



Department of Computer Science and Engineering (Data Science)

Events Conducted under DJS-S4DS

A.Y. 2025-26

Sr. No.	Report Title
1	Introduction to Intellectual Property and Ethical Dimensions of Intellectual Property
2	ML Bootcamp
3	Robotics Workshop
4	Expert Talk on Cloud Security with AWS Security Services & HashiCorp Tools
5	DevOps Seminar
6	Xtract 4.0
7	Industrial Visit : Reliance Jio
8	DJS Sanshodhan 2026 Project Competition
9	Everything Hacks: Shivam Musterya
10	DataHack 4.0



Shri Vile Parle Kelavani Mandal's
DWARKADAS J. SANGHVI COLLEGE OF ENGINEERING
 (Autonomous College Affiliated to the University of Mumbai)
 NAAC Accredited with "A" Grade (CGPA : 3.18)



DJS S4DS - Students' Chapter (For the A.Y 2025-26)

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 Prof. Pradnya Saval
 Prof. Ruchika Patil

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 (60009230197- CSE(DS))

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 (60009230140- CSE(DS))

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 (60009230161- CSE(DS))
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 (60009230004- CSE(DS))
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 (60009230026- CSE(DS))

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 (60009230064- CSE(DS))
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 (60009230156- CSE(DS))
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 (60002231097- EXTC)

Best of luck to all!

Best Wishes to the Committee!

Dr. Hari Vasudevan
 (Principal)

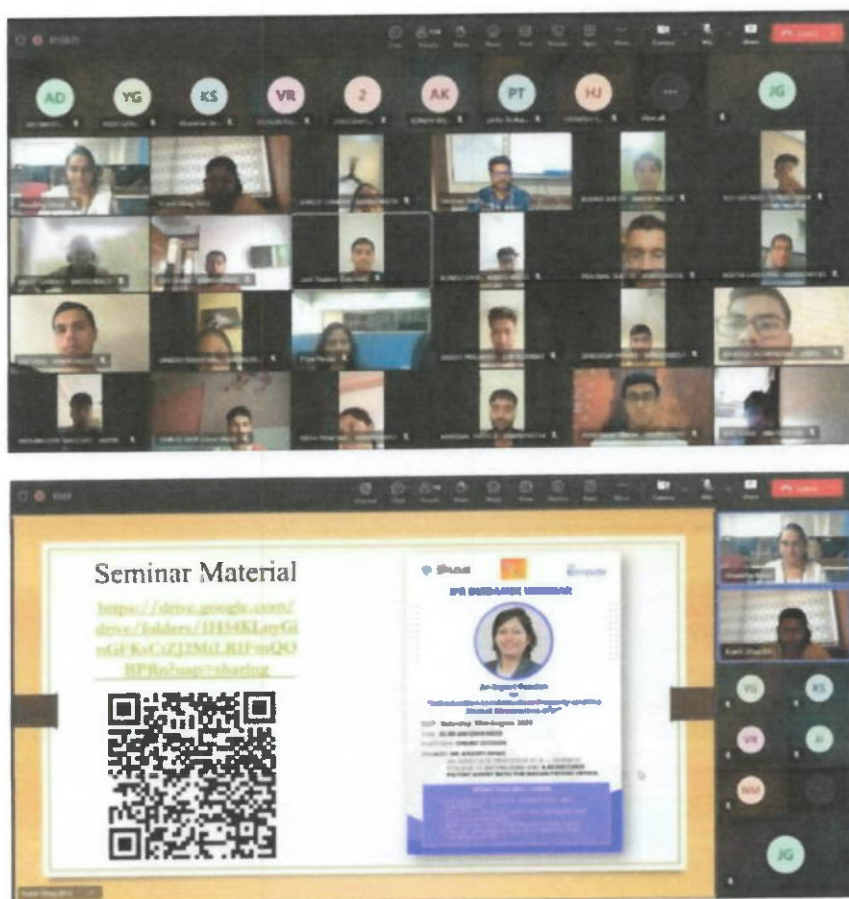


DJS- S4DS
(Society for Data Science)

Report of IPR Workshop

A Webinar On -

“Introduction to Intellectual Property and Ethical Dimensions of IP”



Type of Activity: Student

Expert: Dr. Kranti Ghag

Association of the Expert: Associate Professor, Department of Computer Engineering and Registered Patent Agent at Indian Patent Office

Date of the Event: 23rd August, 2025

Participants: 120

Objectives of the Activity:

- To introduce students to the fundamentals of Intellectual Property (IP).
- To explore the ethical dimensions of IP in innovation and product development.
- To provide insights into patent filing and its importance in safeguarding creativity.

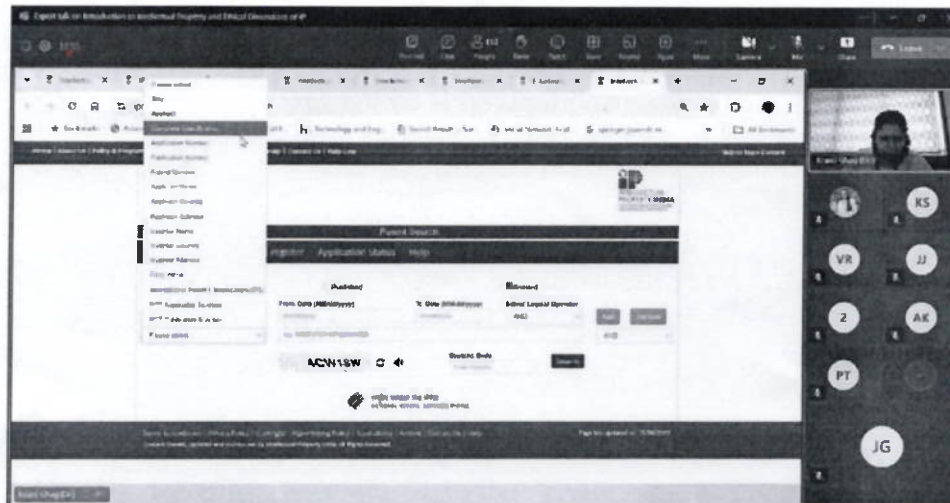
Content:

The session proved to be immensely valuable for students of the Innovative Product Development course, as it emphasized the vital role of intellectual property in safeguarding creativity, enabling commercialization, and fostering responsible innovation. Dr. Ghag's expertise effectively bridged the gap between technical ingenuity and its ethical, real-world application, inspiring participants to approach product development with a focus on novelty, impact, and sustainability.

In addition to highlighting the broader significance of intellectual property rights, the session offered students a detailed and practical understanding of the patent filing process. Through real-world examples and accessible explanations, Dr. Ghag demystified the often complex procedures of protecting innovations, empowering students with the knowledge and confidence to secure their creative outputs in the future.

The interactive nature of the session further enriched the learning experience. Students were encouraged to reflect on how intellectual property strategies can shape not only the success of individual products but also the trajectory of entire industries. By connecting theoretical aspects of innovation management with practical insights, Dr. Ghag provided a holistic perspective that will continue to guide students as they transform ideas into market-ready solutions.

Overall, the session not only deepened students' understanding of intellectual property but also cultivated a mindset of responsible innovation—encouraging them to view patents and protection mechanisms as integral components of creating meaningful, sustainable, and impactful technologies.



Ruchi
Prof. Ruchika Patil
(Faculty coordinator)

Kriti
24/8/25
Dr. Kriti Srivastava
(Head of Department (CSE(DS)))



ML Bootcamp



Expert: Core members of DJS S4DS and DJS Compute

Association of the expert: DJS S4DS and DJS Compute

Date of the event: 1st and 2nd September, 2025

Venue: 5th floor classroom 52 and 53, DJ Sanghvi College of Engineering

Participants: 115

Objectives of the activity:

- To introduce participants to the end-to-end process of a machine learning project.
- To provide hands-on practice in data cleaning, manipulation, and visualization using Python.
- To teach feature engineering, model building, and evaluation through practical examples.
- To familiarize participants with algorithms like decision trees, random forests, and boosting methods.

Contents:

The Machine Learning Bootcamp was a hands-on learning experience that took participants through the complete journey of working with data. It started with a simple introduction to Python and gradually moved toward applying real machine learning techniques. Students learned how to clean, organize, and explore data to understand the stories it tells. They worked with real datasets, fixing missing values, handling outliers, and using visualizations to spot trends and relationships between variables.

As the sessions went on, the focus shifted to building stronger data models. Participants learned how to engineer meaningful features, select the right ones for prediction, and prepare data so that machine learning algorithms could learn effectively. They experimented with models like



decision trees, random forests, and ensemble methods such as bagging and boosting, while understanding how to split data into training and testing sets and measure how well their models performed.

By the end of the bootcamp, everyone had built and tested multiple models, compared their results, and understood how small data decisions can impact big outcomes. They gained confidence in using tools like Pandas, NumPy, Matplotlib, and Scikit-learn to turn raw data into actionable insights. More than just coding, the bootcamp helped participants think like data scientists—curious, analytical, and creative in solving problems. It was a practical and inspiring introduction to the world of machine learning that encouraged participants to keep exploring and building on what they learned.

Outcomes:

- Participants learned to prepare and analyse real-world datasets effectively.
- They gained practical experience in building and evaluating multiple ML models.
- They understood key concepts such as train-test split, feature selection, and performance metrics.
- The bootcamp strengthened their analytical thinking and confidence in using ML tools and techniques.

Program Outcomes mapped (Please tick the mapped POs):

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
✓		✓	✓	✓							✓

Program Specific Outcomes mapped (Please tick the mapped PSOs):

PSO1	PSO2	PSO3	PSO4
✓		✓	



Photographs (with captions)



Seniors explaining concept



Participants listening to speaker

Attendance:

Sr. No.	Full Name	Contact No.	SAP ID	Department
1	Aadi Bansal	9833011365	60003240218	IT
2	Aarana Chaurasia	8369303300	60009240217	CSE (DS)
3	Aashi Tiwari	9987185678	60017240109	AIML
4	Abhishek Pandey	9653620965	60003240191	IT
5	ADITYA DESAI	8291588572	60009240117	CSE (DS)
6	Aditya Sharma	9967977679	60005240206	MECH
7	Aiden Rebello	9920598467	60002240101	EXTC
8	Akarshak Singh	8605720924	60009240197	CSE (DS)
9	Akash Prajapati	9773720668	60009240284	CSE (DS)
10	Amaan Sayed	8468844230	60017240013	AIML
11	Amaansh Kazani	9978260306	60004240227	COMPS
12	Aman Lohiya	9422771050	60005240106	MECH



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Academic Year : 2025-26



13	Amatullah Kayyumi	7718026785	60003240237	IT
14	Ananyabrata Chakraborty	9076331134	60017240117	AIML
15	Anikait Girish Nair	9833259238	60009240165	CSE (DS)
16	Anjali Sinha	7385005024	60009240204	CSE (DS)
17	Anuja Dubbewar	9029335999	60009240281	CSE (DS)
18	Anushri Amre	9137367540	60009240225	CSE (DS)
19	Arsh Kazi	9082084705	60019240110	CSE (ICB)
20	Aryan Tanna	7666999887	60009240083	CSE (DS)
21	Aryanreddy Nalload	7977661625	60009240257	CSE (DS)
22	Atharva Achirnekar	9321676575	60009240130	CSE (DS)
23	Atharva Agalawe	8097293460	60009240008	CSE (DS)
24	Atharva Mehta	7400023825	60009240243	CSE (DS)
25	Atharva Sharad Sawant	9619391499	60003240178	IT
26	Atharva Suryavanshi Patil	9004491986	60009240192	CSE (DS)
27	Avinash Gupta	9372608356	60009240203	CSE (DS)
28	Bhavik Shah	9822233837	60009240114	CSE (DS)
29	Bhavika Jhanwar	9619027141	60009240195	CSE (DS)
30	Bhumi Shah	9326167068	60009240003	CSE (DS)
31	Bishwajeet Sukumar Manna	9833987870	60009240010	CSE (DS)
32	Daksh Mehta	9987070476	60019240103	CSE (ICB)
33	daksh shah	9321748936	60003240036	IT
34	Danish jain	8652477694	60009240068	CSE (DS)
35	Darshil mehta	9324891415	60017240156	AIML

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36	Dev Parag Sanghavi	9321309931	60004240161	COMPS
37	Dev shah	8928312355	60009240037	CSE (DS)
38	Dharmi Chauhan	8767252876	60009240101	CSE (DS)
39	Dhatri Neerja	8369114379	60009240201	CSE (DS)
40	Dhriti Ruparelia	9867446305	60004240250	COMPS
41	Dhruvil Vijaykumar Shah	8369364480	60017240055	AIML
42	Dhruv	9372954456	60009240046	CSE (DS)
43	Dhruv Nilesh Mehta	9987480208	60003240046	IT
44	Dhruv Rajendra Badhe	8591472354	60009240170	CSE (DS)
45	Dhruvi Nikhil Shah	8928870917	60009240144	CSE (DS)
46	Dhruvi Shah	8591854806	60009240064	CSE (DS)
47	Div vyas	8369124481	60009240251	CSE (DS)
48	Divit	9322004080	60003240056	IT
49	Dravvya Jain	8591623145	60018240107	AIDS
50	Drishti Agrawal	8657367665	60009240198	CSE (DS)
51	Eesha Patel	9082792279	60009240109	CSE (DS)
52	Eshaan Doshi	9819407777	60009240150	CSE (DS)
53	Fanali	7249095464	60002240233	EXTC
54	Gauri Barve	9372697911	60009240166	CSE (DS)
55	Gauri Shirke	8169872914	60004240210	COMPS
56	George Varghesekutty Annamattathil	7304762232	60009240202	CSE (DS)
57	Harsh Anil Shah	9969550750	60009240266	CSE (DS)
58	Harsh Bagde	9820904478	60009240179	CSE (DS)



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59	Harsh Jaiswal	7021439132	60009240153	CSE (DS)
60	Harsh Modi	9579823312	60003240199	IT
61	Harsh Sarvaiya	7304092660	60003240109	IT
62	Harsh Vipesh Patil	8482816980	60009240213	CSE (DS)
63	Harshal Shukla	7208609679	60009240154	CSE (DS)
64	Harshita Sadhwani	9967567593	60009240173	CSE (DS)
65	heer bhadra	9316191266	60009240026	CSE (DS)
66	Heer Mehta	7208414919	60009240156	CSE (DS)
67	Heet Nisar	9820363236	60005240044	MECH
68	Hetanshi Sanjay Poriya	8928177600	60009240248	CSE (DS)
69	Jaimil Vikrant Maniar	8779395234	60017240018	AIML
70	Jash Madhani	9324284411	60003240193	IT
71	Jash Thakkar	8928491632	60009250032	CSE (DS)
72	Jayesh Naik	8657176929	60003240281	IT
73	Jinay Shah	8928439739	60009240282	CSE (DS)
74	Jiya chirag jain	9867291725	60009240246	CSE (DS)
75	Joshua Fernando	9321873065	60009240275	CSE (DS)
76	Kaavya J. Mehta	9137323131	60003240250	IT
77	Kahaan Pethani	8779901368	60004240242	COMPS
78	Karan Bhanushali	9307595332	60009240149	CSE (DS)
79	Kashish Rathod	9834753076	60009240119	CSE (DS)
80	Kavya Chauhan	9967875603	60017240051	AIML
81	Keshav Chandak	9769316346	60009240188	CSE (DS)



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105	Megh Parikh	8097306530	60005240201	MECH
106	Mehak Patel	8356939813	60002240241	EXTC
107	Miti Shah	961018666	60009240231	CSE (DS)
108	Mohammad jaffer hussin	8169142920	60017240129	AIML
109	Mohit Kankaria	7666449111	60009240172	CSE (DS)
110	Muskan Ranka	8104595921	60009240102	CSE (DS)
111	Naina Singh	7977648164	60009240210	CSE (DS)
112	Nakul Dagade	7741004987	60003240295	IT
113	Nakul maurya	9769437747	60017240114	AIML
114	Naman Jain	9082534347	60009240169	CSE (DS)
115	Namya Puthran	9987018971	60009240214	CSE (DS)
116	Neel Bansal	8850698969	60017240135	AIML
117	Neil Mhatre	7977502414	60009240206	CSE (DS)
118	Nekkanti Jai Sumanth	9372680382	60009240199	CSE (DS)
119	Nirav Kawa	9326518834	60009240011	CSE (DS)
120	Nirjal Sandeep Jagtap	9819569045	60009240167	CSE (DS)
121	Niti K Jain	7276033847	60009240205	CSE (DS)
122	PALAK SHAH	7378711721	60003240258	IT
123	Pankit Shah	8104257675	60003240267	IT
124	Paridhi Agarwal	8828237718	60009240194	CSE (DS)
125	Parth Chetan Gogari	8591911977	60017240087	AIML
126	Parth kirti shah	9321233467	60009240006	CSE (DS)
127	Parth Patel	9819723980	60019240085	CSE (ICB)



128	Parv Jain	9136500965	60003240224	IT
129	Prajwal Suresh Shetty	9325969749	60009240226	CSE (DS)
130	Pranav Khandelwal	9373394750	60017240078	AIML
131	Pratham Shah	8369095297	60009240129	CSE (DS)
132	Pratik Giya	9819712394	60009240222	CSE (DS)
133	Preet Pancholi	8369598859	60002240249	EXTC
134	Preet Pragadeshkumar Shah	9136892274	60009240253	CSE (DS)
135	Prehan Shah	9619489529	60002240003	EXTC
136	Prerana Rajendra Shimpi	7977713542	60003250043	IT
137	Prisha Kulkarni	8104773044	60009240186	CSE (DS)
138	Prisha Varde	8425898896	60003240188	IT
139	Priyanka Patil	7058796946	60009240274	CSE (DS)
140	Priyansh	7021363352	60009240085	CSE (DS)
141	Priyansi Desai	7678078452	60009240069	CSE (DS)
142	Punya Mehta	9321619034	60009240237	CSE (DS)
143	Rhushikesh Sanjeev Kadam	9833180289	60009240134	CSE (DS)
144	Rishabh Mewada	8369915256	60002240002	EXTC
145	Rishit Kaushal Nanavati	9820286649	60017240003	AIML
146	Ritesh Dinesh Gupta	9619840080	60004240103	COMPS
147	Royston Bryson Soans	8369036325	60017240184	AIML
148	Ruchit Rathi	9920205857	60019240050	CSE (ICB)
149	Rudra Karia	9321837877	60002240236	EXTC
150	Rudra Sachin Pal	7715814224	60009240221	CSE (DS)



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151	Rudresh Parmar	9833691397	60005240125	MECH
152	Rutvi Sanura	8286525637	60009240240	CSE (DS)
153	SAKSHI GANDHI	8655075744	60009240113	CSE (DS)
154	Sakshi S. Shelar	9136972234	60004240182	COMPS
155	Sakshi Shirke	8552875147	60009240139	CSE (DS)
156	Sanskar Nikam	8452070615	69019240102	CSE (ICB)
157	Shaan Suvarna	9004134210	60017240009	AIML
158	Shaikh Rihaan Ramzan Ali	9326567671	60017240190	AIML
159	Shlok Santosh Bare	7447781906	60009240191	CSE (DS)
160	Shravani Baraskar	8104791797	600009240200	CSE (DS)
161	Shravani Pramod Rane	8779636641	60002240227	EXTC
162	Shravya Shetty	9653264854	60002240281	EXTC
163	Shreya Khanna	9987762726	60017240186	AIML
164	Shubham Alpesh Shah	7498355039	60004240130	COMPS
165	Siya Bhagat	7738122051	60009250065	CSE (DS)
166	Sneha Chauhan	9987961336	60002240231	EXTC
167	Sneha Sancheti	8830837206	60002240042	EXTC
168	Srushti Maurya	8779665455	60003240189	IT
169	Swaleha Masud Shaikh	9867681258	60017250011	AIML
170	TANAY KETAN GALA	7738135736	60017240007	AIML
171	Tanay Suryawanshi	8530566419	60004240232	COMPS
172	Tanvi Talvadekar	7304199750	60002240194	EXTC
173	Tiara Thettayil	8788956946	60009240271	CSE (DS)



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197	Yug Kinjal Shah	7990519804	60009240100	CSE (DS)
198	Yug Mayur Doshi	9372211349	60009240066	CSE (DS)
199	Yug Nirav Raval	9594174118	60005240020	MECH
200	Zane Nazareth	9372185727	60009240164	CSE (DS)

Faculty Coordinator

(Prof. Ruchika Patil)

10/9/26

Head of the Department

(Dr. Kriti Srivastava, CSE-DS)



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Department of Computer Science & Engineering (Data Science)

Academic Year : 2025-26

Robotics Workshop



Date : 24th September 2025

Venue : 3rd Floor Seminar Hall, DJ Sanghvi College of Engineering

Organised by : DJS-S4DS

Expert : Mr. Rajeev Sahaya



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Objectives of the Activity:

- Familiarize participants with core robotics concepts (what a robot is, categories of robots) and motivate why robotics matters for engineering careers and Industry 4.0.
- Teach practical build-and-program skills for small robots: line-follower robots, gripper/pick-and-place mechanisms, and basics of robo-race design.
- Provide hands-on exposure to Arduino and embedded systems
- Introduce sensors, actuators and control concepts
- Encourage cross-disciplinary teamwork by highlighting roles of mechanical, electronics and computer science in successful robot projects.
- Prepare students for competitive formats (Robo Race / Line Follower competitions) by covering strategy, safety, and performance tuning

Content:

The workshop began with an introduction to robotics, explaining the definition of a robot, its various categories, and the importance of robotics in Industry 4.0 and modern engineering. Participants were exposed to the scope of robotics competitions such as Robo Race and Line Follower, along with their rules, strategies, and the practical challenges they pose.

The sessions then covered the hardware platform in detail, introducing components such as Arduino UNO, L298N motor driver, HC-05 Bluetooth module, battery packs with buck converters, servo motors, DC geared motors, wheels, chassis, and gripper mechanisms. Practical demonstrations were given on assembling the robots and wiring circuits to ensure correct power distribution and safety.

A large part of the workshop focused on embedded systems and Arduino programming. Students learned how to set up the Arduino environment, connect sensors, upload sketches, and establish communication through Bluetooth and serial interfaces. Actuator control was emphasized



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through DC motors and servos, where PWM signals were used to control speed and torque, and servos were programmed for precise gripper movements.

Participants then moved into sensor applications, working with line sensors for line-follower robots and exploring basic control strategies such as open-loop and closed-loop responses. Practical exercises included building and running a line-follower robot and assembling a gripper robot capable of pick-and-place operations. A demonstration of robo-race design highlighted chassis balance, wheel configuration, and speed–stability trade-offs.

The workshop also underlined the importance of teamwork between mechanical, electronics, and software domains. Examples of collaboration and good practices were given, such as dividing responsibilities effectively and making use of version control tools for project management. Towards the end, future directions in robotics were introduced, such as the role of ROS, IoT integration, AI and machine learning in robotics, and cloud-based data handling. The workshop concluded with Q&A, troubleshooting guidance, and resources for further exploration.

Outcomes of the Activity:

- Gained understanding of robotics concepts, categories, and industrial relevance.
- Acquired hands-on skills in assembling robots using Arduino, motor drivers, servos, sensors, and Bluetooth modules.
- Learned programming basics for motor control, PWM, and sensor-based decision-making.
- Built and tested functional line-follower and gripper robots during the workshop.
- Developed awareness of strategies required for robo-race and line-follower competitions.
- Improved ability to collaborate across mechanical, electronics, and software tasks with structured teamwork.
- Understood pathways for advanced study in robotics, embedded systems, IoT, and AI integration.
- Increased confidence in participating in robotics competitions and pursuing certifications or higher-level projects.



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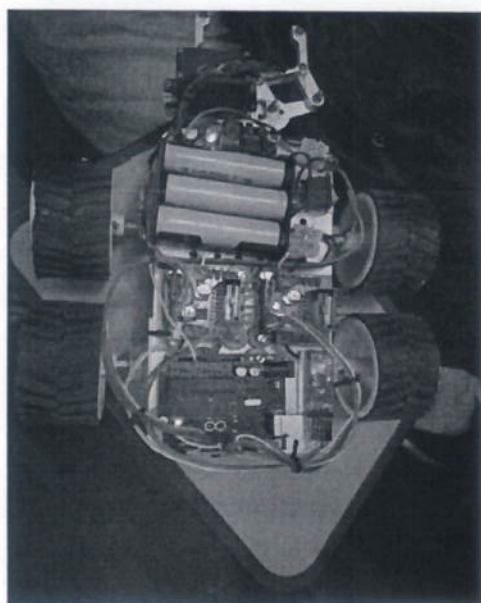
Program Outcomes mapped (Please tick the mapped POs):

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
✓		✓	✓	✓							✓

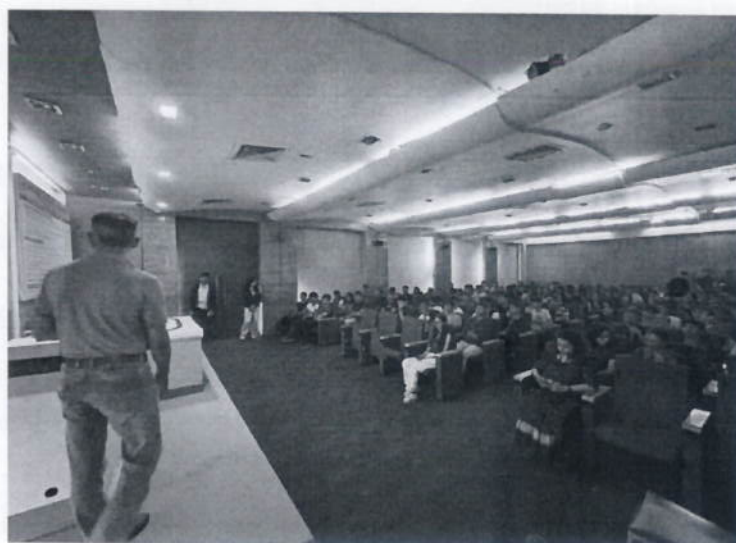
Program Specific Outcomes mapped (Please tick the mapped PSOs):

PSO1	PSO2	PSO3	PSO4
✓		✓	

Photographs (With Captions):



Close up of Robot



Speaker providing overview of session



Shri Vile Parle Kelavani Mandal's

DWARKADAS J. SANGHVI COLLEGE OF ENGINEERING

(Autonomous College Affiliated to the University of Mumbai)

NAAC Accredited with "A" Grade (CGPA : 3.18)



Department of Computer Science & Engineering (Data Science)

Academic Year : 2025-26

Attendance:

Sr. No.	Name	SAP ID
1	Atharva Achirnekar	60009240130
2	Nikhil Pise	60009240162
3	Aayush Jivrajani	60004250206
4	Sahil Sawlani	60009240174
5	Aayush Joshi	60005250207
6	Abhigyan Mishra	60005250157
7	Palak Saney	60004250150
8	Pratham Umesh Shah	601078468
9	Supash Kumar	60003250222
10	Anirudha	60005250232
11	Avnee Kumar	60004250115
12	Bhargavi Naik	60009230133
13	Vedant Nilesch Patel	60002250233
14	Harsh Ajit Jaiswal	60009240153
15	Vedant Harshal Padhya	60002250005
16	Niti K Jain	60009240205
17	Bhumi Shah	60009240003
18	Vansh Bharat Patil	60009240099
19	Avishi Airen	60009240193
20	Mustansir Vhora	60002250252
21	Dhriti Tanna	60004250250
22	Arnav Chaudhari	60009240196
23	Hrishita Patro	60018250052
24	Eesha Patel	60009240109
25	Aryash Nerurkar	60003250002
26	Parth Makwana	60005250255
27	Krish Chheda	60009240126
28	Jash Thakkar	60009250032
29	Hiranya Manush Barot	60017250190
30	Yash Raval	60002250228
31	Dhir Shah	60009240035
32	Rutaansh Parekh	60009240076
33	Atharva Mehta	60009240243

PLOT NO.U-15, Juhu Scheme, Bhaktivedanta Swami Marg, Vile Parle (West), Mumbai-400 056

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Department of Computer Science & Engineering (Data Science)

Academic Year : 2025-26

34	Krimsi Dharmesh Shah	60002250254
35	Megh Desai	60004240258
36	Ishan Parshuram Dhawade	60002250043
37	Kushal Jain	60004671926
38	Mohammed Afzal Sheriff	60005250123
39	Yashas Gopalkrishnan Iyer	60002250213
40	Tiara Thettayil	60009240271
41	Akshat Singh	60009230201
42	Vrushti (Email entered instead of name)	60009240256
43	Yash Lakhani	60003250097
44	Hrishikesh Bathe	60002250038
45	Lucky Solanki	60002250092
46	Krishna Mehta	6003250119
47	Neev Rahul Kataria	60003250261
48	Tanish Dadlani	60009230092
49	Aryanreddy Nalload	60009240257
50	Aman Dinanath Gupta	60003240091
51	Nihal Singh Bisht	60002250190
52	Kirtan Rathod	60009250099
53	Abhinav Rawat	60003250247
54	Shreya Kantamsetty	60009250279
55	Dimpi Rajesh Vora	60002250028
56	Devam Ashit Gandhi	60002250143
57	Vedanth Choudhary	60003250014
58	Yogaant Naidu	60004240211
59	Prarthana Haresh Dholakiya	60005250024
60	George Varghesekutty Annamattathil	60009240202
61	Shivani Pandit	60009250263
62	Rhushikesh Kadam	60009240134
63	Rikin Shah	60009250052
64	Yana Girdhar	60019250101
65	Aditya Jaiswal	60009250164
66	Mustansir Hozefa Kanchwala	60003240255
67	Shivani Panchal	60009250139
68	Shreyas Sanjay Bhagat	60009250254
69	Harshvardhan Manish Jadhav	60005250246
70	Soham Ninad Pankey	60005256767

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Department of Computer Science & Engineering (Data Science)

Academic Year : 2025-26

71	Vikhyat Vivek Kamath	60005250170
72	Jash Bhavesh Darji	60017250077
73	Yashashvi Panchal	60002250010
74	Kathit Parekh	60004250086
75	Manit Sheth	60004250002
76	Trushti Girish Mehta	600052500172
77	Sairaj Gadi	60009250098
78	Harshal	60009240154
79	Om Sandip Kashid	60002250125
80	Shhrey Kotian	601073600
81	Devanshi Kashyap	60004240035
82	Nishita Halankar	60004240216
83	Soham Panwalkar	60004240206
84	Mahima Acharekar	60004240202
85	Hriday Shah	60002240081
86	Shubham Shah	60002240102
87	Nirav Kawa	60009240011
88	Devam Lokhandwala	60009240924
89	Khan Mohammad Taha	60009250024
90	Devame Shah	60003250009
91	Manthan Gala	60009240108
92	Manthan Chheda	60009250013
93	Keval Vipul Shah	60009240252
94	Sahil Raju Gundetti	60003240284
95	Ishan Rakesh Jain	60002250133
96	Singh Vikrant Rajesh	60009250199
97	Rex Rajesh Figer	60005250067
98	Bhav Jayesh Sanghvi	60009250101
99	Meet Chandresh Lalan	60004250016
100	Anay Avdhoot Sarang	60009250171
101	Vivaan M Mistry	60009250115
102	Muskan Patel	60005240042
103	Soham Walam	60009230094
104	Aakash Holani	6000250245
105	Yug Doshi	60009240066
106	Suyash Kotkar	60009250262
107	Tejashree Subodh Parab	60005240175

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Department of Computer Science & Engineering (Data Science)

Academic Year : 2025-26

108	Tejal Mahesh Dongaonkar	60019250053
109	Pranav Gandhi	60009250019
110	Pakshal Gada	60009250018
111	Atharv Kamlesh Patil	60003240271
112	Mohd Husain Mohd Sarfaraj Ahmed	60009250091
113	Ved Rushikesh Patil	60005250249
114	Aditya Vishwas Bapat	60018250102
115	Shreyas Dayanand Poojari	60002250178
116	Dhrithi Uchil	60005250190
117	Anushka	60005250131
118	Zainali Jamani	60005240115
119	Anish Patil	60017250096
120	Shubham Bajpai	60017250109
121	Dyuti Atul Gupta	60009250050
122	Nixie Nelson Dmello	60004250215
123	Nikhil Jaiswal	60002250258
124	Sanskar Sandeep Thomre	60002250187
125	Save Dhruv Nilesh	60002950066
126	Anvita Gupta	60005250106

Prof. Ruchika Patil

(Faculty coordinator)

Dr. Kriti Srivastava

(Head of Department)



Expert Session on Cloud Security with AWS Security Services & HashiCorp Tools



Expert: Mr. Sankalp Paranjpe, DevSecOps Engineer at Intangles Lab

Association of the expert: DJS S4DS and DJS Compute

Date of the event: 27th September 2025

Venue: Online Session

Participants:

Speakers: Mr. Sankalp Paranjpe

Objectives of the activity:

- To introduce students to the fundamentals of cloud security and its importance in real-world systems.
- To provide exposure to AWS Security Services and their applications in protecting infrastructure.
- To explain the role of HashiCorp tools in managing and automating secure cloud deployments.
- To encourage students to explore DevSecOps as a growing and impactful field in technology.

Contents:

The expert session on Cloud Security with AWS Security Services and HashiCorp Tools was conducted by DJS S4DS in collaboration with DJS Compute and the Institution's Innovation Council. The speaker, Mr. Sankalp Paranjpe, DevSecOps Engineer at Intangles Lab, shared valuable insights into how modern cloud systems are secured and managed. He discussed the



importance of cloud security in today's digital landscape and demonstrated how AWS Security Services help safeguard applications and data through access management, encryption, and threat detection.

Mr. Paranjpe also introduced participants to HashiCorp tools, explaining how they are used to automate and secure infrastructure deployments. The session gave students a clear understanding of how DevSecOps integrates security practices into every stage of software development. Real-world examples and practical discussions helped participants relate concepts to professional scenarios, making the session both informative and engaging.

By the end of the session, attendees gained a deeper understanding of cloud infrastructure security and learned how different tools and practices come together to build secure, reliable systems. The event encouraged students to further explore careers and research opportunities in cloud computing, DevOps, and cybersecurity.

Outcomes:

- Participants learned how cloud-based systems handle data security and access management.
- They gained familiarity with AWS tools used for securing cloud applications and services.
- They understood the importance of HashiCorp tools like Vault and Terraform in secure infrastructure management.
- The session enhanced their awareness of modern DevSecOps practices and inspired interest in pursuing cloud security skills.

Program Outcomes mapped (Please tick the mapped POs):

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
	✓	✓	✓	✓	✓		✓				✓

Program Specific Outcomes mapped (Please tick the mapped PSOs):

PSO1	PSO2	PSO3	PSO4
✓	✓		✓



Photographs (with captions)



Speaker explaining concept



Participants listening to speaker

Attendance:

Name	Branch
Aryanreddy Nalload	CSE-DS
Vihaan Raut	CSE-DS
Yash Ganatra	CSE-DS
Aishwarya Deshmukh	CSE-DS
Hannah Fernandes	CSE-DS
Sankalp Sandeep Paranjpe	CSE-DS
Dev Shah	CSE-DS
Vraj Ved	CSE-DS
Yug Savla	CSE-DS
Vivek Chauhan	CSE-DS
Joel Dsouza	CSE-DS
Nishita Waghela	CSE-DS
Tanmay Chaudhari	CSE-DS
Rom Patel	CSE-DS
Vedanth.Choudhary	CSE-DS
Panav Jogi	CSE-DS
Pakshal Jain	CSE-DS
Harshil Bhanushali	CSE-DS
Akarshak Singh	CSE-DS
Kaivalya Kulkarni	CSE-DS
Meet Vaidya	CSE-DS
Keith Fernandes	CSE-DS
Shravani Golampalle	CSE-DS



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Department of Computer Science & Engineering (Data Science)

Harshal Shukla	CSE-DS
Ayush Mankame	CSE-DS
Hetansh Waghela	CSE-DS
Rishi Ghodawat	CSE-DS
Janhavi Wakade	CSE-DS
Darshan Ved	CSE-DS
Anshul Shah	CSE-DS
Gunjan Moradiya	CSE-DS
Sian Rodrigues	CSE-DS
Arham Bafna	CSE-DS
Ronit Mehta	CSE-DS
Kyra Karkaria	CSE-DS
Rutu Mehta	CSE-DS
Jay Topiwala	CSE-DS
Devansh Jollani	CSE-DS
Ujjwal Warade	CSE-DS
Omkar Kudalkar	CSE-DS
Archi Patel	CSE-DS
Purnay Kanchi	CSE-DS
Naman Jain	CSE-DS
Lavesh Jagwani	CSE-DS
Advay Sharma	CSE-DS
Ananya Godse	CSE-DS
Jinendra Shah	CSE-DS
Siddhi Patel	CSE-DS
Arya Shah	CSE-DS
Lavisha Boliya	CSE-DS
Chinmay Chopade	CSE-DS
Aanshuvi Shah	CSE-DS
Khush Thakkar	CSE-DS
Jai Sumanth	CSE-DS
Nikhil Pise	CSE-DS
Prisha Gupta	CSE-DS
Heet Choudhari	CSE-DS
Richa Patel	CSE-DS
Dhruvin Shah	CSE-DS
Nihaal Bhanushali	CSE-DS
Aditya Thakkar	CSE-DS
Mahee Patkar	CSE-DS
Nacheeket Shah	CSE-DS



Muskan Goyal	CSE-DS
Saket Ambatkar	CSE-DS
Yogesh Yadav	CSE-DS
Ronil Shah	CSE-DS
Krish Tanna	CSE-DS
Parth Shah	CSE-DS
Gauri Shirke	CSE-DS
Arnav Gawandi	CSE-DS
Jay Guri	CSE-DS
Varun Vyas	CSE-DS
Arnav Chaudhari	CSE-DS
Mustansir Kanchwala	CSE-DS
Veer Dodiya	CSE-DS
Harsh Shah	CSE-DS
Dhruvi Shah	CSE-DS
Muskan Ranka	CSE-DS
Dhruvi Mehta	CSE-DS
Rohan Nevrekar	CSE-DS
Aditya Ganjoo	CSE-DS
Hetanshi Poriya	CSE-DS
Jinay Shah	CSE-DS
Dhruv Badhe	CSE-DS
Trushna Hadawale	CSE-DS
Pinky Todkari	CSE-DS
Kashish Rathod	CSE-DS
Shruti Deshpande	CSE-DS
Minal Joshi	CSE-DS
Eshaan Doshi	CSE-DS
Anusha Soral	CSE-DS
Gauri Barve	CSE-DS
Vedant Gadge	CSE-DS
Jay Mehta	CSE-DS
Amod Joshi	CSE-DS
Marmik Shah	CSE-DS
Stutee Mehta	CSE-DS
Shlok Bare	CSE-DS
Anushri Amre	CSE-DS
Disha Gaglani	CSE-DS
Rucha Parekh	CSE-DS
Deep Pandharkar	CSE-DS



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Department of Computer Science & Engineering (Data Science)



Dhruvi Shah	CSE-DS
Sparsh Jain	CSE-DS
Parna Mishra	CSE-DS
Avena Jain	CSE-DS
Palak Saney	CSE-DS
Kunj Suba	CSE-DS
Aaditya Malani	CSE-DS
Parth Patel	CSE-DS
Keval Shah	CSE-DS
Dhatri A	CSE-DS
Eesha Patel	CSE-DS
Vrushti Kulkarni	CSE-DS
Dev Sanghavi	CSE-DS
Hiral Barigela	CSE-DS
Krish Kubadia	CSE-DS
Milan Patel	CSE-DS
Vyom Gala	CSE-DS
Tirth Mehta	CSE-DS
Bhavya Jappi	CSE-DS
Punya Mehta	CSE-DS
Jenith Ambavat	CSE-DS
Aditya Dharawat	CSE-DS
Agnya Mistry	CSE-DS
Anuja Dubbewar	CSE-DS
Keshav Chandak	CSE-DS
Omkar Haryan	CSE-DS
Divit Nayak	CSE-DS
Jash Bhatt	CSE-DS
Rudra Pal	CSE-DS
Yash Ghogale	CSE-DS
Riya Chavan	CSE-DS
Soham Walam	CSE-DS
Aryan Abhale	CSE-DS
Daksh Goyal	CSE-DS
Atharva Achirnekar	CSE-DS
Agneesh Mondal	CSE-DS
Harshita Sadhwani	CSE-DS
Lakshya Makwana	CSE-DS
Aayush Bedia	CSE-DS
Ashika Shetty	CSE-DS

**Department of Computer Science & Engineering (Data Science)**

Atharva Mehta	CSE-DS
Aman Mehra	CSE-DS
Aayush Chaudhari	CSE-DS
Vanshik Waghela	CSE-DS
Dhruv Ojha	CSE-DS
Veera Patel	CSE-DS
Krishna Dave	CSE-DS
Dhir Shah	CSE-DS
Tanisha Prabhu	CSE-DS
Jinit Jasani	CSE-DS
Prerana.Shimpi	CSE-DS
Dhruvi Mandviya	CSE-DS
Dhawal Bhawsar	CSE-DS
Kavya Shetty	CSE-DS
Tanay Tibrewala	CSE-DS
Kabir Mathur	CSE-DS
Prisha Kulkarni	CSE-DS
Sahil Borhade	CSE-DS
Aniket Waghela	CSE-DS
Rakhi Choudhary	CSE-DS
Vedansh Muni	CSE-DS
Umang Prajapati	CSE-DS
Swastik Chiplunkar	CSE-DS
Karan Bhanushali	CSE-DS
Nishant Golakiya	CSE-DS

Prof. Ruchika Patil

Faculty Coordinator

30/9/25

Dr. Kriti Srivastava

Head of the Department



Department of Computer Science & Engineering (Data Science)

Academic Year 2025-26

DevOps Seminar



Date : 4th October 2025

Venue : 3rd Floor Seminar Hall, DJ Sanghvi College of Engineering

Organised by : DJS-S4DS

Expert : Mr. Jay Jain

Attendees: 86

Objectives of the activity:

- To introduce students to the fundamental principles of DevOps and its importance in modern engineering workflows.
- To help participants understand how DevOps integrates development and operations for faster, more efficient software delivery.
- To provide insights into the implementation of DevOps in servers and continuous deployment (CD).
- To highlight the importance of DevOps security practices and their role in maintaining system reliability.
- To explain how DevOps plays a key role in disk management and overall infrastructure optimization.



Contents:

On October 4, 2025, the Department of Computer Science & Engineering organized a seminar on DevOps, conducted by Jay. The session aimed to provide students with a structured overview of DevOps, its core concepts, and its practical applications across different domains of software engineering.

The seminar began with an introduction to the fundamentals of DevOps, focusing on its role as both a cultural shift and a technical practice. Jay explained how DevOps bridges the gap between development and operations by creating faster feedback loops, reducing deployment time, and enhancing overall reliability.

The discussion then moved to DevOps in servers, where participants were introduced to the significance of infrastructure automation, containerization, and orchestration.

Through practical examples, Jay demonstrated how servers can be efficiently managed and scaled under DevOps-driven workflows.

A major part of the session covered Continuous Deployment (CD), which was presented as a natural progression from Continuous Integration. Jay highlighted how CD ensures that tested and verified code changes are deployed automatically, thereby reducing human error and enabling rapid delivery of software features.

The topic of DevOps security was addressed with emphasis on the shift toward DevSecOps. Jay underscored how embedding security practices into the development cycle strengthens systems by identifying vulnerabilities early, thereby preventing risks in production environments.

The seminar also explored DevOps in disk management, drawing parallels between earlier practices involving floppy disks and external drives, and present-day approaches involving cloud storage and automated backup solutions. This perspective enabled participants to appreciate the evolution of storage and data management within the DevOps paradigm.

The event concluded with an interactive discussion, during which students raised questions related to practical implementation challenges, tool selection, and industry applications. The session provided valuable clarity on how DevOps principles are being adopted across different sectors, including finance, healthcare, and cloud-native industries.

Outcomes:

- Participants gained a strong conceptual understanding of DevOps principles and their relevance in the engineering field.



- Students learned about practical applications of DevOps in servers, deployment, and security management.
- The session encouraged students to explore automation tools and DevOps methodologies in their academic and personal projects.
- The Q&A segment helped clarify individual doubts and gave attendees direction for further learning in DevOps and system engineering.

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
✓	✓	✓		✓	✓						✓

Program Outcomes mapped (Please tick the mapped POs):

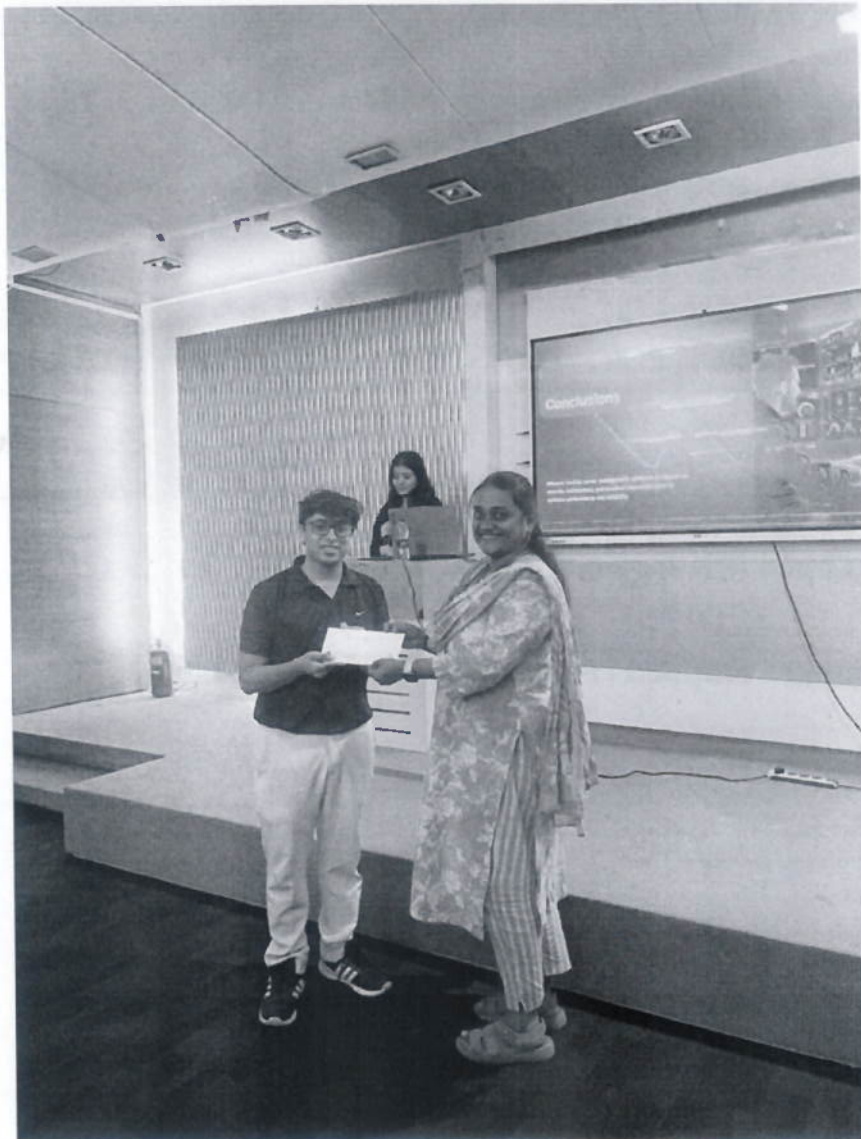
Program Specific Outcomes mapped (Please tick the mapped PSOs):

PSO1	PSO2	PSO3	PSO4
	✓	.	—

Photographs



- Jay Jain explaining the workflow



- Felicitation of Jay Jain by faculty members

Prof. Ruchika Patil

Faculty Coordinator

Dr. Kriti Srivastava

Head of the Department



Date : 4/10/2025

Seminar on "DevOps Essentials and End-to-End Server Management"

Sr. No	Roll No.	Name	SAP ID	Sign
1	D005	Akshat Chawda	60009230169	Akshat
2	D007	Alisha Mathias	60009230143	Mathias
3	D015	Chaahat Singh	60009230186	Chaahat
4	D018	Deep Naidu	60009230193	Maide
5	D027	Ekta Totala	60009230055	Ekta
6	D031	Hitansh Dholakia	60009230061	Hitansh
7	D035	Jaineel Pandya	60009230166	Jaineel Pandya
8	D036	Jash Kanu Patel	60009230030	Jash
9	D052	Krish Seta	60009230071	Krish
10	D053	Krishna Jain	60009230138	Krishna
11	D054	Krishna Bharwada	60009230189	Krishna Bharwada
12	D055	Krishna Vora	60009230019	Krishna
13	D056	Krishna Borad	60009230190	Krishna Borad
14	D057	Krishna Sharma	60009230200	Krishna
15	D058	Kruttika hebbbar	60009230188	Kruttika
16	D059	Lamaq Mohammed Mujpurwala	60009230107	Lamaq
17	D061	Megh Dave	60009230176	Megh Dave
18	D062	Mehika Jhaveri	60009230177	Mehika
19	D063	Mihir Mashruwala	60009230182	Mihir



20	D128	Vansh Momaya	60009240016	
21	D129	Rutu Mehta	60009240017	<i>Rutu</i>
22	D130	PAREKH MANAV RAVI	60009240018	<i>Manav</i>
23	D138	Shruti Ganesh Kudtarkar	60009240043	<i>Kudtarkar</i>
24	D070	Omkar Haryan	60009230151	<i>Omkar</i>
25	D086	Parmar Ronak Kamlesh	60009230091	<i>Ronak</i>
26	D087	Rudra Joshi	60009230168	<i>Rudra</i>
27	D089	Sahil Bohara	60009230187	<i>Sahil</i>
28	D090	Shaan Upadhyay	60009230165	<i>Shaan</i>
29	D092	Shamit Zaveri	60009230014	<i>Shamit</i>
30	D093	Gupte Sharvari Rahul	60009230131	<i>Gupte</i>
31	D094	Singh Shivam Umesh	60009230135	<i>Singh</i>
32	D095	Shreya Padol	60009230150	<i>Shreya</i>
33	D096	Deshpande Shruti Sudheer	60009230122	<i>Shruti</i>
34	D097	Patil Shubham Vivek	60009230115	<i>Patil</i>
35	D099	Patel Siddhant Ajaykumar	60009230121	<i>Siddhant</i>
36	D100	Smayan Kulkarni	60009230142	<i>Smayan</i>
37	D102	Walam Soham Kishor	60009230094	<i>Walam</i>
38	D104	Patil Supriya Prashant	60009230149	<i>Patil</i>
39	D105	Swastik Chiplunkar	60009230146	<i>Swastik</i>
40	D106	Tanish Dadlani	60009230092	<i>Tanish</i>
41	D107	Tanish Agarwal	60009230124	<i>Tanish</i>



42	D108	Prabhu Tanisha Niranjana	60009230156	Tanishat
43	D111	Sevak Udit Jaykesh	60009230178	Sevak
44	D113	Vansh Shetty	60009230123	Vansh
45	D114	Vedant Shirgaonkar	60009230002	Vedant
46	D121	Yash Ganatra	60009230011	Yash
47	D122	Yash Ghogale	60009230134	Yash
48	D125	Yug Savla	60009230181	Yug
49	D126	Zeel Bhadra	60009230058	Zeel
50	D132	Minit Chitroda	60009240020	Minit
51	D133	Shubham Gala	60009240021	Shubham
52	D134	Moksh Jain	60009240022	Moksh
53	D135	Parth Pares Savla	60009240023	Parth
54	D139	Manav Ashok Jain	60009240146	Manav
55	D008	Amit Dilip Dodiya	60009230033	Amit
56	D019	Devaansh Shah	60009230172	Devaansh
57	D021	Dhruvin shah	60009230160	D.N. Shah
58	D025	Durvi Bangera	60009230130	Durvi
59	D026	Ebrahim Gamdiwala	60009230164	Ebrahim
60	D028	Hannah Fernandes	60009230136	Hannah
61	D030	Harshil Bhanushali	60009230069	Harshil
62	D033	Ishita Singh	60009230147	Ishita



63	D038	Jeet Darji	6000923000 7	Jeet
64	D040	Jenith Ambavat	6000923016 3	
65	D041	Joel Dsouza	6000923015 2	Joel
66	D045	Kashish Mandhane	6000923019 5	Kashish
67	D047	Ketaki Joshi	6000923011 8	Ketaki
68	D049	GOSALIA KIRTAN MEHUL	60009230167	Kirtan
69	D050	Krish Tanna	6000923002 2	Krish
70	D051	Krish Kansara	6000923003 1	Krish
71	D064	Mohd Shafi Sutriwala	60009230015	Shafi
72	D065	Ravat Neil Jagdish	60009230004	Ravat
73	D066	Raina Niranjana Sumeet	60009230016	Niranjana
74	D067	Nishita Waghela	60009230008	Nishita
75	D068	Singh Nitish Birendra	60009230111	Nitish
76	D071	Jain Pakshal Mukeshkumar	60009230198	Pakshal
77	D072	Panav Jogi	60009230064	PJ
78	D073	Mody Parin Manoj	60009230170	Parin
79	D074	Jadhav Pranavraj Dagadu	60009230028	P.D. Jadhav
80	D075	Sharma Pranjay Radheshyam	60009230116	Pranjay
81	D078	Malani Raghav Ganesh	60009230192	Raghi
82	D079	Raj Patel	60009230191	Raj
83	D080	Sanghvi Rhea Hiren	60009230023	Rhea



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84	D082	Rishi Parmani	60009230077	
85	D083	Rishit Dhagai	60009230171	Rishit D.
86	D084	Rishit Mahesh	60009230199	RMD



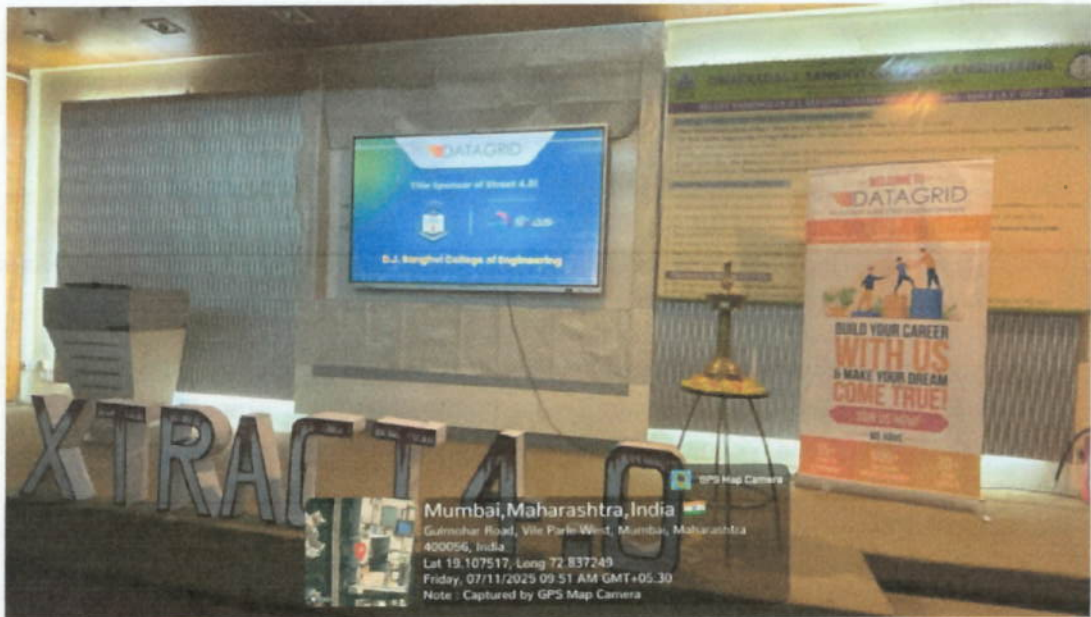
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Department of Computer Science & Engineering (Data Science)

Academic Year 2025-26

XTRACT 4.0



Date: 7th November 2025

Venue: D. J. Sanghvi College of Engineering

Organised by: DJS-S4DS

Objectives of the activity:

- To engage students in a national-level coding marathon that tests creativity, logic, and technical expertise.
- To encourage innovation and teamwork through competitive, data-driven challenges.
- To provide exposure to interdisciplinary domains such as Data Science, Machine Learning, Natural Language Processing, and Computer Vision.

- To simulate real-world analytical problem-solving in a gamified, time-bound environment.
- To strengthen collaboration and participation across institutes and states in the field of Data Science.

Contents:

On 7th November, 2025, DJS S4DS, successfully organized Xtract 4.0, a national-level coding marathon.

Xtract 2025 challenged participants to “Decode the Unknown” - blending the thrill of a horror-themed storyline with the precision of technology. Inspired by The Conjuring Universe, elements from The Nun, Annabelle, and The Crooked Man added a cinematic and immersive edge to the experience.

To ensure seamless coordination, the competition was divided into four parallel tracks - each track running simultaneously and encompassing problem statements from Data Science, Machine Learning, Natural Language Processing, and Computer Vision. This structure allowed the shortlisted 28 teams to compete fairly while maintaining intensity and engagement throughout the event. There were 530+ registrations.

Throughout the marathon, teams tackled domain-based problem statements designed to test their coding, modeling, and analytical abilities. They worked under time constraints to derive insights, optimize performance, and present creative solutions.

The entire atmosphere - enhanced by eerie lighting and thematic visuals elevated the excitement, blending suspense with skill. The competition achieved over 32,000 online impressions, reinforcing its reputation as one of the most awaited technical events on campus.

The event concluded with a felicitation ceremony recognizing the most high-performing teams.

Outcomes:

- Strengthened technical knowledge and interdisciplinary problem-solving across DS, ML, NLP, and CV.
- Improved collaboration, logical thinking, and performance under time constraints.
- Provided national-level exposure and interaction among diverse participants.
- Encouraged students to integrate analytics and coding.
- Established Xtract as a benchmark event for innovation and technical excellence.

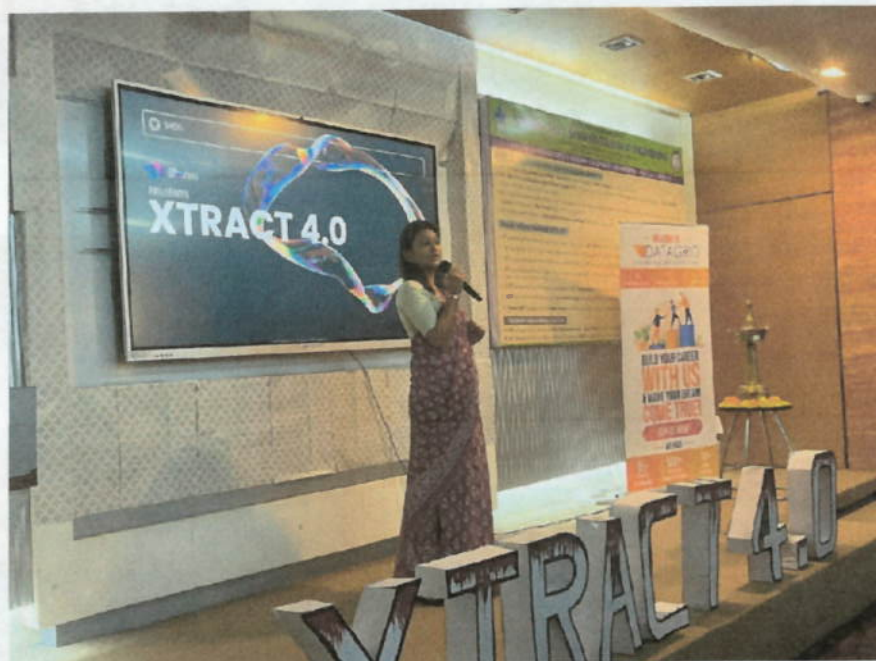
Program Outcomes mapped (Please tick the mapped POs):

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
✓	✓	✓	✓						✓		

Program Specific Outcomes mapped (Please tick the mapped PSOs):

PSO1	PSO2	PSO3	PSO4
	✓	✓	—

Photographs:



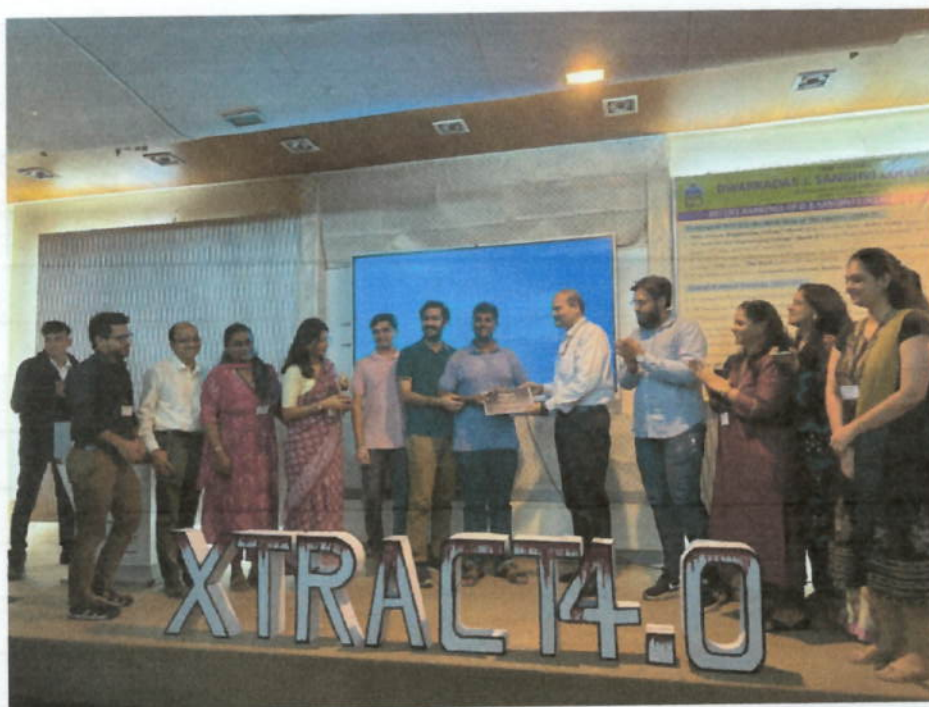
Dr. Kriti Srivastava giving her speech during the opening ceremony



Faculty members felicitating the winners of Xtract 4.0



Faculty members felicitating the first runner ups of Xtract 4.0



Faculty members felicitating the second runner ups of Xtract 4.0

Attendance List

Name	SAP ID	Roll No.	Division	Signature
Shlok Santosh Bare	60009240191	D131	D3	
Vedant Gadge	60009230120	D115	D2	
Nitesh Sunil Thakur	60009240158	D189	D3	
Khush Thakkar	60009240118	D187	D3	
Vyom Jigar Gala	60009230161	D119	D2	
Yash Doke	60009240073	D141	D3	
Krishna Jain	60009230138	D053	D1	
Anuja Dubbewar	60009240281	D017	D1	
Riya Shah	60009230017	D085	D2	
Dhruv Badhe	60009240170	D068	D2	
Harsh Shah	60009240266	D181	D3	
Keith Fernandes	60002231046	E070	E2	

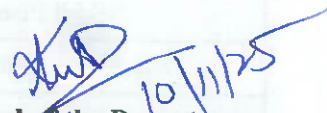
Parth Jatin Shah	60009240242	D108	D2	
Nishita Waghela	60009230008	D067	D2	
Avena Jain	60009230179	D012	D1	
Rudra Sachin Pal	60009240221	D089	D2	
SAVE DHRUV NILESH	60009250066	D196	D1	
Drishti Agrawal	60009240198	D066	D2	
Unnati Rahatwal	60009240273	D099	D2	
Rishit Mahesh	60009230199	D084	D2	
Neil Ravat	60009230004	D065	D2	
Lavesh Jagwani	60009240171	D148	D3	
Prisha Kulkarni	60009240186	D159	D3	
Stutee Mehta	60009230005	D103	D2	
Aarana Chaurasia	60009240217	D-073	D2	
Shravani Baraskar	60009240200	D130	D3	
Harshita Sadhwani	60009240173	D050	D1	
Nihaal Bhanushali	60009240036	D007	D1	
Pakshal Jain	60009230198	D071	D2	
Heer Bhadra	60009240026	D006	D1	
Aishwarya Deshmukh	60009230154	D003	D1	
Anshul Vishal Shah	60009240001	D102	D2	
Atharva Mehta	60009240243	D162	D3	
Sian Dominic Rodrigues	60009220197	D098	D2	
Ishaan Vorani	60009240005	124	D2	
Muskan Ranka	60009240102	D171	D3	
Omkar Haryan	60009230151	D070	D2	
Hetansh Nikunj Waghela	60009240082	D126	D2	
Saket Sandip Ambatkar	60009240224	D129	D3	
Jay Guri	60009230141	D037	D1	
Kanya Ajmera	60009240058	D128	D3	
Harshil Bhanushali	60009230069	D030	D1	

Keval Vipul Shah	60009240252	D178	D3	
Kashish Rathod	60009240119	D172	D3	
Vedant Khedekar	60009240261	D086	D2	
Rutvi Sanura	60009240240	D051	D1	
Lakshya Makwana	60009240072	D034	D1	
Lavisha Boliya	60009240207	D135	D3	
Darshan Ved	60009240235	D121	D2	
Anushri Amre	60009240225	D003	D1	
Akarshak Singh	60009240197	D114	D2	
Eshaan Doshi	60009240150	D143	D3	
Yati Rathod	60009230026	D124	D2	
Nacheeket Jignesh Shah	60009240265	D180	D3	
Lamaq Mohammed Mujpurwala	60009230107	D059	D1	
Vraj Ved	60009240054	D120	D2	
Mahee Patkar	60009240280	D045	D1	
Bhargavi Naik	60009230133	D014	D1	
Dhruvi Shah	60009240064	D177	D3	
DIA JAIN	60002240212	E141	E3	
Arnav Chaudhari	60009240196	D070	D2	
Atharva Achirnekar	60009240130	D002	D1	
Nikhil Pise	60009240162	D095	D2	
Hannah Fernandes	60009230136	D028	D1	
Dev shah	60009240037	D174	D3	
Aryanreddy Nalload	60009240257	D041	D1	
Bhvya Ashar	60009250036	D194	D2	
Karan Bhanushali	60009240149	D133	D3	
Vihaan Raut	60009240244	D049	D1	
Tanisha Prabhu	60009230156	D108	D2	
Rhea Sanghvi	60009230023	D080	D2	
Krishna Dave	60009240014	D138	D3	

Jai Sumanth Nekkanti	60009240199	D149	D3	
Dhatri Neerja	60009240201	D001	D1	
Aeklavya Rajgor	60009250033	D192	D3	
Risha Desai	60017230103	A035	A	
Trish Shah	60009240208	D057	D1	
Yash Ganatra	60009230011	D121	D2	
Arnav Pradeep Gawandi	60009240211	D020	D1	
Priyansh jitesh dedhia	60009240085	D013	D1	
Anikait Nair	60009240165	D040	D1	
Shruti Gandhi	60009240236	D145	D3	
Chinmay Prashant Chopade	60009240264	D137	D3	
Divya Kothari	60009240063	D088	D2	
Muskan Goyal	60009240228	D077	D2	
Punya Mehta	60009240237	D039	D1	
Kyra Karkaria	60009240239	D030	D1	
Shravani Golampalle	60009240041	D136	D1	


Faculty Co-ordinator

(Prof. Ruchika Patil)


Head of the Department

(Dr. Kriti Srivastava)



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Department of Computer Science & Engineering (Data Science)

Academic Year 2025-26

Industrial Visit

Date : 9th March 2026

Venue : Jio Reliance Corporate Park, Navi Mumbai



Prof. Ruchika Patil

(Faculty coordinator)

Dr. Kriti Srivastava

(Head of Department)



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Department of Computer Science & Engineering (Data Science)

Academic Year : 2025-26

Industrial Visit



Date : 9th March 2026

Venue : Jio Reliance Corporate Park, Navi Mumbai

Organised by : DJS-S4DS

Expert : Rukmanna Kharatmol



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Department of Computer Science & Engineering (Data Science)

Academic Year : 2025-26

Objectives of the Activity:

- To provide students with real-world exposure to large-scale corporate and technological ecosystems within the Reliance Industries Limited.
- To familiarize participants with cutting-edge innovations across domains such as telecommunications, smart infrastructure, healthcare technology, and automation.
- To bridge the gap between theoretical data science knowledge and its industrial-scale applications in research, analytics, and product development.
- To offer insights into industry expectations, recruitment processes, and internship opportunities through direct interaction with experienced professionals.
- To encourage students to explore interdisciplinary applications of technology in sectors like agriculture, healthcare, and smart living.

Content:

The Industrial Visit was organized to the Jio Reliance Corporate Park, a state-of-the-art business and innovation hub operated by Reliance. The campus houses multiple companies under the Reliance ecosystem, including Jio Platforms, Reliance Retail, and Reliance Life Sciences, making it a central node for research, development, and enterprise-scale operations.

Students arrived at the facility at approximately 10:30–11:00 AM, following which the visit officially commenced at 11:30 AM with an introductory briefing about the park's infrastructure, operational scale, and its role in driving innovation across multiple sectors.

The core segment of the visit included access to an internal technology exhibition, where participants were exposed to a diverse range of Reliance's ongoing scientific and industrial advancements. These included:

- Agriculture-focused drone systems for precision farming
- MedTech innovations such as automated CPR assistance devices
- Smart home ecosystems integrating IoT-based automation
- Smart mobility solutions including electric scooters
- Industrial automation tools such as factory robots
- Consumer electronics including advanced televisions and communication devices



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Department of Computer Science & Engineering (Data Science)

Academic Year : 2025-26

Detailed explanations were provided regarding the specifications, underlying technologies, and real-world deployment of these solutions. A significant portion of these innovations was oriented toward Business-to-Business (B2B) applications, emphasizing scalability and enterprise utility.

The visit also included an interactive networking session with senior engineers and professionals working within the Reliance ecosystem. Students engaged in discussions focused on career pathways, internship application strategies, technical skill requirements, and effective preparation for recruitment processes, including assessments and interviews.

The Industrial Visit concluded with a lunch session at the corporate cafeteria, after which students departed the facility and returned to the college campus.

Outcomes of the Activity:

- Students gained first-hand exposure to a large-scale corporate innovation ecosystem and its operational dynamics.
- Participants developed a deeper understanding of how data science and analytics are integrated into real-world industrial applications across diverse domains.
- The visit enhanced awareness of emerging technologies in areas such as IoT, automation, smart healthcare, and mobility solutions.
- Students acquired valuable insights into industry expectations, hiring processes, and strategies for securing internships and job opportunities.
- The interaction with professionals fostered networking skills and provided clarity on aligning academic learning with industry requirements.

Program Outcomes mapped (Please tick the mapped POs):

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
✓				✓	✓		✓	✓			✓



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Department of Computer Science & Engineering (Data Science)

Academic Year : 2025-26

Program Specific Outcomes mapped (Please tick the mapped PSOs):

PSO1	PSO2	PSO3	PSO4
	☒	☒	☐

Photographs (With Captions):



Students explore the Venue



Faculty along with the Students

Prof. Ruchika Patil

(Faculty coordinator)

Dr. Kirti Srivastava

(Head of Department)



Date: 17 March 2026

Report

on

DJS संशोधन 2026 Project Competition

The Project competition “**DJS संशोधन 2026**” is an initiative organized by the Department of Computer Science and Engineering (Data Science) to provide a platform for students to showcase their innovative ideas and research projects across diverse domains such as Artificial Intelligence, Machine Learning, Smart Systems, and Open Innovation. The event aims to foster creativity, enhance problem-solving abilities, and encourage technological advancement among students.

The competition was conducted as a project exhibition involving both IPD and Major Project groups. A total of 81 teams participated in the event and were categorized into three major tracks:

1. Artificial Intelligence & Machine Learning
2. Smart Systems and Automation
3. Data Analytics, Recommendation and Decision Support Systems

Each track featured multiple teams presenting innovative solutions addressing real-world challenges using advanced technologies.

All participating teams were evaluated through a structured judging process. The first round of evaluation was conducted by faculty members from the Department of Computer Science and Engineering (Data Science). Based on their assessment, selected teams were shortlisted for the second round, which was evaluated by external expert judges.

The panel of judges for the second round was organized as follows:

- **Panel 1:** Dr. Satishkumar Varma and Dr. Monika Mangala
- **Panel 2:** Dr. Satish Chavan and Dr. Vishaka Shelke
- **Panel 3:** Dr. Ramchandra Mangrulkar and Dr. Nilesh Patil

Based on the evaluation:

- **Track 1 (Artificial Intelligence and Machine Learning):** 7 teams were shortlisted
- **Track 2 (Smart Systems & Automation):** 4 teams were shortlisted
- **Track 3 (Data Analytics & Recommender Systems):** 5 teams were shortlisted



Department of Computer Science and Engineering (Data Science)

The projects were judged on multiple parameters to ensure a fair and comprehensive evaluation out of 100 marks:

- Problem Definition & Relevance (15)
- Methodology & System Design (15)
- Model Performance & Evaluation (15)
- Innovation & Creativity (10)
- Implementation & Technical Quality (15)
- Real World Impact & Application (10)
- Presentation & Communication (20)

Students presented their projects along with posters in their assigned venues, ensuring systematic organization and smooth conduct of the event.

After the completion of the second round, the results were determined based on the consolidated scores from both rounds. A total of three winners were selected, with one best project from each track.

Track-wise Winners:

Track1:

Title of project: CSAM: Cognitively inspired scalable architecture for Lifelike AI agents .guided by of Prof. Mrudul Arkadi.

Team Members: Avina Jain,Hannah Farnandis,Harshil B.

Track2:

Title of project: Autonomous robot system for farming guided by Dr.Kriti Srivastava

Team Members: Viyom Gala,Vivek Chauhan,Tanmay Chaudhry

Track 3:

Title of project: Quantum unet with uncertatinty map for brain tumor guided by Dr. Namita Pulgam

Team Members: Rajat ,Maaz ,Kunal

The winners were awarded trophies and certificates, while the best projects were also recognized with certificates. The awards were presented by Principal Dr. Hari Vasudevan and Vice Principal Dr. Narendra Shekokar, acknowledging the students' efforts and achievements.



Glimpses of the Event

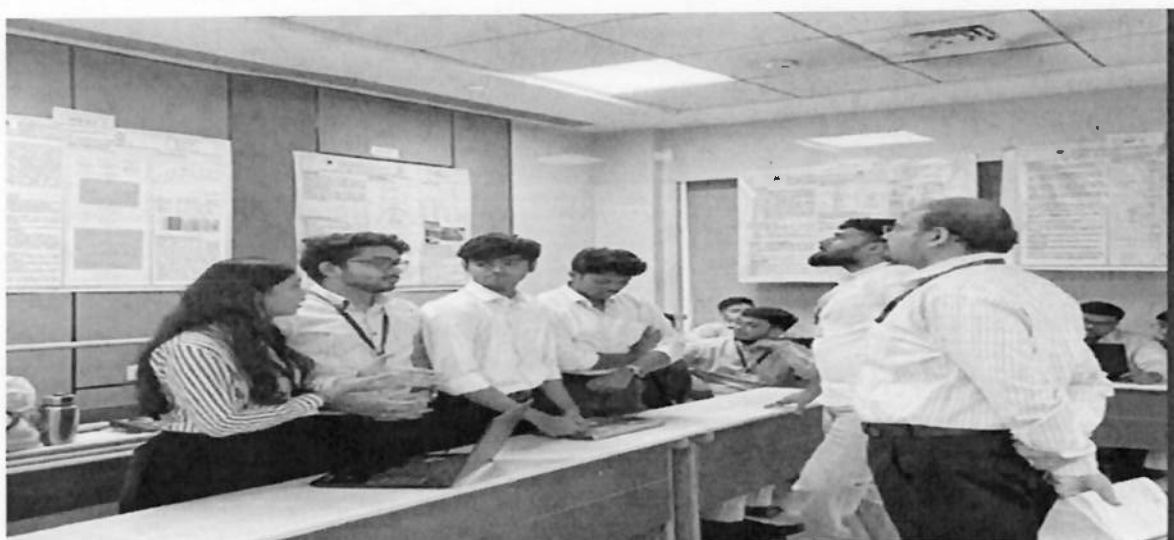
The DJS Sanshodhan 2026 event witnessed enthusiastic participation from students across all tracks. The venue was vibrant with innovative project displays, informative posters, and engaging demonstrations.

Inaugural of the event:



Panels judging the Projects:

1st Round Judging





Department of Computer Science and Engineering (Data Science)



2nd Round Judging:

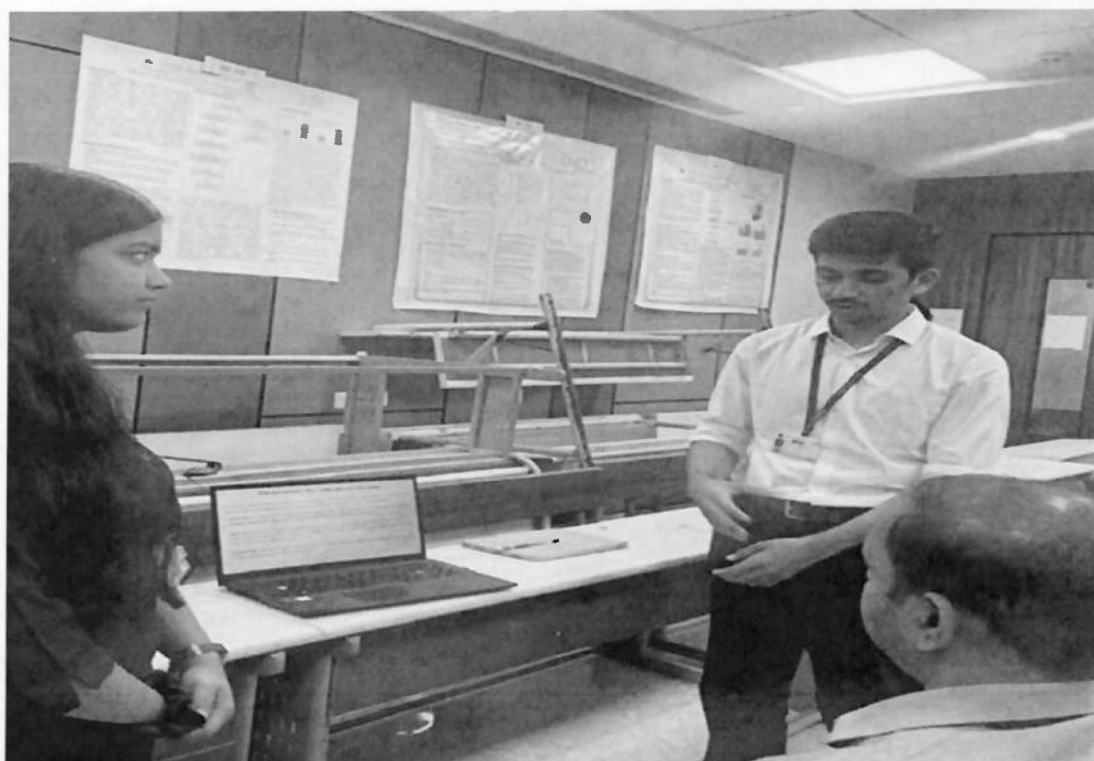




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Valedictory Ceremony:



Prize Distribution ceremony





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GPS Map Camera



Mumbai, Maharashtra, India

U 15, Bhaktivedanta Swami Rd, Navpada, Suvarna Nagar,
Vile Parle West, Mumbai, Maharashtra 400056, India

Lat 19.107229° Long 72.837223°

Saturday, 14/03/2026 04:20 PM GMT +05:30



GPS Map Camera



Mumbai, Maharashtra, India

U 15, Bhaktivedanta Swami Rd, Navpada, Suvarna Nagar,
Vile Parle West, Mumbai, Maharashtra 400056, India

Lat 19.107226° Long 72.837226°

Saturday, 14/03/2026 04:22 PM GMT +05:30



Department of Computer Science and Engineering (Data Science)



Winners from overall Projects List

1st Prize: Conversational query engine with GNN based scheme ranking guided by Prof. Mrudul Arkadi

Team Members: Anshuvi Shahi, Aaron S. Dhruv Ojha

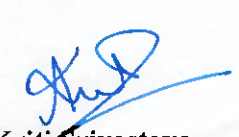
2nd Prize: Learning Market Relationships: A Graph Neural Network Approach to Reinforcement Learning-Based Asset Allocation guided by Prof. Shraddha More

Team Members: Dhruvi Shah, Asma Shaikh and Akash Upadhyay

3rd Prize: Multimodal AI architecture for detecting hunger blindness in neurodivergent children guided by Dr. Kriti Srivastava

Team Members : Bhargavi Naik, Ayush Patel, Akshay Singh, Jay Guri


Prof. Aditi Raut/ Prof. Priya Parate
Co-ordinator


Dr. Kriti Srivastava
HOD, CSE(Data Science)



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Department of Computer Science & Engineering (Data Science)

Academic Year : 2025-26

Everything Hacks



Date : 1st April 2026

Venue : Dwarkadas J. Sanghvi College of Engineering , Mumbai

Organised by : DJS-S4DS

Expert : Shivam Musterya

PLOT NO.U-15, JUHU SCHEME, BHAKTIVEDANTA SWAMI MARG, VILE PARLE (WEST), MUMBAI-400 056
Tel.: +91 022 4288 5000/2610 7010/2610 7461 Fax: +91 022 2619 4988 Email: info@djce.ac.in, admin@djce.ac.in Website: www.djce.ac.in



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Department of Computer Science & Engineering (Data Science)

Academic Year : 2025-26

Everything Hacks



Date : 1st April 2026

Venue : Dwarkadas J. Sanghvi College of Engineering , Mumbai

Organised by : DJS-S4DS

Expert : Shivam Musterya

FLAT NO.U-15, JUHU SCHEME, BHAKTIVEDANTA SWAMI MARG, VILE PARLE (WEST), MUMBAI-400 056
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Department of Computer Science & Engineering (Data Science)

Academic Year : 2025-26

Objectives of the Activity:

- To provide students with practical insights into hackathon culture, competitive innovation, and real-world product development.
- To familiarize participants with effective resume-building strategies and techniques for presenting projects, skills, and achievements professionally.
- To guide students in identifying impactful problem statements, validating ideas, and developing feasible solutions within hackathon constraints.
- To expose students to industry-relevant skills such as teamwork, communication, time management, and technical execution required for success in hackathons.
- To offer valuable insights into handling pressure, making critical decisions under tight deadlines, and maintaining productivity during competitive events.
- To facilitate interaction with an accomplished hackathon winner and industry professional, enabling students to gain practical career and technical guidance.
- To encourage students to actively participate in hackathons as a platform for skill development, networking, innovation, and career growth.

Content:

The "Everything Hacks" session was conducted by Shivam Musterya, an accomplished hackathon participant with multiple national-level hackathon victories and extensive experience in product development and competitive innovation. The session was organized to equip students with practical knowledge and strategies required to excel in hackathons and transform ideas into impactful solutions.

The speaker began by providing an overview of the hackathon ecosystem and emphasized the importance of participating in such events for skill development, networking, and career growth. Students were introduced to various platforms and communities through which hackathons can be discovered, along with techniques for identifying competitions that align with their interests and technical expertise.

A significant portion of the session focused on the end-to-end approach to hackathon participation. Shivam explained how teams should analyze problem statements, identify user needs, validate ideas, and prioritize features to develop a strong Minimum Viable Product (MVP). He also shared practical methods for dividing responsibilities among team members, managing development



Department of Computer Science & Engineering (Data Science)

Academic Year : 2025-26

timelines, and maintaining productivity under strict deadlines. Special emphasis was placed on efficient time allocation throughout the hackathon, ensuring a balance between ideation, development, testing, and presentation preparation.

The speaker further discussed strategies for building strong technical resumes and portfolios that effectively showcase projects, achievements, and technical competencies. Students were guided on how to present their work in a manner that attracts recruiters, judges, and potential collaborators.

Another key segment of the session focused on presentation and pitching techniques. Shivam shared his personal approach to demonstrating projects, structuring presentations, highlighting problem statements, explaining technical implementations, and communicating the value proposition of a solution. Students learned how effective storytelling, clear communication, and confidence can significantly influence judging outcomes.

The session also covered common challenges faced during hackathons, including handling pressure, managing unexpected technical issues, making critical decisions within limited timeframes, and collaborating effectively within a team. Through real-world experiences and examples from his hackathon journey, the speaker provided actionable insights that enabled students to better understand the mindset and preparation required for success in competitive innovation environments.

The event concluded with an interactive question-and-answer session, where students engaged with the speaker on topics related to hackathons, internships, career development, project building, and technical growth. The session provided participants with valuable practical knowledge and a structured roadmap for approaching future hackathons with greater confidence and effectiveness.

Outcomes of the Activity:

- Students gained practical insights into the hackathon ecosystem, including the processes involved in ideation, product development, and competitive innovation.
- Participants developed a better understanding of effective time management, team collaboration, and task allocation strategies required for successful hackathon participation.
- The session enhanced awareness of various platforms, communities, and opportunities through which students can discover and participate in hackathons.
- Students acquired valuable knowledge regarding resume building, portfolio development, and the effective presentation of technical projects to recruiters and judges.



Department of Computer Science & Engineering (Data Science)

Academic Year : 2025-26

- Participants learned structured approaches for identifying problem statements, validating ideas, developing Minimum Viable Products (MVPs), and delivering impactful solutions within limited timeframes.
- The session improved students' understanding of pitching techniques, project demonstrations, and communication skills that contribute significantly to hackathon success.
- Interaction with the speaker provided students with practical guidance on career development, industry expectations, and the role of hackathons in enhancing technical and professional growth.



Department of Computer Science & Engineering (Data Science)

Academic Year : 2025-26

Program Outcomes mapped (Please tick the mapped POs):

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
		✓					✓				✓

Program Specific Outcomes mapped (Please tick the mapped PSOs):

PSO1	PSO2	PSO3	PSO4
	✓		—

Photographs (With Captions):



Mentor presenting valid strategies



Recalling previous hackathon experiences

Prof. Pradnya Saval

Prof. Ruchika Patil

(Faculty coordinator)

Dr. Kriti Srivastava

(Head of Department)



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(Autonomous College Affiliated to the University of Mumbai)

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Department of Computer Science & Engineering (Data Science)

Academic Year : 2025-26

Datahack 4.0

Date : 11th - 12th April 2025

Venue : 5th and 6th Floor, DJ Sanghvi College of Engineering

Organised by : DJS S4DS

Title Sponsor : ScaleUp

Total Registrations : 1600+

Total Teams Participated : 40

Expert : Nirpeksh Nandan, Gulshan Kumar & Sayyan Shah (ScaleUp), Jay Jain (Birch Tree Holdings), Divyansh Singh (Founder, Napptix), and Vineet Ranade (VP, Deutsche Bank)



Sunday, 12/04/2026 06:16 PM

Lat 19.107440, Long 72.837260

U15, Gulmohar Road, Dwarkadas J Sanghvi College of Engineering,
Mumbai, Vile Parle West, Maharashtra, 400056, India

PLOT NO.U-15, JUHU SCHEME, BHAKTIVEDANTA SWAMI MARG, VILE PARLE (WE ST), MUMBAI-400 056

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Department of Computer Science & Engineering (Data Science)

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Objectives of the Activity:

- To provide students with hands-on experience building industry-grade projects across emerging domains in data science and AI.
- To connect participants with internship and placement opportunities through industry partners including ScaleUp.
- To offer students exposure to working professionals and founders from companies such as Deloitte and other MNCs through direct networking.
- To evaluate participants across four focused technical domains: Core ML, Explainable AI (XAI), Agentic AI, and Generative AI.
- To reward strong technical work through a prize pool of Rs. 1,50,000 distributed across overall and domain-specific categories.

Content:

Datahack 4.0 was a two-day Spiderman themed offline hackathon organized by DJS S4DS on 11th and 12th April 2025 at DJ Sanghvi College of Engineering, spanning the 5th and 6th floors. The event recorded over 1600 registrations, reflecting strong interest from students across institutions. ScaleUp served as the title sponsor, with additional internship and placement support extended by six industry partners.

The hackathon was structured across four technical domains: Core ML, Explainable AI (XAI), Agentic AI, and Generative AI. Participants selected their domain at registration and built projects relevant to that area over the course of the event. This structure allowed for focused evaluation and ensured that teams worked within well-defined problem spaces.

The competition followed a two-round offline judging format. In the first round, teams presented their project ideas, initial implementations, and planned approach to a panel of judges. Shortlisted teams advanced to the second round, where they demonstrated their completed or near-complete builds, defended their design decisions, and addressed questions from the panel regarding scalability, technical depth, and real-world applicability.

Throughout the event, participants had the opportunity to interact with mentors who guided them in their project and ideas. These interactions provided students with perspective on event's expectations and helped contextualize their project work within broader professional settings.

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The prize distribution included an overall leaderboard with a first prize of Rs. 60,000, a second prize of Rs. 30,000, and a third prize of Rs. 20,000. In addition, four domain-specific prizes of Rs. 10,000 each were awarded to the best team in each of the four domains. The total prize pool stood at Rs. 1,50,000. Internship and placement opportunities were also made available through ScaleUp and the six partnering organizations, giving high-performing participants a direct pathway into professional roles.

The event concluded with prize distribution and felicitation of winners by the faculty coordinator and other representatives. Datahack provided participants with a platform to work on projects that are directly relevant to the upcoming internship and placement season, combining competitive evaluation with real industry access.

Results:

Prize	Amount	Winner
1 st Prize	Rs. 60,000	LAST_EPOCH
1 st Runner Up	Rs. 30,000	KNOWWIZ
2 nd Runner Up	Rs. 20,000	UNTRAINED MODELS
Domain Prize - Core ML	Rs. 10,000	Too_Biased_To_Care
Domain Prize - XAI	Rs. 10,000	DOMINATORS
Domain Prize - Agentic AI	Rs. 10,000	Big Leagues
Domain Prize - Gen AI	Rs. 10,000	TENSORS

Outcomes of the Activity:

- Participants gained practical experience building projects in specialized AI and ML domains under time constraints and competitive conditions.
- Students received direct exposure to internship and placement opportunities through ScaleUp and six additional industry partners.
- The two-round judging format helped teams strengthen both their technical builds and their ability to present and defend their work.
- The mentoring rounds guided the respective teams towards their end goal.

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Department of Computer Science & Engineering (Data Science)

Academic Year : 2025-26

- Networking sessions with founders and industry professionals gave students relevant industry context ahead of the placement season.
- The event reinforced collaborative and competitive problem-solving skills among a large and diverse participant base.

Program Outcomes mapped (Please tick the mapped POs):

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
		✓		✓	✓			✓			

Program Specific Outcomes mapped (Please tick the mapped PSOs):

PSO1	PSO2	PSO3	PSO4
✓	✓	✓	—



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Department of Computer Science & Engineering (Data Science)

Academic Year : 2025-26

Photographs :

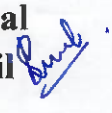


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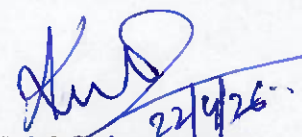


Sunday, 12/04/2026 06:15 PM
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Mumbai, Vile Parle West, Maharashtra, 400056, India


Prof. Pradnya Saval


Prof. Ruchika Patil

(Faculty Coordinator)


Dr. Kriti Srivastava

(Head of Department, CSE-DS)