

DEPARTMENTAL ACTIVITIES



ACHIEVEMENTS REPORT (June 2024-May 2025)

Prof. Akshaya Prabhu (**Prepared by**)

Dr. Aruna Gawade (**HoD**)

VISION

To be a globally recognized leading center of excellence in Artificial Intelligence and Machine Learning (AIML) by providing education, research and innovation environment to nurture ethical and responsible Values and skills in order to develop competent professionals capable of facing global challenges.

MISSION

- 1. To develop competent professional in the field of AI and ML contributing globally to the benefits of industry and society.
- 2. To mold budding engineers for improving collaboration with industry leaders, academic institutions, and research organizations driving innovation.
- 3. To foster responsible and skilled engineers capable of addressing technological challenges for the welfare of humankind.
- 4. To promote ethical and responsible AI practices emphasizing the importance of privacy, and fairness in AI innovations





(Autonomous College Affiliated to the University of Mumbai) NAAC Accredited with "A" Grade (CGPA: 3.18)

Department of Artificial Intelligence and Machine Learning

PROGRAMME OUTCOMES (POs)

- PO1: Engineering Knowledge: Apply knowledge of mathematics, natural science, computing, engineering fundamentals and an engineering specialization as specified in WK1 to WK4 respectively to develop to the solution of complex engineering problems.
- PO2: Problem Analysis: Identify, formulate, review research literature and analyze complex engineering problems reaching substantiated conclusions with consideration for sustainable development. (WK1 to WK4)
- PO3: Design/Development of Solutions: Design creative solutions for complex engineering problems and design/develop systems/components/processes to meet identified needs with consideration for the public health and safety, whole-life cost, net zero carbon, culture, society and environment as required. (WK5)
- PO4: Conduct Investigations of Complex Problems: Conduct investigations of complex engineering problems using research-based knowledge including design of experiments, modelling, analysis & interpretation of data to provide valid conclusions. (WK8).
- PO5: Engineering Tool Usage: Create, select and apply appropriate techniques, resources and modern engineering & IT tools, including prediction and modelling recognizing their limitations to solve complex engineering problems. (WK2 and WK6)
- PO6: The Engineer and The World: Analyze and evaluate societal and environmental aspects while solving complex engineering problems for its impact on sustainability with reference to economy, health, safety, legal framework, culture and environment. (WK1, WK5, and WK7).
- PO7: Ethics: Apply ethical principles and commit to professional ethics, human values, diversity and inclusion; adhere to national & international laws. (WK9)
- PO8: Individual and Collaborative Team work: Function effectively as an individual, and as a member or leader in diverse/multi-disciplinary teams.
- PO9: Communication: Communicate effectively and inclusively within the engineering community and society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations considering cultural, language, and learning differences
- PO10: Project Management and Finance: Apply knowledge and understanding of engineering management principles and economic decision-making and apply these to one's own work, as a member and leader in a team, and to manage projects and in multidisciplinary environments.
- PO11: Life-Long Learning: Recognize the need for, and have the preparation and ability for i) independent and life-long learning ii) adaptability to new and emerging technologies and iii) critical thinking in the broadest context of technological change. (WK8)

ADMINISTRATIVE RESPONSIBILTIES Academic Year 2024-25

Dr. Aruna Gawade	Head of the Department Artificial Intelligence and Machine Learning
Dr. Nilesh Rathod	Placements, Higher Studies, Internship, Alumni, Attendance Committee, Course Coordinator
Prof. Rashmi Ravikumar	Course file Auditor, Library Coordinator, Academic Calendar
Prof. Purva Badhe	Website Updation, Department Budget, Course Structure, Audit Report, Course File Coordinator, NAAC Criteria 6 In charge
Prof. Ragini Mishra	Term Test Coordinator, SIGAI/Club Coordinator, MoM, Mentor Mentee, CES Coordinator, Weak Bright Analysis
Prof. Angelin Florence	Load & Timetable Coordinator, BoS Coordinator, Major Project Coordinator, Exam Coordinator, NIRF Data
Prof. Akshaya Prabhu	Monthly Report, BoS Coordinator, Activity Report, Faculty and Student Achievements, Result Analysis, Open Elective Department Coordinator

Class (In-charges) Final Year (Sem VII): Prof. Angelin Florence

TY (Sem V): Prof. Purva Badhe SY (Sem III): Prof. Mangal Dandekar

Laboratory (In-charges) AIML Lab: Prof. Angelin Florence DL Lab: Prof. . Mangal Dandekar

Class (In-charges)

Final Year (Sem VIII): Prof. Rashmi

Ravikumar

TY (Sem VI): Prof. Akshaya Prabhu SY (Sem IV): Prof. Purva Badhe

Laboratory (In-charges) AIML Lab: Prof. Akshaya Prabhu DL Lab: Prof. Rashmi Ravikumar



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 Adiseshan

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 VICE CHAIRPERSON (MARKETING &

(EDITORIAL)

VICE CHAIRPERSON

(TECHNICAL)

SPONSERSHIP) Ammaar Khan & Daksh Jain

Prasiddhi Agarwal

Yash Loriya

VICE CHAIRPERSON

(CREATIVES)

VICE CHAIRPERSON (LOGISTICS)

Jinnal Raghwani & Yashvi Salva

Pradnesh Sawatkhedkar & Priyansh Tank

Paper Published in National / International Conference/Journals

- Dr. Aruna Gawade and Prof Angelin Florence A. and Dr. Nilesh Rathod, "Revolutionizing Culinary Experiences: AI-Driven Ingredient Recognition", LPI, Scopus Indexed, 2024
- 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

 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

- 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

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 13th October 2024
- 3. Dr. Aruna Gawde was BoS Member, IT Department, SVKM's Shri Bhagubhai Mafatlal Polytechnic, on 28th February 2025
- 4. Dr. Nilesh Rathod was Question Paper setter, SFIT, 21st March 2025
- 5. Dr. Nilesh Rathod was Question Paper setter, D.Y.Patil University, 30th 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
- 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 Artificial Intelligence and Machine LearningSystems NPTEL course.

- 5 Prof. Nilesh Rathod successfully completed Introduction to Machine Learning NPTEL course
- 6 Prof. Akshaya Prabhu successfully completed Ethical Hacking NPTEL course.
- 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 Medica Imaging organized by Marwadi University from 20th January 2025 to 25th January 2025.

- 12 Prof. Rashmi Ravikumar attended ATAL academy One Week Online FDP on Advancements in AI for Healthcare and Medica 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 Sustainablity" from February 3rd to 8th 2025.
- 20 Prof. Ragini Mishra attended ATAL FDP titled "Empowering Healthcare with AI and

Department of Artificial Intelligence and Machine Learning 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.

STUDENTS ACHIEVEMENTS

- 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
- Raghav Gohil student of TYBTech won best GamePlay award at Tecknack 2024 Kurla(Game Jam)
- Siddhanth Chapade, Rugved Kulkarni, Sneha Bangera And Parth Pujare won Ideathone
 Division of CODE Pl 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.

- 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 Artificial Intelligence and Machine LearningCyber Security Domain, in Tech Expo 2025 organized by Trinity 2025.

21. Hatim M, Haddi Rakhangi, 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





Figure 5: Role wise distribution

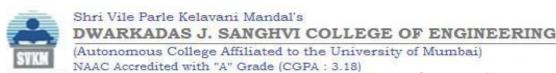






Figure 6: Prominent Companies



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

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





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



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	Department of Artificial Intelligence an	iu maciniic Learning
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



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Department	of Artificial	Intelligence	and Machine	Learning
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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

ACTIVITIES IN THE DEPARTMENT (June 2024 - May 2025)

Table 4: Summary

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