms Neethu Prabhakaran went on a two-day Nature camp, as part of NSS.
- Ms Neethu Prabhakaran organized a flash mob on behalf of No Tobacco Day, at Sobha Mall, as part of NSS.
- Ms Neethu Prabhakaran has participated the paper titled as "Garbage Segregation using deep learning and Image Recognition Technology" in the International Conference Materials & Communication Technologies
- Ms Neethu Prabhakaran has participated and presented the paper titled "AI virtual painting in Video Calls using CV" in the International Conference Materials & Communication Technologies.
- Ms Neethu Prabhakaran published a paper entitled "Garbage Classification Using Deep Learning and Image Recognition Technology in IJIRSET,Volume12, Issue 5, 5 May 2023.
- Samya Ali has participated and presented the paper titled "Song recommend chatbot" in the International Conference Materials & Communication Technologies.
- Ms Hrudya K.P has participated and presented the paper titled "Pose Estimation in Physiotherapy using ML" in the International Conference Materials & Communication Technologies.
- Ms Hrudya K.P has participated and presented the paper titled "Transcription APP" in the International Conference Materials & Communication Technologies.
- Ms Hrudya K.P has participated and presented the paper titled "Vetcare APP" in the International Conference Materials & Communication Technologies.
- Ms Shejina N.M has participated and presented the paper titled "Placement management system" in the International Conference Materials & Communication Technologies.

- Ms Santhi.P has participated and presented the paper titled "IOT Based Automated Power Shutdown System" in the International Conference Materials & Communication Technologies.
- Ms Dini Davis has participated and presented the paper titled "Health+- All in one medical companion" in the International Conference Materials & Communication Technologies.
- Ms Reeni Zackarias has participated and presented the paper titled "Contactless money Cards: Campuses to go cashless" in the International Conference Materials & Communication Technologies.
- Ms Reeni Zackarias presented has participated and presented the paper titled "Contactless money Cards: Campuses to go cashless" in the International Conference Materials & Communication Technologies.
- Ms Linny Sunny has participated and presented the paper titled "Product Expiry Alert Mngement System" in the International Conference Materials & Communication Technologies.
- Ms Samya Ali has participated and presented the paper titled "Song Recomending Chat Boat" in the International Conference Materials & Communication Technologies.
- Ms Samya Ali has participated and presented the paper titled "Box of Joy" in the International Conference Materials & Communication Technologies
- Ms Samya Ali has participated and presented the paper titled "Box of Joy" in the International Conference Materials & Communication Technologies.
- Ms Samya Ali has participated in a webinar on "Crafting an effective Research Paper" organized by the Mechanical Engineering department of IESCE.
- Ms Samya Ali has participated and presented the paper titled "Classification of Air Pollution Levels Using AI" in the International Conference Materials & Communication Technologies.

## By Students

- Conference conducted on 15th May 2023
- Tech Fest conducted from 15/03/2023 to 17/03/2023.
- NSS Volunteers Fathima Rasha, Fathima Ranna, Nihal & Mufthar from S6, participated in the NSS Nature Camp, under the guidance of Program Officer Neethu Prabhakaran P on 07/02/2023.

## EXTRA CURRICULAR

### By Staff

- Ms Neethu Prabhakaran P, initiated the VARNA Campaign on behalf of NSS, wherein the NSS team of IES College of Engineering, visited an LP School to give stationary items and interact with the children on their first day of School.

- Ms Neethu Prabhakaran P, celebrated the World Environment Day, on behalf of NSS, by conducting a Tree Plantation Drive in front of the Main Block of IES College of Engineering, which witnessed the presence of the Members of Management, (Vice President Mr. Abdul Rasheed K.P. & General Secretary Mr. Mohammed Rafeek P.C.), Principal Dr. S. Brilly Sangeetha, & Vice Principal Dr. Lince Mathew.

- Ms Neethu Prabhakaran P, on behalf of NSS, celebrated the "World Reading Day" at IES College of Engineering, by organizing a single day event to raise the importance of Books and the hobby of reading, in the minds of Engineering students. The event was held at IES College Auditorium, which witnessed the presence of Members of Management, (Secretary Mr. Ummer N.K. & Vice President Mr. Abdul Rasheed K.P.), Principal Dr. S. Brilly Sangeetha, Vice Principal Dr. Lince Mathew, ME HoD Dr. A. Benham & CE HoD Dr. P. Mahadevan.

- To celebrate the World Reading Day outside of IES Education City, the NSS Cadre of Students from IES College of Engineering under the leadership of Ms Neethu Prabhakaran P visited the LP School Chittilappilly to impart the wisdom behind the importance of reading, in the minds of young students, and share books as a token to help motivate them to read more

- Ms Neethu Prabhakaran P, on behalf of NSS, arranged a Yoga Session for students from NSS Cadre of IES College of Engineering, by Christo Chacko (South Zone Yoga Competition Runner-up) at Vilangan Hills Thrissur, to celebrate the International Yoga Day and bring a sense of awareness and importance of Yoga, and how it can impact our daily life routine.

- Ms Neethu Prabhakaran P, conducted the Anganwadi Painting at IES College of Engineering, as part of NSS Activity.



- Haritha, Gourinandhana from S6 CS has participated in the invigoration workshop offered by Sketch Bytes LLC, MD on 01/05/2023.

- Students of S6 Computer Science and Engineering went for 5 day Industrial Visit to Dandeli and Goa from 29/04/2023 -03/05/2023.

- Students of S8 Computer Science and Engineering went for 10 day Industrial Visit to manali from 29/04/2023 -10/05/2023

- Reading Day 2023, was celebrated at the IES Auditorium, by the NSS, wherein students and faculty were invited to celebrate the importance of reading and inculcate and develop the need of reading, which can help gain practical and real life experience.

## PLACEMENT CELL

- 38 Students from S8 Computer Science and Engineering got placed at Tenzotech, Sutherland, TATA ELXI, ESAF Bank, Pentagon space and their offer letters were given to them during the Zenith '23.

- Zenith 2023 was conducted for the students of IES College of Engineering to honour and appreciate all those students, who have been placed, and to award the Best Outgoing student from each department, and from the overall college.



- Neethu Prabhakaran (AP/CSE) participated Clean Tech Challenge Grand finale and NSS Annual meet conducted on 12th and 13th of April at College of Engineering, Trivandrum.

## By Students

- Fathima Rasha, Fathima Ranna, Sreelakshmi, Riya, Senin, Ameen, Nihal from S6CSE participated the NSS Flagship program-RUDHIRASENA Orientation Program on 07/02/2023
- Adhul Shaju from S6 CSE participated the third edition of Professional Students Summit, held at Adlux International Convention Center, Anagaly on 11/02/2023
- Neha Jaison , Arjun and Sreehari from S8 CS participated Education Expo at Seethi Sahib memorial vocational higher secondary School, Edakkazhiyoor on 22/02/2023.
- Safa Akbar from S6 CSE completed the course "Introduction to Digital Marketing" ,Infosys-Springer-Board on 24/02/2023.
- As part of the Reading Day ,organized jointly by the IES Library and NSS, prizes were given to Gopika (S4 CSE), Krishna(S6 CSE), Parvathy( S8 CSE) who used the college library most.
- Students from S6 and S4 participated 5 days International workshop on "Inverse Bionics" from 1st -5th April 2023.
- IEEE Orientation Program conducted for S6 students at EEE seminar hall.
- Ifthar Meet conducted in association with CESA on 13/04/2023.
- Off-Stage events conducted on 18/04/2023.
- Abhyudhaya 2022-23 Students Union Arts Fest conducted from 25/04/2023 to 27/04/2023.

## EDITORIAL BOARD

**Chief Editor** : Dr. G.Kiruthiga (HOD/CSE)

**Editors** : Linny Sunny (AP/CSE)

Jithu P J (Instructor/CSE)

**Co-ordinator** : Aparna Anilkumar

(Student – S8/CSE)

