



Department of Computer Science and Engineering (Data Science)

Events Conducted under DJS Compute
A.Y. 2025-26

Sr. No.	Report Title
1	ML Bootcamp
2	DBMS Seminar
3	XP Boost
4	Industrial Visit : Reliance Jio



DJS COMPUTE
(For the A.Y 2025-26)

FACULTY MENTORS

Dr. Kriti Srivastava
Dr. Poonam Jadhav
Prof. Shruti Mathur

B.TECH MENTORS

Vedant Naik (60009220134- CSEDS)	Taher Afsar (60009230212- CSEDS)
Advait Sankhe (60009220024- CSEDS)	Aryan Rajpurkar (60009220144- CSEDS)
Ananya Godse (60009220161- CSEDS)	Swar Jagdale (60009220039- CSEDS)
Vaishnavi Shridhar (60009220199- CSEDS)	Aaditya Malani (60009220192- CSEDS)

T.Y MENTORS

Smayan Kulkarni (60009230142- CSEDS)	Vedant Shirgaonkar (60009230002- CSEDS)	Prisha Gupta (60009230021- CSEDS)
Pranay Sharma (60009230116- CSEDS)	Lokesh Sahuji (60009230155- CSEDS)	Aagnya Mistry (60009230013- CSEDS)
Megh Dave (60009230176- CSEDS)	Ebrahim Gamdiwala (60009230164- CSEDS)	Ayush Patel (60009230043- CSEDS)
Rohan Gandhi (60002230048-EXTC)		Chhavi Rathod (60009230184- CSEDS)

SOCIAL MEDIA HEADS

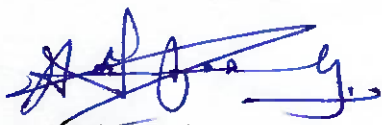
Krishna Vora
(60009230019- CSEDS)
Swastik Chiplunkar
(60009230146- CSEDS)

OPERATIONS HEADS

Kirtan Gosalia
(60009230167- CSEDS)
Tanmay Chaudhary
(60009230194- CSEDS)
Aarav Bhardwaj
(60002231057- EXTC)

Best wishes to everyone in the committee.

Best wishes to the committee!


Dr. Hari Vasudevan
(Principal)



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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Department of Computer Science & Engineering (Data Science)

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

**Department of Computer Science & Engineering (Data Science)****Academic Year : 2025-26**

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)

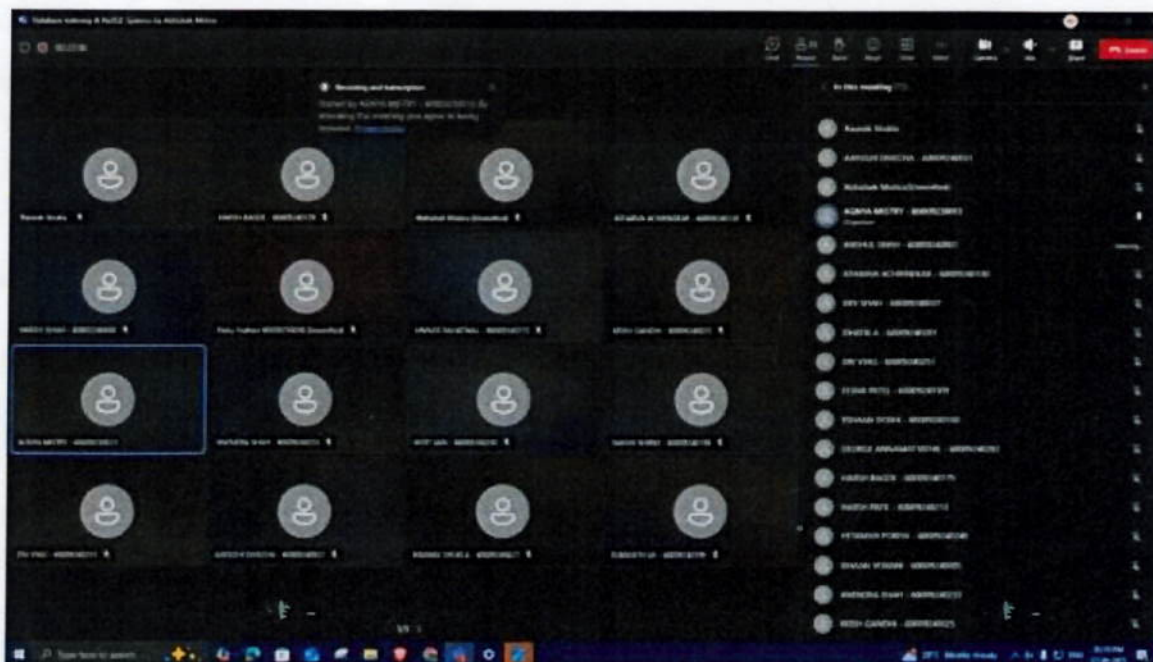
10/9/26

Head of the Department

(Dr. Kriti Srivastava, CSE-DS)



DATABASE SYSTEMS: INDEXING AND NOSQL



Speaker: ABHISHEK MISHRA (Growth Tactics)

Date of Event: 27 September 2025

Platform: Microsoft Teams

Objectives of the Activity:

- 1) Learn the concept, hardware-level function, and types of indexing (**Primary, Clustering, Secondary**) with practical demonstrations.
- 2) Explore the key differences between traditional SQL and modern NoSQL databases.
- 3) Gain an introduction to **MongoDB** (including hands-on practice with queries, Compass, and Atlas) and brief overviews of **Cassandra, Redis, and Neo4j**.

On September 30th, 2025, Abhishek Mishra conducted an engaging session on **SQL Indexing and MongoDB**. The talk began with the importance of indexing in relational databases, showing how primary, unique, and composite indexes speed up queries and support efficient data retrieval in real-world applications like banking systems. He then introduced MongoDB, explaining its document-based structure, automatic ObjectID generation, and how it differs from SQL. By comparing relational and NoSQL databases, the session helped participants understand both efficiency in SQL and flexibility in MongoDB, providing a balanced view of modern database management.

The seminar by **Abhishek Mishra** covered two major topics: **Database Indexing in SQL** and an **Introduction to MongoDB (NoSQL databases)**.

The first part focused on **indexing in relational databases**. By default, a table creates an index on its **primary key**, ensuring fast data retrieval. If no primary key is defined, no default index exists. Participants learned how to create their own indexes using the **CREATE INDEX** command and assign custom names (e.g., **IDX_Name**). Indexes can be created on single columns such as *Name* or *Email*, or on multiple columns (composite indexes like *Email + Age*) for optimized query performance.

The session also explained **unique vs non-unique indexes**. For example, primary keys like *ID* are unique, so their non-unique value is 0. On the other hand, columns with repeating values like *Name* are considered non-unique (1). Other key terms explained included **sequence in index** (order of columns in composite indexes), **cardinality** (number of distinct values), and the role of **comments** during index creation. The importance of indexing was highlighted with real-world examples such as banking systems, where indexing significantly reduces search time for account details.

In the second part, the focus shifted to **MongoDB and NoSQL databases**. The speaker emphasized that learning SQL first is important for proper comparison, as it helps in understanding why NoSQL systems were introduced. MongoDB, unlike relational databases, does not rely on tables and primary keys; instead, it stores data in a flexible **document-based format (JSON-like)**. Every document automatically gets a unique **ObjectID**, eliminating the need for manual primary key creation.

The session also touched upon MongoDB's **query language**, which differs from SQL. Commands are used to create and manage collections, insert documents, and perform searches. The speaker briefly introduced the concept of **nodes** and how one can create them with attributes like *name* and *age*. Although not the main focus, he connected this with **graph databases** and real-world use cases such as onion routing, where layered data traversal is required.

Overall, the seminar gave a **comprehensive understanding of indexing in SQL** and a **foundation for NoSQL (MongoDB)**. It clarified how indexing improves query efficiency and how MongoDB offers flexibility and scalability for modern applications. The session encouraged learners to first master SQL concepts and then explore MongoDB for a deeper comparative understanding.

The session concluded with the DJS Compute committee inviting participants to ask questions or clarify doubts, and then thanking the speaker, ensuring a clear understanding of both SQL and NoSQL database concepts.

Attendees:

Siddh	CSE(DS)	D1	60009240029
Harshal Shukla	CSE(DS)	D1	60009240154
Vihaan Raut	CSE(DS)	D1	60009240244
Nirav Kawa	CSE(DS)	D1	60009240011
Atharva Achirnekar	CSE(DS)	D1	60009240130
Dharmi Chauhan	CSE(DS)	D2	60009240101
Priyansi Desai	CSE(DS)	D1	60009240069
aarana chaurasia	CSE(DS)	D2	60009240217
Bhavik Parag Shah	CSE(DS)	D1	60009240114
Rutu Bauva	CSE(DS)	D1	60009250108
Jash	CSE(DS)	D2	60009250032
Krish	CSE(DS)	D3	60009240126
Hetanshi Poriya	CSE(DS)	D2	60009240248
Harsh Bagde	CSE(DS)	D2	60009240179
Namya Puthran	CSE(DS)	D2	60009240214
Nevrekar Rohan Uday	CSE(DS)	D1	60009240272
Siya Bhagat	CSE(DS)	D1	60009250065

Aditya Desai	CSE(DS)	D1	60009240117
Lavesh Jagwani	CSE(DS)	D3	60009240171
George Annamattathil Varghesekutty	CSE(DS)	D1	60009240202
Avishi Airen	CSE(DS)	D3	60009240193
Devanshi Babariya	CSE(DS)	D2	60009240002
Mehul Sharma	CSE(DS)	D1	60009250064
Hetansh Waghela	CSE(DS)	D2	60009240082
Mann Manish Patel	CSE(DS)	D2	60009240024
Parth shah	CSE(DS)	D2	60009240242
Rutaansh Parekh	CSE(DS)	D2	60009240076
NAKUL maurya	AIML	A1	60017240114
shrutiapurohit@gmail.com	CSE(DS)	D2	60009240218
Harsh Jaiswal	CSE(DS)	D2	60009240153
Anshul Vishal Shah	CSE(DS)	D2	60009240001
Trish Shah	CSE(DS)	D1	60009240208
Shreya Khanna	AIML	A1	60017240186
MITI SHAH	CSE(DS)	D2	60009240231
Anjali Sinha	CSE(DS)	D2	60009240204

Sejal Jain	CSE(DS)	D3	60009240034
Aayushi Divecha	CSE(DS)	D1	60009240931
Shreyas Mallik	CSE(DS)	D1	60009240163
Jinendra Shah	CSE(DS)	D2	60009240233
Priyanka Patil	CSE(DS)	D1	60009240274
Kunsh Kaul	CSE(DS)	D1	60009240033
Vidit Jain	CSE(DS)	D2	60009240230
Darshan pawar	EXTC	E1	60002250194
Aaryan Chaudhari	CSE(DS)	D2	60009240215
Darshil mehta	AIML	A1	60017240156
Muskan Goyal	CSE(DS)	D2	60009240228
Jai Sumanth Nekkanti	CSE(DS)	D3	60009240199
Div Vyas	CSE(DS)	D2	60009240251
Yug Doshi	CSE(DS)	D3	60009240066
Naman Jain	CSE(DS)	D1	60009240169
Vansh Jignesh Shah	IT	I1	60003240049
Mohit Kankaria	CSE(DS)	D1	60009240172
Naman Mulchand Chheda	Comps	C2	60004250065
Manan	IT	I3	60003240106

Pratik Giya	CSE(DS)	D1	60009240222
Bishwajeet Manna	CSE(DS)	D1	60009240010
Mustansir Hozefa Kanchwala	IT	I1	60003240255
Vrushti Kulkarni	AIDS	A2	60018230094
Mahee Patkar	CSE(DS)	D1	60009240280
Punya	CSE(DS)	D1	60009240237
Dhatri Neerja	CSE(DS)	D1	60009240201
Eesha Patel	CSE(DS)	D2	60009240109
Vipin Thingalaya	AIML	A1	60017240133
dhir shah	CSE(DS)	D3	60009240035
Yug rathod	CSE(DS)	D2	60009250028
Vansh bharat patil	CSE(DS)	D3	60009240099
Zane Nazareth	CSE(DS)	D1	60009240164
Nirja Raut	CSE(DS)	D1	60009250030
Gauri Barve	CSE(DS)	D3	60009240166
Sahil Sawlani	CSE(DS)	D2	60009240174
Anikait Nair	CSE(DS)	D1	60009240165
Priyaanshu	Comps	C2	60004240085
PARIDHI AGARWAL	CSE(DS)	D2	60009240194

Aditya Lakhotia	CSE(DS)	D1	60009240183
Arnav Chaudhari	CSE(DS)	D2	60009240196
VIKRANT RAVINDRA KOLSE	CSE(DS)	D2	60009240268
Krish Gandhi	CSE(DS)	D2	60009240025
Palak Saney	Comps	C2	60004250150
Dheer	Mechanical	M1	60005250214
Vrushabh	EXTC	E3	60002250108
Rahull patel	Mechanical	D3	60005250031
Dhruv Badhe	CSE(DS)	D2	60009240170
Nikhil Pise	CSE(DS)	D2	60009240162
Hrishikesh Bathe	EXTC	E2	60002250038
Darshan Ved	CSE(DS)	D2	60009240235
Hiranya Barot	AIML	A1	60017250190
Parth Jadhav	CSE(DS)	D2	60009240220
Dhriti Ruparelia	Comps	C3	60004240250
Yash Shah	IT	I3	60003250106
Vrushti	CSE(DS)	D2	60009240256
Shaurya Shah	AIML	A2	60017250156
Sera Dmello	Comps	C3	60004250221

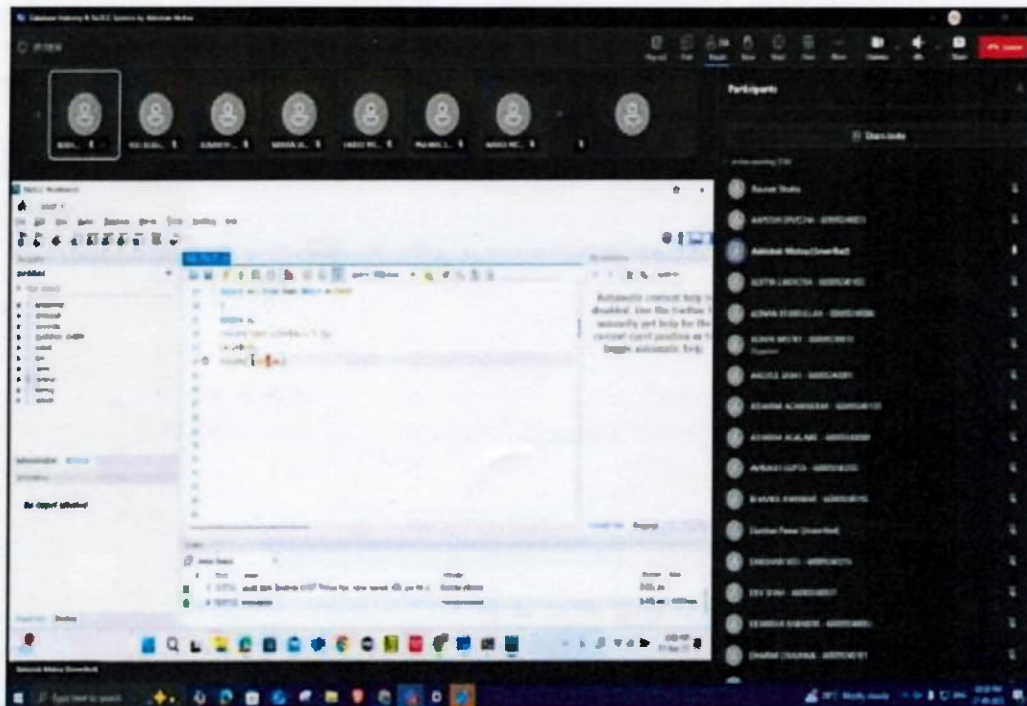
Udisha Jha	CSE(DS)	D3	60009240009
Atharva Agalawe	CSE(DS)	D2	60009240008
Anushri Amre	CSE(DS)	D1	60009240225
Shravani b	CSE(DS)	D3	60009240200
Lakshita	CSE(DS)	D2	60009240283
VEER DODIYA	CSE(DS)	D3	60009240028
Jinay Shah	CSE(DS)	D1	60009240282
Abhishek Pandey	IT	I2	60003240191
Karan Bhanushali	CSE(DS)	D3	60009240149
Neil Mhatre	CSE(DS)	D3	60009240206
Vinanti Mhatre	CSE(DS)	D3	60009250035
Smit Ravindra Gaikwad	CSE(DS)	D3	60009250068
Raunak Shukla	CSE(DS)	D3	60009240027
Prisha Kulkarni	CSE(DS)	D3	60009240186
Swaraj bharat pawar	CSE(DS)	D1	60009240227
Harsh	CSE(DS)	D3	60009240213
SAKSHI GANDHI	CSE(DS)	D3	60009240113
Dev	CSE(DS)	D3	60009240037
Bhavika Jhanwar	CSE(DS)	D3	60009240195

Nirjal Jagtap	CSE(DS)	D3	60009240167
Dhruvi Shah	CSE(DS)	D3	60009240064
Manthan gala	CSE(DS)	D2	60009240108
Kaavish	Mechanical	M2	60005250215
Atharva Mehta	CSE(DS)	D3	60009240243
Adnan Khairullah	CSE(DS)	D2	60009240086
Preet Shah	CSE(DS)	D3	60009240253
Devansh Shah	CSE(DS)	D1	60009240039
Rudra Sachin pal	CSE(DS)	D2	60009240221
Kyra	CSE(DS)	D1	60009240239
Sanchit Thakre	CSE(DS)	D3	60009240175
SHREYASH BHARAT PAWAR	CSE(DS)	D1	60009240057
Muskan Ranka	CSE(DS)	D3	60009240102
Siddhesh Sumeet Nadkarni	IT	I2	60003240195
Darsh	CSE(DS)	D3	6009240277
Krish	CSE(DS)	D3	60009240245
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Komal Mehta	CSE(DS)	D2	60009250063
Avinash Gupta	CSE(DS)	D2	60009240203

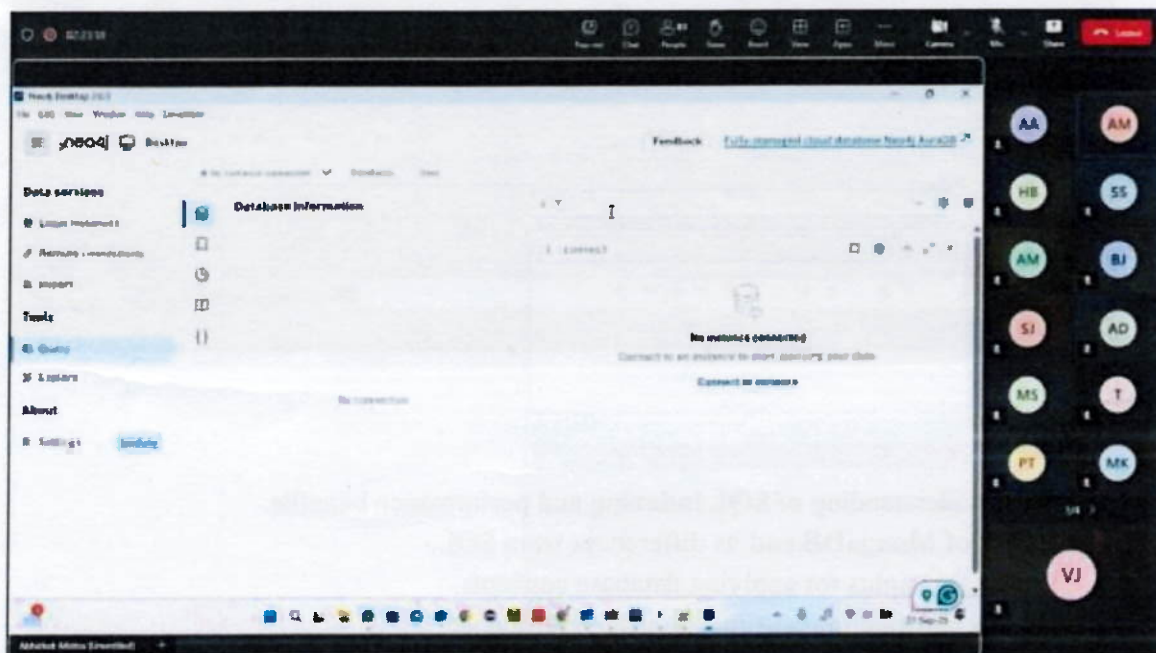
Akarshak Singh	CSE(DS)	D2	60009240197
Aryan Tanna	CSE(DS)	D2	60009240083
Prajwal Suresh Shetty	CSE(DS)	D3	60009240226
Umang satra	CSE(DS)	D1	60009240007
Pinky Sanjay Todkari	CSE(DS)	D1	60009250038
Tiara Thettayil	CSE(DS)	D3	60009240271
Atharva Suryavanshi Patil	CSE(DS)	D2	60009240192
Naina Singh	CSE(DS)	D2	60009240210
Mishti Damania	EXTC	E-1	60002240238
Jiya	CSE(DS)	D2	60009240246
Shubhra Patankar	EXTC	E3	60002250284
Niti Jain	CSE(DS)	D1	60009240205
anshul gupta	CSE(DS)	d2	60009240270
Ishaan Vorani	CSE(DS)	D2	60009240005
Bhumi Shah	CSE(DS)	D2	60009240003
Tasmmmai Parekh	EXTC	E3	60002240048
Danish Jain	CSE(DS)	D1	60009240068
Aryanreddy Nalload	CSE(DS)	D1	60009240257
Shruti Gandhi	CSE(DS)	D3	60009240236

Atharva Deo	AIDS	S	60018240103
Abhishekkumar Mukeshbhai Rathod	CSE(DS)	D1	60009240267
Suyash Kotkar	CSE(DS)	D3	60009250262
Hrishikesh Ganji	CSE(DS)	D3	60009240269
Sarvesh Dinesh Hedulkar	EXTC	E2	60002240080
Vedanth Choudhary	IT	I1	60003250014
Himanshu Kothari	CSE(DS)	D3	60009240276
Rushali	CSE(DS)	D2	60009240249
Rhushikesh Kadam	CSE(DS)	D3	60009240134
Saket Sandip Ambatkar	CSE(DS)	D3	60009240224
Abhishek Upadhyay	CSE(DS)	D2	60009240142
Marmik Shah	CSE(DS)	D3	60009240056
Nixie Dmello	Comps	C2	60004250215
Sakshi Shirke	CSE(DS)	D3	60009240139
Riya Kalakoti	CSE(DS)	DS3	60009250216
Unnati Rahatwal	CSE(DS)	D2	60009240273
Eshaan Doshi	CSE(DS)	D3	60009240150
tanishka	Mechanical	m33	60005250228

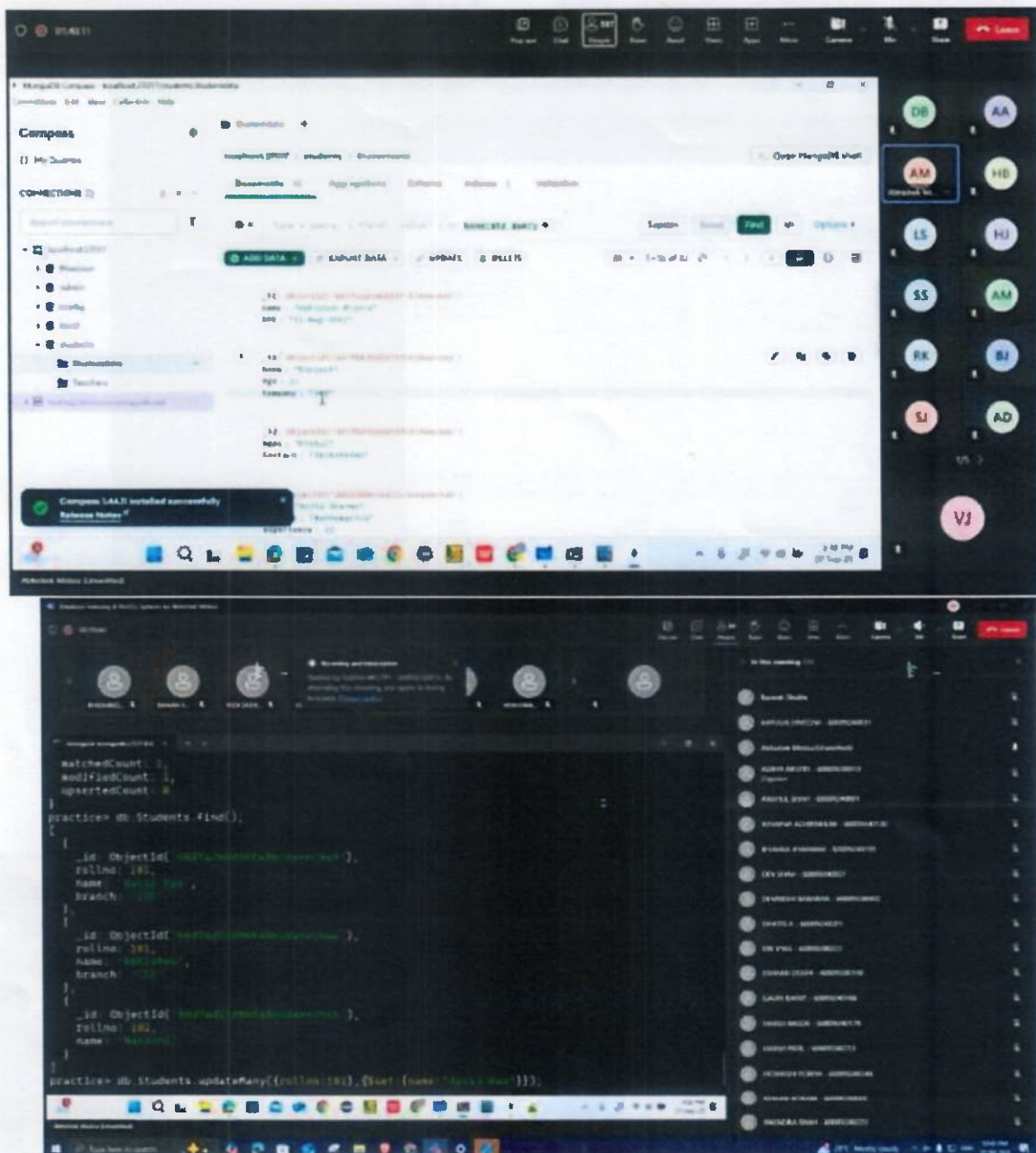
Yug Shah	CSE(DS)	D1	60009240100
heer bhadra	CSE(DS)	D1	60009240026
Stuti Shah	CSE(DS)	D3	60009240278
Stuti Shah	CSE(DS)	D3	60009240279
Tvisha Dudhatra	CSE(DS)	D1	60009240030
lavisha boliya	CSE(DS)	D3	60009240207
Dhruv Maniyar	CSE(DS)	D1	60009240106
Bhvyas Ashar	CSE(DS)	D2	60009250036
Yashraj Bilakhiya	CSE(DS)	D3	60009240127
Kashish Rathod	CSE(DS)	D3	60009240119
Nacheeket Shah	CSE(DS)	D3	60009240265



live SQL demonstration



Providing a brief introduction to Cassandra, Redis, Neo4j, and MongoDB.”



Outcomes:

- Clear understanding of **SQL indexing** and performance benefits.
- Basics of **MongoDB** and its differences from SQL.
- Practical insights for applying database concepts.
- Doubts clarified in real-time, boosting confidence.

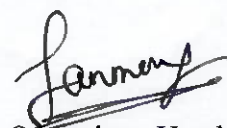
Program Outcomes mapped

Program Outcomes mapped

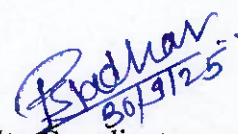
PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
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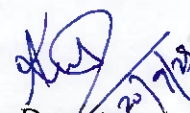
Program Specific Outcomes mapped

PSO1	PSO2	PSO3
✓	✓	✓


Operations Head


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(Prof. Shruti Mathur)


Faculty Coordinator
(Dr. Poonam Jadhav)


Head of the Department
(Dr. Kriti Srivastava)



Department of Computer Science & Engineering (Data Science)

Academic Year : 2025-26

XP Boost



Date : 4th November 2025

Venue : 5th Floor, DJ Sanghvi College of Engineering

Organised by : DJS-Compute

Total no. of participants - 126 teams

Objectives

The event XP Boost was organized with the aim of creating an interactive and intellectually stimulating environment for students. It was designed to blend technical knowledge with

engaging gameplay so that participants could learn important concepts while enjoying the competitive spirit of the event. The objectives of the event were:

- To encourage student participation in technical and problem-solving based activities outside the classroom.
- To promote critical thinking, logical reasoning, and analytical skills through AI-based and coding-oriented challenges.
- To introduce participants to practical concepts related to artificial intelligence, prompt engineering, and digital media analysis.
- To provide a platform where students can apply technical knowledge in a fun and competitive environment.
- To promote teamwork, collaboration, and communication among participants while solving game-based challenges.
- To create awareness about emerging technologies and their real-world applications through interactive games.
- To organize a creative and engaging Halloween-themed event that combines entertainment with learning.

Content

The event XP Boost was conducted on 4th November from 10:00 AM to 4:00 PM on the 5th floor, with a prize pool of ₹10,000. The theme of the event was Halloween, which was reflected in the final round and overall atmosphere.

The event began with an inauguration ceremony, where Principal Sir Hari Vasudevan lit the ceremonial diya to officially begin the event. This was followed by the presence and encouragement of HOD Dr. Kriti Srivastava. The principal addressed the participants and faculty members, sharing inspiring words about innovation, technology, and the importance of developing technical skills.

The competition consisted of three rounds:

- Round 1 – Tech-or-Treat Trials:
This round included four AI-based mini games: AI or Real – The Digital Detective, Posture Perfect – The CNN Challenge, Prompt Injection – The Keyword Heist, and The LLM Moneybags – Art of the Deal. Teams began with a fixed amount of XP and played the games to earn points. The top 8 teams with the highest XP qualified for the next round.
- Round 2 – Ludo of the Living Code:
This round featured a Giant Ludo game where participants answered technology and coding-related questions to move forward on the board. Teams were randomly grouped into houses through chit selection. Based on their performance, the top two houses advanced to the final round.

- **Final Round – Spooky Wordle:**

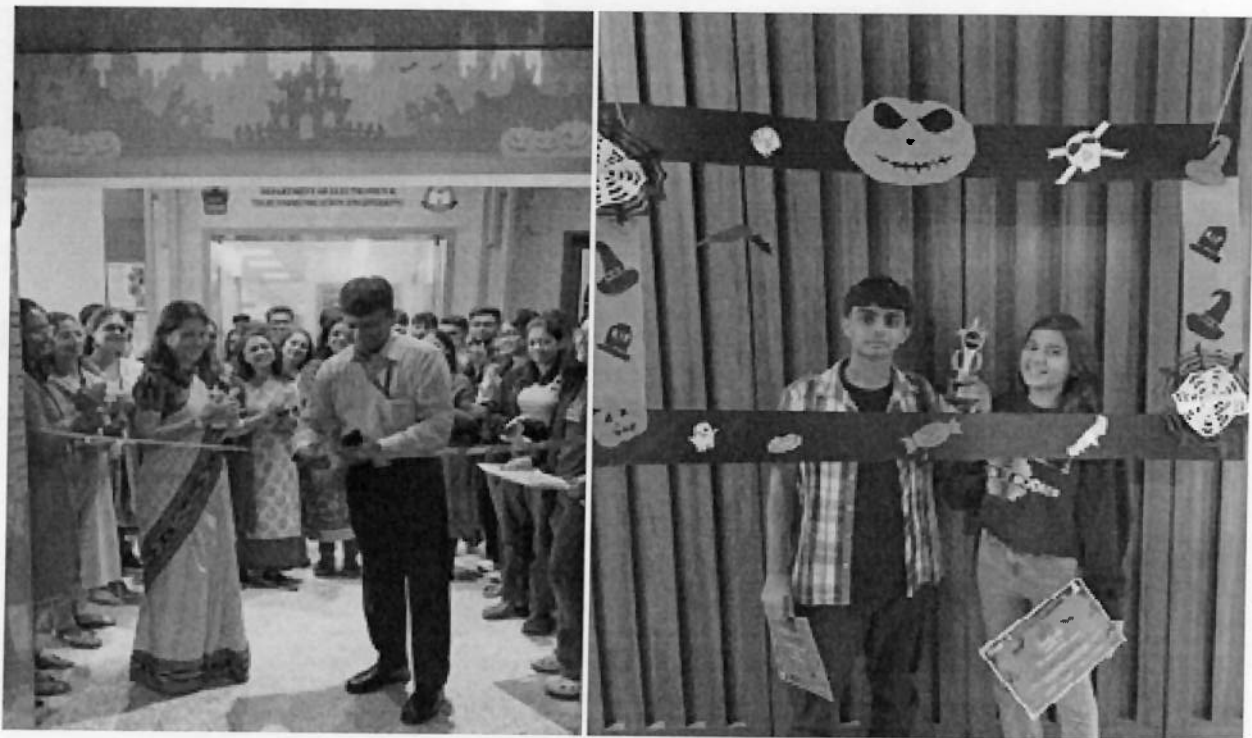
The final round included a Halloween-themed Wordle challenge consisting of 5-letter, 7-letter, and 9-letter word puzzles. Teams solved these puzzles within the given time to determine the winners.

Outcome

The event was successfully conducted with enthusiastic participation from students and support from faculty members. Participants actively engaged in the games, demonstrating critical thinking, technical understanding, and teamwork throughout the competition.

XP Boost effectively blended learning with entertainment, helping students explore concepts related to artificial intelligence and coding in a practical and interactive manner. The event concluded with the announcement of winners who received prizes from the ₹10,000 prize pool, leaving participants with a memorable and educational experience.

Photographs





Teams

All Roads Lead to Rome	Vihaan Raut	SY	60009240244
Gorlock	Rishi Bhanushali	SY	60009240040
Quadra	Kathit Parekh	FY	6004250086
ByteMe	Vena Mehta	SY	60004250021
DOMINATOR S 1.0	Vansh Bharat Patil	SY	60009240099

Data Devils	Nishant Vishwakarma	FY	60003250008
Hawak eyes	Darshil mehta	SY	60017240156
10 Pointer	Jayesh Naik	SY	60003240281
Kaam Chalu hai	Happy Pandya	FY	60003250006
Blyntgang	Amaansh Kazani	SY	60004240227
cheesy fries	mulraj gala	SY	60004240032
Thunder	Manish Malviya	FY	60017250069
Akarshak Singh	Akarshak Singh	SY	60009240197
Send Nodes	Krish Sawant	SY	60017240137
RSS	Burhanuddin Rajkotwala	SY	60009240038
Yumpossible	Shubham Shah	SY	60004240130
Atharva Deo	Atharva Deo	SY	60018240103
House Stark	Panth Navadiya	FY	60009250222
Masala Dosa	Lavisha Boliya	SY	60009240207
Therapists	Mohd Husain Ahmed	FY	60009250091
Sentinels	Manan Gohil	FY	60009250006
Midnight Compilers	Arun Choudhary	FY	60002250261
Narcos	Darshan pawar	FY	60002250194
Gladiators	Rishi Mantri	FY	60019250134
Ghouls	Veer Patel	FY	60009250043
The Fusion Fiesta	Vraj Parekh	FY	60002250273
Shadow Nerds	Rugved Kothawade	FY	60009250176
67	Daksh Kangtani	FY	60009250228
Lagging Legends	Kavya Trivedi	FY	60009250015

Gold	Durva Rajesh Chudasama	FY	60003250077
Marcopolo	Saksham Harish Narayanan	FY	60002250242
Kraken Kontrol Krew	AVROJIT DUTTA	FY	60003250113
Waffle Club	Irina Mahajan	FY	60003250235
ALGORITHM AVENGERS	Rudra Parmar	SY	60003250017
Dynamic Duo	Aryan Das	FY	60017250036
KajuKatli	Atharva Suryavanshi Patil	SY	60009240192
Good Ninni	Rishi Vejani	SY	60003250013
Tralalero Transformers	Div vyas	SY	60009240251
Infinite loopers	Dyuti	FY	60009250050
edgeofcube	Nikhil Sachin Patil	FY	60009250014
DietCokeAddi cts	Khan Mohammad Taha	FY	60009250024
Washed	Vedant Solanki	FY	60017250186
Michael Myers	Bhaves kumawat	FY	60009250241
Attendance laga dena	Ishaan Vorani	SY	60009240005
Bonkerz	Krish Piyush Makwana	FY	60009250090
Creaovate	Bhumi Chotaliya	SY	60003250046
The Originals	Rikin Shah	FY	60009250052
404 Found	Hriday Dedhia	FY	60009250143
Sweet Losers	Abhishek Jha	FY	60009250132
Lagging legends	Twisha Mehta	FY	60019250085
chaos.exe	Yana Girdhar	FY	60019250101

Me And My Darling	Anay Sarang	FY	60009250171
2 guys 1 cup	Jivanshu Mishra	SY	60019240020
Runtime Terrors	Swaleha Shaikh	SY	60017250011
Team J ²	Jaini Dedhia	FY	60009250077
Mota billa	Vedant chautiwar	SY	60004240222
CaseBlitz	Siya Rozani	SY	60018240087
Sak	Savya Dharia	FY	60009250078
Rawdoggers 4.0	Jash Anand	FY	60009250278
Starter Squad	Neel Shet	FY	60019250002
The sleepy	Deepam Sipani	FY	60009250184
Double Trouble	Vedant khedekar	SY	60009240261
Send nodes	Rishit Nanavati	SY	60017240003
Double Trouble	Hem	FY	60003250105
No mercy	Shivansh Parekh	SY	60002240122
DevTA	Atharva Achirnekar	SY	60009240130
Byte fright	Kush Mamania	FY	60003250230
Team sher	Dhairya shah	FY	60009250257
IMPOSTERS	Aaryan Mayani	FY	60005250116
Notyourtype	Deep kuvadiya	FY	60004250043
Victory Seekers	Dharm Dipak Moradiya	FY	60009250083
P. DD	Darshan Devadiga	FY	60009250174
dream team	Palak Agarwal	FY	6000920273
Strawhats	Aakash Holani	FY	60009250245

Aaaaa	Aarush Yadav	FY	60009250252
team H	Hazel Tanna	FY	60009250255
AJ STARK	Arjun Raichura	FY	60009250165
Kaffine.js	Janvi Shah	SY	60018240083
Mac & cheese	Samarth bhirud	SY	60018250011
The 1%	Neel Agravat	FY	60009250158
Team rocket	Aymaan Madhia	FY	60003250012
Maverick acers	Prathamesh Patankar	FY	60009250194
Bads of DJ	Nishit Desai	FY	60009250259
RuntimeTerror	Pakshal Gada	FY	60009250018
STC OnTop	Manak Bauva	FY	60009250089
Isis	Shaurya Shah	FY	60017250156
Bench Warmers	Vedant Sawant	FY	60017250043
Cereal killers	Anirudha shukla	FY	60005250232
Vedant	Shah Vedant hemal	FY	60005250141
counter productive club	Neha Srivastava	FY	60009250162
Tech Giants	Dhruvil Rohit Gosalia	FY	60004250111
Top Gun Mavericks	Kirtan Rathod	FY	60009250099
Fulauri	Daksh Lashkari	FY	60009250128
team zzz	Jiya Parekh	FY	60009250229
Team Tachyon	Jinay Shah	FY	6000925023
Bholu	Lavish Jain	SY	60009240212
Team Dholu	Heer Mehta	SY	60009240156
Pind De Munde	Kawaljeet Singh Bharaj	SY	60018240016

Neloxis	Ishan Taparia	FY	60003250221
Code Queens	Khushi Pandita	FY	60009250107
Prx	Deep Vaghela	FY	60018250044
Dynamic Duo	Krina Pardiwala	FY	60009250157
The Big Bangers	Hetansh Mehta	FY	60003250149
Jenish	Jenish Munjapara	FY	60004250267
Dynamos	Pratik kothari	FY	60009250203
4042	Rishita Agarwal	FY	60019250132
67 Freaks	Nandan Thakare	FY	60009250151
Algorithm	Dhruvi Chaudhari	FY	60009250084
Knowledge knights	Shreya Kantamsetty	FY	60009250279
Error 420	Huzefa Neemuchwal a	FY	60004250062
Supremes	Dhruval Dhiren Vasa	SY	60003240020
Pairadox	Kunj Vadhiya	SY	60018240020
Fello	Manas Nemade	FY	60009250277
Syntax Terrors	Raj Bhanushali	SY	60018240053
team cwazyy	Krishna Damania	FY	60009250088
Skydwellers	Lakshya Uday Sudrik	FY	60009250209
Team Tech	Kreet Jain	FY	60009250179
XP REBELS	Khan Alfiya Ziaur Rehman	FY	60003250060
Deadly Duo	Vansh Patel	SY	60003240131
XPerts	Swara Desai	FY	60009250086
Team ARC	Ronak Hamirani	FY	60009250106

DataHackers	Harsh Jaiswal	SY	60009240153
Xbow 3.0	Deep Amar Mehta	FY	60004250099
AetherQuant	Veer Shah	SY	60019240006
Team Elite	Kadaya Momin MohseenAli	FY	60009250103

Program Outcomes mapped

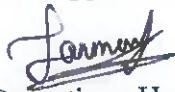
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Program Specific Outcomes mapped

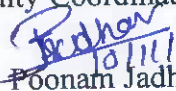
PSO1	PSO2	PSO3
✓	✓	✓

Conclusion

The XP Boost event successfully created an engaging platform that combined technology, innovation, and learning through gamified challenges. Participants demonstrated strong analytical ability, technical curiosity, and teamwork while solving AI-based and coding-oriented problems. The event enhanced students' exposure to emerging technologies such as artificial intelligence and prompt engineering, while fostering creativity, collaboration, and competitive spirit. Overall, XP Boost provided a meaningful experiential learning opportunity that supports both technical skill development and professional growth of students.


Operations Head


Faculty Coordinator
(Prof. Shruti Mathur)


Faculty Coordinator
(Dr. Poonam Jadhav)


Head of the Department
(Dr. Kriti Srivastava)



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

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



Shri Vile Parle Kelavani Mandal's

DWARKADAS J. SANGHVI COLLEGE OF ENGINEERING

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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)