



**Department of Artificial Intelligence and Machine Learning**

# **DEPARTMENTAL ACTIVITIES & ACHIEVEMENTS REPORT (June 2024-May 2025)**

Prof. Akshaya Prabhu  
(Prepared by)

Dr. Aruna Gawade  
(HoD)



## Department of Artificial Intelligence and Machine Learning

### ADMINISTRATIVE RESPONSIBILITIES Academic Year 2024-25

<b>Dr. Aruna Gawade</b>	<b>Head of the Department Artificial Intelligence and Machine Learning</b>		
<b>Dr. Nilesh Rathod</b>	Placements, Higher Studies, Internship, Alumni, Attendance Committee, Course Coordinator		
<b>Prof. Rashmi Ravikumar</b>	Course file Auditor, Library Coordinator, Academic Calendar		
<b>Prof. Purva Badhe</b>	Website Updation, Department Budget, Course Structure, Audit Report, Course File Coordinator, NAAC Criteria 6 In charge		
<b>Prof. Ragini Mishra</b>	Term Test Coordinator, SIGAI/Club Coordinator, MoM, Mentor Mentee, CES Coordinator, Weak Bright Analysis		
<b>Prof. Angelin Florence</b>	Load & Timetable Coordinator, BoS Coordinator, Major Project Coordinator, Exam Coordinator, NIRF Data		
<b>Prof. Akshaya Prabhu</b>	Monthly Report, BoS Coordinator, Activity Report, Faculty and Student Achievements, Result Analysis, Open Elective Department Coordinator		
<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p><b>Class (In-charges)</b>  <b>Final Year (Sem VII):</b> Prof. Angelin Florence  <b>TY (Sem V):</b> Prof. Purva Badhe  <b>SY (Sem III):</b> Prof. Mangal Dandekar</p> <p><b>Laboratory (In-charges)</b>            AIML Lab: Prof. Angelin Florence            DL Lab: Prof. . Mangal Dandekar</p> </td><td style="width: 50%; vertical-align: top;"> <p><b>Class (In-charges)</b>  <b>Final Year (Sem VIII):</b> Prof. Rashmi Ravikumar  <b>TY (Sem VI):</b> Prof. Akshaya Prabhu  <b>SY (Sem IV):</b> Prof. Purva Badhe</p> <p><b>Laboratory (In-charges)</b>            AIML Lab: Prof. Akshaya Prabhu            DL Lab: Prof. Rashmi Ravikumar</p> </td></tr> </table>		<p><b>Class (In-charges)</b>  <b>Final Year (Sem VII):</b> Prof. Angelin Florence  <b>TY (Sem V):</b> Prof. Purva Badhe  <b>SY (Sem III):</b> Prof. Mangal Dandekar</p> <p><b>Laboratory (In-charges)</b>            AIML Lab: Prof. Angelin Florence            DL Lab: Prof. . Mangal Dandekar</p>	<p><b>Class (In-charges)</b>  <b>Final Year (Sem VIII):</b> Prof. Rashmi Ravikumar  <b>TY (Sem VI):</b> Prof. Akshaya Prabhu  <b>SY (Sem IV):</b> Prof. Purva Badhe</p> <p><b>Laboratory (In-charges)</b>            AIML Lab: Prof. Akshaya Prabhu            DL Lab: Prof. Rashmi Ravikumar</p>
<p><b>Class (In-charges)</b>  <b>Final Year (Sem VII):</b> Prof. Angelin Florence  <b>TY (Sem V):</b> Prof. Purva Badhe  <b>SY (Sem III):</b> Prof. Mangal Dandekar</p> <p><b>Laboratory (In-charges)</b>            AIML Lab: Prof. Angelin Florence            DL Lab: Prof. . Mangal Dandekar</p>	<p><b>Class (In-charges)</b>  <b>Final Year (Sem VIII):</b> Prof. Rashmi Ravikumar  <b>TY (Sem VI):</b> Prof. Akshaya Prabhu  <b>SY (Sem IV):</b> Prof. Purva Badhe</p> <p><b>Laboratory (In-charges)</b>            AIML Lab: Prof. Akshaya Prabhu            DL Lab: Prof. Rashmi Ravikumar</p>		



**Department of Artificial Intelligence and Machine Learning**



**DJS ACM SIGAI – Students' Chapter**

**For the A.Y 2024-25**

**INCHARGE FACULTY MEMBER**

Prof. Ragini Mishra

**CHAIRPERSON**

Vinit Solanki

**JOINT CHAIRPERSON**

Meghansh Vora

**SECRETARY**

Rasika Adishesan

**ADMIN & TRINITY**

Divya Viradiya

**ADMIN & NSS**

Aagam Ratadia

**VICE CHAIRPERSON**

(PUBLICITY)

Nitika Jain & Binita Chanpura

**VICE CHAIRPERSON**

(FINANCE)

Krish Bhimani

**VICE CHAIRPERSON**

(EVENTS)

Rajvi Shah

**VICE CHAIRPERSON**

(MARKETING &  
SPONSERSHIP)

Ammaar Khan & Daksh Jain

**VICE CHAIRPERSON**

(EDITORIAL)

Prasiddhi Agarwal

**VICE CHAIRPERSON**

(TECHNICAL)

Yash Loriya

**VICE CHAIRPERSON**

(CREATIVES)

Jinnal Raghvani & Yashvi Salva

**VICE CHAIRPERSON**

(LOGISTICS)

Pradnesh Sawatkhedkar & Priyansh Tank



## **Department of Computer Science and Engineering (Data Science)**

### **Paper Published in National / International Conference/Journals**

1. Dr. Aruna Gawade and Prof Angelin Florence A. and Dr. Nilesh Rathod, "Revolutionizing Culinary Experiences: AI-Driven Ingredient Recognition", LPI, Scopus Indexed, 2024
2. Dr. Aruna Gawade and Prof Angelin Florence A. and Dr. Nilesh Rathod, "A Hybrid Model of Hadoop and Large Language Models for Football Analysis, Prediction and Insight Generation." LPI, Scopus Indexed, 2024
3. Dr. Aruna Gawade and Prof Angelin Florence A. and Dr. Nilesh Rathod, "EmotiSense: Enhancing Information Accessibility and User Experience through Multimodal Emotion Recognition for Individuals with Disabilities" LPI, Scopus Indexed, 2024

### **Patent/ Copyrights**

1. Dr. Nilesh Rathod granted design patent on WEARABLE DISASTER EMERGENCY COMMUNICATION DEVICE, Applicant details: Nilesh Rathod , D J Sanghvi College of Engineering, Vile Parle, Mumbai- 400054 , Registration date: 05 November 2024 with UK Design

### **Books**

1. Book chapter published by Dr. Aruna Gawade: Image Projection on Visual Cortex Using IoT Sensors – IPVC Harkare, V., Sanghani, R., Prasad, S., Ardekar, S., Gawade, A. Challenges and Solutions in Internet of Things-Based Smart Applications, 2025, pp. 60–73
2. Book chapter published by Dr. Nilesh Rathod: Big Data Analytics(BDA) for Industry 5.0 Sharmila Rathod, Priya Parate, Nilesh Rathod ,Samrudh Wagh



## **Department of Computer Science and Engineering (Data Science)**

### **Interaction of Faculty with Outside World**

1. Dr. Aruna Gawde conducted introductory session on Artificial Intelligence at Mechtex on 9th April 2025.
2. Dr. Aruna Gawde was BoS Member, IT Department, SVKM's Shri Bhagubhai Mafatlal Polytechnic, on 13<sup>th</sup> October 2024
3. Dr. Aruna Gawde was BoS Member, IT Department, SVKM's Shri Bhagubhai Mafatlal Polytechnic, on 28<sup>th</sup> February 2025
4. Dr. Nilesh Rathod was Question Paper setter, SFIT, 21<sup>st</sup> March 2025
5. Dr. Nilesh Rathod was Question Paper setter, D.Y.Patil University, 30<sup>th</sup> April 2025

### **Seminars/Workshops/Conference/FDP/STTP/Expert Talk Organized in the Department**

1. AIML department organized ISTE approved One Week FDP on “Cybersecurity, AI and Quantum Revolution: Emerging Frontiers in Technology” 03rd - 08th March 2025.

### **Seminars/Workshops/FDP/STTP/NPTEL/Online Courses attended by Faculty Members**

- 1 Dr. Aruna Gawade and Prof Angelin Florence A. and Dr. Nilesh Rathod, "Revolutionizing Culinary Experiences: AI-Driven Ingredient Recognition", LPI, Scopus Indexed, 2024
- 2 Dr. Aruna Gawade and Prof Angelin Florence A. and Dr. Nilesh Rathod, “A Hybrid Model of Hadoop and Large Language Models for Football Analysis, Prediction and Insight Generation.” LPI, Scopus Indexed, 2024
- 3 Dr. Aruna Gawade and Prof Angelin Florence A. and Dr. Nilesh Rathod, “EmotiSense: Enhancing Information Accessibility and User Experience through Multimodal Emotion Recognition for Individuals with Disabilities” LPI, Scopus Indexed, 2024
- 4 Prof. Ragini Mishra successfully completed Big Data Computing and Distributed



**Department of Computer Science and Engineering (Data Science)**  
Systems NPTEL course.

- 5 Prof. Nilesh Rathod successfully completed Introduction to Machine Learning NPTEL course
- 6 Prof. Akshaya Prabhu successfully completed Ethical Hacking NPTEL course.
- 7 Book chapter published by Dr. Aruna Gawade: Image Projection on Visual Cortex Using IoT Sensors – IPVC Harkare, V., Sanghani, R., Prasad, S., Ardekar, S., Gawade, A. Challenges and Solutions in Internet of Things-Based Smart Applications, 2025, pp. 60–73
- 8 Dr. Aruna Gawde attended ATAL Academy One-week Online FDP on Research and Innovation Trends in the field of Large Language Models(LLMs) from 20th - 25th January 2025.
- 9 Dr. Nilesh Rathod attended ATAL Academy One-week Online FDP on Quantum Computing: India's Journey Towards Quantum Excellence from 13th - 18th January 2025.
- 10 Dr. Nilesh Rathod attended One Day Faculty Orientation Program on “Empowering Academia: Integrating High- Performance Computing in Education and Research” Organized by Indian Institute of Information Technology Nagpur, In association with Walchand College of Engineering Under the Aegis of National Supercomputing Mission Govt. of India On 6th January 2025.
- 11 Prof. Purva C. Badhe attended ATAL academy One Week Online FDP on Advancements in AI for Healthcare and Medical Imaging organized by Marwadi University from 20th January 2025 to 25th January 2025.



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

- 12 Prof. Rashmi Ravikumar attended ATAL academy One Week Online FDP on Advancements in AI for Healthcare and Medical Imaging organized by Marwadi University from 20th January 2025 to 25th January 2025
- 13 Prof. Ragini Misha attended ATAL Academy One-week Online FDP on Quantum Computing: India's Journey Towards Quantum Excellence from 13th - 18th January 2025.
- 14 Prof. Ragini Misha attended ATAL Academy One-week Online FDP on Research and Innovation Trends in the field of Large Language Models(LLMs) from 20th - 25th January 2025.
- 15 Prof. Angelin Florence attended ATAL Academy One-week Online FDP on Research and Innovation Trends in the field of Large Language Models(LLMs) from 20th - 25th January 2025.
- 16 Prof. Angelin Florence attended ISTE Approved One-week Online FDP on Geo Spatial Computing and Applications from 6th - 11th January 2025.
- 17 Prof. Akshaya Prabhu attended ATAL Academy One-week Online FDP on Research and Innovation Trends in the field of Large Language Models(LLMs) from 20th - 25th January 2025.
- 18 Dr. Aruna Gawade and Dr. Nilesh Rathod attended webinar titled Database Index Advisors on Quantum Platforms on 8th February 2025
- 19 Prof. Ragini Mishra attended ATAL FDP titled "Leveraging Artificial Intelligence for Climate and Sustainability" from February 3rd to 8th 2025.
- 20 Prof. Ragini Mishra attended ATAL FDP titled "Empowering Healthcare with AI and





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

ML Advances and Applications” from February 17th to 22nd 2025.

- 21 Dr. Aruna Gawde attended ISTE approved One Week FDP on “Cybersecurity, AI and Quantum Revolution: Emerging Frontiers in Technology” 03rd - 08th March 2025.
- 22 Dr. Nilesh Rathod attended ISTE approved One Week FDP on “Cybersecurity, AI and Quantum Revolution: Emerging Frontiers in Technology” 03rd - 08th March 2025.
- 23 Dr. Nilesh Rathod attended 1-month training program on Quantum Technologies and Applications organized by Electronics & ICT Academy (MNIT Jaipur), India.
- 24 Prof. Purva C. Badhe attended ISTE approved One Week FDP on “Cybersecurity, AI and Quantum Revolution: Emerging Frontiers in Technology” 03rd - 08th March 2025.
- 25 Prof. Rashmi Ravikumar attended ISTE approved One Week FDP on “Cybersecurity, AI and Quantum Revolution: Emerging Frontiers in Technology” 03rd - 08th March 2025
- 26 Prof. Ragini Misha attended ISTE approved One Week FDP on “Cybersecurity, AI and Quantum Revolution: Emerging Frontiers in Technology” 03rd - 08th March 2025.
- 27 Prof. Angelin Florence attended ISTE approved One Week FDP on “Cybersecurity, AI and Quantum Revolution: Emerging Frontiers in Technology” 03rd - 08th March 2025.
- 28 Prof. Akshaya Prabhu attended ISTE approved One Week FDP on “Cybersecurity, AI and Quantum Revolution: Emerging Frontiers in Technology” 03rd - 08th March 2025.





## **Department of Computer Science and Engineering (Data Science)**

### **STUDENTS ACHIEVEMENTS**

1. Azlan khawar, Shubham Mourya and Varad Sankhe have won 2nd Runner Up Position at RUBIX'25 , a 48hr hackathon hosted at Thadomal Sahani College of Engineering held on 23-25th January 2025
2. Raghav Gohil student of TYBTech won best GamePlay award at Tecknack 2024 Kurla(Game Jam)
3. Siddhanth Chapade,Rugved Kulkarni, Sneha Bangera And Parth Pujare won Ideathone Division of CODE PI Idea Challenge(Online Hackathon)
4. Pranav N, Prassiddhi A, Shrey P, Rajvi S(TE). secured First place at "Fintech Hackathon" held during Mumbai Tech Week, Powered by NPCI. Prize amount 50000.
5. Pranav N, Prassiddhi A, Shrey P, Rajvi S(TE). secured First place in "Gen AI Hackathon" held at Catnip Infotech. Prize amount 5000.
6. Keyush N, Krisha M(SE) secured First Runner Up place in "Gen AI Hackathon" held, at Catnip Infotech, Prize amount 2500.
7. Azlan K, Shubham M, Varad S(TE), secured First Runner Up place in "Gen AI Hackathon" held at Catnip Infotech, Prize amount 2500.
8. Vruddhi Zaveri(SE) secured first place in 1000m running at the sports day event held at DJSCE.
9. Vruddhi Zaveri(SE) secured Second place in Shotput at the sports day event held at DJSCE.



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

10. Vruddhi Zaveri(SE) secured Second place in 400m relay at the sports day event held at DJSCE.
11. Nitika Jain(TE), member of Girls cricket team secured 1st place in Interdepartmental Cricket organized by Trinity on 12th February 2025.
12. Nitika Jain(TE), National level finalist at KIRIT 5.0, National level Case Study Competition held at Kirloskar Institute of Management, Karnataka on 21st February 2025.
13. Vedant Kambli, final year student conducted session on Machine Learning meets LLM at Shri Bhagubhai Mafatlal Polytechnic and college of engineering on 19th February 2025.
14. Parth Pujare, Parth Kawli, students of SE won 1st Position at Hackanova – CodeQuell, Online Hackathon held on 11th -12th March 2025.
15. Sahil Sharma, Azlan K, Shubham Mourya, Varad Sankhe, students of TE secured 4th position at Union Bank Hackathon, Prize money 100000.
16. Manav Gohil, Jay Chandak, Aditya Ghag, students of SE secured 3rd position in frontend arena, Frontend Hackathon organized by Rajiv Gandhi Institute of Technology held on 25th March 2025. Prize money 2000.
17. Bhavya Goyal student of SE, secured 2nd Runner Up position at Data 2 Knowledge Hackathon organized by DJSCE. Prize money 15000.
18. Rasika A. and Vraj Parekh, students of TE have successfully qualified GATE-2025 exam.
19. Tilak Devi, student of TE secured 1st position in Tech-A-Thon hardware hackathon organized by Thadomal Shahani Engineering College, Prize money 25000.
20. Dhruvil Shah, Sahil, Hastansh, Harsh, students of BE won Best Project Award in



**Department of Computer Science and Engineering (Data Science)**  
Cyber Security Domain, in Tech Expo 2025 organized by Trinity 2025.

21. Hatim M, Haddi Rakhang, students of BE secured 1st Runner Up position in

Codeshastra XI organized by DJSCE held on 5th-6th April 2025. Prize money 6000

## **BATCH 2025 PLACEMENTS AND HIGHER STUDY RECORDS**



**Figure 3: Record of Batch 2025**



## Department of Computer Science and Engineering (Data Science)

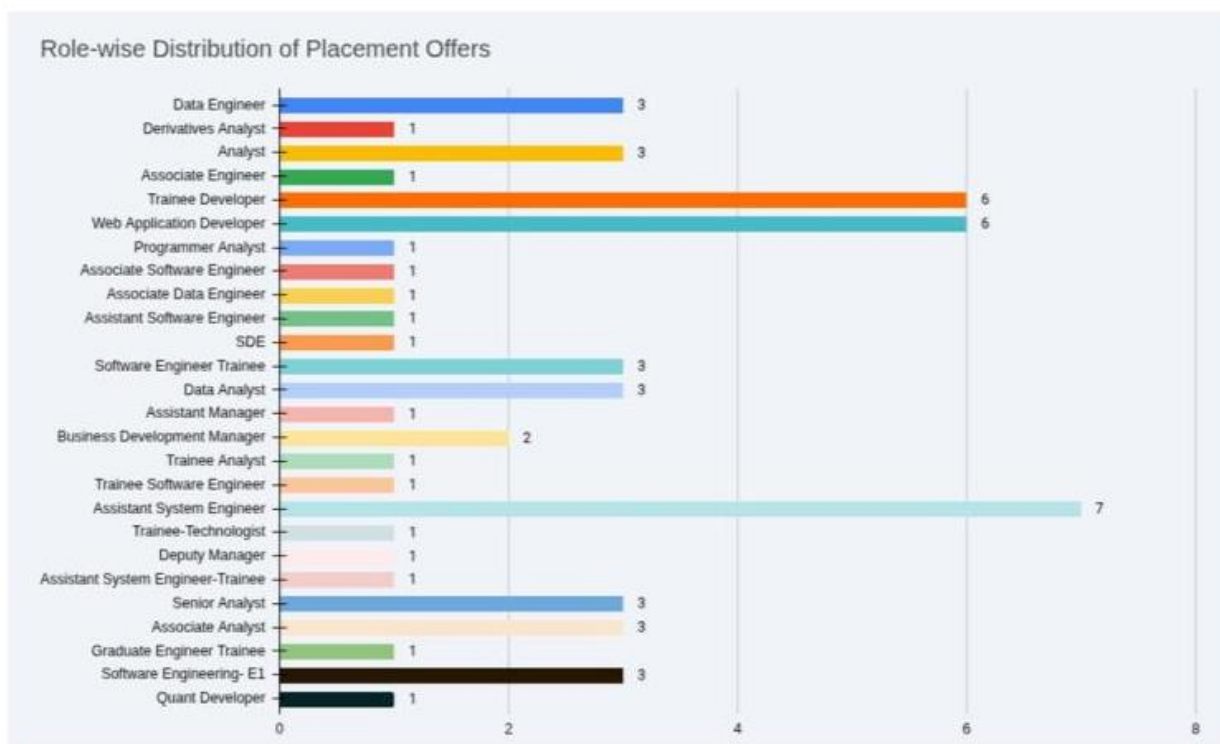


Figure 5: Role wise distribution



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 and Engineering (Data Science)**



**Figure 6: Prominent Companies**



**Department of Computer Science and Engineering (Data Science)****Table 1: Number of offers and CTC**

Sr. No.	Name of the Company	Number of Offers	CTC (LPA)
1	Myntra	1	30.5
2	2cents Capitals	1	24
3	IDFC FIRST Bank	1	18.4
4	ION Group	1	17
5	Gupshup	1	16
6	ZS Associates	2	13.65
7	Seclore	1	13
8	UBS	2	12.5
9	Wissen Technology	1	11
10	nVent	1	10.5
11	IDfy	1	10
12	AurionPro	2	10
13	Indus Valley Partners	1	8.5
14	TresVista(RIS)	2	8.4
15	HomeFirst Finance	2	8
16	Edelweiss	1	8
17	media . net	1	8
18	Searce	1	7.5
19	Endovia	1	7.5
20	Cognitus	2	7
21	The Innovation Story	2	7
22	Yes Bank	1	7
23	Montran	1	7
24	Mintifi	1	6.85
25	NCS	1	6.82
26	Cognizant	1	6.75
27	EY	3	6.48
28	LogiQids	2	5.4
29	Swabhav Techlabs	1	5
30	Dhan	3	5
31	Nihilent	1	5
32	CitiusTech	1	5
33	Simple Logic	1	5
34	360.one	1	5
35	Akash Jewels	1	5
36	Rudder Analytics	1	4.8
37	Capgemini	4	4.25
38	LTIMindtree	1	4.05
39	TCS	4	3.3



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 and Engineering (Data Science)

**Table 2: Higher Study**

Sr No.	Name of the University	Number of Students
1	Stevens Institute of Technology	1
2	University of Cincinnati	1
3	Rice University	1
4	Northeastern University	1
5	Rutgers University – The State University of New Jersey	1
6	Arizona State University	1
7	University of Illinois Chicago (UIC)	1
8	Hofstra University	1
9	Dublin City University (DCU)	1
10	Symbiosis International University, Pune	1
11	IIT Bombay	1
12	HIMT (Hindustan Institute of Maritime Training)	1
13	Great Lakes Institute of Management, Chennai	1





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 and Engineering (Data Science)



Figure 7: Prominent Foreign Universities

### STUDENTS INTERNSHIP SUMMARY FOR THE AY 2024-25

Table 3: Number of Offers by each company.

SR No.	Company Name	No. of Students
1	NCDEX e Markets Limited	1
2	Robokart	2
3	Research intern at VJTI	1
4	Ultraceuticals	2
5	Persist Ventures	1
6	Leverage Edu	1
7	Mythya Verse	1
8	Adani	1
9	Vibgyor Advisors	1
10	Suvidha Foundation	4
11	Oddly AI	1
12	SBI General Insurance	2
13	Allwave AV Systems	1
14	Smowcode	2
15	Entwicklera	2
16	Heuristic Academy	1
17	IIT Indore	1
18	Sun Pharmaceuticals	1
19	Zidio Development	1

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

20	Tantraniketan	1
21	YMA	1
22	Yashasvi Mehta Architects	1
23	MEHTA LOGISTICS	1
24	CoHatch	1
25	Webxela	2
26	Infiheal	3
27	Catnip Infotech	1
28	Feynn Labs	1
29	TalenHomes	1
30	Anand Rathi Share and Stock Brokers Limited	1
31	Larsen and Toubro Energy Hydrocarbon	1
32	RE Journal	2
33	Makers Lab (Tech Mahindra)	1
34	Vashi Integrated Solutions Limited	1
35	Oggn Technologies	1
36	Atidan Technologies	1
37	IDBI Intech Ltd.	1
38	Google Cloud Generative-Ai Virtual Internship	1
39	Alteryx Data Analytics Process Automation Virtual Internship	1
40	Google Android Developer Virtual Internship	2
41	Google Ai-Ml Virtual Internship	3
42	Plasmid innovations	1
43	Hirademy Technologies	1
44	E-cell IIT Bombay	1
45	SportVot	1
46	Cosmic365	1
47	Python Full Stack Developer Virtual Internship	1
48	Gabify-AI intern	1
49	KDK Diamonds AI-intern	1
50	DEEPCYTES	1
51	Root Node	1
52	Fenixwork Solutions Private Limited	1
53	Vipsee Infotech	1
54	OnPoint Insights	1
55	nuvama	1
56	MeeraAI Tech Solutions	2
57	ScaleFULL	1
58	CerebralZip	1

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

59	Navodita Infotech	2
60	Deep Learning Titans	1
61	Mozek HealthTech	1
62	ChangeIsUs	1
63	Zidio	1
64	Elevate Labs	1
65	EkamApps	2
66	K2S2 Digistrat Solutions	2
67	CareerBolt	1
68	Gochanakya	2
69	NavigateAIF	1
70	Percipere	1
71	Coderound AI	2
72	XO	1
73	VivaConnect	1
74	2cents capitals	1
75	Indian Development Foundation	1
76	Daten and Wissen Pvt Ltd	1
77	AICTE	1
78	26ideas	2
79	1Accord	1
80	Marcos Quay	1
81	Reliance Industries Limited	1
82	Insight Business Machine	1
83	LTIMindtree	1
84	Airrchip	1
85	Myntra	1
86	Swan Capital	1
87	Xircls	1
88	Cloud Counselage	1
89	PhillipCapital	1
90	UFO Moviez India Ltd.	1
91	Nullclass	1



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 and Engineering (Data Science)

### ACTIVITIES IN THE DEPARTMENT (June 2024 -May 2025)

**Table 4: Summary**

Number of Paper published in National/International Conference/Journals	3
Number of Patents/copyrights	1
Number of Interaction of Faculty with Outside World	5
Number of Seminars/Workshops organized by Faculty Members in the Department	1
Number of Seminars/Workshops attended by Faculty Members	28
Number of Internship Offers	113
Number of Students placed	37
Number of Students going for higher studies	19
Number of Student Achievements	21