



# Dayananda Sagar University

Bengaluru

## SOE-BULLETIN

The Official Newsletter of **School of Engineering**



# SCHOOL OF ENGINEERING

## Vision

To Transform life through Excellence and Innovation on in Engineering Education and Research with an emphasis on Sustainable, Inclusive Technology and Global needs.

## Mission

To Develop School of Engineering at Dayananda Sagar University, as Center of Excellence by imparting Quality Education and Research to generate highly Competent, Skilled and Humane manpower to face emerging Technological, Scientific and Social challenges with Ethics, Integrity, Credibility and Social concern.

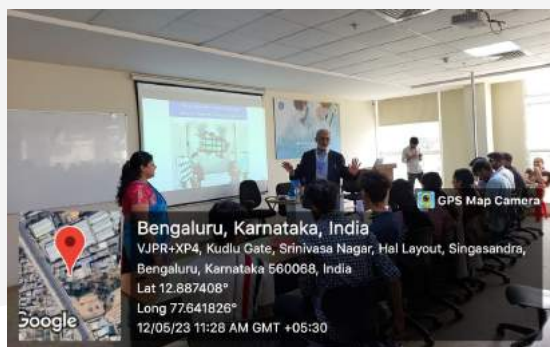


# TECH TALKS

## Transforming Dreams into Reality: The Roadmap to Success

The **DataScience@DSU Club**, the Department of CSE (Data Science) organized a Motivational Talk on "Transforming Dreams into Reality: The Roadmap to Success" held on **12th May, 2023** organized by Dr. Shaila S G, Professor and Chairperson, Dept. of CSE (Data Science), Prof. Shivamma D, Assistant Professor, Dept. of CSE (Data Science).

The Speaker **M K Krishna** emphasized the importance of self-belief and confidence. They highlighted that believing in oneself is the first step towards achieving any goal. Various techniques and practices were shared to boost self-confidence and develop a positive mindset.



The talk focused on goal setting and the significance of defining clear and specific objectives. The speaker provided practical tips for setting realistic and achievable goals, breaking them down into actionable steps, and creating a timeline for their attainment. They stressed the importance of **aligning goals with personal values and aspirations**.

**Keynote Speaker:** Sri M K Krishna, Founder President, GGC (Giant's Group of Garden City), Bangalore

## Tech Talk on "Sustainable Transport for a Better Tomorrow: A Vision of the Future"

The **Ganakaanveshana Club** of the Department of Computer Science and Engineering coordinated by **Dr. Savitha Hiremath** Associate Professor CSE, DSU **Prof. Nandini K** Assistant Professor CSE, DSU **Prof. Shwetha G S** Assistant Professor CSE, DSU, School of Engineering, Dayananda Sagar University conducted a Tech Talk on "Sustainable Transport for a Better Tomorrow: A Vision of the Future" on 2nd May 2023. It was undertaken by **Mr. Patrick Lindergren**, Co-founder and CTO-Vialumina, Sweden and team.



## World telecom day

Department of ECE, SoE, DSU celebrated **World telecom Day** by organizing a talk on “**Empowering the least developed countries through information and communication technologies.**” Dr. Vinu, associate professor, ECE department conducted an interactive session with students to enlighten them **towards ethical side of advancement** in technological advancement. World telecom day was celebrated on **May 17th, 2023**. After the talk, technical quiz was organized in which students actively participated. Event was coordinated by Nandini Rao G.



# EVENTS

## Enigma Quest-Crack Code the & Claim the Crown

This event was organized to enhance the skills of Algorithms for **DSU B.Tech Students**. Enigma Quest had 3 sets of rounds where students are asked to solve the code, puzzle, jumbling word arrangement, crack the code snippet, aptitude, logical reasoning & various MCQ's. Event had conducted with a server and web page <https://enigma-server-face-blx6.vercel.app/>. Around 25 teams have registered from CSE, Cybersecurity, Dat Science, Aerospace & AIML.

The event concluded with **3 teams** being awarded with first, second & third place. Cash prize along with memento & Certificate were distributed to the winners. E-certificate was presented to all the participators.



DAYANANDA SAGAR UNIVERSITY  
SCHOOL OF ENGINEERING  
DEPARTMENT OF CSE (AI&ML)

CRACK THE CODE  
CLAIM THE CROWN  
ENIGMA QUEST IS ON!

DSU X TEMPETE PROUDLY PRESENTS  
**ENIGMA QUEST**  
BY DEPARTMENT OF CSE(AI&ML)

REGISTER HERE  
[QR CODE]

CONVENERS:  
Dr. Udaya Kumar Reddy KR, Dean SOE  
Dr. Jayavinda Vrindavanam V  
Professor & Chairperson CSE (AI&ML)

FACULTY CO-ORDINATORS:  
DR. MONIKA GOYAL, ASSISTANT PROFESSOR  
DEPT. OF CSE (AI&ML)  
PROF. PRADEEP KUMAR, ASSISTANT PROFESSOR  
DEPT. OF CSE (AI&ML)

11 1:30 PM  
MAY 2023

STUDENT CO-ORDINATORS:  
Anuj Dwivedi - 9019458974  
Divith B S - 9025021947

**First Prize:** Tenzin Kalden ENG22CS0485, Jai Sankar ENG22CS0614, Vatsal Amrania ENG22AS0023.

**Second Prize:** Gaurav Kamath ENG20AM0023, Vedanth V Baliga ENG20DS0044, Arham Asif Syed ENG20AM013,

**Third Prize:** Suraj S ENG22CS0425, S Rayyan Ahmed ENG22CS0424, Shreyas Bharadwaj ENG22CS0459

## “Automata- 2023” Conducted by AI Works @ DSU Club

The **AI and ML department** organized an event by the AI Works @ DSU club, called **Automata**. Automata was a real-life problem-solving event where participants were given a problem statement and tasked with formulating an end-to-end solution for it.

The winners in each category were as follows:

**Healthcare:** Soorya B Raju, Soundarya Jois, Mukund Gupta, and Ashvani Chaudhary.

**E-Commerce:** Vishakh Rakshith, Yash Chaudhary, Vishal Binil, and Vinu Raj Vamshi.

**Cybersecurity:** Disha K Nanjunda, Diya Sujil, Divyanshu, and Ashish Patil.



Dayananda Sagar University  
School of Engineering  
Kudlu Gate, Hosur Main Road, Bengaluru-560068  
Department of Computer Science and Engineering  
(Artificial Intelligence and Machine Learning)

**AUTOMATA**

An open call to the problem solvers and computer science enthusiasts of our community!

Join us in an event where your technical prowess meets your creative ingenuity. Use computer science to tackle real-life problems and find end-to-end solutions.

Winners will be awarded with cash prizes!

7th May  
10:15 am onwards

[Click here to learn more](#)

Register using the QR Code

Organizers:  
Udaya Kumar Reddy K R  
Professor, School of Engineering  
Jayavirinda Vindavanam V  
Professor and Chairperson,  
Department of CSE (AI & ML)

Faculty Coordinator:  
Mr. Pradeep Kumar  
Assistant Professor,  
Department of CSE (AI & ML)

Student Coordinators  
Sri Bharath Sharma P  
8978636797  
Yudhajit Jana  
8123438363

## “DSU\_Smash\_N\_Sprint”

The DSU badminton tournament was a well-organized physically and mentally refreshing event. It started at 10:00 AM and went on for 7 hours until 5:00 PM. All the faculty coordinators were present and made sure the event went on without any hassles. Spot registrations enabled more number of participants to enrolled and play actively. There were approximately 75 matches played in all 5 categories of Men’s singles, Men’s doubles, Women’s singles, Women’s doubles and mixed doubles.

Winners:

- Women’s Doubles:** Sharmili & Smrithi
- Women’s singles:** Sharmili
- Men’s Singles:** Ansh
- Men’s Doubles:** Jeramiah & Ansh
- Mixed Doubles:** Ansh & Smriti



# Voting Awareness Program

Department of Computer Science and Engineering (Cyber Security), organized a social outreach program on **“Voting Awareness Program”** on **08th May 2023**. The students of the department had prepared Plaques with the messages conveying importance of voting and urging all citizens to Vote in the Karnataka Legislative Assembly Elections. Charity begins at home. Therefore, students and Faculty gave awareness in the DSU Campus from Morning 8:30 to 9:15, then had a **“Pathsancharan”, the rally** in and around the Kudlu gate covering Udupi Upahar, Raghavendra swamy temple etc and then returned to campus by 10:30 AM. Dr. Bhagyajyothi, NSS Coordinator, supported for the event.

Student Volunteers, visited the individual classes and spoke about the importance of Voting as many of the students are First time voters. Student Volunteers participated in the event belong to **1st, 2nd and 3rd Year of CSE (Cyber Security)**. In the afternoon a street Play on voting awareness of 10 minutes was presented near the Food Truck, in the quadrangle.



## Faculty Industry Connect

On the eve of National Technology Day on May 10th 2023, **Dr. Basavaraj N. Hiremath**, Professor and **Dr. Pramod Kumar Naik**, Associate Professor visited Numerous motors the EV industry @ **Narasapura facility in Kolar district** for Understanding areas of Innovation and Industry collaboration.



## MoU with Nokia

The Department of Computer Science and Engineering under the tutelage of the Dean and chairperson **Dr. Girisha** has signed for updating and continuing MOU with **Nokia Bangalore on 2nd May, 2023**. This year 19 of our students are placed in Nokia, and they have promised to run one more **advanced 5G course** next semester. Nokia have also hired six 3rd year students on their live project and they are also going to offer one more live project to the students.



## Industrial visit: ISRO

The Department of CSE organized an Industrial visit to ISRO Bangalore on **12th May 2023**. 32 students of 6th semester CSE along with 5 faculties from CSE Department visited URSC, ISRO Bangalore. **ISRO** Scientist Dr Srinivas, URSC explained about satellites and rockets which inspired our students about space technology. Also, they visited a space technology exhibition. The visit to the **UR Rao Satellite Centre** was an enlightening and enriching experience. The event was organized by Dr. Gopalsharma R Joshi, Professor, Space Research & PoP CSE Dr. Rajesh TM, Associate Professor, CSE and Dr. Tina Babu, Assistant Professor, CSE.



## Outreach Activity: WNTD

The Dept of CSE and NSS unit of DSU supported the **WNTD** event held today by deputing 45 students for the programs including **5-10 volunteers** (Youth Champs). The program is conducted in association with various Govt departments, education institutions and Civil Society Organizations. The event was coordinated by Prof. T K Pradeep Kumar, Prof. Veena, Prof. Dharmendra and Dr. Bhagyajyothi.



## IETE Conference

DSU CSE Team Visited BEL Nalanda Innovation Unit on the event of **IETE Conference** also met Dr. Kishore and team for **R&D** and **Industry Academia Collaborations**.



## Quiz on National Technology Day

On the account of "**National Technology Day**", the Department of Computer Science and Engineering in association with Data analytics and Visualization Club organized a quiz competition for the **4th semester Students** of CSE clusters.



## ACM Student Chapter-Inauguration

On **May 30, 2023**, the Department of Computer Science and Engineering officially established the ACM Student Chapter under the guidance of Dr. Udayakumar Reddy, Dean, SOE, and Dr. Girisha G.S., Chair of CS&E. Student coordinators for the chapter were Dipto Dey and Duranjit Bharadwaj, while faculty coordinator was Dr. Meenakshi Malhotra. ACM distinguished speaker and manager of the **IT community** Siddhant Agarwal of APAC-NEO4j gave the keynote address on "Graphs on Everywhere". The event was targeted at **B-Tech students** in their second and third years of study in CS&E. The main objective of the event was to familiarize students with ACM technical forums so they could explore current research initiatives.



## Training session on FPGA Based IP Design and Verification using Verilog with XILINX Vivado

A training session on “FPGA Based IP Design and Verification using Verilog with XILINX Vivado” is conducted from 11 AM onwards on **13th May, 2023** at room no. G-022 by the department of Electronics and Communication (ECE), School of Engineering (SoE), Innovation Campus, Dayananda Sagar University. Dr. Theodore Chandra S., Chairman of the ECE department, was the convener for this session and Dr. Shirshendu Roy, assistant professor in the ECE department, co-ordinated this training session.

chnology exhibition. The **visit to the UR Rao Satellite Centre** was an enlightening and enriching experience. The event was organized by Dr. Gopalsharma R Joshi, Professor, Space Research & PoP CSE Dr. Rajesh TM, Associate Professor, CSE and Dr. Tina Babu, Assistant Professor, CSE.



## International light day celebration

**Department of ECE**, SoE, DSU celebrated International Light Day by organizing poster presentations on the topic of applications of EM waves on **May 16th**. The International Day of Light is celebrated on 16 May each year, the anniversary of the first successful operation of the laser in 1960 by physicist and engineer, Theodore Maiman. This day is a call to strengthen scientific cooperation and harness its potential to foster peace and sustainable development. Nandini Rao, assistant Professor from **ECE department briefed students about the importance of light as in photonics in engineering applications**. 12 teams from ECE department had prepared posters on applications of EM waves. Posters included areas such as optical fiber communication, laser surgery, photonics in medical engineering.

## Farewell - "Samavarthana" 2023

**Department of Computer Applications** at SOE level in DSU, organized "**Samavarthana**" a farewell event for final year outgoing students of BCA VI SEM and MCA IV SEM on 13/05/2023 in a view to wish them with the theme "**Every Ending has a new beginning**". The event had begun with a floral welcome to our Pro-VC Dr. Amit Bhatt, Dean Dr. Udaya Kumar Reddy, Placement officer Mr. Guru Venkateshwar and Chairperson Dr. Vasanthi Kumari P along with all other department chairpersons of SOE. All the students were felicitated by the DEAN of SOE, Dr. Udaya Kumar Reddy while addressing the students, he explained how the students should prepare themselves for their future endeavors and wished them with his motivational speech. Later the final year students were asked to give their opinions about the university. They cherished their student life journey with DSU by projecting a video.



## "Cancer Awareness Outreach Program"

**Department of Computer Applications** lead the "Cancer Awareness Outreach Program - an NSS activity" organized for DSU students, wherein BCA 2nd students participated from 10.00 AM to 1.00 PM on 20th May, 2023. The program was initiated to create awareness of Cancer since there is huge outrage in cancer cases in society.

DSU SOE, BCA students from the Dept of Computer Applications had a **fruitful session** wherein the guidelines and **being better informed about cancer**, people can significantly reduce their health risk, and enjoy a healthy and happy life. Importance of the most effective ways of spreading awareness is through education and spreading information about cancer prevention, screening, and treatment.





# PROJECT EXPO

# Project Expo

## “MINDSPARK – 2023” Team of Tangents

The 2nd year (4th Semester) and 3rd year (6th Semester) Project Expo “**MINDSPARK - 2023**” Team of Tangents was conducted on **17th May, 2023** in the Department of Computer Science and Engineering (Data Science), SOE, Dayananda Sagar University. The entire event was planned and organized by Dr. Shaila S G, Professor and Chairperson, Dept. of CSE (DS), Prof. Shivamma D, Assistant Professor and Prof. Shahwar Ara Kamal S, Assistant Professor, Dept. of CSE (DS). Project Expo “**MINDSPARK - 2023**” Team of Tangents was inaugurated by the Chief Guest Mr. Sunil Kumar - Director of operations, Asia, Inheaden and Mr. Dennis Kohl - CEO, Inheaden, Germany

### Expert Panel:

- 1.Narasimha Sarovar, Global Senior Product Manager, Johnson Controls, Bangalore
- 2.Ashraff Sankanal, Senior Data Scientist, Altair, Bangalore.

### Special Guest:

- 1.Dr. K N B Murthy, Vice Chancellor, DSU
  - 2.Dr. Amit Bhatt, Pro-Vice Chancellor, DSU
  - 3.Dr. Udaya Kumar Reddy K R, Dean, SOE, DSU
  - 4.Dr. M K Banga, Dean Research, DSU
  - 5.Mr. Vijay Kumar, Placement Director, DSU
- Dr. Shaila S G Professor and Chairperson, Dept. of CSE (DS), Dayananda Sagar University encouraged everyone with her motivational speech and advised students to be more creative with innovative ideas and projects to address real time societal issues.

Finally, Prof. Shivamma D. concluded the event by expressing gratitude to all the guests, students, faculty members, and project teams for their dedicated efforts in making the event a resounding success.

### Objectives of the event:

The main objective of organizing the project expo is to provide the platform and unleash the potential of the students by showcasing their innovative projects based on either as Industry Define Problem or User Define Problem and provide an opportunity for the students to demonstrate their learning experience. Unique and innovative ideas were required in this event.



## Aero Expo 2023

**Aero Expo '23**, organized by the Department of Aerospace Engineering, was a grand event that brought together professionals, researchers, students, and enthusiasts from the aerospace industry. Held on **16-05-23**, the expo aimed to showcase the latest advancements, foster collaborations, and promote knowledge exchange within the field of aerospace engineering. The event featured project presentations by final year students as well as Poster-presentations by younger students working on mini-projects. The Chief Guest, Mr. Seshadri Venkatadri, Senior Principal Engineer, Collins Aerospace spent a few hours discussing with the participating students and expressed happiness at the motivational levels of the students and their Mentors. At the end, he adjudged three projects for the First, Second and Third Prizes. The First Prize was awarded to the Project titled “**High Altitude Balloon**” led by Abrar. Second prize was awarded to the Project titled “Development of an autonomous aerial system for collecting air data” and the Third was awarded to the Project titled “**Design optimization of a Nano Aircraft Wing**” led by Dhanush.



## PROJECT EXPO BY MCA

On **May 5th 2023** Department of **MCA** organized Mini Project Expo, Which focused on Applications of data structure. **The expo included students from is year MCA.** The expo started with a few thoughtful words by our honorable chairperson of MCA department Dr. Vasanthi Kumari mam. The words impacted on us to do more innovative things in upcoming days. After the expo started by formal welcoming of all the dignitaries presented in the expo.





# WORKSHOPS

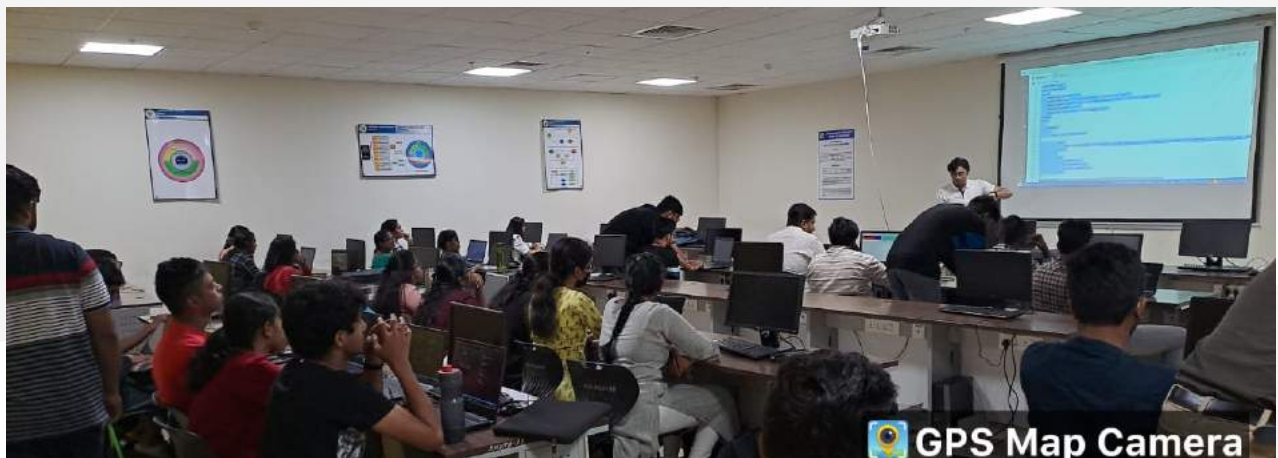
## 3 DAYS WORKSHOP ON “INDUSTRIAL IOT”

3 Days Workshop On “**Industrial IoT**” inaugurated by welcoming the resource person Chandrashekar Rao Kuthyar, by the chairperson Dr. M. Shahina Parveen, Professor, CST, SOE. He was a Consultant for Software Product Development and Technology. He has 35+ years’ experience in Software, IT, Product Development, Banking Technology and Telecom. Workshop was conducted for 3 days which includes two sessions. **Students from 4th sem, 6th sem students**, faculty from **CST department** participated in the workshop.



## Workshop: The Starbucks Landing Page

The **Starbucks Landing Page Workshop** was successfully conducted on Monday 29th April, 2023. The workshop was organized by Tech Tribe Club and was coordinated by Dr. Gousia Thahniyath, Department of Computer Science and Engineering. The workshop was attended by a total of 30 individuals, including 3 organizers and 4 student volunteers who helped with various aspects of the event. **The main objective of the workshop was to teach participants how to create an effective landing page of Starbucks website.**



## Workshop: Weather API: A Perfect Storm of Responsive Web Development using JavaScript!

**Dr. Gousia Thahniyath**, faculty Coordinator of Full Stack Development Student's Club organized a workshop on Weather API: A Perfect Storm of Responsive Web Development using JavaScript! On **17th May, 2023** for second, third and final year students.





# FACULTY ACHIEVEMENTS



**Dr. Shaila S G**  
Professor & Chairperson  
Department of DS, DSU.

### **Dr. Shaila S G – Professor & Chairperson**

1.Monish L, Sumana Sg, Shaila Sg, Atul Uppin, Deva Prasad Rr, Preetika Ray, Satvik Reddy A (Accepted) - **“Emotion Prediction based on Real-Time Crowd Analysis using Deep Neural Network”** in 10th International Conference on Recent Trends in Computing (ICRTC 2023), Springer.

2.Manju Swaroop V, Sanchith S, Sukrutha G, Shaila Sg, Monish L, Rajesh Tm (Accepted) - **“Sensitive Data Classification Using Deep Learning with Sequential Models: An Analysis of Performance and Comparative Study”** in 10th International Conference on Recent Trends in Computing (ICRTC 2023), Springer.

3.Shaila Sg, Vijayalakshmi Inamdar, Monish L, Rahul Kumar, Ruchith B M, Sagar M A, Sai Lakshmi Sridhar (Accepted) - **“Prediction of Breast Cancer using Machine Learning and Deep Learning Models”** in 10th International Conference on Recent Trends in Computing (ICRTC 2023), Springer.

1.Teashree K, Dr Rajesh T M, Shaila S G, Pritee Parwekar (Accepted) - **“Analysis of arrhythmia from electrocardiogram (ECG) data using ML framework”** in 10th International Conference on Recent Trends in Computing (ICRTC 2023), Springer.



**Prof. Monish L**  
Assistant Professor  
Department of DS, DSU.

### **Prof. Monish L – Assistant Professor**

1.Monish L, Sumana Sg, Shaila Sg, Atul Uppin, Deva Prasad Rr, Preetika Ray, Satvik Reddy A (Accepted) - **“Emotion Prediction based on Real-Time Crowd Analysis using Deep Neural Network”** in 10th International Conference on Recent Trends in Computing (ICRTC 2023), Springer.

2.Manju Swaroop V, Sanchith S, Sukrutha G, Shaila Sg, Monish L, Rajesh Tm (Accepted) - **“Sensitive Data Classification Using Deep Learning with Sequential Models: An Analysis of Performance and Comparative Study”** in 10th International Conference on Recent Trends in Computing (ICRTC 2023), Springer.

3.Shaila Sg, Vijayalakshmi Inaamdhar, Monish L, Rahul Kumar, Ruchith B M, Sagar M A, Sai Lakshmi Sridhar (Accepted) - **“Prediction of Breast Cancer using Machine Learning and Deep Learning Models”** in 10th International Conference on Recent Trends in Computing (ICRTC 2023), Springer.



**Dr. Tina Babu**  
Assistant Professor  
Department of CSE, DSU

Mohan V S, Abhay Gowda G K, Rekha R Nair, **Dr.Tina Babu** published paper in IEEE Conference on Recent Trends in Electronics and Communication (ICRTEC), titled **“Face Mask Detection using Mask R-CNN to control the spread of Covid-19”** on May 2023.

Raye Haarika, Tina Babu, Rekha R Nair, Rajesh T.M, published paper on Breast Cancer Prediction using Feature Selection and Classification with XGBoost in IEEE conference on Recent Trends in Electronics and Communication (ICRTEC), in 3rd May 2023.



**Prof . Revathi V**  
Department of DS, DSU.

Swati Jain and **Revathi V.** published a paper in GIS Journal entitled "A Review Paper on Software Bug Prediction Using Machine Learning Algorithms".



**Prof.Yashpal Yadav** was invited as a resource person for a workshop on MongoDB to ACU, BGSIT on 15th May,2023.



**Dr. Pramod Kumar Naik**  
Associate Professor  
Department of CSE, DSU

A South African patent has been granted to our department faculty members **Dr.Pramod Naik** and **Dr.Basavaraj N. Hiremath** on "A Novel Hardware Prototype for Crowd Monitoring System and a Method thereof".



**Dr. Basavaraj Hiremath**  
Professor  
Department of CSE, DSU



**Dr. Rajesh T.M**  
Associate Professor  
Department of CSE, DSU.

**Dr. Rajesh T.M.** and his scholar **Mr.Sharath** has successfully published a Patent entitled "Device for Identifying Object at Security Gate " at the Intellectual Property Rights of India.



**Mr.Sharath**  
Department of CSE, DSU.

1.Publication in Lecture Notes in Mechanical Engineering book series  
Passive Control of Transonic Unsteady Pressure Fluctuations Using Aerodisc.  
DB Singh, NAL, Gireesh Yanamashetti, NAL, GK Suryanarayana, DSU and G Jagadeesh, IISc.



# STUDENT ACHIEVEMENTS

# STUDENT ACHIEVEMENTS

**R Prem Kumar Reddy, Rakshita R, Ushashree N** (4th Semester J section Dept. of CSE (DS)) won the **First Place in Project Expo “MINDSPARK”** Team of Tangents (IOT) conducted by the Dept. of CSE (Data Science) on 17th May 2023.

**Mir Khyrun Ali, Prasad, Eshwar M, Nikunj** (4th Semester J section Dept. of CSE (DS)) won the **Second Place in Project Expo “MINDSPARK”** Team of Tangents (IOT) conducted by the Dept. of CSE (Data Science) on 17th May 2023.

**Chaithra K, Shubham Kumar, Nivas Reddy** (4th Semester J section Dept. of CSE (DS)) won the **Third Place in Project Expo “MINDSPARK”** Team of Tangents (IOT) conducted by the Dept. of CSE (Data Science) on 17th May 2023.

**Sukrutha G and Manju Swaroop V** (4th Semester J section Dept. of CSE (DS)) won the **First Place in Project Expo “MINDSPARK”** Team of Tangents (Data Science) conducted by the Dept. of CSE (Data Science) on 17th May 2023.

**Chandan M Poonacha and Rudra Narayan Chetty** (4th Semester J section Dept. of CSE (DS)) won the **Second Place in Project Expo “MINDSPARK”** Team of Tangents (Data Science) conducted by the Dept. of CSE (Data Science) on 17th May 2023.

**Ayesha Malaika and Varun N** (4th Semester J section Dept. of CSE (DS)) won the **Third Place in Project Expo “MINDSPARK”** Team of Tangents (Data Science) conducted by the Dept. of CSE (Data Science) on 17th May 2023.

**Manju Swaroop V, Sanchith S, Sukrutha G, Shaila Sg, Monish L, Rajesh Tm** (Accepted) - **“Sensitive Data Classification Using Deep Learning with Sequential Models: An Analysis of Performance and Comparative Study”** in 10th International Conference on Recent Trends in Computing (ICRTC 2023), Springer.

**Monish L, Sumana Sg, Shaila Sg, Atul Uppin, Deva Prasad Rr, Preetika Ray, Satvik Reddy A** (Accepted) - **“Emotion Prediction based on Real-Time Crowd Analysis using Deep Neural Network”** in 10th International Conference on Recent Trends in Computing (ICRTC 2023), Springer

**Patel Muhammad (ENG21CS0290)**, studying in 4th-semester has got selected for prestigious Google Summer of Code (GSoc) 2023 program with **Oppia foundations** to work on open-source software projects with experienced mentors during their summer break.

Final Year students of Computer Science and Engineering **Suma Mukkamala (ENG19CS0190), Neti Sahithi (ENG19CS0205), Nikitha Mekalacheruvu (ENG19CS0207), Pavithra Ankesh (ENG19CS0221)** under the guidance of **Prof. Shwetha G.S.** have won the **"Best Project Award"**, First prize and a cash prize of 2000K for the project entitled "Agriculture redefined: Automated hydroponics system with Blockchain" in Track 3-"Blockchain and IoT" in the Open House Project Expo-2023 Prelims "Kaushalya" organized by NMIT in association with IEEE on **May, 2023**. The selected teams will be participating in the final round which will be held in hybrid mode at AASTMT, Egypt during 2-3, September 2023.

The final year students of Computer Science and Engineering **Snavya, Varsha, Sindhu, supervised by Prof Veena M.** won first runner up for the project entitled "BREAST CANCER DETECTION USING QUANTUM ML AND QUANTUM DL AND COMPARISON WITH ML AND DL" at **National Unisys Innovation programme on 19th May, 2023**



**Mr. Shararth**, research scholar under the guidance of **Dr. Rajesh** completed his defense of the thesis work titled "A robust model for securing the data in video communication" on **May, 2023**.

## EDITORIAL BOARD

### MANAGING EDITOR



Dr. Uday Kumar Reddy K R  
Dean, SOE, DSU.

### EDITOR - IN - CHIEF



Dr. M. Shahina Parveen  
Professor & Chairperson, CST, DSU.

### Faculty Co-Ordinator

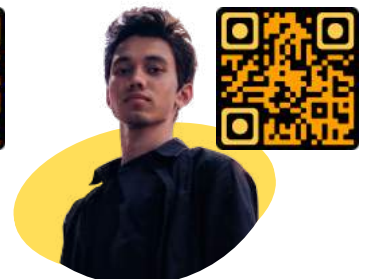


Prof. M. Chithambarathanu  
Assistant Professor  
Department of CST, DSU.

### Student Co-Ordinators



Anuj Dwivedi  
Department of CSE  
(AI&ML), DSU.



Harsh Manalel  
Department of CSE  
(AI&ML), DSU.



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University** Bengaluru

Kudlu Gate, Hosur Main Road, Bengaluru- 560114.