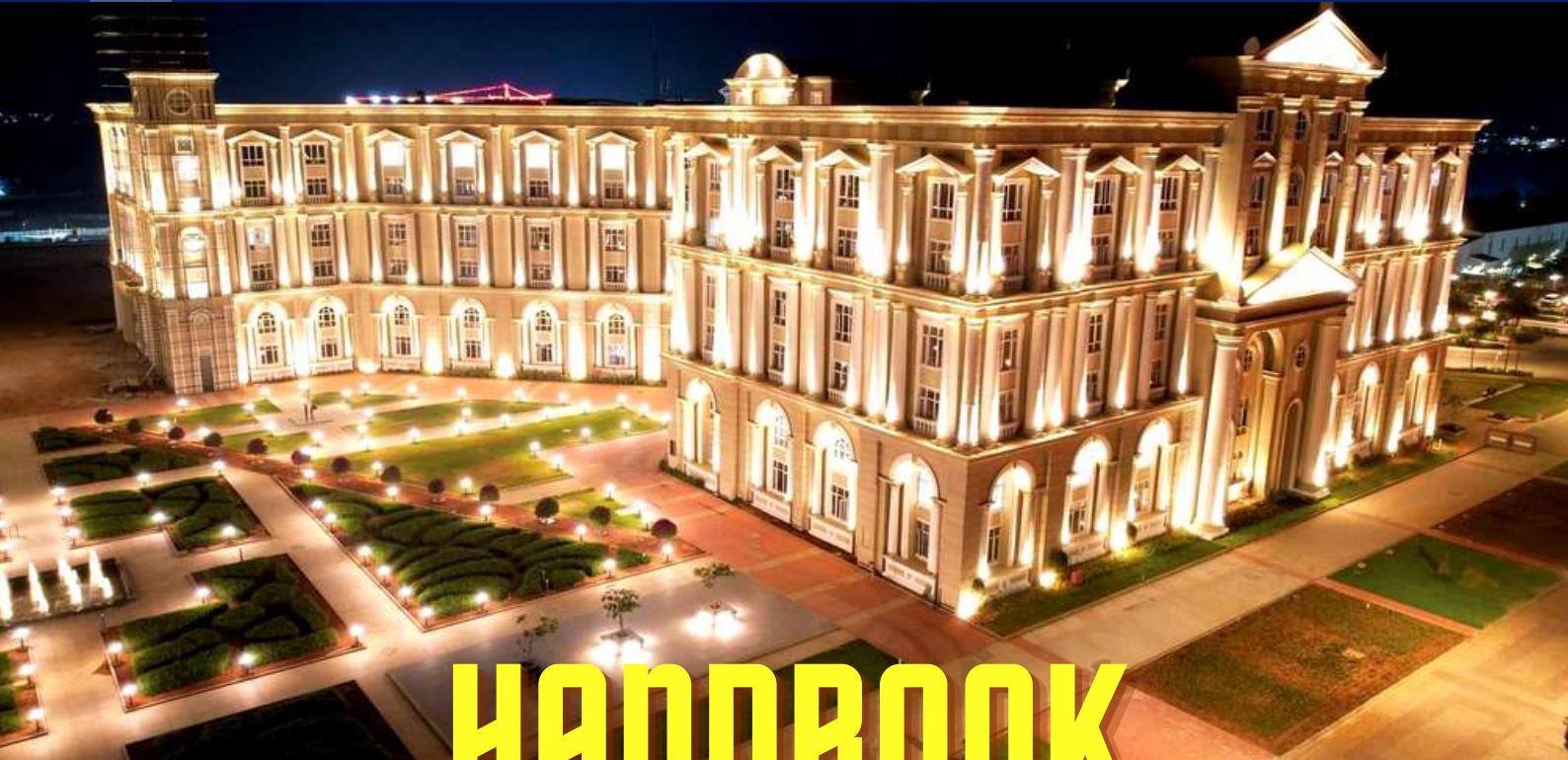




**SCHOOL OF
ENGINEERING**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(DATA SCIENCE)**



HANDBOOK 2024-2025



**DAYANANDA SAGAR
UNIVERSITY**

**Dayananda Sagar University, Devarakaggalahalli, Harohalli,
Kanakapura Road, Bengaluru south Dt.,
Bengaluru - 562 112**

VISION AND MISSION
Vision

To be a centre of excellence in education, research & training, innovation & entrepreneurship and to produce citizens with exceptional leadership qualities to serve national and global needs.

Mission

To achieve our objectives in an environment that enhances creativity, innovation and scholarly pursuits while adhering to our vision

VISION AND MISSION
Vision

To transform life through Excellence and Innovation 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.

VISION AND MISSION**Data
Science****Vision**

To produce Engineers for Industry and Society in the field of Computer Science and Engineering (Data Science) by providing Excellence in Education, Research and Entrepreneurship with focus on sustainable solutions to fulfill global needs.

Mission

The Department of Computer Science and Engineering (Data Science) is committed to:

- Impart quality education, critical thinking and sustainable learning practices in the domain of Computer Science and Engineering (Data Science) with ethical values and leadership qualities.
- Inculcate Interdisciplinary Research and Innovation by establishing Industry-Academia collaboration to solve critical problems.
- Prepare graduates to become Ethical Data Science practitioners to contribute in data driven global society.

PROGRAM EDUCATIONAL OBJECTIVES (PEO'S)

After few years of graduation, the graduates of Computer Science & Engineering (Data Science) will be able to:

- PEO1: Knowledge delivery in terms of analytics and visualization, research, design, product implementation and optimization by using modern tools and techniques of data science to provide absolute resolution in social aspects.
- PEO2: Applying strong mathematical and statistical foundations of Data Science to build powerful knowledge models to generate actionable insights, necessary for making data-driven decisions in multi-disciplinary areas.
- PEO3: Function effectively as competent Data Science Professionals, Entrepreneurs or Researchers in the work place or maintain employment through lifelong learning including professional certifications.

PROGRAMME OUTCOME (PO'S)

- PO1. Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- PO2. Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- PO3. Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- PO5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- PO6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- PO7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- PO8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- PO9. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- PO10. Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- PO11. Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- PO12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

PROGRAM SPECIFIC OUTCOMES (PSO'S)

- PSO1. Apply the principles of Data Science including Data Visualization, Data Management and Data Security for building intelligent predictive models for solving real world problems.
- PSO2. Apply Business Analytics, Visualization Tools & Statistical Tools acquired through professional society, certification programs, projects, Internship & Laboratory exercises to solve critical problems.

DEAN'S MESSAGE



Dr. Udaya Kumar Reddy K R
Dean – School of Engineering
Professor, Dept. of CSE
DSU

I am delighted that the Department of Computer Science and Engineering (Data Science) is bringing out the handbook that can provide wonderful insights for students and faculty fraternity.

A lot has been happening in the school of computing sciences over the years, and one of the significant changes involves in this handbook.

Our graduate students are doing amazing things in many different areas in different ways. In the current handbook, you'll meet some remarkable students and faculty who are making a difference in the technical aspects and otherwise. We are hoping to build this endowment with your support, to afford even more opportunities for students to take part in this important component of their graduate education.

I hope this handbook provides the reader a wonderful insights and I thank the editorial team for their wonderful effort in bringing out this handbook. Wish you all the best.

CHAIRPERSON'S MESSAGE



Dr. Shaila S G
Professor & Chairperson
Department of CSE
(Data Science) SOE, DSU

Welcome to the Department of Computer Science & Engineering (Data Science), School of Engineering at Dayananda Sagar University!

It gives me immense pleasure and pride to introduce the Dept. of Computer Science & Engineering (Data Science). This Program is designed to meet the requirements of various job roles in Data Science (Data Scientist, Data Analyst, Data Manager, etc.). The program aims to bridge the Industry gaps in terms of Research and Development using cutting edge technologies.

Faculty members in the program are experts and are carrying out active research in various domains of Data Science. Our program looks forward to contributing technologically in solving the real world challenges in association with the students.

Thank you for visiting us!

ABOUT THE DEPARTMENT

B.Tech CSE (Data Science) is a 4-year undergraduate degree programme. Data Science teaches the students how to combine Machine Learning techniques, algorithms, tools, business acumen and mathematics and apply on raw data to extract insight information from it. In short, technology algorithm development and data inference are blended together to solve complex problems analytically in Data Science.

Throughout the entire duration of the programme, the students are taught how to amalgamate business knowledge, tools and statistics to generate business value in creative ways.

The four-year undergraduate curriculum includes a detailed delivery of Basic Sciences, Mathematical Foundations, Statistical Foundations, Artificial Intelligence, Machine Learning, Data Science, Deep Learning, and Data Visualization.

The curriculum imparts 21st century skills having the following components: Liberal education aspects for all round development, courses that trigger new age skills, project based learning, special topics (hands-on sessions on multiple topics with mentoring from expert), option for MOOC, UG Research Project/Product Development/Internships.

The curriculum focuses on Liberal Art Courses, Foundation Courses, Professional Courses, and Electives that helps them build expertise in some specialized areas. Curriculum developed also emphasis on Design oriented thinking, Communication, Collaboration and Creativity right from 1st year.

A degree in Computer Science (Data Science) can lead to the following job roles in a variety of industries such as Retail, Finance, E-commerce, Healthcare, IT services:

- Data Scientist
- Data Analyst
- Business Analyst
- Data Engineer
- Senior Data Engineer
- Senior Data Analyst
- Data Director

FACULTY LIST

NAME OF THE FACULTY	DESIGNATION
Dr. Shaila S G	Chairperson and Professor
Dr. Santhosh Kumar G	Associate Professor
Dr. Suresh Arumugam	Associate Professor
Dr. U Pavan Kumar	Assistant Professor
Prof. Shivamma D	Assistant Professor
Prof. Monish L	Assistant Professor
Prof. Manjula M	Assistant Professor
Prof. Sindhu A	Assistant Professor
Prof. Mahendra M K	Assistant Professor
Prof. Godhandaraman T	Assistant Professor
Prof. Chandrakala L	Assistant Professor
Prof. Prapti Bhattacharjee	Assistant Professor
Prof. Kishor Malakar	Assistant Professor

FACULTY LIST

NAME OF THE FACULTY	DESIGNATION
Prof. Megha Chandel	Assistant Professor
Prof. Mithun Kumar	Assistant Professor
Prof. Souramita Bhowmik	Assistant Professor
Prof. Shashank Shekhar	Assistant Professor
Prof. Mriganka Das	Assistant Professor

SUPPORTING STAFF

NAME	DESIGNATION
Divya R	Teaching Assistant/Lab Instructor
Kiran Kumar H L	Lab Instructor
Shivabashayya Puranik math	Office Assistant

STUDENT INTAKE DETAILS

Academic Year	Intake	Admission Statistics
2020-2024	60	48
2021-2025	60	56
2022-2026	60	60
2023-2027	120	143
2024-2028	180	200
2025-2029	180	180

CURRICULUM STRUCTURE

Year 1

Gain foundational understanding of mathematical concepts, scientific principles, and fundamental principles and Statistical Foundations of Data science.

Year 2

Explore the intricacies of the Data Science discipline through a well-rounded curriculum that includes a balanced mix of core courses

Year 3

Students have the option to select from a diverse range of elective focus areas, allowing them to delve deeper and gain specialized expertise in their chosen field

Year 4

Apply and showcase your skills through real-world professional internships and a culminating dissertation project

TEACHING & LEARNING PROCESS

UNIQUE PEDAGOGY

- Teaching Pedagogy
- Project Based Teaching and learning
- Training on current Trending Tools
- Incorporated LMS

ASSESSMENT METHODS

- Problem solving assignments
- Seminar
- Reflection Notes on Industry Visits/Workshop/Webinar
- Computer Based QUIZ
- Open Book Test
- Case Studies
- Tech-Talks
- Codethon's/Hackathons/Ideathons

EMPOWERING ACTIVITIES

For SLOW LEARNERS -

- Faculty Mentors
- Remedial classes
- Assignments
- Improvement tests

For ADVANCED LEARNERS -

- Academic competitions
- Research Projects
- Conferences
- Workshops

For ALL STUDENTS -

- Internship in Industry
- Summer research internships

REMEDIAL CLASSES FOR - 6TH SEM



PROJECT EXPO - 4TH AND 8TH SEMESTER



EVENTS

NAME OF THE EVENT	CAPTURED IMAGES
WORKSHOP ON “CRYPTOGRAPHY IN ACTION: INNOVATIONS IN ENCRYPTION AND DATA SECURITY” 29TH JULY 2024	
DISCUSSION ON "DATA SCIENCE INNOVATION LAB" 23RD JULY 2024 RESOURCE PERSON: DR. VIKTOR K. PRASANNA, UNIVERSITY OF SOUTHERN CALIFORNIA	
WORKSHOP ON "EMERGING TRENDS IN AI AND DATA SCIENCE IN HEALTHCARE" 30TH JULY, 2024 TO 31ST JULY, 2024 RESOURCE PERSONS: DR. VINUTHA, ASSOCIATE PROFESSOR, DEPT. OF CSE (AIML), SOE, DSU AND PROF. PRADEEP KUMAR K, ASSISTANT PROFESSOR, DEPT. OF CSE (AIML), SOE, DSU	
WORKSHOP ON “NPTEL AWARENESS E-WORKSHOP” 09TH AUGUST, 2024 TO 10TH AUGUST, 2024 RESOURCE PERSON: PROF. SHIVAMMA D, ASSISTANT PROFESSOR, DEPT. OF CSE (DS), SOE, DSU	

EVENTS

NAME OF THE EVENT	CAPTURED IMAGES
VALUE ADDED COURSE ON “SPSS FOR APPLIED DATA SCIENCE” 19TH AUGUST, 2024 TO 21ST AUGUST, 2024 RESOURCE PERSONS: SHIVAMMA D, ASSISTANT PROFESSOR, CSE-DS AND MONISH L, ASSISTANT PROFESSOR, CSE-DS	
VALUE ADDED COURSE ON "EXPLORING C++" A DETAILED GUIDE TO EFFECTIVE PROGRAMMING" 19TH TO 23RD AUGUST 2024 RESOURCE PERSONS: PROF. MANJULA M, DR. U. PAVAN KUMAR, PROF. NANDINI K, PROF. VISHWAS D B, PROF. KAVYASHREE I PATTAN, AND DR. SANTHOSH KUMAR G	
VALUE ADDED COURSE ON “MACHINE LEARNING MASTERY: BOOST YOUR SKILLS FROM BASICS TO BRILLIANCE” 19TH-23RD AUGUST, 2024 RESOURCE PERSONS: PROF. POOJA SHREE H R, PROF. SINDHU A, PROF. KAVYASHREE I PATTAN, AND PROF. GODHANDARAMAN T	
CELEBRATION ON “TEACHERS DAY” 5TH SEPTEMBER, 2024	

EVENTS

NAME OF THE EVENT	CAPTURED IMAGES
INAUGURAL CEREMONY OF "IEEE INFORMATION THEORY SOCIETY STUDENT CHAPTER" SEPTEMBER 23, 2024 RESOURCE PERSON: DR. PREMANANDA B S, SENIOR MEMBER OF IEEE AND ASSOCIATE PROFESSOR AT RV COLLEGE OF ENGINEERING, BANGALORE (CHIEF GUEST)	 Kanakapura, Karnataka, India MOG V-68P, Kanakapura Rd, Kanakapura, Karnataka 562112, India Lat 12.660479° Long 77.648356° 23/09/24 11:01 AM GMT +05:30
COMPETITION ON "THE LOGO LEAGUE - IEEE INFORMATION THEORY SOCIETY" 23RD SEPTEMBER, 2024 RESOURCE PERSON: DR. ROCHNA ROY, ASSISTANT PROFESSOR, DEPT. OF ENGLISH, SOE, DSU (JURY)	 Kanakapura, Karnataka, India MOG V-68P, Kanakapura Rd, Kanakapura, Karnataka 562112, India Lat 12.66207° Long 77.650262°
WORKSHOP ON "UNLOCKING CREATIVITY: MATLAB FOR THE FUTURE" 25TH SEPTEMBER 2024 RESOURCE PERSONS: MR. AVINASH V, MR. RAKSHITH B S, AND SUBHAJIT GOSWAMI.	 Kanakapura, Karnataka, India MOG V-68P, Kanakapura Rd, Kanakapura, Karnataka 562112, India Lat 12.660414° Long 77.648308° 25/09/24 10:57 AM GMT +05:30
INDUSTRY VISIT TO "HEWLETT PACKARD ENTERPRISE FOR DATA CENTER / TECHNOLOGY" 27TH SEPTEMBER 2024 RESOURCE PERSON: NIRAJ KUMAR (CLIENT ARCHITECTURE) FROM HEWLETT PACKARD ENTERPRISE	 Bengaluru, Karnataka, India 192, HP Rd, STSD Campus, Mahadevapura, Bengaluru, Karnataka 560048, India Lat 12.996508° Long 77.688647° 27/09/24 12:17 PM GMT +05:30

EVENTS

NAME OF THE EVENT	CAPTURED IMAGES
Training on “Pre-Placement Training: Corporate Culture” 27th September 2024 Resource Persons: Ms. Roopa Priya JK, Placement Officer, SOE, DSU and Ms. Ritu, Trainer, CIL, SOE, DSU	 Kanakapura, Karnataka, India MC6X+6RP Kanakapura Rd. Kanakapura Karnataka 562112, India
Event on “Equipping Education Campuses for the Future: Harnessing AWS Skill Builder for GenAI Mastery” 04th October 2024 Resource Person: Hosted by AWS Skill Builder	 Bengaluru, KA, India Brigade Gateway Road, Rajaj Nagar, Bengaluru, 560010, KA, India Lat: 13.033489, Long: 77.556024 18/04/2024 06:13 PM GMT+05:30
Workshop on "Power BI for Business Intelligence-Unlocking Data Driven Decisions" 7th - 8th October, 2024 Resource Person: Dr. Vivek Raj S N, Assistant Professor, VIT, Vellore	
Celebration on “Ayudha Aaradhana 2024” 10th October, 2024	

EVENTS

NAME OF THE EVENT	CAPTURED IMAGES
Event on “NASSCOM - FORGE Industries Connect” 16th October 2024	
Pre-Placement Talk on “EdgeVerve System” 24th October, 2024 Resource Persons: Mr. Rajeshwar Rao (Head of Talent Acquisition), Mr. Karthik V R (Business Manager, Learning), and Mr. Arun Kumar (Talent Acquisition) from EdgeVerve Systems	
Awareness Program on “Plantation of plants for Good health” 25th October 2024	
Awareness Program on “E-waste and Wet Waste Management” 25th October 2024	

EVENTS

NAME OF THE EVENT	CAPTURED IMAGES
Awareness Program on “Swachh Bharat Abhiyan: A Clean India Initiative” 25th October, 2024	
Event on “Eighth Annual Convocation” 28th October 2024 Resource Persons: Prof. Debabrata Das (Chief Guest); Mr. Jonas Brunschwig (Guest of Honour); and Dr. D. Premachandra Sagar (Guest of Honour)	
Orientation on “NTT DATA at DSCE” 7th November, 2024 Resource Person: Representatives from the NTT DATA team	
Meeting on “Parents Teachers Meeting” 9th November, 2024	

EVENTS

NAME OF THE EVENT	CAPTURED IMAGES
Celebration on “Lakshmi Pooja Celebration 2024” 20th November 2024	
Competition on “Dance and Singing Competition” 20th November 2024 Resource Person: Dr. Rochna Roy, Assistant Professor, Department of Basic Sciences (Judge)	
Value Added Course on “Hands-on Training: to Become a Microsoft Azure Data Engineer” 25th November 2024 to 29th November 2024 Resource Person: Dr. Suresh Arumugam, Associate Professor, Department of CSE (Data Science)	
Value Added Course on “AI and ML in Nursing & Healthcare” 26th October 2024 to 27th November 2024 Resource Persons: Led by Dr. Shaila SG and Prof. Sindhu A	

EVENTS

NAME OF THE EVENT	CAPTURED IMAGES
Industry Connect Session with “OPPO” 10th December, 2024 Resource Persons: Syed Khaja Mohiddin M.E. (Senior Environmental Officer at KSPCB), Ms. Anuka Kumar (Head of CSR at OPPO India), and Dr. Naveen Babu (Vice Chancellor and Associate Dean)	
Hackathon on “Smart India Hackathon (SIH) 2024” 12th December 2024	
Expo on “TechSpark MATLAB Expo 2024” 24th December, 2024 Resource Persons: Dr. Debanand Singdeo, Senior Engineer, MathWorks India and Mr. Rakshith B S, Senior Application Engineer for MathWorks products at CoreEL Technologies, Bengaluru	
Event on "Ideaverse'25" 20th February, 2025 Resource Person: Dr. Kishore Kumar Pedapenki, Senior Member of IEEE and an Associate Professor at Jain University, Bangalore	

EVENTS

NAME OF THE EVENT	CAPTURED IMAGES
Workshop on "Predictive Power: MATLAB for Data Science" 5th of March, 2025 Resource Person: Mr. Avinash, Application Engineer, MathWorks Bangalore	
Programme on "FIT India Movement Programme 2025" 7th March 2025 Resource Persons: Mr. Mahesh, High Performance Analyst, SAI and Dr. Udaya Kumar Reddy, Dean, School of Engineering, DSU	
Workshop on "Industrial IoT for Automation" 10th, 11th, and 12th March 2025 Resource Persons: Mr. Mahesh Deginal, Mr. Harish, and Mr. Nithesh Kumar from Karunadu Technologies Pvt. Ltd.	
Workshop on "The Relational Model changed our world 50 years ago: what we never talk about" March 28th, 2025 Resource Person: Dr. Sebastian, Dean of the DSTI School of Engineering, France	

EVENTS

NAME OF THE EVENT	CAPTURED IMAGES
Conference on "SAP Inside Track Bengaluru 2025 – Business AI" 1st March 2025 Resource Persons: Sindhu Gangadharan, Gaurav Gupta, Vrushali Joshi, Chidambaram Barat, Pankaj Agrawal, Bhavya Singhal, and Karthik Raveendran	
Awareness Program on "World Health Day" 07th April 2025	
Awareness Program on "Water Conservation" 08th April 2025	
TechTalk on "NextGen Oracle - R&D Connect" 9th April 2025 Resource Persons: Ashutosh Naik, Director of Software Development at Oracle and N. Naveen Kumar, Senior Member of Technical Staff, R&D at Oracle	

EVENTS

NAME OF THE EVENT	CAPTURED IMAGES
Awareness drive on "Tuberculosis" 23rd April 2025	
Corporate Training Program on "Fractal Analytics" Date not specified Resource Person: Dr. Suresh Arumugam, Associate Professor at Dayananda Sagar University	
Meeting on "Parents Teachers Meeting" 26th February 2025	
Alumni Meet & Talk on "Alumni Tales: A Data Science Journey" 6th May 2025 Resource Persons: Rahul Srikanth, Technical Product Manager at EY; Ayesha Malaika, Chief Operating Officer at Acolyteai.in; and Varun N, Marketing Team at Acolyteai.in	

EVENTS

NAME OF THE EVENT	CAPTURED IMAGES
Session on "Advance Your Career Through MS/MBA Programs in Germany" 20th May 2025 Resource Person: Dr. Manjula Mundakana, Senior Advisor, German Consulate Bangalore	
Industry Conclave on "Curriculum Development" 23rd May 2025 Resource Persons: Mr. Pramod M. V., LTIMindtree; Mr. Vinayak Pai, LTIMindtree; and Ms. Mamatha Shanmugam, Capgemini	
Project Expo on "MIND SPARK 2025" 24th May 2025 Resource Person: Mr. Vinod D, EY, RMZ Infinity	
Session on "TechSpark MATLAB Expo 2025" 24th May 2025 Resource Person: Nisha U N, Programmer Analyst, Cognizant	

EVENTS

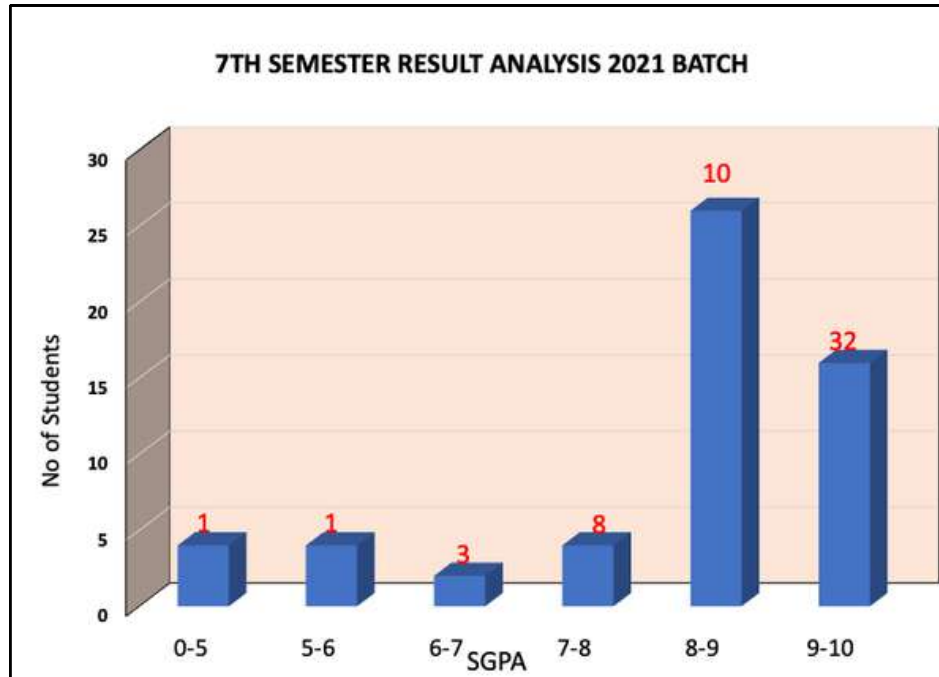
NAME OF THE EVENT	CAPTURED IMAGES
Expo on "Bright Minds Expo 2025" 27th May 2025 Resource Person: Dr. Basavaraj N. Hiremath, Professor, Department of CSE	
Meeting on "Board of Studies (BoS) Meeting- 2025" 30th May 2025 Resource Persons: Dr. K S Sreedhar, UBDTCE, Davanagere; Mr. Rajashekhar Hiremath, IBM India Software Labs; Dr. Mahesh Kumar H. Kolekar, IIT Kharagpur; and Dr. Surendiran K. NIT Puducherry	
Event on "Signature Day" 5th June 2025	
Function on "Farewell" 6th June 2025	

EVENTS

NAME OF THE EVENT	CAPTURED IMAGES
Meeting on "SIG Data Engineering & Vision Analytics" 20th June 2025	 Ramanagara, Karnataka, India Dayananda Sagara Mdc, Karnataka 562112, India Ramanagara, Karnataka 562112, India Lat 12.661793° Long 77.450799° 20/06/2025 04:33 PM GMT +05:30
Event on "International Day of Yoga 2025" 25th June 2025 Resource Person: Dr. K.S. Bhagyajyothi, Asst. Director Physical Education, DSU	 Ramanagara, Karnataka, India Dayananda Sagara Mdc, Karnataka 562112, India Ramanagara, Karnataka 562112, India Lat 12.662182° Long 77.450928°
Faculty Development Program on "DevOps & MLOps" 30th June to 4th July 2025 Resource Persons: Mr. Kiran Kumar, Dr. M.N. Saroja, Dr. S. Kannan, Mr. Dinesh Jothiram, and Internal Experts	 Ramanagara, Karnataka, India Dayananda Sagara Mdc, Karnataka 562112, India Ramanagara, Karnataka 562112, India Lat 12.662288° Long 77.450345° 04/07/2025 01:12 PM GMT +05:30
Ceremony on "Memorandum of Understanding (MoU) Signing" 3rd July 2025	 Ramanagara, Karnataka, India Dayananda Sagara Mdc, Karnataka 562112, India Ramanagara, Karnataka 562112, India Lat 12.662272° Long 77.450341° 03/07/2025 02:04 PM GMT +05:30

RESULT ANALYSIS

RESULT ANALYSIS (2021 BATCH)

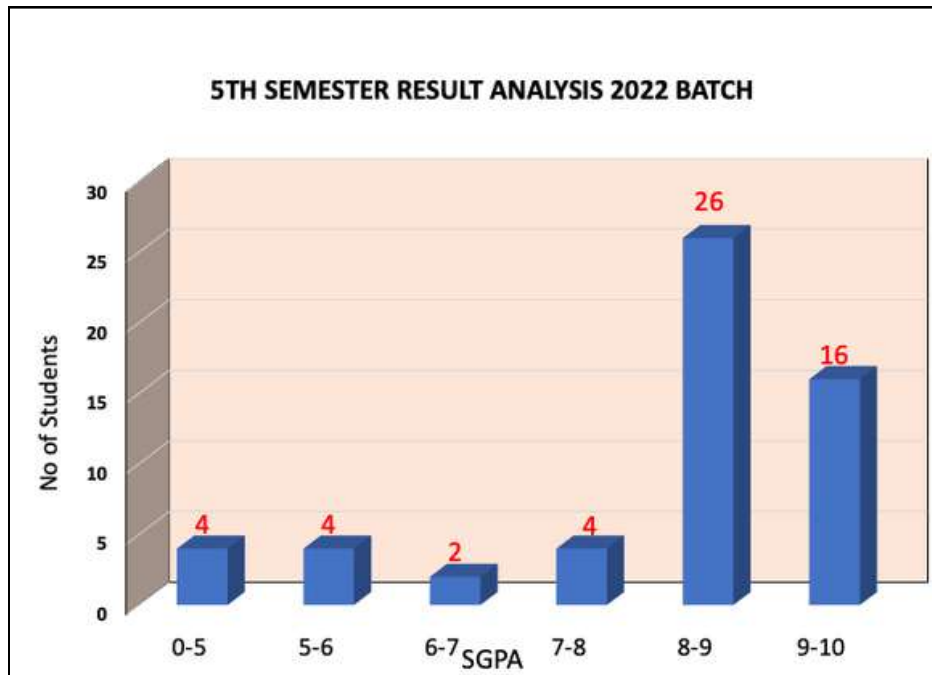


7TH SEMESTER TOPPERS (2021 BATCH)

USN	STUDENT NAME	SGPA
ENG21DS0013	CHAITHRA SHREE P	10
ENG21DS0038	SHEETAL P	10
ENG21DS0002	ABHISHEK A	9.75
ENG21DS0003	ABHISHEK N	9.75
ENG21DS0006	AKSHAYA B	9.75
ENG21DS0014	CHAITHRA K	9.75
ENG21DS0020	GOLLA PUJARI SOWMYA	9.75
ENG21DS0025	NOOR HADIYA	9.75
ENG21DS0028	PRIYANKA P	9.75
ENG21DS0039	SHUBHAM KUMAR	9.75

RESULT ANALYSIS

RESULT ANALYSIS (2022 BATCH)

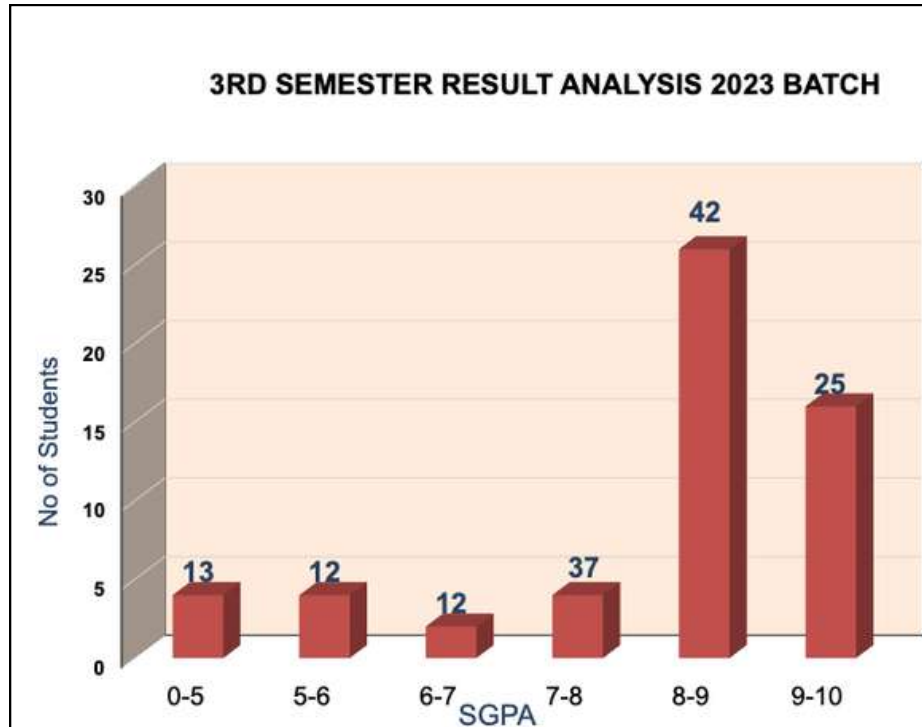


5TH SEMESTER TOPPERS (2022 BATCH)

USN	STUDENT NAME	SGPA
ENG22DS0002	HARSHA	9.84
ENG22DS0004	JANARDHAN K S	9.84
ENG22DS0032	KOVARTHANA K	9.84
ENG22DS0039	NITIN PRAJWAL R	9.84
ENG22DS0040	PAVAN KUMAR G	9.84
ENG22DS0017	SANJANA T	9.72
ENG22DS0024	VIRIKA OLIVIA SOANS	9.72
ENG22DS0003	HARSHITA JEETENDRA	9.6
ENG22DS0022	VENKAT NIVAS REDDY K	9.56
ENG22DS0010	R SINDHU	9.44

RESULT ANALYSIS

RESULT ANALYSIS (2023 BATCH)



3RD SEMESTER TOPPERS (2023 BATCH)

USN	STUDENT NAME	SGPA
ENG23DS0041	THUNGASHREE I L	9.57
ENG23DS0063	KAMMALA KALYAN	9.57
ENG23DS0065	KANISHKA SHARMA	9.57
ENG23DS0032	SHALINI S	9.39
ENG23DS0075	NAKATE VEDESHWARI	9.39
ENG23DS0129	VALLURI VINESH	9.39
ENG23DS0131	VENNAPUSA PUNITH	9.39
ENG23DS0026	PRIYANKA M	9.35
ENG23DS0098	AYUSH SINGH	9.35
ENG23DS0037	SHREYA PRAVEEN	9.3

STUDENT PLACEMENTS

B TECH 2021-2025 BATCH

DSU B.TECH CSE (DS) - 2025 BATCH - TOP PLACEMENT DETAILS

SL NO	USN NO	FULL NAME	COMPANY	CTC
1	ENG21DS0002	A ABHISHEK	PEGASYSTEMS	18
2	ENG21DS0046	V NIVAS REDDY	PEGASYSTEMS	18
3	ENG21DS0026	PRANJAL MEWARA	SAKS INDIA	13.45
4	ENG21DS0021	MANOJ V BHANDARE	CYWARE LABS	12.26
5	ENG21DS0035	SAMMANA BHAVANI PRASAD	STONEX	10
6	ENG21DS0016	DESAI SREENIJA	EDUSTATION	9
7	ENG21DS0028	PRIYANKA P	HPE	8.5
8	ENG21DS0031	R PREM KUMAR REDDY	INRY	8.4
9	ENG21DS0020	GOLLA PUJARI SOWMYA	INFOGAIN	6.35
10	ENG21DS0012	BINDU. B	ROYAL CYBER	6
11	ENG21DS0003	N ABHISHEK	MUSIGMA	5
12	ENG21DS0047	VINUTH GOWDA S	KPMG GLOBAL SERVICES	5
13	ENG21DS0017	DIKESH REDDY S N	ENCORA	5
14	ENG21DS0023	NIKUNJ VIHARI KONAKALLA	ENCORA	5
15	ENG21DS0041	SRINIVAS K	CONSILIO INDIA	5

STUDENT ACHIEVEMENTS (PLACEMENTS)

TOP RECRUITER 2021-2025 BATCH

PLACEMENT DETAILS

BATCH	REGISTERED	ELIGIBLE	NON ELIGIBLE	HIGHER EDUCATION	TOTAL OFFERS
2021-2025	49	32	17	4	31

	REGULAR OFFER	DREAM OFFER	SUPER DREAM OFFER
BATCH	UPTO 5 LPA	5 LPA TO 10 LPA	10 TO 15 LPA
2021-2025	15	9	4

FACULTY ACHIEVEMENTS

NAME OF THE FACULTY	FDP	SESSION REVIEWER	CERTIFICATION	PROJECT FUND/HACKATHONS/TECH TALK
Dr. Shaila S G	03	01	NIL	NIL
Dr. Santhosh Kumar G	06	NIL	01	NIL
Dr. Suresh Arumugam	02	NIL	NIL	NIL
Dr. U Pavan Kumar	13	01	02	NIL
Prof. Shivamma D	07	NIL	02	01
Prof. Monish L	02	NIL	NIL	NIL
Prof. Manjula M	01	NIL	NIL	01
Prof. Sindhu A	03	NIL	01	NIL
Prof. Mahendra M K	01	NIL	NIL	NIL
Prof. Godhandaraman T	11	NIL	NIL	NIL
Prof. Chandrakala L	02	NIL	NIL	03
Prof. Prapti Bhattacharjee	05	NIL	NIL	NIL

STUDENT ACHIEVEMENTS

- **Janardhan K S** for successfully completing the course **Data Visualization: Empowering Business with Effective Insights** on 08th August 2024 Forage.
- **Virika Olivia Soans** for successfully completing the course **Data Analytics and Visualization Job Simulation** on 28th August 2024 Forage.

Shashi kumar C has successfully achieved **1st place in the Engineering the Future. Ideathon competition** organized by the club YANTROVE from the department of CSE (AI&ML) ON 18th September, 2024.



Nitin Prajwal R. (USN: ENG22DS0039), Viriika Olivia Soans (USN: ENG22DS0024), Janardhan KS (USN: ENG22DS0004) of 5th Semester students selected as **“Global Nominee”** under the guidance of **Prof. Shivamma D** in the **2024 NASA International Space Apps Challenge** organised by NASA at Dayananda Sagar University, on 5th and 6th October 2024.

Adithya N (ENG23DS0049), Meghana N (ENG23DS0073), Chintha Deepak (ENG23RA0029), Praneeth (ENG23AM0225), and Nikhil (ENG23AM0258) of 3rd Semester students selected as **“Art and Technology Award”** under the guidance of **Prof. Shivamma D** in the **2024 NASA International Space Apps Challenge** organised by NASA at Dayananda Sagar University, on 5th and 6th October 2024.



STUDENT ACHIEVEMENTS

Job Jomy (ENG22DS0030) 5th Semester has actively participated in the “**Amazon Web Services Workshop**” held as part of TATHVA'24 conducted by National Institute of Technology Calicut during 25, 26 & 27 October 2024.



Priyanka.M (ENG23DS0026) 3rd semester from the “**Team Evara**” Fashion event won the First Place in the Inter College Fashion event organised by T JohnsInstitute of Technology held on 16/11/2024



Shashi Kumar C (ENG23DS0034) has successfully completed the course **Statistics for Data Science** with Python issued by Coursera authorized by IBM



Shashi Kumar C (ENG23DS0034) has successfully completed the HP LIFE online course **Effective Leadership** in association with HP Foundation on 21-11-2024.

STUDENT ACHIEVEMENTS

- **S. Nandini (ENG21DS0034)** has been accepted into the **Master of Science program in Data and Computational Science** at University College Dublin, Ireland.
- **Nitin Prajwal R (ENG22DS0039)** has been officially appointed as the **STUDENT LEAD** of the **GOOGLE Developer Groups**.

Pranjal Mewara (ENG21DS0026) has received an internship offer from **Amazon** as a **Business Intelligence Engineer** with a monthly stipend of **₹70,000**.



Thejas Gowda T S for successfully completed the course **Math & Optimizations: Introducing Sets & Set Operations** on December 13, 2024 at Infosys Springboard.



Janardhan K, Sujeeth Kumar D S and Om Singh participated in the **Grand Finale Smart India Hackathon 2024** at NIT Srinagar Jammu & Kashmir during 11-12th December 2024.

STUDENT ACHIEVEMENTS

B TECH 2020-2024 BATCH



YASHNA KARKERA
ENG20DS0048
GOLD MEDAL

VEDANTH BALIGA
ENG20DS0044
SILVER MEDAL



ABHIRUCHI S B
ENG20DS0002
SILVER MEDAL

STUDENT ACHIEVEMENTS

VinuRaj Vamshi presented a Conference Paper ID: 109 titled, Mobile Net-based Driver Drowsiness Detection and Monitoring System the International Conference on Healthcare Innovation and Smart Systems (ICHISS 2024) Organised by the Department of Computer Science and Engineering, Shri Shankaracharya Institute of Professional Management and Technology, Raipur, Chhattisgarh, India, during 29th-30th December 2024.



VinuRaj Vamshi presented a Conference Paper ID: 223 titled, An IoT-Driven Emergency Medical Service Vehicle Detection System Using WaveResNet and YOLOv8 for Real Time Traffic Management the International Conference on Healthcare Innovation and Smart Systems (ICHISS 2024) Organised by the Department of Computer Science and Engineering, Shri Shankaracharya Institute of Professional Management and Technology, Raipur, Chhattisgarh, India, during 29th-30th December 2024.

Shashi Kumar C successfully accomplished the official ACE-220: Enterprise Prototyping with Arduino Portenta Proto Kit on 8th January 2025.



Venkat Nivas Reddy K participated at the Asian Youth Summit held on 28th & 29th December 2024 in the Indo-Nepal Cabinet Committee as Prime Minister of Nepal and having secured BEST DELEGATE along with received Cash prize of Rs.4000/-

STUDENT ACHIEVEMENTS

Aditya S - ENG23DS0001 & Shashi Kumar - ENG23DS0034 were had an incredible opportunity to visit SAP Labs, Whitefield, Bengaluru for the 1st edition of SAP Inside Track Bengaluru 2025 – Business AI on 1st March 2025.



Sadgi Jaiswal (ENG23DS0082) has successfully participated in the AI Innovation Day: Bhasha Bandhu Ideathon on 25th February 2025 organized in collaboration with Microsoft and the Government of India's Bhashini Initiative.

Sadgi Jaiswal (ENG23DS0082) has participated in Ideaverse'25 hosted by the IEEE Information Theory Society CSE(DS), Dayananda Sagar University on 20th February 2025



Ayush Singh (ENG23DS0098) has successfully participated in the AI Innovation Day: Bhasha Bandhu Ideathon on 25th February 2025 organized in collaboration with Microsoft and the Government of India's Bhashini Initiative.

Ayush Singh (ENG23DS0098) has participated in Ideaverse'25 hosted by the IEEE Information Theory Society CSE(DS), Dayananda Sagar University on 20th February 2025.



STUDENT ACHIEVEMENTS

Vedeshwari Nakate (ENG23DS0075) has successfully participated in the AI Innovation Day: Bhasha Bandhu Ideathon on 25th February 2025 organized in collaboration with Microsoft and the Government of India's Bhashini Initiative



Vedeshwari Nakate (ENG23DS0075) has participated in Ideaverse'25 hosted by the IEEE Information Theory Society CSE(DS), Dayananda Sagar University on 20th February 2025

Amit Singh (ENG23DS0096) has successfully participated in the AI Innovation Day: Bhasha Bandhu Ideathon on 25th February 2025 organized in collaboration with Microsoft and the Government of India's Bhashini Initiative.



Sai Krishna S (ENG23DS0083) has successfully participated in the AI Innovation Day: Bhasha Bandhu Ideathon on 25th February 2025 organized in collaboration with Microsoft and the Government of India's Bhashini Initiative

Soumya Singh (ENG23DS0125) has successfully participated in the AI Innovation Day: Bhasha Bandhu Ideathon on 25th February 2025 organized in collaboration with Microsoft and the Government of India's Bhashini Initiative



STUDENT ACHIEVEMENTS

Bharat Kumar (ENG23DS0005) has participated in the Three days Hands on Workshop on Industrial IoT for Automation Organized by the Department of CSE(Data Science), DSU from 10th March to 12th March 2025 in association with Karunadu Technologies Private Limited, Bengaluru.



Mithilesh N A (ENG23DS0110) has participated in the Three days Hands on Workshop on Industrial IoT for Automation Organized by the Department of CSE(Data Science), DSU from 10th March to 12th March 2025 in association with Karunadu Technologies Private Limited, Bengaluru.

Anshuman (ENG22DS0026) has successfully completed the Online Course on “Geodata Processing using Python and Machine Learning” during 17th February 2025 to 28th February 2025 concerned by Indian Institute of Remote Sensing, Dehradun



Akshaya B (ENG21DS0006) has participated in the workshop AI/ML & 24 Hours Hackathon conducted by TechXcelerate from 22nd March to 23rd March 2025

Chaitra K (ENG21DS0014) has participated in the workshop AI/ML & 24 Hours Hackathon conducted by TechXcelerate from 22nd March to 23rd March 2025



STUDENT ACHIEVEMENTS

Shubham Kumar (ENG21DS0039) has participated in the workshop AI/ML & 24 Hours Hackathon conducted by TechXcelerate from 22nd March to 23rd March 2025



Nithin Prjawal (ENG22DS0039) has exhibited exceptional performance during the Microsoft AI Skills Fest 2025. His active involvement in sessions, challenges, and hackathon projects—focused on real-world AI solutions—showcased his technical proficiency and innovation, particularly with tools like GitHub Copilot and Azure AI Foundry. His dedication was recognized and appreciated not only by Sridharan Venkataramanan, Associate Vice President at GlobalLogic, but also by key Microsoft leaders including Gunjan Kathariya, Indrani Choudhury, and Kishore Kumar Thangavelu, who applauded his journey and progress. Their engagement and encouragement further reflect the impact Nitin made during the program, standing out as a top-performing, driven learner with a clear passion for AI.



Sachin Chandram Bhosagi-ENG22DS0014, Kumar Mukund -ENG23DS0069, Amit Singh-ENG23DS0096, and Sai Krishna S-ENG23DS0083 has participated in the 2025 Statewide Engineering IT Quiz TCS Tech Bytes an Inter -College Quiz on IT organized by TATA Consultancy Services and Board for IT Education Standards Government of Karnataka during 08th April 2024.



Vedeswari Nakate -ENG23DS0075, Sai Krishna S -ENG23DS0083, Shashi Kumar C -ENG23DS0034 participated in ROBOSOCER-2025, organized by the Electroblitz Club in association with AIC-DSU, Techflick, MIT Square and the IEEE Student Branch at Dayananda Sagar University on 25th-26th April 2025.

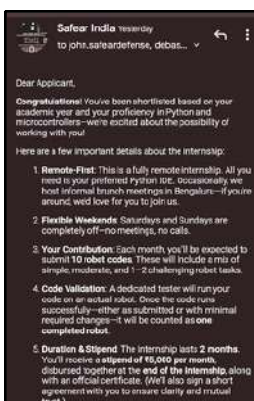
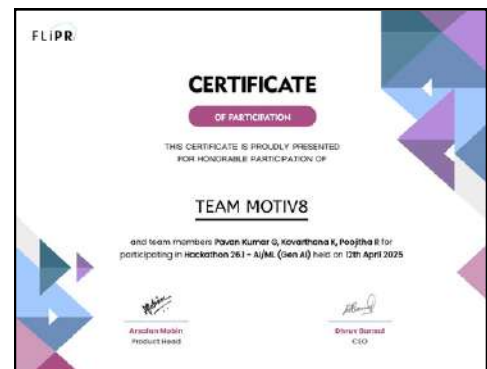
STUDENT ACHIEVEMENTS

Shashi Kumar C (ENG23DS0034) has received a Global Internship Offer worth \$200 from MIT Square official sponsor for National Robosoccer event Organized by Dept. of EC&E held on 25th-26th April, 2025 at DSU.



Aditya S (ENG23DS0001) secured the Second Runner-Up position in the Eurekathon 2025 competition, organized by the Department of Computer Science and Technology, and was awarded a cash prize of ₹6,000 on 29th April 2025

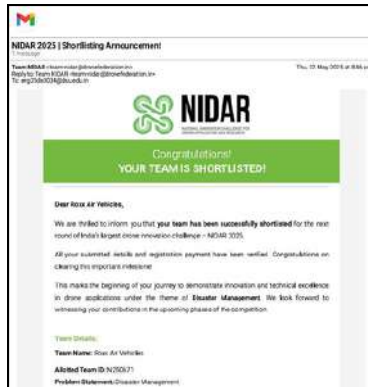
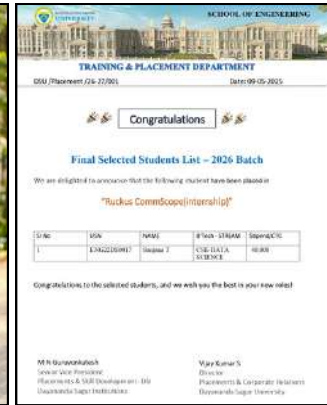
Kovarthana K (ENG22DS0032) & Pavan Kumar G (ENG22DS0040) participated in Hackathon 26.1-AI/ML(Gen AI) held on 12th April 2025



Shashi Kumar C (ENG23DS0034) internship offer from Safear Defence for Robotics Software Development, which involves working with MicroPython packages. The internship offers a base stipend of ₹5,000 and has the potential to convert into a full-time job after two months.

STUDENT ACHIEVEMENTS

Sanjana T (ENG22DS0017) for being selected for the Ruckus CommScope (Internship) with a stipend of 40,000 on 09th May 2025



Shashi Kumar (ENG23DS0034) & Aditya (ENG23DS0001) team has been successfully shortlisted for the next round of India's largest drone innovation challenge – NIDAR 2025 on 22nd May 2025.



Shashi Kumar C (ENG23DS0034) participated in the Drone Stack Trade Expo organized by drone federation of India from June 5th and 6th 2025 in the Bengaluru international exhibition Center we are working for a project for NDMA(National disaster management authority) govt. of India with a team of 8 named sktantra air systems our team is transforming the drone industry to new heights by networking with ceo's and cto's of leading UAV company

RESEARCH PUBLICATIONS - JOURNALS

1. VR Gurudas, SG Shaila, A Vadivel - "Morphological and Textural Data Fusion for Breast Cancer Classification Based on Inter and Intra group Variances." International Journal of Intelligent Engineering & Systems 17 (3) on 2024/5/1.
2. A Novel Approach for Detection and Identification of Vehicles Using Single Shot MultiBox Detector (SSD) and Real-Time Analytics," published in Educational Administration: Theory and Practice, June 13, 2024, 30(6), pages 2767-2775, ISSN: 2148-2403. (Q4)

CONFERENCE PAPERS

1. SG, Sumana and Yerva, Manjula and S G, Shaila and K, Srinivas and S, Vinuth Gowda "Complex Facial Expression Analysis and Recognition using Deep Networks," 2024 International Conference on Inventive Computation Technologies (ICICT), Lalitpur, Nepal, 2024, pp. 563-567, doi: 10.1109/ICICT60155.2024.10545002
2. M Manjula, Kakoli Bora, SG Shaila, Skanda N Raj, R Thilak, Akanksha Kanchireddy "Enhancing Data Privacy through a Secure Data Hiding Approach Integrated with Lossless Compression," 2024 International Conference on Inventive Computation Technologies (ICICT), Lalitpur, Nepal, 2024, pp. 1465-1470, doi: 10.1109/ICICT60155.2024.10544914.
3. Prof. Monish L, Dr. Shaila S G, Dr. U. Pavan Kumar presented a Conference Paper ID: 201 titled, Piezoelectric Sensor based Apnea Disorder Prediction IoT using Monitoring System the International Conference on Healthcare Innovation and Smart Systems (ICHISS 2024) Organised by the Department of Computer Science and Engineering, Shri Shankaracharya Institute of Professional Management and Technology, Raipur, Chhattisgarh, India, during 29 -30 December 2024.
4. A Sindhu, A Suresh, SG Shaila, B Bindu, B Akshaya, P Priyanka, "Personalized Skincare Recommender System Using Deep Learning, " 2025 3rd International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), Coimbatore, India, 2025, pp. 1-6, doi: 10.1109/ICAECA63854.2025.11012227.

CONFERENCE PAPERS



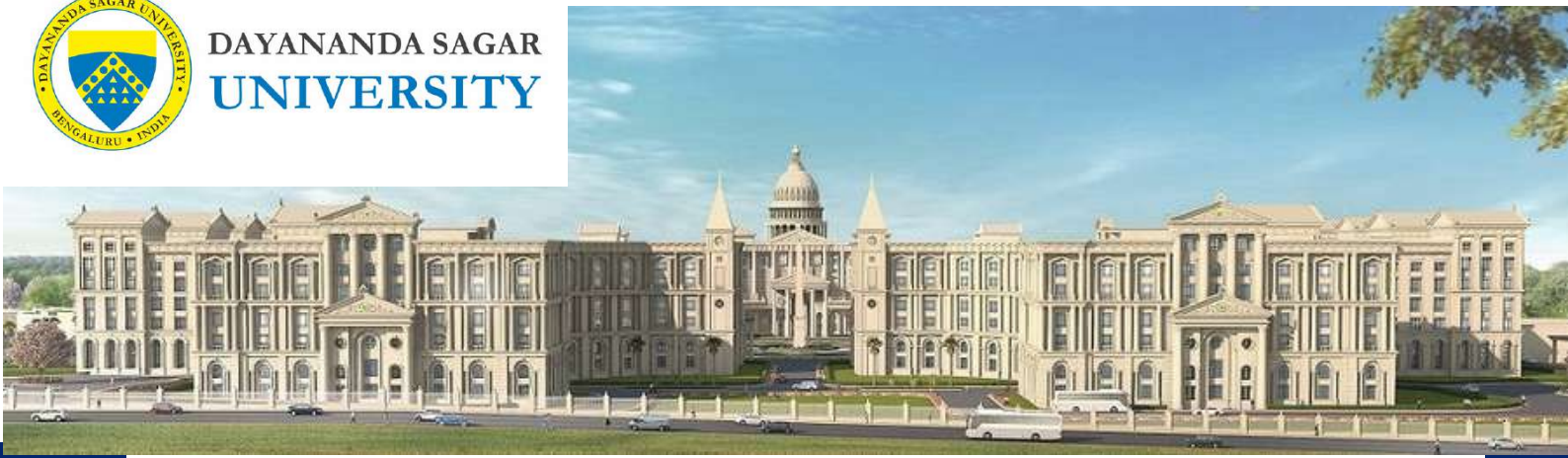
5. SG, Sumana and Yerva, Manjula and S G, Shaila and K, Srinivas and S, Vinuth Gowda "Complex Facial Expression Analysis and Recognition using Deep Networks," 2024 International Conference on Inventive Computation Technologies (ICICT), Lalitpur, Nepal, 2024, pp. 563-567, doi: 10.1109/ICICT60155.2024.10545002
6. M Manjula, Kakoli Bora, SG Shaila, Skanda N Raj, R Thilak, Akanksha Kanchireddy "Enhancing Data Privacy through a Secure Data Hiding Approach Integrated with Lossless Compression," 2024 International Conference on Inventive Computation Technologies (ICICT), Lalitpur, Nepal, 2024, pp. 1465-1470, doi: 10.1109/ICICT60155.2024.10544914.
7. Prof. Monish L, Dr. Shaila S G, Dr. U. Pavan Kumar presented a Conference Paper ID: 201 titled, Piezoelectric Sensor based Apnea Disorder Prediction IoT using Monitoring System the International Conference on Healthcare Innovation and Smart Systems (ICHISS 2024) Organised by the Department of Computer Science and Engineering, Shri Shankaracharya Institute of Professional Management and Technology, Raipur, Chhattisgarh, India, during 29 -30 December 2024.
8. A Sindhu, A Suresh, SG Shaila, B Bindu, B Akshaya, P Priyanka, "Personalized Skincare Recommender System Using Deep Learning, " 2025 3rd International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), Coimbatore, India, 2025, pp. 1-6, doi: 10.1109/ICAECA63854.2025.11012227.
9. S Kanagaraj; Suresh A; Sindhu A, "Cloud-Based Deep Learning for Pneumonia Detection: A Comprehensive Overview, 2025 3rd International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), Coimbatore, India, 2025, pp. 1-7, doi: 10.1109/ICAECA63854.2025.11012567
10. A Sindhu, A Suresh, SG Shaila, B Bindu, B Akshaya, P Priyanka, "Personalized Skincare Recommender System Using Deep Learning, " 2025 3rd International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), Coimbatore, India, 2025, pp. 1-6, doi: 10.1109/ICAECA63854.2025.11012227.
11. A Sindhu, A Suresh, B Bindu, P Priyanka, "Visual Simultaneous Localisation and Mapping (VSLAM) for Unstructured Environment, " 2025 3rd International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), Coimbatore, India, 2025, pp. 1-4, doi: 10.1109/ICAECA63854.2025.11012543.

CONFERENCE PAPERS

12. Manjula, M., Monish, L., Vedashree, L. V., & Shivamma, D. (2024, September). Novel Approach for Brain Tumor Classification with CNN and MobileNet. In 2024 7th International Conference on Contemporary Computing and Informatics (IC3I) (Vol. 7, pp. 1241-1244). IEEE.
13. Monish, M., Shivamma, D., Srinivas, K., Gowda, V., Sheetal, P., & Nandhini, S. (2025, January). Continuous Sign Language Recognition Using 3D Convolutional Neural Networks. In 2025 International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics (IITCEE) (pp. 1-5). IEEE
14. Shivamma, D., Manjula, M., & Eshwar Reddy, M. (2025, January). Smart Wheelchair Navigation Using Gesture-Based Control and IoT. In 2025 International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics (IITCEE) (pp. 1-4). IEEE.



**DAYANANDA SAGAR
UNIVERSITY**



DSU Main Campus:

Devarakaggalahalli, Harohalli,
Kanakapura Road, Ramanagara Dt.,
Bengaluru – 562 112
E-mail: admissions@dsu.edu.in

DSU City Innovation Campus:

Administrative & Main Admission office,
Kudlu Gate, Hosur Road,
Bengaluru - 560 068
Admissions Helpline: 080 49092924 / 25
E-mail: admissions@dsu.edu.in |
dsat@dsu.edu.in

DSU City Admissions Office:

Gate 2, 6th Floor, University Building,
Dental Block, Kumaraswamy Layout,
Bengaluru - 560111
Admissions Helpline: 080 46461800
E-mail: dsat@dsu.edu.in / enquiry@dsu.edu.in
/ admissions@dsu.edu.in



**SCHOOL OF
ENGINEERING**