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**Six-Decade
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SCHOOL OF
ENGINEERING

Bengaluru

SOE-BULLETIN

The Official Newsletter of **School of Engineering**



August 2023

www.dsu.edu.in

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.



SCHOOL OF ENGINEERING



FDP

FDP on Data Analytics and Machine Intelligence for Cyber Security Threats and Challenges

This FDP provides a comprehensive overview of cyber data analytics and machine intelligence techniques specifically tailored to address the unique challenges posed by cyber threats. It is designed to equip faculties with the necessary knowledge about the cyber data science and skills to automate the security against cyber threats using machine and deep learning approaches



FDP : AWS Cloud Essentials

The Department of CSE has successfully conducted a five-day Faculty Development Program (FDP) on "AWS Cloud Essentials", from 9th August to 14th August 2023 at School of Engineering, Dayananda Sagar University, Kudlu Gate, Bangalore. The objective of the FDP is to train faculty with practical skills on AWS cloud services so that faculty members will train students on AWS cloud services. A total of 60 participants have registered for the course and have attended with 100% attendance. According to the schedule all the sessions were delivered effectively by respective speakers. The sessions were engaged by AWS certified Trainer from SSDN Technologies Pvt. Ltd, Gurugram, Haryana Mr. Aman Arya & Key Note sessions by Industry Expert Mr.Prabhudeva V,TCS & Mr. Santosh Gnanasekaran, BOSCH. The Five-Day Faculty Development Program on "AWS Cloud Essentials" successfully empowered participants with essential knowledge and skills in cloud computing and AWS services. The program not only enriched the participants' professional growth but also contributed to the integration of cloud technology in education and research. Co-Conveners Dr. Basavaraj N Hiremath, Dr. Pramod Kumar Naik, Dr. Arun Kumar Gopu identified the resource persons, trainers and coordinated along with the team, the entire FDP



“Student NAAC Connect: Bridging Awareness”

The Department of CSE (Data Science) organized an awareness program on “Student NAAC Connect: Bridging Awareness” held on 18th August 2023, from 10:00am to 11:00 am organized by Dr. Shaila SG, Professor & Chairperson, Dept. of CSE (Data Science), Prof. Monish L, Assistant Professor, Dept. of CSE (Data Science).

The Speaker in-house faculty Prof. Monish L gave an insight on understanding of NAAC (National Assessment and Accreditation Council), its role in assessing and accrediting higher education institutions, and its significance in maintaining quality education



Bridge Course: Mathematics for Machine Learning

Department of Computer Science and Engineering conducted a Bridge Course on "Mathematics for Machine Learning", in virtual mode from 25th July 2023 to 2nd August 2023. Dr. Ravi Kumar Y B, Associate Professor, Dept. of CS&E facilitated the course. The intended audience were 4th Semester CSE and allied branches, who have been promoted to V Semesters. There were around 360+ students who attended this bridge course.

DAYANANDA SAGAR UNIVERSITY
School Of Engineering
Department of Computer Science and Engineering
Cordially invites you to a
BRIDGE COURSE
MATHEMATICS FOR MACHINE LEARNING
Starts from 25th July 2023

36 hour Program for 5th Sem CSE students

Course Objectives

- To bring basics of Machine Learning
- Statistics for Machine Learning.
- Transitioning to AI and ML roles.

Course Outcomes

- To apply various Statistics in ML.
- To Implement ML algorithms in Python and associated Packages

Convener

Dr. Udaya Kumar Reddy K.R
Dean, SOE
Dr. Girisha G.S
Chairperson CSE, SOE.

Topics Covered

- Introduction to Linear Algebra
- Statistics
- Mathematics in Supervised Learning - Classification
- Dimensionality Reduction
- Eigen Values Decomposition
- Higher Dimensional Features with Matrices
- Feature Regularization in ML

Organizer & Resource Persons

- Dr. Ravi Kumar Y B
Associate Professor,
CSE, SOE.

Note:
PyCharm Community Edition Open-Source Software (Free)
Participation Certificates are issued

Registration Link: [MATHEMATICS FOR MACHINE LEARNING \(google.com\)](#)

Phone and Email: [91 9442461100](tel:919442461100)
cs@dsu.ac.in

Zoom Webinar

Recording... | A participant has enabled Closed Captioning | Who can see this transcript? Recording on | Sign in | 00:32:30 | View

Dr. Ravi Kumar...

Participants (111)

Participants (109)

Q Search

- Sri Devi C.R
- sriniketh
- SUBHODH SATISH BILUR_ENG21CS0419
- Sudheep D.G.
- Sunaj R.B
- swapanil paricha-ENG21CS0432
- Tania Binu
- Sejal Dalvajna
- U Sriram
- Usha Shree
- V.Kartik
- Vandana M.V
- Vidyashree | Allow to Talk
- VL RAGAVI
- Yashas M

Lower All Attendees' Hands

Mute | Start Video | Participants | G&A | Chat | Share Screen | Raise Hand | Apps | Whiteboards | More | Leave

25°C Parthi sunny | Search | 10:03 28-07-2023



**SCHOOL OF
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VALUE ADDED COURSE

"Machine Learning Models and its Mathematical Framework"

The value-added course on "Machine Learning Models and Its Mathematical Framework" provided students with an opportunity to learn the fundamental principles and mathematical intricacies that form the basis of various machine learning algorithms and how these concepts are applied in real- world scenarios, particularly in the realms of IoT, Cybersecurity, and NLP.

The screenshot shows a Google Meet window with a presentation slide titled "LOGISTIC REGRESSION". The slide content includes:

- Header: LOGISTIC REGRESSION
- Diagram: A "Logistic Regression Model" diagram showing three input variables X_1 , X_2 , and X_3 (represented by blue, green, and orange circles) with corresponding weights θ_1 , θ_2 , and θ_3 (represented by yellow circles). Arrows point from these inputs to a central green hexagonal node. From this node, two red arrows point to two penguin icons labeled "Happy" and "Sad".
- Equation: Below the diagram, the equation is given as:
$$\text{Input: } X_1, X_2, X_3 \text{ \& Weight: } \theta_1, \theta_2, \theta_3 \text{ \& Output: Happy or Sad}$$

The meeting interface shows the presenter as "Sasikala N (Presenting)" and a list of participants including Kunjan Kumar S..., REDDIMALI HE..., Yaseenth Ehart, VISHAL V, Grishma Reddy, K. nageshwar D..., and rajeo jagadeesan.

The screenshot shows a Google Meet window with a presentation slide displaying a data table. The presenter is "Savitha Hirernath (Presenting)".

The table content is as follows:

Student Name	Roll No	Grade	Percentage
ABHIRAM	1001	10	85
ADARSH	1002	10	78
ADITHYAN	1003	10	92
ADITHYAN	1004	10	88
ADITHYAN	1005	10	80
ADITHYAN	1006	10	75
ADITHYAN	1007	10	82
ADITHYAN	1008	10	79
ADITHYAN	1009	10	86
ADITHYAN	1010	10	81

The meeting interface shows the presenter as "Savitha Hirernath" and a list of participants including "20 others" and "rajeo jagadeesan".

On the right side, there is an "In-call messages" section with the following content:

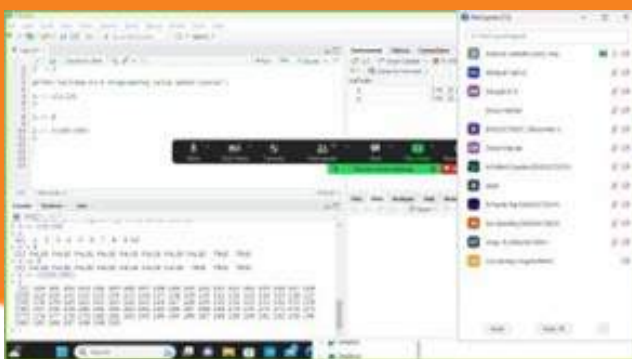
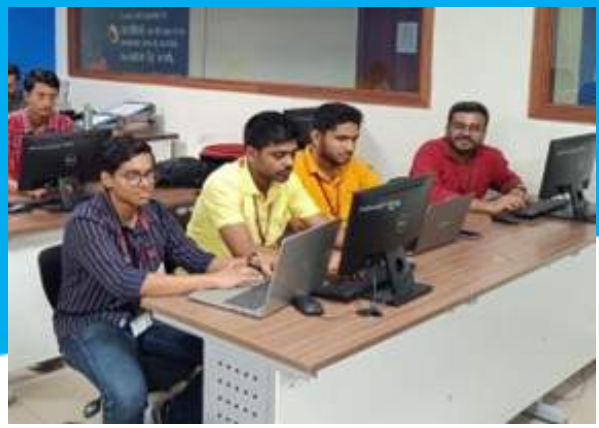
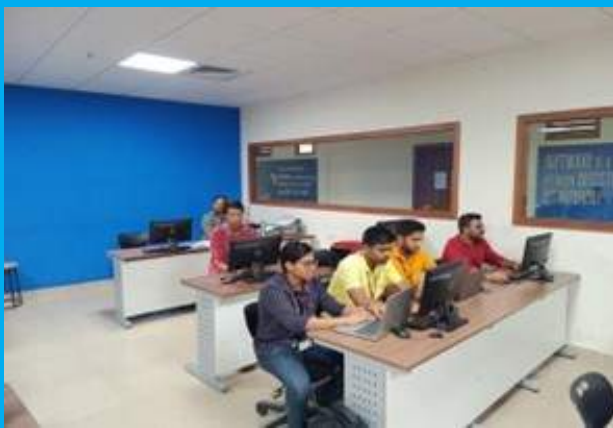
- Message: "Messages can be seen only by people in the call and are deleted when the call ends."
- Message: "REDDIMALI HEMANTHKUMAR REDDY EWG2JAM0094 1:27 screen is not shared mam"
- Message: "You 13:01 how its file name"
- Message: "You 13:01 <https://forms.gle/vL0H7heC8QmwevZ> students pls fill the attendance form"

“Application Development using R-Programming and Streamlit”

Target audience 7 th Semester students of Computer science and Technology

The Department of Computer Science & Technology is Successfully completed the Value-Added Course on “Application Development using R-Programming and Streamlit” from 07/07/2023 to 18/08/2023, for 30 hours.

Resource Person: Dr. Santosh Kumar, Associate Professor, CST

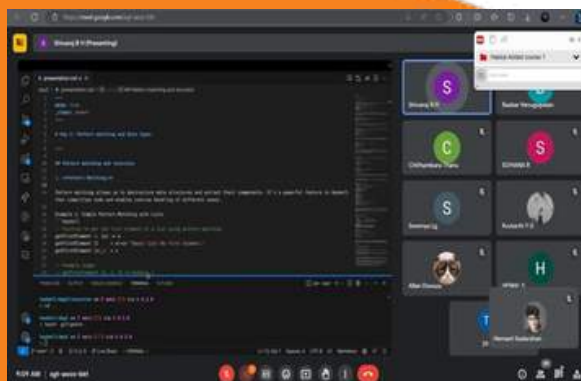
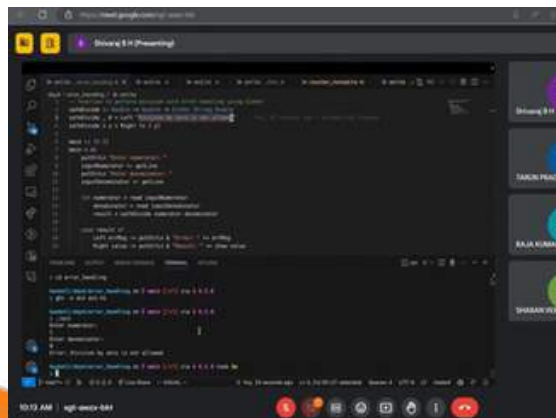
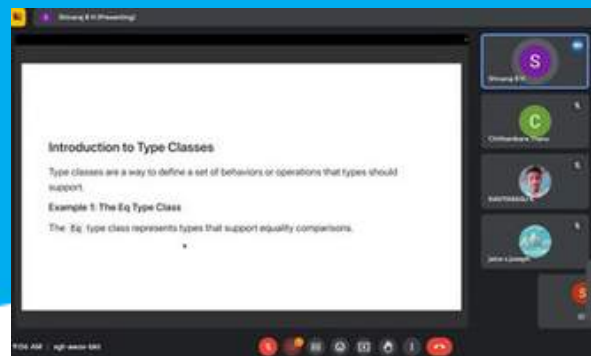


"Functional Programming 101 with Haskell"

Target audience 5 th Semester students of Computer science and Technology

The Department of Computer Science & Technology has organized a 30 Hours Value-Added Course on "Functional Programming 101 with Haskell" from 7 nth to 17th August 2023 in Hybrid mode. Students successfully completed the value-added course.

Resource Person: Mr. Shivaraj, Product Engineer, Juspay





**SCHOOL OF
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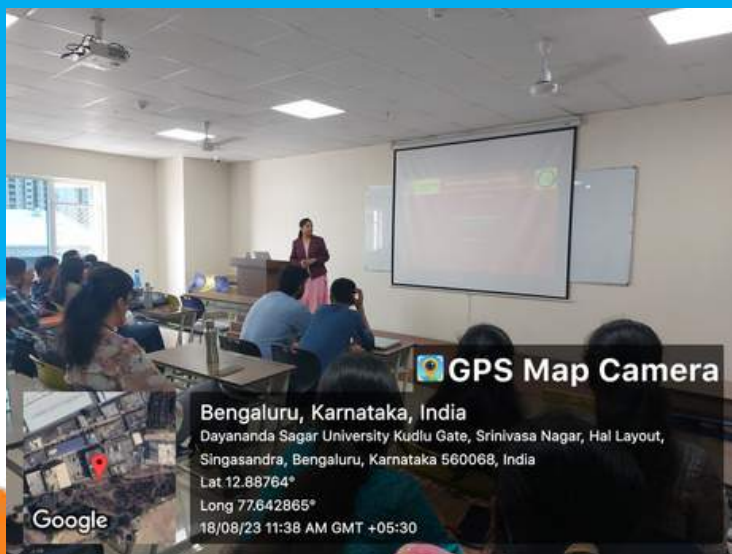


WORKSHOP

"Ink and Insight: An Art of crafting Research Papers and Thesis"

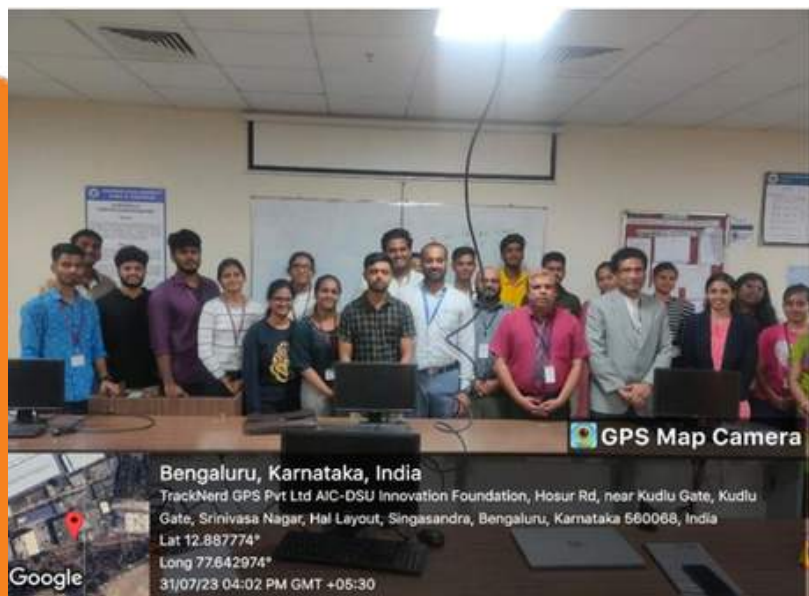
The DataScience@DSU Club, the Department of CSE (Data Science) organized a workshop on "Ink and Insight: An Art of Crafting Research Papers and Thesis" held on 18th August 2023 organized by Dr. Shaila S G, Professor and Chairperson, Dept. of CSE (Data Science), Dr. Kakoli Bora, Associate Professor, Prof. Shahwar Ara Kamal S, Assistant Professor, Dept. of CSE (Data Science).

The Speaker was in house faculty Dr. Kakoli Bora gave an insight on how to write research papers. The session started with an introduction to the different technical documents like scientific paper, user manuals, whitepapers, and about journal and conference papers. The speaker discussed the procedures to be followed and each component of a research paper.



“Modelling and Simulation in MATLAB - Computational Mathematics”

The Department of Computer Science and Engineering and Department of Mathematics collaborated to organize a 5-day summer School course on "Modelling and Simulation in MATLAB - Computational Mathematics" held from 25th July 2023 to 31st July 2023. A total of 40 students were registered, with a specific emphasis on learning. The session was handled by Dr. Pramod Kumar Naik, Dr. Basavaraj N Hiremath, Dr. ArunKumar Gopu, Dr. Ravinder Singh K, Dr. Narayani, Prof. Bhaskar V from Department of CSE and Professors from Department of Mathematics. Participants were provided with a comprehensive understanding of MATLAB, Simulink, ODEs, PDEs, curve fitting, optimization techniques, and more. The various case studies and projects offered valuable practical experience, equipping the participants with essential skills in computational mathematics.



"Mobile Computing and Application Development"

Department of CSE conducted a Five -day workshop on "Mobile Computing and Application Development" from 22nd August 2023 to 28th August 2023 in virtual mode. 5th Sem CSE Students were the target audience. Mr. Shesha Shankar Associate Consultant, Cognizant Servian was the Resource person.

Dayananda Sagar University Bengaluru

Department of Computer Science & Engineering
Five-day workshop(Virtual) On
Mobile Computing and Application Development
22nd - 28th August 2023
Time: 12:30 PM to 4:30 PM

Conveners
Dr.Udaya Kumar Reddy K R
Dean, SOE

Dr. Girisha G S
Chairman CSE,SOE

Topics Covered

- Mobile operating systems.
- Android Studio -project structure.
- Android Views & Layouts.
- Activities & Fragments in Android
- SQLite, Realm & Firebase.
- Android networking & architecture patterns.
- Cross-platform apps - Flutter.

Resource Person
Mr.Shesha Shankar
Associate Consultant, Cognizant Servian

Faculty Coordinator
Prof.Ranjini K
Assistant Professor, CSE

Prof.Gaurav Kumar
Assistant Professor, CSE

Prof.Vedashree L V
Assistant Professor, CSE

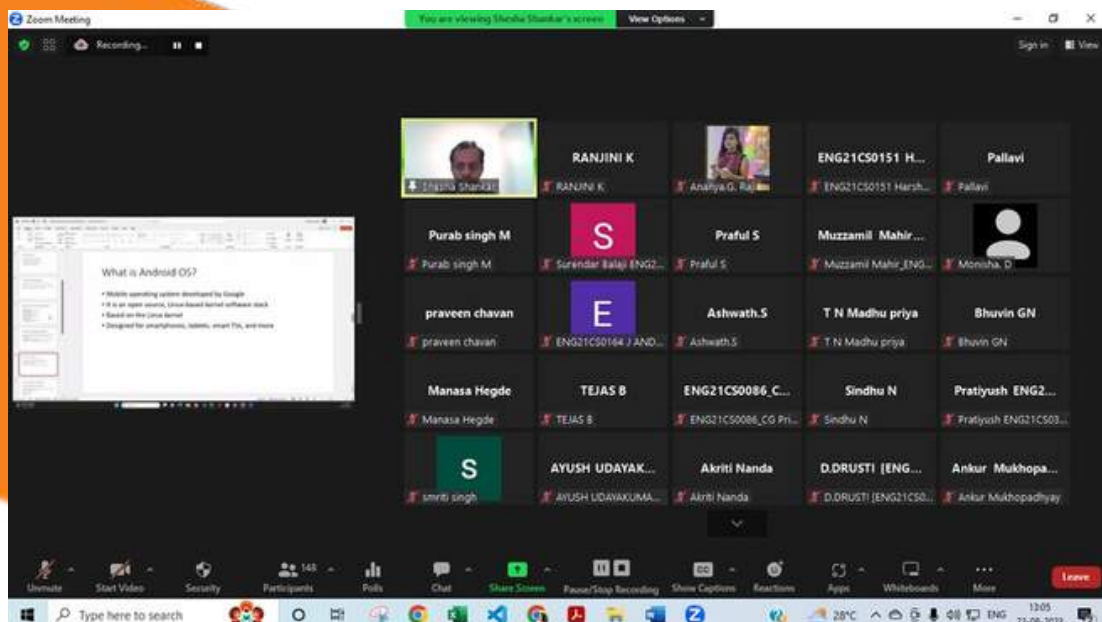
Prof.Bharathy Vijayan
Assistant Professor, CSE

Student Volunteer
Mr.Shreyas Shet
7th Sem, CSE

Target Audience
5th Sem CSE Students and
Faculty of CS&E

Objectives

- To obtain an overview of mobile operating systems.
- To be familiar with Android Studio and its project structure.
- To design various Views followed by various Layouts in Android.
- To learn Activities and Fragments in Android.
- To acquire knowledge on SQLite, Realm and Firebase for database connectivity in Android.
- To learn basics of Android networking concepts & architecture patterns.
- To develop simple cross platform apps using Flutter.



"Advanced FPGA Implementation using Verilog"

The Department of Electronics and Communication organized a Five-day workshop on 'Advanced FPGA Implementation using Verilog' for Third-year and Fourth-year students from 08.08.2023 to 12.08.2023. This workshop aims to facilitate the students with hands-on experience in FPGA implementation. The five-day workshop was inaugurated by Mr. Manish Agarwal, Lead RTL and Verification, DXCorr Hardware Technologies, convened by Chairman, ECE, Dr. Theodore Chandra S. Mr. Manish Agarwal delivered a session on insights of VLSI technology and its relevance in the industry

Five Day Workshop on
"Advanced FPGA Implementation using Verilog"
August 8th-12th, 2023

Program Schedule

Day/Topic	Session 1 08:00 - 10:00 AM	Session 2 10:00 AM - 12:00 PM	Session 3 02:00 PM - 04:00 PM
08/08/2023 Inauguration	Inauguration by Dr. Theodore Chandra and other faculty (08:00 - 09:00), Break (9:00 - 10:00)	Insights on VLSI technology by Mr. Manish Agarwal (10:00 - 11:00), Break (11:00 - 12:00)	Design and simulation of basic digital blocks using Verilog HDL (02:00 - 03:00), Break (03:00 - 04:00)
08/09/2023 Fundamentals	Review of major Verilog coding standards (08:00 - 09:00), Break (09:00 - 10:00)	Training on advanced Verilog coding standards (10:00 - 11:00), Break (11:00 - 12:00)	Training on coding for FPGA implementation (02:00 - 03:00), Break (03:00 - 04:00)
08/10/2023 Practicals	Hands-on experience of Verilog coding by Dr. Theodore Chandra (08:00 - 09:00), Break (09:00 - 10:00)	Hands-on experience of Verilog coding by Dr. Theodore Chandra (10:00 - 11:00), Break (11:00 - 12:00)	Hands-on experience of Verilog coding by Dr. Theodore Chandra (02:00 - 03:00), Break (03:00 - 04:00)
08/11/2023 Practicals	Hands-on experience of Verilog coding by Dr. Theodore Chandra (08:00 - 09:00), Break (09:00 - 10:00)	Hands-on experience of Verilog coding by Dr. Theodore Chandra (10:00 - 11:00), Break (11:00 - 12:00)	Hands-on experience of Verilog coding by Dr. Theodore Chandra (02:00 - 03:00), Break (03:00 - 04:00)
08/12/2023 Practicals	Hands-on experience of Verilog coding by Dr. Theodore Chandra (08:00 - 09:00), Break (09:00 - 10:00)	Hands-on experience of Verilog coding by Dr. Theodore Chandra (10:00 - 11:00), Break (11:00 - 12:00)	Hands-on experience of Verilog coding by Dr. Theodore Chandra (02:00 - 03:00), Break (03:00 - 04:00)

"Let your passion for electronics be the driving force behind your pursuit of excellence"

Dayananda Sagar University
School of Engineering

Department of Electronics and Communication

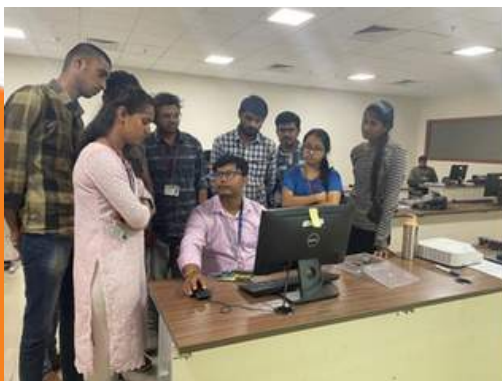
Sponsoring
Five Day Workshop on
"Advanced FPGA Implementation using Verilog"
August 8th-12th, 2023

Mr. Manish Agarwal,
Lead RTL and Verification,
DXCorr Hardware
Technologies

Dr. Subhrajit Mitra,
RTL Engineer,
Brightways India


Coordinators:
Dr. Shirshendu Roy
Prof. Shwetha M P
Prof. Jay N K
Assistant Professor
Department of ECE


Convenor:
Dr. Theodore Chandra,
Chairman
Department of ECE



Placement preparation Workshop

Dayananda Sagar University in collaboration with Coding Ninjas Studio is delighted to unveil the 'Placement Preparation Special Workshop,' a dynamic 3-day event crafted to empower you for triumphant placements. Starting this Friday and spanning the weekend, each day promises three intensive hours of game-changing insights, learning, and engagement." An accomplished speaker Shantanu Shubham, Ex-Amazon, SDE, currently working in G-P/Globalization Partners is skilled in DSA, career guidance, programming, Git, AI/ML, full-stack development, and more.

 **Dayananda Sagar University** Bengaluru

 **CODING NINJAS**


LIVE WEBINAR


Department of Computer Applications

PLACEMENT PREPARATION WORKSHOP

Discussion And Insights

Dayananda Sagar University in collaboration with Coding Ninjas Studio is delighted to unveil the 'Placement Preparation Special Workshop,' a dynamic 3-day event crafted to empower you for triumphant placements. Starting this Friday and spanning the weekend, each day promises three intensive hours of game-changing insights, learning, and engagement."

The Event Will Be Held On 
25,26 & 27 August, 2023

TIMINGS 
Friday: 3pm to 5pm (2hours), (7pm-8pm)
Saturday and Sunday: 11am to 2 pm

Meet the Speaker

Shantanu Shubham – Ex- Amazon, SDE
Current Company: G-P/Globalization Partners
Designation: Software Engineer II

Introducing Shantanu: an accomplished speaker skilled in DSA, career guidance, programming, Git, AI/ML, full-stack development, and more. With a wealth of public speaking experience, he delivers invaluable insights to audiences of varying expertise. Whether you're a beginner or a seasoned professional, Shantanu's expertise will undoubtedly enhance your skills and propel your career forward.

Organizer
Dr.Sandhya Madhuri G

Convener
Dr.Vasanthi Kumari P

Visit For Registration
<https://t.ly/vmZ1S>

 **REGISTER NOW**



**SCHOOL OF
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INTERNSHIP

CSE - AIML

Dayananda Sagar of Engineering- SOE- CSE(AIML) 25 students of 6th semester CSE.



SCHOOL OF ENGINEERING



EVENTS

“Onam Celebration”

The DataScience@DSU Club, the Department of CSE (Data Science) organized a “Onam Celebration” held on 26th August 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).



Suraksha Bandhan

Celebrated Suraksha Bandhan day on 30th August, 2023 in association with Karnataka No for Tobacco. To prevent children and youth from tobacco drug and other addiction



National Photography Day

Department of Computer Applications orchestrated National Photography Day to shine a spotlight on the creative talents of young individuals of our department on 19th Aug'2023. National Photography Day, celebrated on August 19th each year, is a day dedicated to the art and science of photography. Significance of this day to celebrate is bringing out the Creativity, preserving memories, Documenting history and to encourage photography challenges. Asst Prof. Sumana SG, Department of Computer Applications spearheaded the organization of the National Photography Day contest



The poster is a dark-themed announcement for a photography contest. It features the logo of Davangere Sagar University on the left. The text is arranged in a structured layout with various fonts and colors. A central graphic shows a camera lens and a shutter. A Google Drive link is provided for submissions. The poster also includes a quote about photography and lists the organizers and conveners.

 **DEPARTMENT OF COMPUTER APPLICATIONS**

SCHOOL OF ENGINEERING
HOSUR ROAD, KUDLU GATE, BENGALURU 560068

GET CLICKING!

NATIONAL PHOTOGRAPHY DAY
19th Aug 2023

Capture your subject's personality with effective lighting, backdrops, and poses.

PHOTOGRAPHY CONTEST

POST IN WITH Your Name

https://drive.google.com/drive/folders/1vsYXVkkWflgMLqGCEzmEfTXA8ifppy9E?usp=drive_link

LAST DATE TO UPLOAD -
26th Aug 2023

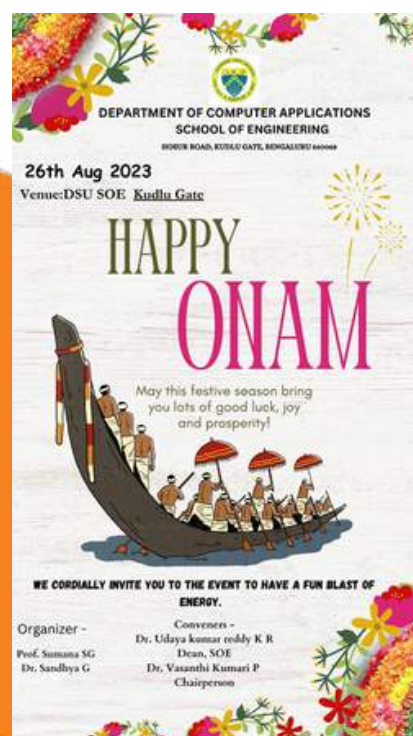
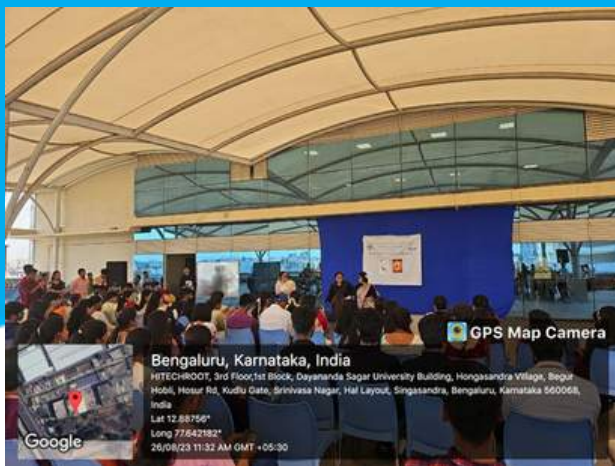
Photographs capture a moment that's gone forever. Show off your creative passions, and hold the attention of your audience

Organizer - Mrs. Sumana SG

Conveners -
Dr. Udaya kumar reddy K R
Dean, SOE
Dr. Vasanthi Kumari P
Chairperson

Onam Festive celebration

Department of Computer Applications at Dayananda Sagar University, celebrated Onam at DSU, Kudlu gate campus amidst much fanfare involving staff and management. Dr. Vasanthi Kumari P, Chairperson of the Department of Computer Applications, extended a warm welcome to everyone attending this festive celebration with an introductory note about Onam. Afterward, Vishnu Priya, a student from the BCA III Semester, eloquently narrated the tale of Mahabali and the profound significance of Onam. The event was skilfully coordinated by Dr.Sandhya Madhuri G and Assistant Professor Sumana SG, both from the Department of Computer Applications





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FACULTY ACHIEVEMENTS



Dr. Arun Kumar
Assistant Professor
Department of CSE,
DSU.

Dr. Arunkumar Gopu was invited as a resource for the webinar titled “Career Pathways on Information Technology Academia, Industry, and Entrepreneurship “on 27th July, 2023 organized by K.S.Rangasamy College of Technology, Tiruchengode.



Dr. Savitha Hiremath
Assistant Professor
Department of CSE,
DSU.

Dr. Savitha Hiremath along with students Jinendra Rathod, Neha Kolagal, Harshvardhan Purohit, Joya Verma published a conference paper titled “Emoji Recommendation System Using Deep Learning Algorithms” at 9 th International Conference on Electronics, Computing and Communication Technologies, IEEE CONECCT on July 14th 2023 indexed in Scopus.



Dr. Bondu Venkateshwaralu
Associate Professor
Department of CSE, DSU.

Dr. Bondu Venkateshwaralu, Associate Professor, Department of CSE published a research article titled "Dynamic Association Mining Techniques for the faster Extraction of High Utility Item set for the Incremental Databases" indexed in Scopus Q1 rated “Applied Computing and Informatics” (ACI) Journal with This the cite score 16.3, impact factor 1.589 and the H index 35.



Dr. Savitha Hiremath
Assistant Professor
Department of CSE,
DSU.



Prof. Shwetha G S
Assistant Professor
Department of CSE,
DSU.



Dr. M K Banga
Assistant Professor
Department of CSE,
DSU.

Dr. Savitha Hiremath, Prof. Shwetha G S and Dr. M K Banga along with students MS. SUMA MUKKAMALA, MS. NETI SAHITHI, MS. NIKITHA MEKALACHERUVU, MS. PAVITRA ANKESH published a patent titled “Blockchain based Method to Detect and Rectify Insider Attack in Hydroponic” with Application No. 202321015422 on 26th May, 2023 at Indian Patent Office.



Dr. George Fernandez
Associate Professor
Department of CSE,
DSU.

Dr George Fernandez I, Associate Professor, Department of CSE served as Journal Reviewer in “Journal of Super Computing” and “Journal of Intelligent & Fuzzy Systems, IOS Press, Netherlands” in August,2023

- **Jayavrinda Vrindavanam, Roshni M. Balakrishnan, Raghav Nanjappan and Gaurav Kamath "Empowering Speech-Impaired Individuals: EEG-Driven Cognitive Expression Translated into Speech" International Journal of Computer Applications August 22, 2023 Paper publication.**
- **Jayavrinda Vrindavanam, R. Haarika, S. MG and K. S. Kumar, "Diabetes Prediction in Teenagers using Machine Learning Algorithms," IEEE Xplore 2023. Title: Δ Np63 overexpression promotes oral cancer cell migration through hyperactivated Activin A signaling: Prof. Sanjeev Kumar, Professor of Practice, Dept. of AI&ML has published a paper titled " Δ Np63 overexpression promotes oral cancer cell migration through hyperactivated Activin A signaling " in the Journal Science Direct.**
- **Prof. Sanjeev Kumar as a Resource person for Hands-on Workshop on "Research Methodology, Technical Writing and LATEX " held at DSU on 22-07-2023 organized by the DSU ACM student chapter.**
- **Prof. Sanjeev Kumar Resource person for "Computational Tools in Formulation Development and Drug Delivery" held at DSU from 24th July to 28th July organized by department of Pharmaceutics.**
- **Prof. Sanjeev Kumar session chair for FDP on title "Advances in Drug Research" held at CDSIMER on 22-08-2023 organized by the department pharmacology, CDSIMER.**
- **Dr. Monika G, Title of the Paper: “Classification of Brain Tumor Disease with Transfer Learning Using Modified Pre-Trained Deep Convolutional Neural Network” accepted and presented in Scopus Indexed Springer conference organized by NIT Jaipur.**
- **Dr. Monika G, Title of the BOOK Chapter: “A Robust Model for Optimum Medical Image Contrast Enhancement and Tumour Screening” Published in Scopus Indexed Deep Learning for Healthcare Services Book, Bentham Science Publisher. Dr. Monika G, Role of Artificial Intelligence in 3D Bone Image Reconstruction, Book chapter Accepted in Scopus Indexed Deep Learning for Healthcare Services Book, Bentham Science publisher, UAE.**
- **Dr. Monika G, Reviewed Papers in various Scopus-indexed International IEEE and Springer conferences.**
- **Dr. Monika G, delivered a talk in a value-added course conducted by CSE-AIML Department.**
-



- **Prof. Shivamma D** achieved certification in "Micro-Certification - Welcome to ServiceNow" and earned 5 badges in ServiceNow on the 5th August, 2023.
- **Prof. Vaishali Bagewadikar** attended a Faculty Development Program on "AWS Cloud Essentials", from 9th August - 14th August 2023, organised by Department of CSE, SOE, DSU.
- **Dr. Kakoli Bora, Prof. Vaishali Bagewadikar and Prof. Shahwar Ara Kamal S** attended a "15 Best Practices Meet 2023" on 22nd August 2023, organised by IIIT-Bangalore and DSCI.
- **Prof. Monish L** gave a Technical Talk on "ALTAIR Rapid Miner Workshop" on 29th August 2023, organised by Dept. of MCA, DSATM.
- **Prof G K Suryanarayana** was published in the Journal of Aerospace Science and Technology (Elsevier) on 11 Aug 2023. The Journal has as impact Factor of 5.6.



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STUDENT ACHIEVEMENTS

6th semester toppers: AIML

Toppers	Name	SGPA
1st	GAURAV KAMATH	9.86
2nd	VIDHI KESHWANI	9.71
3rd	VAIBHAVI AKSHITA REDDY	9.67

Jayavrinda Vrindavanam, Roshni M. Balakrishnan, Raghav Nanjappan and Gaurav Kamath "Empowering Speech-Impaired Individuals: EEG-Driven Cognitive Expression Translated into Speech" International Journal of Computer Applications August 22, 2023 Paper publication

Jayavrinda Vrindavanam, R. Haarika, S. MG and K. S. Kumar, "Diabetes Prediction in Teenagers using Machine Learning Algorithms," IEEE Xplore 2023.

Nokia symposium

Department of CSE students attended Nokia Symposium on 17th August, 2023. They learnt about technologies like 5G, 6G and insights of IoT networks.



Bhargav Ram C S, Chethan R, Bharath Kumar, Adarsha Subrahmanya Department of Computer Science and Engineering was selected for State Level Seminar and Exhibition of KSCST 46th series of SPP Projects held at Alva's Institute of Engineering and Technology, Moodubidire on 11th and 12th August 2023. The project was carried out under the guidance of Prof.Nandini K. The team has won the KSCST best project of the year and cash prize for the project titled "Insider attack detection using restricted Boltzmann machine in machine learning".



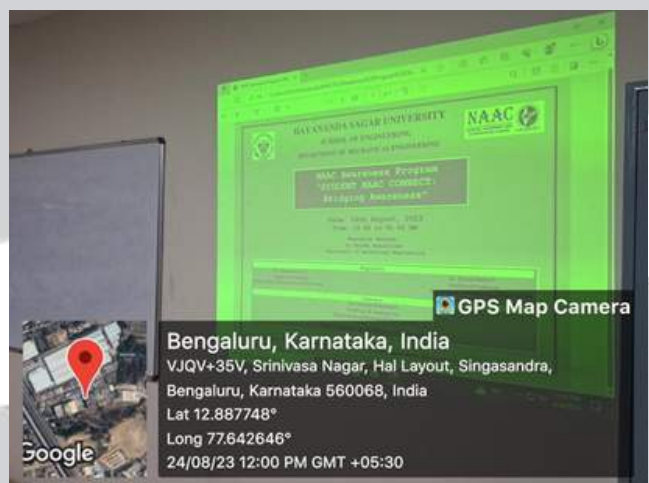
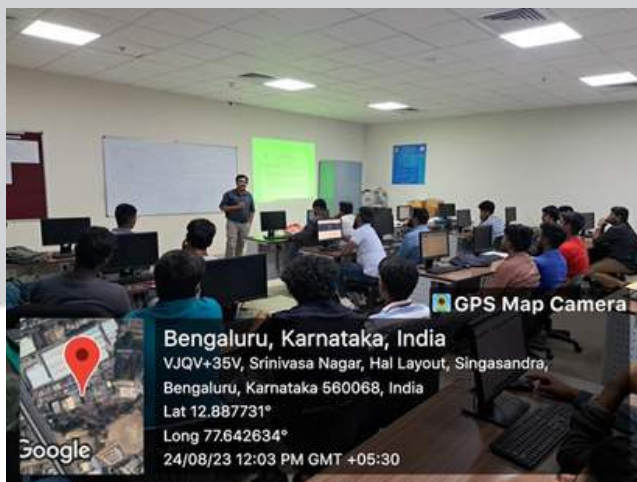
Top Placements 2024 Batch: CSE

USN	NAME	Company	CTC (Lakhs / Per annum)
ENG20CS0032	Ankit Prasad	Squad Cast	15
ENG20CS0297	Ruby Seher	J P Morgan	19.75
ENG20CS0119	Inesh Roa	JEMS INC , Japan	19.48

Elevating Industrial Security through IoT - An Insight into Our Latest Project

We aimed to create an IoT-based security system that focuses on industrial access control. The project involved utilizing the Oplà IoT Kit, which comes with an array of sensors and actuators, including RFID tags and readers., the project gave us a taste of what it's like to develop a full-fledged industrial security system using IoT technologies.

Mohan S, USN ENG20ME0012 7 th sem Mechanical



Participation in the 46th Program of Student Project Presentations funded by KSCST

Student team comprising Mr Ganesh Shetty and Mr Sunil, mentored by Prof Sripad Kulkarni presented their project work on “Thrust Vector Control”, project funded by KSCST at Alva’s College in Moodabidri, Karnataka on 11th and 12th Aug 2023.



Higher Studies

- Miss Aishwarya Muthu (ENG19AS0003) completed her B Tech from the Department and joined the Arizona State University, USA for her Masters' degree in Aerospace Engineering.
- Mr Meet Vacchani (ENG18AS0020) completed his B Tech from the Department and joined ISAE, SUPAERO, France for Masters' degree in System Engineering.

Top Placements 2024 Batch: CST

USN	NAME	Company	CTC (Lakhs / Per annum)
ENG20CT0012	Keerthi Reddy	EDGEVERVE	3.6 LPA
ENG20CT0015	Nikhil Gupta	TATA ELXI	3.5 LPA
ENG20CT0020	R Shushank	VERSA NETWORKS	8 LPA
ENG20CT0010	Darshan K	PEGA SYSTEMS	15 LPA

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