

Dayananda Sagar
is backed by a
**Six-Decade
Legacy**
in Educa on & Healthcare



**SCHOOL OF
ENGINEERING** Bengaluru

SOE-BULLETIN

The Official Newsletter of **School of Engineering**



October 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 Eminence School 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 Leadership



SCHOOL OF ENGINEERING



WEBINAR/SEMINAR/SKILL DEVELOPMENT PROGRAMS

WEBINAR ON: "NAVIGATING THE FUTURE WITH NLP: UNRAVELING THE MAGIC OF NATURAL LANGUAGE PROCESSING"

The Department of CSE (Artificial Intelligence and Machine Learning) organized webinar on “Navigating the Future with NLP: Unraveling the Magic of Natural Language Processing”, the main objective of the webinar is to unlock the Power of Natural Language Processing (NLP): explore how NLP is revolutionizing communication, understanding, and decision-making in the digital age.

Resource Person: Pooja Aggarwal
Senior Researcher at IBM Research, Master Inventor at IBM AI for IT Operations

Faculty Coordinator:
Prof. Uday Bhaskar, Dept. of CSE (AI&ML), SoE, DSU

Convenor:

Dr. Udaya Kumar Reddy K R, Dean, School of Engineering
Dr. Jayavrinda Vrindavanam V, Professor and Chairperson, Department of CSE (AI & ML)

The poster features a dark blue background with a glowing brain graphic and circuit patterns. It includes logos for Dayananda Sagar University and the School of Engineering. The text provides details about the webinar, including the resource person Pooja Aggarwal, the faculty coordinator Prof. Udayabhaskara N, and the convenors Dr. Udaya Kumar Reddy K R and Dr. Jayavrinda Vrindavanam V. A circular photo of Pooja Aggarwal is prominently displayed. The bottom of the poster provides the Google Meet link for the online session.

Dayananda Sagar University
Innovative campus, Kudlu Gate, Hosur Road, Bengaluru - 560068

School of Engineering
Innovative campus, Kudlu Gate, Hosur Road, Bengaluru - 560068

Department of CSE Artificial Intelligence and Machine Learning
Invites you to a webinar on

"Navigating the Future with NLP: Unraveling the Magic of Natural Language Processing"

Unlock the Power of Natural Language Processing (NLP); Join our webinar to explore how NLP is revolutionizing communication, understanding, and decision-making in the digital age.

Resource Person:
Pooja Aggarwal
Senior Researcher at IBM Research
Master Inventor at IBM AI for IT Operations

Convenors
Dr. Udaya Kumar Reddy K R
Dean, School of Engineering
Dr. Jayavrinda Vrindavanam V
Professor and Chairperson
Department of CSE (AI & ML)

Faculty coordinator:
Prof. Udayabhaskara N
Assistant Professor,
Department of CSE (AI & ML)

ONLINE session
Date : 27-10-2023
Time : 11:00 AM to 1:00 PM

link to join the session : <https://meet.google.com/uht-ezev-ruz>

TRAINING ON COMMUNICATION SKILLS

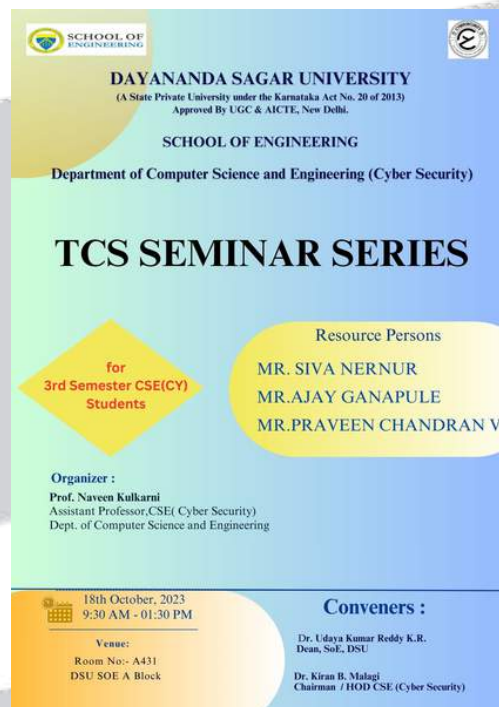
Department of Training and Placement organized one-day training on “Communication Skills” for third semester students of CSE (Cyber Security) on 11th October 2023. Professionals from CIL (Centre for Innovation and Leadership) trained students and conducted activities. Fifty students attended the training and given good feedback. Prof. Naveen Kulkarni coordinated the training.



SEMINAR ON INTRODUCTION TO CYBER SECURITY BY TCS TEAM

Seminar sessions by the resource persons of the Tata Consultancy Service Limited was organized by Department of CSE (Cyber Security) on 18th October 2023 for third semester CSE(CS) students. The seminar series started with the introductory speech of speakers Mr. Ajay Ganapule and Mr. Siva Nernur, subsequently. Mr. Ajay took up the stage and started with the fundamentals of the cybersecurity, gave the brief description about the Security treats and different types of the breaches that happens on our day-to-day life and how to maintain the cyber hygiene so that we can safe guard ourselves from all the security breaches. Later, Mr. Siva Nernur elucidated the various types of security threats and provided a comprehensive description of how one can safeguard against these breaches.

During the final segment of the session, students received a concise overview of the various career paths within the cybersecurity field. Students were informed about the level of dedication required to pursue these paths and the diverse job roles that are available. Additionally, students were provided with valuable insights on how to successfully navigate the interview process in order to secure our desired job. Event was coordinated by Prof. Naveen Kulkarni.



The poster is for a TCS Seminar Series at Dayananda Sagar University. It features the university's logo and name at the top, followed by the School of Engineering and Department of Computer Science and Engineering (Cyber Security). The main title is 'TCS SEMINAR SERIES' in large, bold letters. Below this, it lists the resource persons: Mr. Siva Nernur, Mr. Ajay Ganapule, and Mr. Praveen Chandran V. The organizer is Prof. Naveen Kulkarni, Assistant Professor, CSE (Cyber Security), Dept. of Computer Science and Engineering. The event is scheduled for 18th October, 2023, from 9:30 AM to 01:30 PM in Room No. A431, DSU SOE A Block. The conveners are Dr. Udaya Kumar Reddy K.R., Dean, SOE, DSU, and Dr. Kiran B. Malagi, Chairman / HOD CSE (Cyber Security).

SCHOOL OF ENGINEERING
DAYANANDA SAGAR UNIVERSITY
(A State Private University under the Karnataka Act No. 20 of 2013)
Approved By UGC & AICTE, New Delhi.

SCHOOL OF ENGINEERING
Department of Computer Science and Engineering (Cyber Security)

TCS SEMINAR SERIES

Resource Persons
MR. SIVA NERNUR
MR. AJAY GANAPULE
MR. PRAVEEN CHANDRAN V

for
3rd Semester CSE(CY)
Students

Organizer :
Prof. Naveen Kulkarni
Assistant Professor, CSE (Cyber Security)
Dept. of Computer Science and Engineering

18th October, 2023
9:30 AM - 01:30 PM

Venue:
Room No:- A431
DSU SOE A Block

Conveners :
Dr. Udaya Kumar Reddy K.R.
Dean, SOE, DSU
Dr. Kiran B. Malagi
Chairman / HOD CSE (Cyber Security)



PRE-PLACEMENT TRAINING CIL TRAINING

The Data Science @DSU club, Department of Computer Science Engineering (Data Science) has successfully organized a “Pre-Placement Training” on 6th October, 2023 organized by Dr. Shaila S G, Professor and Chairperson, Dept. of CSE (Data Science), Prof. Manjula M and Prof. Monish L, Assistant Professor, Dept. of CSE (DS). The targeted audience was 3rd year students of the Department of CSE (Data Science). The session was organized in offline mode. Around 45+ students were attended the session. The Placement Event held on October 6th aimed to prepare participants for the challenges of job interviews and career development. The event featured a comprehensive program that included informational sessions, motivational talks, and interactive activities.



WEBINAR ON “COMMUNICATION SKILLS”

The Data Science @DSU club, Department of Computer Science Engineering (Data Science) has successfully organized a “Communication Skills” on 11th October, 2023 organized by Dr. Shaila S G, Professor and Chairperson, Dept. of CSE (Data Science), Prof. Shivamma D and Prof. Monish L, Assistant Professor, Dept. of CSE (DS). The targeted audience was 2nd year students of the Department of CSE (Data Science). The session was organized in offline mode. Around 45+ students were attended the session. The Communication Skills training is an essential step for students to prepare themselves for the job market. It helps them develop the necessary skills and knowledge required to succeed in the workplace.



TECHNICAL WORKSHOP ON GATE EXAM

The GATE Exam Awareness Technical Workshop, organized on 19th October 2023 from 11:00 AM-01:00 PM, aimed to provide students with crucial insights and knowledge about the Graduate Aptitude Test in Engineering (GATE) exam. The event garnered remarkable attention, witnessing an impressive turnout of 3rd year students.

Mr. Vipin Kumar Mishra, from IMS Gate Academy Bangalore, an esteemed expert in the field, served as the resource person, enriching the workshop with his valuable expertise.

Chief Patrons
Dr. D. Hemachandra Sagar,
Chancellor

Dr. Premachandra Sagar,
Pro-Chancellor

Patrons
Shri. Gallsiwamy,
Secretary, DSI

Dr. K.N.B Murthy,
Vice - Chancellor

Prof. R. Janardhan,
Pro - Vice Chancellor

Dr. Puttamadappa,
Registrar

Conveners
Dr. Udaya Kumar Reddy K R,
Dean, SOE

Dr. Theodore Chandra,
Chairman - ECE

Coordinator
Dr. Saara K,
Deputy Chairperson, ECE

Resource Person

Mr. Vipin Kumar Mishra
IMS Gate Academy, Bangalore

DAYANANDA SAGAR UNIVERSITY
SCHOOL OF ENGINEERING
ELECTRONICS & COMMUNICATION ENGINEERING
KUDLU GATE, HOSUR MAIN ROAD,
BENGALURU - 560114

TECHNICAL WORKSHOP ON GATE
UNLOCK YOUR FUTURE WITH GATE!

ARE YOU AN ENGINEERING ASPIRANT?

JOIN THE GATE EXAM AWARENESS CAMPAIGN!

19th October 2023
Time: 11:00 AM-01:00 PM

in collaboration with
IMS GATE ACADEMY

What is GATE?
Graduate Aptitude Test in Engineering - Your Gateway to Prestigious Institutes, Lucrative Jobs, and Research Opportunities!

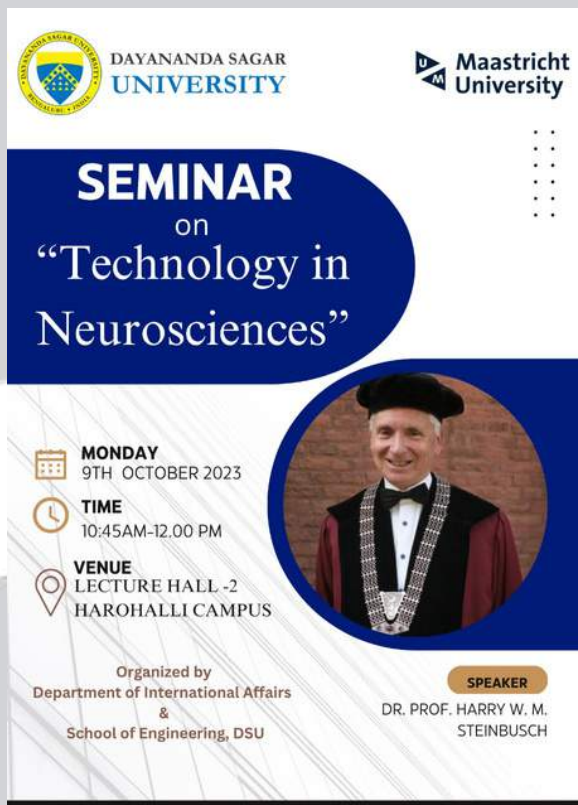
Why GATE?
Pursue Master's & Ph.D. in Top Institutions
Land High-Paying Jobs in PSUs
Access Scholarships & Research Grants

For queries contact:
saara-ecce@dsu.edu.in; 9620461641



SEMINAR ON TECHNOLOGY IN NEUROSCIENCES

Department of Computer Science and Engineering Coordinators and Department of International Affairs conducted an enlightening seminar on the fascinating subject of “Technology in Neurosciences” for our prestigious School of Engineering on 9th October, 2023 at School of Engineering, Dayananda Sagar University, Harohalli Campus, Bangalore. The esteemed resource person was Dr.Prof .Harry W.M. Steinbusch from Maastricht University, Netherlands. More than 200 students attended the session. His profound expertise and wealth of knowledge left an indelible mark, serving as a profound source of inspiration and motivation for our students, igniting their passion for innovation and propelling them towards excellence in their academic pursuits.



DAYANANDA SAGAR UNIVERSITY

Maastricht University

SEMINAR
on
“Technology in Neurosciences”

MONDAY
9TH OCTOBER 2023

TIME
10:45AM-12.00 PM

VENUE
LECTURE HALL -2
HAROHALLI CAMPUS

Organized by
Department of International Affairs
&
School of Engineering, DSU

SPEAKER
DR. PROF. HARRY W. M.
STEINBUSCH



INHOUSE TECHNICAL DISCUSSION

The team from Mazumdar Shaw Medical Foundation (MSMF) Mr Kiran Vuppalla Head of Operations MSMF and Salai Jeyaseelan Annamalai Chief Engineer MSMF had visited for an inhouse technical discussion with the DSU faculty team on 10th October,2023 in Kudlu Gate Campus. The key take away was MSMF team will get us the real time medical data from various hospitals across India and provide it to researchers/faculty/students based on the project requirement. They will also allow us to use the medical facility, help in taking the problem statement from idea to POC, also assist in validation, testing and also animal trials if any. MOU and NDA with MSMF will be signed regarding the same. Dr M K Banga, Dr Lakshmi and team from DERBI, Prof Baskar Venugopalan, Dr Basavaraj, Dr. Revathi V., Dr RavinderSingh , Dr Arunkumar Gopu, Prof Ranjini and Dr Pramod Kumar Naik were present during the meeting. MSMF would also help us to connect to doctors and jointly apply for fundings.



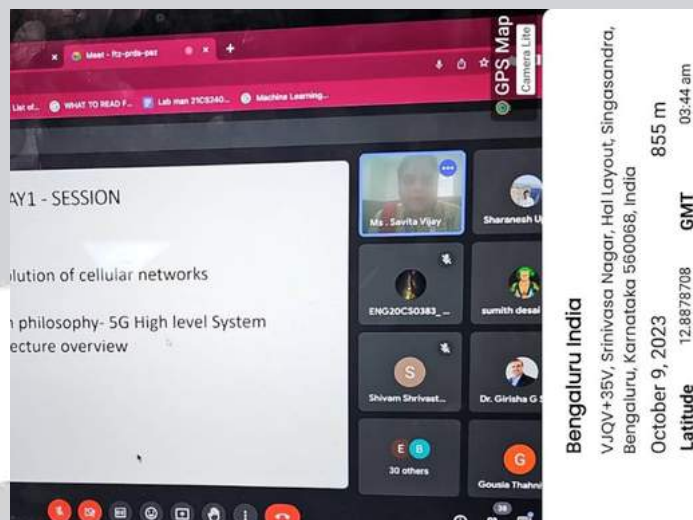
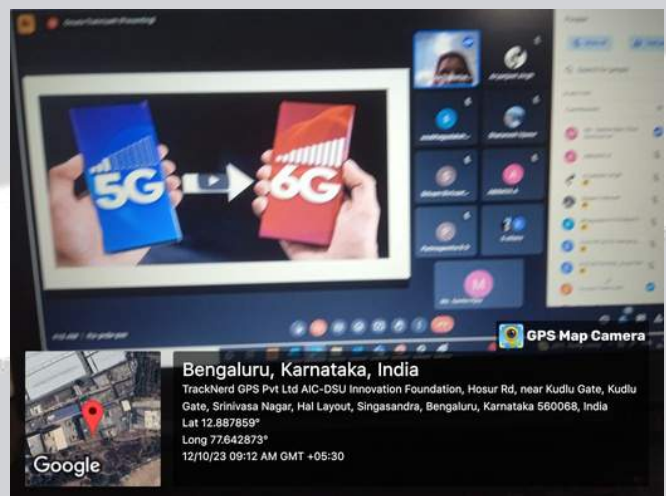
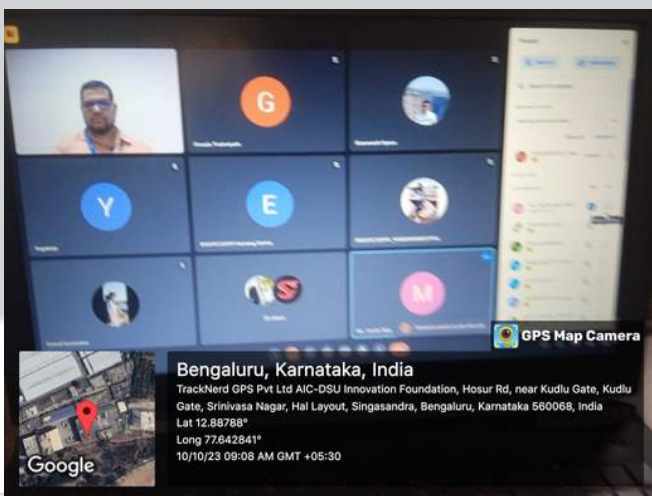
SEMINAR ON UNLOCKING OPPORTUNITIES: TECHNOLOGY TRENDS AND ENTREPRENEURIAL STRATEGIES FOR STARTUPS

Department of Computer Science and Engineering & Research and Innovation Cell has organized a seminar on Unlocking Opportunities: Technology trends and entrepreneurial Strategies for Startups on 11th October, 2023 at School of Engineering, Dayananda Sagar University, Kudlu Gate, Bangalore. Mr. Ganesh Nag Doddi, Founder And CEO, Brainovision India Pvt Ltd was the resource person of the event. The seminar was organized for CSE 5th semester students. The seminar was an enlightening journey, offering valuable insights and actionable ideas for startups navigating the ever-evolving business terrain. organized by Dr. George Fernandez and Dr. Pramod Kumar Naik, CSE.



SKILL DEVELOPMENT PROGRAM: LEARN AND EXPERIENCE 5G

The Department of Computer Science and Engineering has organised a Skill Development Program (SDP) on the topic "Learn and Experience 5G" from 9th October, 2023 to 12th October, 2023.



BRAINSTORMING SESSION ON POs, PSOs and PEOs

Department of Computer Science and Engineering had carried out a brainstorming session on Program Outcomes (POs), Program Specific Outcomes (PSOs) and Program Educational Objectives (PEOs). Dr. Girisha G.S., Chairperson along with the faculty of CSE made rigorous brainstorming on the objectives of the program on 16th October, 2023.



SEMINAR ON “START YOUR CAREER WITH A 7-DIGIT SALARY”

Department of CSE, SoE and IMS International jointly organized a seminar " Start with your career with a 7-digit salary", on 19th October 2023. The speaker was Mr.Ambarish Kumar from IIT- Delhi also Alumnus of DSU. The event was coordinated by Dr. Revathi V and Prof. Sowbhagyalakshmi



SEMINAR
IMS International In Association With
Dayananda Sagar University

START YOUR CAREER WITH A 7 DIGIT SALARY

Only After MS Abroad
& Start Your Journey Now!!!

Dr. Udaya Kumar Reddy K R - Dean, SOE
Dr. Girisha G S - Prof. & Chairperson CSE
Dr. Revathi V - Associate Prof. CSE Coordinator

Speaker
Ambarish Kumar
IIT-Delhi
Alumnus

19th October 2023
11:45 AM to 12:45 PM

For More Details Call or WhatsApp @9538242421



SEMINAR ON “DEMYSTIFYING STUDY ABROAD - TAKE THE FIRST STEP TOWARDS A 7 DIGIT PAY CHEQUE”

Department of CSE, SoE and GATE Academy jointly organized a seminar “Demystifying study abroad - Take the first step towards a 7 digit pay cheque”, on 21st October, 2023. The event was coordinated by Dr. Revathi V and Prof. Ranjini K.





SCHOOL OF ENGINEERING



WORKSHOP

Workshop on Lean-Agile for Product Development & Engineering – An Overview

The Department of CSE has successfully conducted a one-day workshop on “Lean-Agile for product development & Engineering-An Overview”, on 31st October, 2023 at School of Engineering, Dayananda Sagar University, Kudlu Gate, Bangalore. The objective of the workshop is to train the 5th semester CSE students who have taken agile software Engineering as Elective course. A total of 60 participants have attended the workshop. The session was engaged by Mr. Prakash Bettadapur, CEO-ArchTech Agile Solutions, Silicon Valley, California, USA. Organized by Prof. Naitik and Dr. Mouleeswaran.



Workshop on Infinite horizons: Cluster computing (Hands on)

Department of CSE Cluster and Department of ELECTRONICS & COMMUNICATION AND ENGINEERING conducted Workshop on “Infinite horizons: Cluster computing (hands on)” on 27th October 2023. Dr. Revathi V. from CSE was the Co-ordinator of the event.

<p>Chief Patrons Dr. D. Hemachandra Sagar, Chancellor</p> <p>Dr. Premachandra Sagar, Pro-Chancellor</p> <p>Patrons Shri. Galiswamy, Secretary, DSI</p> <p>Dr. K.N.B Murthy, Vice - Chancellor</p> <p>Prof. R. Janardhan, Pro - Vice Chancellor</p> <p>Dr. Amit Bhatt Pro - Vice Chancellor</p> <p>Dr. Puttamadappa, Registrar</p> <p>Conveners Dr. Udaya Kumar Reddy K R, Dean, SOE</p> <p>Coordinators Dr. V. Revathi, Deputy Chairperson, CSE</p> <p>Dr. Saara K, Deputy Chairperson, ECE</p> <p>For queries contact: saara-ec@dsu.edu.in; 9620461641 revathi-cse@dsu.edu.in; 8870017467</p>	 <p>DAYANANDA SAGAR UNIVERSITY SCHOOL OF ENGINEERING</p> <p>COMPUTER SCIENCE & ENGINEERING CLUSTER AND ELECTRONICS & COMMUNICATION AND ENGINEERING KUDLU GATE, HOSUR MAIN ROAD, BENGALURU - 560114</p> <p>INFINITE HORIZONS: CLUSTER COMPUTING WORKSHOP (HANDS-ON)</p> <p>27th October 2023 Time: 09:00 AM-04:30 PM Venue: G036 B Block, CAMPUS-3</p> <p>in collaboration with ARM Ltd.</p> 	<p>Agenda:</p> <p>1. Cluster Computing Applications:</p> <ul style="list-style-type: none">◦ Utilizing Cluster Computing for Advanced Applications◦ Real-World Implementations <p>2. Focus on Beowulf Cluster:</p> <ul style="list-style-type: none">◦ Understanding Beowulf Cluster Technology◦ Building Beowulf Cluster: PCs and Raspberry Pi◦ Applications Execution on Clusters <p>3. Hands-On Session (2-3 Hours):</p> <ul style="list-style-type: none">◦ Setting Up Master/Server Node:<ul style="list-style-type: none">▪ Installing NFS Server▪ Sharing Directories via NFS▪ Installing Compilers and MPI Library▪ Writing and Testing Application Code▪ Enabling Passwordless Login Using SSH◦ Configuring Compute/Slave Nodes:<ul style="list-style-type: none">▪ Installing and Mounting NFS Shared Folders from the Server Node▪ Testing Application Code from Compute Nodes
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SCHOOL OF ENGINEERING




EVENTS

Gandhi Jayanti and Lal Bahadur Shastri Jayanthi Celebration with Donation Drive

The Department of Computer Science and Engineering (Cyber Security), celebrated Gandhi Jayanthi and Lal Bahadur Shastri Jayanthi on 02nd October 2023. The hostel students along with few faculty members attended the event and participated in Bhajan Singing and shared ideologies of both the visionaries. Dr. Kiran B. Malagi, chairman addressed the students regarding the discipline and dedication towards the work one has to have with examples of inspirational stories of both Mahatma Gandhiji and Shri Lal bahadur Shasthiri.

As an emphasis on “Seva Bhav”, the students namely Mr. Akhilesh A. and Mr. Raj Utso B Bhattacharyya of 5th Semester and Mr. Prajwal N. Halvi of 3rd Semester CSE (Cyber Security) participated in donation drive of Cloths and Toys to an orphanage and old age home, “Anaatha Makkala Ashraya Hosa Belaku Trust”, Bannerghatta, Bangalore. The department faculty and students are very much proud to be a part of a social outreach program of this kind and will be contributing the same in the future days strengthening the down trodden/financially weak section of the society.

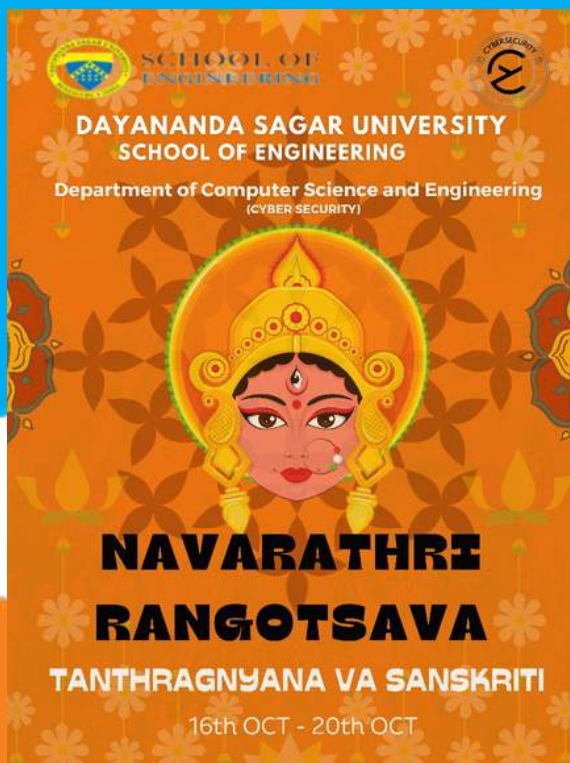


The poster is for a donation drive organized by the School of Engineering at Dayananda Sagar University. It features the university's logo and the text: "SCHOOL OF ENGINEERING DAYANANDA SAGAR UNIVERSITY SCHOOL OF ENGINEERING COMPUTER SCENCE AND ENGINEERING (CYBER SECURITY) DONATION DRIVE ON THE OCCASION OF MAHATHMA GANDHI AND LAL BAHADDUR SHASTRI JAYANTHI". It also includes portraits of Mahatma Gandhi and Lal Bahadur Shastri, and the venue: "VENUE: HOSABELAKU ORPHANAGE AND OLD AGE HOME, BANNERGHATTA, BANGALORE." At the bottom, there is a Kannada slogan: "ಅನಾಥಮಕ್ಕಳ ಆಶ್ರಯ ಪುನರ್ವಸತಿ ಕೇಂದ್ರ" and "HOSABELAKU ORPHANAGE AND OLD AGE HOME".



Navaratri Rangostav

Department of Computer Science and Engineering (Cyber Security) celebrated Navaratri from 16th October 2023 to 20th October 2023 for 3rd semester students at Harohalli main campus in free hours at class level. Students participated in singing, quiz, coding contest, debate competition, chess, carom games.



“Abhyudaya”

Creativity, Talent, and Skills of the Youth

The Data Science @DSU Club, the Department of CSE (Data Science) organized a Non-Technical Event “Abhyudaya”- Creativity, Talent, and Skills of the Youth, Singing and Debate Competition held on 26th October 2023 organized by Dr. Shaila S G, Professor and Chairperson, Dept. of CSE (Data Science), Prof. Shivamma D and Prof. Monish L, Assistant Professor, Dept. of CSE (DS).

Judge: Dr. Kiran B. Malagi, Chairmen, Dept of CSE (Cyber Security)

Winners of the event

Debate Competition:

- Venkat Nivas Reddy K.
- Job jomy
- Vinuraj Vamshi
- Arian Kovacs

Singing Competition:

Venkat Nivas Reddy K





SCHOOL OF ENGINEERING



INTERNAL HACKATHON

NASA Space Apps Challenge 2023 - Hackathon

Department of Computer Science & Engineering (AI&ML) 5th semester AI&ML students won the Global Connection Award for the NASA space app challenge.

Student Team

Mr. Anuj Diwedi & team

Guide:

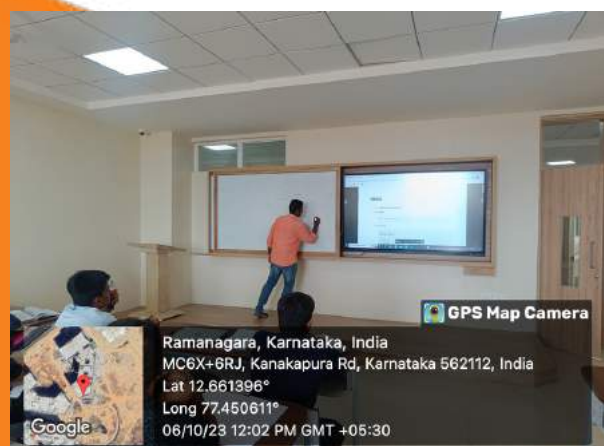
Dr. Jayavrinda Vrindavanam, Professor & Chairperson, Dept. of CSE(AI&ML)

Dr. Vinutha N, Associate Professor, Dept. of CSE(AI&ML)



CODE-A-THON C Shaping the Future Through Innovation

The Code chef Club, the Department of CSE (Data Science) organized a workshop on “CODE-A-THON C Shaping the Future Through Innovation” held on 5th-6th October 2023 organized by Prof. Shivamma D, Assistant Professor, Dept. of CSE (Data Science). The targeted audience was 3rd B. Tech students. The workshop consisted of a multitude of topics supported by hands-on sessions, handled by faculty experts from the Department of CSE (Data Science) and student coordinators. The main highlight of the event was students taught. The student coordinator team included Janardhan K S, Sherlyn Rose, Kovarthana, Sujeeth Kumar, Pavan kumar, Sahana R, Sindu and Nitin Prajwal R. The event started with Introduction to C programming given by Prof. Shivamma D and topics like Arrays, pointers, Functions, Structures, Union, Memory Management were taught by the student coordinators Janardhan K S, Sherlyn Rose, Kovarthana, Sujeeth Kumar, Pavan kumar, Sahana R, Sindu and Nitin Prajwal R respectively. Followed by a session ending quiz to test the students' knowledge.





SCHOOL OF ENGINEERING



FACULTY ACHIEVEMENTS



Dr. Revathi V
Associate professor
Department of CSE

Dr. Revathi V, has published a Book Chapter in “Technological advancement in modern Engineering” Volume 1 - Chapter 8: Big data in healthcare, ISBN: 978-93-95196-67-3 by ESN publications in September 2023. She also coordinated the workshop on Virtual lab on 13th October 2023.



Dr. Arunkumar Gopu
Associate professor
Department of CSE

Dr. Arunkumar Gopu has published a paper titled "Energy-efficient virtual machine placement in distributed cloud using NSGA-III algorithm," in the Journal of Cloud Computing, Springer. The Journal of Cloud Computing is a peer-reviewed journal with an impact factor of 4.4, indexed in SCI, WoS, and Scopus



Dr. Ranjini K
Associate professor
Department of CSE

Prof. Ranjini K, has published a Book Chapter in “Technological advancement in modern Engineering” Volume 1 - Chapter 10: Machine Learning in Healthcare: Breast Cancer Detection, ISBN: 978-93-95196-67-3 by ESN publications in September 2023.



Dr. Rajesh T M
Associate professor
Department of CSE

Dr. Rajesh T M, along with Dr. Sharath, M.N, Surabhi, K.R., Nikshepa, T., Sowmya, S.R. has published a paper in 14th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2023, 2023, pp. 1497–1502 titled "Detection and Classification of Blood Cancer using an Auto Encoder and a Regularised Extreme Learning Machine" indexed in Scopus.



Dr. Meenakshi Malhotra
Associate professor
Department of CSE

Dr. Meenakshi Malhotra, Kiran Waghmare, has published an Indian patent with title "Wellness Application for Analysing EEG Signals and Assisting Individuals with Mental Health Disorders", 202341043756 on 1st September, 2023.

Dr. Meenakshi Malhotra, Jinendra Rathod, has been granted with an Indian patent with title "GENERATING STREAM-CIPHERED DOUBLE-KEY USING A RANDOMIZED-MATRIX" 202341019607 on 5th October, 2023.



Dr. Praveen Kulkarni
Associate professor
Department of CSE

Dr. Praveen Kulkarni and Dr. Rajesh T M has published a paper in IEEE International Conference on Contemporary Computing and Communications (InC4) 979-8-3503-3577-4/23/\$31.00, 2023 IEEE titled "Facial Emotion Detection Using Deep Learning: A Survey" indexed in Scopus.



Dr. Santhosh Kumar
Associate professor
Department of CST

Dr. Santhosh Kumar J has published a paper titled as "Analysis and Prediction of Seed quality using Machine Learning" in International Journal of Electrical and Computer Engineering (IJECE), Volume 13, No.5, October, pp. 5770-5781, ISSN: 2088-8708, DOI:10.11591.



Dr. Nivetha NRP
Assistant professor
Department of CST

Prof. Nivetha NRP has published a paper titled as "Binary fire hawks optimizer with deep learning driven non-invasive diabetes detection and classification" in Bratislava Medical Journal, October, DOI:10.4149/BLL_2024_020.



Dr. Ayain John
Assistant professor
Department of AI & ML

Prof. Ayain John played a role of reviewer for, IEEE International Conference on Applied Intelligence and Sustainable Computing (ICAISC – 2023) organized by Shri Dharmasthala Manjunatheshwara College of Engineering & Technology, Dharwad.





Dr. Vinutha N
Assistant professor
Department of AI & ML



Dr. Pradeep Kumar
Assistant professor
Department of AI & ML

Dr. Vinutha N & Prof. Pradeep Kumar has been played a role of reviewer for International conference on recent advances in science & engineering - RAiSE 2023 organized by Manipal Academy of Higher Education – MAHE, Manipal



Dr. Shaila S G
Professor and Chairperson CSE(Data Science)

Dr. Shaila S G has selected as Galactic Problem Solver for NASA Space Apps Challenge 2023 in the International Hackathon organized by NASA during 7th and 8th October, 2023.



Dr. Shivamma D
Assistant professor
Department of CSE (Data Science)

- Reviewer for International Conference on “Evolutionary Algorithms and soft Computing Techniques” organised by RVITM” Bengaluru INDIA on 20th and 21st October 2023.
- Certified as an Academic Instructor to deliver the Application Development Fundamentals at ServiceNow on 26th October 2023.
- Selected as Galactic Local Mentor, Galactic Problem Solver, Local Award winner and Global Nominee for NASA Space Apps Challenge 2023 in the International Hackathon organized by NASA during 7th and 8th October, 2023.



Dr. Mouleeswaran S K
Associate professor
Department of CSE

Dr. Mouleeswaran S K has published a Book Chapter in “Technological advancement in modern Engineering” Volume 1 - Chapter 9: Securing the Storage Infrastructure, ISBN: 978-93-95196-67-3 by ESN publications in September 2023.



**SCHOOL OF
ENGINEERING**



STUDENT ACHIEVEMENTS

Rudra Narayan Chetty, Vinuraj Vamshi, R D Lohith, selected has a Local Award winner for “Best use of Technology” for NASA Space Apps Challenge 2023 in the International Hackathon organized by NASA under the guidance of Prof. Shivamma D during 7th and 8th October, 2023



- Lohith R D, Pranav S, Manju Swaroop and Sukrutha G selected has a Global Nominee for NASA Space Apps Challenge 2023 in the International Hackathon organized by NASA under the guidance of Prof. Shivamma D during 7th and 8th October, 2023.
- Sheetal P, Nandhini S and Srinivas K selected has a Global Nominee for NASA Space Apps Challenge 2023 in the International Hackathon organized by NASA under the guidance of Prof. Shivamma D during 7th and 8th October, 2023.
- Abhishek N, Golla Pujari Sowmya and Abhishek A selected has a Galactic Problem Solver for NASA Space Apps Challenge 2023 in the International Hackathon organized by NASA under the guidance of Dr. Shaila S G and Prof. Shivamma D during 7th and 8th October, 2023.
- Venkat Nivas Reddy K, Job jomy, Vinuraj Vamshi and Arian Kovacs 3rd Semester have won the 1st place in the “Abhyudaya”- Creativity, Talent, and Skills of the Youth, Debate Competition organized by the Department of Computer Science and Engineering (Data Science) on 26th October, 2023.
- Venkat Nivas Reddy K, 3rd Semester have won the 1st place in the “Abhyudaya”- Creativity, Talent, and Skills of the Youth, singing (Solo) Competition organized by the Department of Computer Science and Engineering (Data Science) on 26th October, 2023.

Chirag Aswal, Pragati P Komarla, Abhishek T N, Ganesh Shinde, Pavanananda K S, Spandan Das of 5th Semester CSE guided by Prof. Savita Vijay, with project titled "Optimized SW Distribution NMS to NE," in collaboration with Nokia, has been selected as one of the top 10 projects from across India for the University Day @Nokia event on 13th October, 2023.

Student team of 5th semester CSE under the name "Alpha Debuggers" were the top 10 in state level Cognizant Hackathon Technoverse 2023 got internship opportunity in the cognizant with certificate on 10th October, 2023.



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