Department of Artificial Intelligence and Machine Learning

DEPARTMENTAL ACTIVITIES & ACHIEVEMENTS REPORT (Jan 2026 - June 2026)

Prof. Purva C. Badhe
(Prepared by)

Dr. Aruna Gawade
(HoD)

VISION

To create a paradigm that combines learning opportunities and revolutionary research in the AI realm by creating engineers capable of confronting global challenges and benefitting human race.

MISSION

- To impart quality education and comprehensive training in Artificial Intelligence and Machine Learning, enabling students to become proficient in AIML concepts.
- To foster responsible and skilled engineers capable of addressing technological challenges for the welfare of humankind.
- To mold budding engineers for improving collaboration with industry leaders, academic institutions, and research organizations driving innovation.
- To inculcate soft skills, human values and professional ethics to carve out socially responsible citizens.

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)

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

PEO-1 To equip graduates in AI and ML to tackle global challenges with innovative, human-centric solutions.

PEO-2 To build proficiency in AI and ML tools and frameworks, preparing graduates to adapt and contribute across industry, academia, and research.

PEO-3 To equip graduates to design ethical AI and ML systems that ensure privacy, fairness, and positive societal impact.

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO-1 Apply fundamental concepts of AI and ML including mathematics, algorithms, and programming to design intelligent and effective solutions addressing real-world problems.

PSO-2 Develop expertise in specialized areas of AI and ML, leveraging advanced tools and technologies to contribute to innovative research and industry relevant solutions.

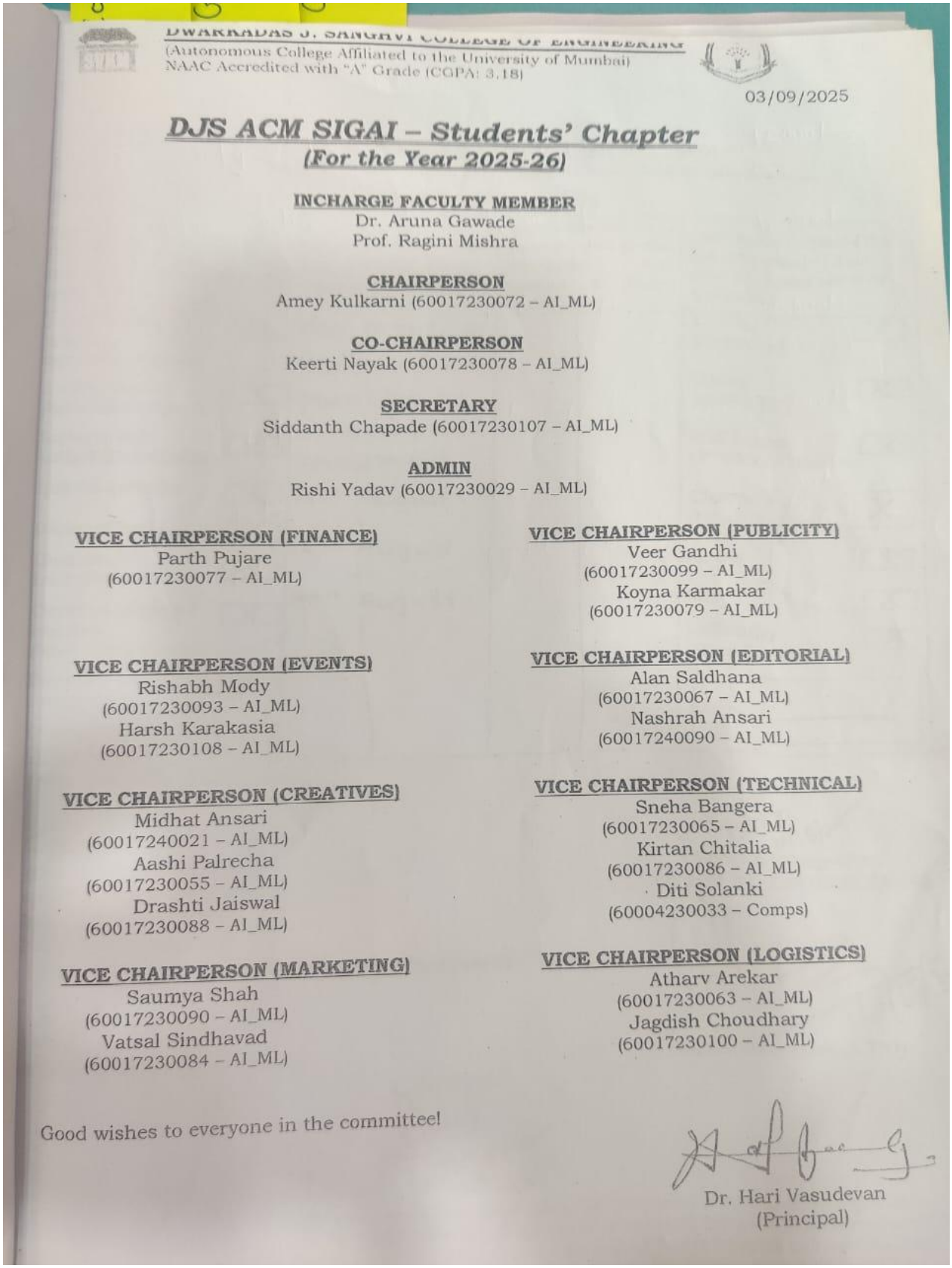
PSO-3 Adapt and apply AI and ML knowledge to solve complex global challenges with ethical responsibility, aiming to create a positive impact on society and the human race.

Department of Artificial Intelligence and Machine Learning

ADMINISTRATIVE RESPONSIBILTIES

Academic Year 2025-26

Dr. Aruna Gawade **Head of the Department** **Artificial Intelligence and Machine Learning**	
Dr. Nilesh Rathod	Placements Coordinator, Research Coordinator, Library Coordinator, Alumni Coordinator, Course Coordinator, Attendance Committee, NPTEL coordinator, NAAC Coordinator, Honor minor coordinator
Prof. Rashmi Ravikumar	Expert Talk Coordinator, Internship Coordinator, Lab In-Charge: Deep Learning Lab, Course file Auditor, Academic Calendar, PAC Committee Member, Class In-Charge: BE
Prof. Purva C. Badhe	NBA coordinator, Higher Studies Coordinator, Website Updating Coordinator, Department Budget Coordinator, Hackathon In-Charge, SIH Coordinator, Audit Report Coordinator, Course Structure Coordinator, SY IPD In charge, Class Incharge: SE A
Prof. Ragini Mishra	Term Test Coordinator, SIGAI and CODEAI Coordinator, Industrial collaboration, MoM, Mentor Mentee Coordinator, Department Maintenance Coordinator
Prof. Angelin Florence	Load & TimeTable Coordinator, Weak Bright Analysis Coordinator, NIRF Coordinator, Major Project Coordinator, Examination Coordinator
Prof. Akshaya Prabhu	BOS Coordinator, Academic Council Coordinator, Lab In-Charge: AIML Lab, Monthly Report, Activity Report Faculty and Student Achievements, Result Analysis , Open Elective Department Co-coordinator , Class In-Charge: TE
Prof. Vipul Kushawaha	Class Incharge: SE B, Co-coordinator SIGAI and CODEAI Consultancy, Term Test Coordinator, CES Coordinator, NPTEL coordinator



DWARKADAS J. SANGHVI COLLEGE OF ENGINEERING
(Autonomous College Affiliated to the University of Mumbai)
NAAC Accredited with "A" Grade (CGPA: 3.18)

03/09/2025

DJS ACM SIGAI – Students' Chapter
(For the Year 2025-26)

INCHARGE FACULTY MEMBER
Dr. Aruna Gawade
Prof. Ragini Mishra

CHAIRPERSON
Amey Kulkarni (60017230072 – AI_ML)

CO-CHAIRPERSON
Keerti Nayak (60017230078 – AI_ML)

SECRETARY
Siddanth Chapade (60017230107 – AI_ML)

ADMIN
Rishi Yadav (60017230029 – AI_ML)

VICE CHAIRPERSON (FINANCE)
Parth Pujare
(60017230077 – AI_ML)

VICE CHAIRPERSON (PUBLICITY)
Veer Gandhi
(60017230099 – AI_ML)
Koyna Karmakar
(60017230079 – AI_ML)

VICE CHAIRPERSON (EVENTS)
Rishabh Mody
(60017230093 – AI_ML)
Harsh Karakasia
(60017230108 – AI_ML)

VICE CHAIRPERSON (EDITORIAL)
Alan Saldhana
(60017230067 – AI_ML)
Nashrah Ansari
(60017240090 – AI_ML)

VICE CHAIRPERSON (CREATIVES)
Midhat Ansari
(60017240021 – AI_ML)
Aashi Palrecha
(60017230055 – AI_ML)
Drashti Jaiswal
(60017230088 – AI_ML)

VICE CHAIRPERSON (TECHNICAL)
Sneha Bangera
(60017230065 – AI_ML)
Kirtan Chitalia
(60017230086 – AI_ML)
Diti Solanki
(60004230033 – Comps)

VICE CHAIRPERSON (MARKETING)
Saumya Shah
(60017230090 – AI_ML)
Vatsal Sindhavad
(60017230084 – AI_ML)

VICE CHAIRPERSON (LOGISTICS)
Atharv Arekar
(60017230063 – AI_ML)
Jagdish Choudhary
(60017230100 – AI_ML)

Good wishes to everyone in the committee!

Dr. Hari Vasudevan
(Principal)

DJS ACM SIGAI – Students' Chapter

(For the Year 2025-26)

INCHARGE FACULTY MEMBER

Dr. Aruna Gawade
Prof. Ragini Mishra

Chairperson

Amey Kulkarni (60017230072 – AI_ML)

Co Chairperson

Keerti Nayak (60017230078 – AI_ML)

Secretary

Siddhanth Chapade (60017230107 – AI_ML)

Admin

Rishi Yadav (60017230029 – AI_ML)

Vice Chairperson (Finance)

Parth Pujare (60017230077 – AI_ML)

Vice Chairperson (Events)

Rishabh Mody (60017230093 – AI_ML)
Harsh Karakasia (60017230108 – AI_ML)

Vice Chairperson (Editorial)

Alan Saldhana (60017230067 – AI_ML)
Nashrah Ansari (60017240090 – AI_ML)

Vice Chairperson (Creatives)

Midhat Ansari (60017240021 – AI_ML)
Aashi Palrecha (60017230055 – AI_ML)
Drashti Jaiswal (60017230088 – AI_ML)

Vice Chairperson (Technical)

Sneha Bangera (60017230065 – AI_ML)
Kirtan Chitalia (60017230086 – AI_ML)
Diti Solanki (60004230033 – Comps)

Vice Chairperson (Marketing)

Saumya Shah (60017230090 – AI_ML)
Vatsal Sindhavad (60017230084 – AI_ML)

Vice Chairperson (Logistics)

Atharv Arekar (60017230063 – AI_ML)
Jagdish Choudhary (60017230100 – AI_ML)

Vice Chairperson (Publicity)

Veer Gandhi (60017230099 – AI_ML)
Koyna Karmakar (60017230079 – AI_ML)

DWARKADAS J. SANGHVI COLLEGE OF ENGINEERING
(Autonomous College Affiliated to the University of Mumbai)
NAAC Accredited with "A" Grade (CGPA: 3.18)

25/08/2025

DJS CodeAI – Students' Club
(For the A.Y. 2025-26)

FACULTY ADVISOR
Dr. Aruna Gawade
Prof. Ragini Mishra

CHAIRPERSON
Krishil Parikh (60017230001 – AI_ML)

VICE-CHAIRPERSON
Krisha Maisheri (60017230105 – AI_ML)

SECRETARY
Rishee Panchal
(60017230104 – AI_ML)

ADMIN
Deep Mehta
(60017230006 – AI_ML)

TECH WEB DEV
Manav Gohil (60017230037 – AI_ML)

TECH AI
Keyush Nisar (60017230041 – AI_ML)
Bhavya Goyal (60017230071 – AI_ML)
Taitil Chheda (60017230030 – AI_ML)
Rugved Kulkarni (60017230080 – AI_ML)

PROJECT HEAD
Manav Jopanputra
(60017230092 – AI_ML)
Parv Siria
(60003230291 – IT)

MARKETING HEAD
Rihen Moradia
(60017230091 – AI_ML)
Jigar Gada
(60005230028 – Mech)

EVENTS HEAD
Netra Sangani
(60017230094 – AI_ML)
Mitvi Dattani
(60003230266 – IT)

CREATIVES HEAD
Vruddhi Zaveri
(60017230087 – AI_ML)

CO-ORDINATOR (DJS-TRINITY)
Manav Jobanputra (60017230092 – AI ML)

SOCIAL REPRESENTATIVE (DJS-NSS)
Netra Sangani (60017230094 – AI ML)

Best of luck to everyone in the committee!

Dr. Hari Vasudevan 25/8/25
(Principal)

DJS CodeAI – Students' Club

(For the A.Y. 2025-26) (Revised)

FACULTY ADVISOR
Dr. Aruna Gawade
Prof. Ragini Mishra

CHAIRPERSON
Krishil Parikh (60017230001 – AI ML)

VICE-CHAIRPERSON
Krisha Maisheri (60017230105 – AI ML)

SECRETARY
Rishee Panchal (60017230104 – AI ML)

ADMIN
Deep Mehta (60017230006 – AI ML)

TECH WEB DEV
Manav Gohil (60017230037 – AI ML)

TECH AI
Keyush Nisar (60017230041 – AI ML)
Bhavya Goyal (60017230071 – AI ML)
Taitil Chheda (60017230030 – AI ML)
Rugved Kulkarni (60017230080 – AI ML)

PROJECT HEAD
Manav Jopanputra (60017230092 – AI ML)
Parv Siria (60003230291 – IT)

MARKETING HEAD
Rihen Moradia (60017230091 – AI ML)
Jigar Gada (60005230028 – Mechanical)

EVENTS HEAD
Netra Sangani (60017230094 – AI ML)
Mitvi Dattani (60003230266 – IT)

CREATIVES HEAD
Vruddhi Zaveri (60017230087 – AI ML)

CO-ORDINATOR (DJS-TRINITY)
Manav Jobanputra (60017230092 – AI ML)

SOCIAL REPRESENTATIVE (DJS-NSS)
Netra Sangani (60017230094 – AI ML)

Paper Published in National / International Conference/Journals

Journal

- Gargi V. Rane, Kanak D. Kadulkar, Rasika M. Adiseshan, Shrey G. Prabhu, Aruna U. Gawade, Nilesh T. Rathod, and Ragini A. Mishra from the AIML Department published a research paper titled *"Dyslexia Aid: A Multimodal AI-Based Pilot System for Early Screening of Dyslexia in Children"* in the *Journal of Applied Bioanalysis* (International), ISSN 2405-710X, in 2025, Vol. 11, No. S1, pages 376–394. The paper is indexed in Scopus.
- Prof. Ragini Mishra, Dr. Aruna Gawade, Dr. Nilesh Rathod, Mr. Parth Rana, Mr. Pranav Nagvekar, Ms. Prasididhi Agarwal, and Ms. Yashvi Savla from the AIML Department published a research paper titled *"AI Courtroom: An AI-Powered Legal Learning & Trial Prepbot"* in *Lex Localis – Journal of Local Self-Government* (International). The paper was published in 2025, Volume 23, Issue S6, with ISSN 1581-5374 (E-ISSN: 1855-363X), and is indexed in Scopus.
- Prof. Akshaya Prabhu authored a paper titled Malware Detection Through Memory Forensics and Windows Event Log Analysis, published in The International Arab Journal of Information Technology (IAJIT) with ISSN: 1683-3198, Vol. 22, No. 6, November 2025 indexed in Scopus.
- Prof Purva C Badhe authored a paper titled Hybrid CNN-Transformer for Dynamic Indian Sign Language Recognition with Non-Manual Gesture Analysis. The paper was published in Ingénierie des Systèmes d'Information, published on 31 December 2025, DOI: https://doi.org/10.18280/isi.301222

Conference

- Dr. Aruna Gawade presented a paper titled Knowledge Assistant for Joint Utility: A Multi-Agent LLM-Driven Conversational System for Automated Task Execution in 3rd International Conference on Computational Intelligence and Network Systems (CINS)
- Prof Purva C Badhe presented paper titled SpeechMate: An AI – Driven Platform for Integrated Speech Therapy Management in International conference on Cognitive Informatics Engineering & Technology -2026
- Dr. Aruna Gawade presented a paper titled Axxora-orchestration of distributed intelligence for limitless conversation in 14th International Conference on contemporary engineering and technology 2026 .
- Prof. Vipul Kushwaha presented a paper titled IoT based liquid tank monitoring comparative evaluation of lightweight statistical anomaly detection techniques in 2nd International Conference on Computing, Communication and Green Engineering

GUEST LECTURE REPORTS

Event Report: Agentic AI Seminar

Date: 15/04/2026 Time: 02:30 pm to 06:00 pm
Guest Speaker: Mrs. Harshil Parikh
Audience: T.Y. B.Tech (AIML) Students
No. of Attendees: 50

Introduction

The **Agentic AI Seminar with Hands-on** was conducted with the objective of familiarizing students with the rapidly evolving domain of Agentic Artificial Intelligence and Large Language Models (LLMs). The session aimed to bridge the gap between theoretical AI concepts and their practical applications in industry, while also equipping students with insights into building real-world AI systems.

Session Overview

The session commenced with an introduction to Agentic AI, where the speaker explained how intelligent agents function autonomously by leveraging LLMs to perform complex tasks, make decisions, and interact dynamically with users.

Students were introduced to the working principles of LLMs, including how they process input prompts, generate outputs, and rely heavily on contextual understanding. The discussion further covered important LLM parameters such as temperature, tokens, and context window, highlighting how these parameters influence the quality, creativity, and accuracy of generated responses.

A strong emphasis was placed on Prompt Engineering, where students learned how structuring prompts effectively can significantly enhance model outputs. The importance of providing proper context and constraints was demonstrated through practical examples.

The speaker also explained the concept of Fine-Tuning, emphasizing its importance in customizing models for domain-specific applications and improving performance in real-world use cases.

Practical Exposure & Interactive Learning

A hands-on segment was conducted using StackAI (stackai.com), where students explored how to build simple AI workflows. This practical exposure allowed participants to understand how theoretical concepts are implemented in real systems.

The session then transitioned into an engaging idea validation activity, where each participant was asked to propose a project idea. The speaker reviewed these ideas individually and provided constructive feedback, helping students refine and structure their concepts effectively.
This segment stood out as one of the most impactful parts of the seminar, as it encouraged critical thinking, creativity, and real-time problem solving.

Industry Insights

The speaker also shared valuable insights into their professional journey and organization, discussing:

- The type of projects their company works on
- Industry expectations from students
- Key skills required for internships and full-time roles
- The growing importance of AI-driven solutions across domains

These insights helped students gain a clearer understanding of how to align their skills with industry requirements.

Felicitation of Speaker

A token of appreciation being presented to the guest speaker for delivering an insightful and interactive session.

As a token of appreciation, the guest speaker was felicitated with a bouquet for delivering an insightful and engaging session.

Participation & Engagement

The seminar witnessed active participation from students, with a strong turnout as reflected in the attendance records. The session maintained a lively and interactive atmosphere throughout, with students asking questions, sharing ideas, and engaging in discussions.

The speaker engaging with students while explaining key concepts of Agentic AI, LLMs, and their real-world applications.

The speaker engaging with students while explaining key concepts of Agentic AI, LLMs, and their real-world applications.

The collaborative environment encouraged students to think innovatively and gain confidence in presenting their ideas.

Conclusion

The seminar provided students with valuable insights into the latest industry trends, career opportunities, and practical applications in the field of Artificial Intelligence and Machine Learning. The session helped students understand industry expectations, required technical skills, and real-world AI applications.

As a positive outcome of the seminar, **six students from Third Year AIML (TE AIML) and one student from Final Year AIML (BE AIML)** were shortlisted and recruited by **ProducticaAI**. The recruitment process included a suitable interview and a candidate evaluation process conducted after the guest lecture. The selection was based on students' technical knowledge, problem-solving skills, and understanding of AI/ML concepts.

The seminar successfully created an industry–academia interaction platform and motivated students to enhance their skills for future career opportunities in AI and related domains.

Guest Lecture Report: LLM

Date: 6th May, 2026
Time: 9:00 a.m. – 11:00 a.m.
Venue: CR42 Classroom
Class: B.Tech AIML
Resource Person: Mr. Shaurya Kucchal

The Department of Artificial Intelligence & Machine Learning organized an educational and interactive Guest Lecture on Large Language Models on 6th May, 2026 from 9:00 a.m. to 11:00 a.m. at CR42 Classroom. The guest speaker, Mr. Shaurya Kucchal, Founder & CEO of UpSolve Solutions LLP, delivered an engaging session on modern Large Language Model (LLM) architectures and Agentic AI.

The session commenced with a warm welcome extended to Mr. Shaurya Kucchal by Mrs. Angelin Florence A., followed by a bouquet presentation. Mr. Kucchal introduced the evolution of Generative AI and explained how LLMs are transforming software development and intelligent applications.

The lecture focused on Retrieval-Augmented Generation (RAG), GraphRAG, and Agentic AI architectures. He discussed the advantages and limitations of GraphRAG, retrieval strategies, and scenarios where RAG techniques may fail due to poor retrieval quality. The speaker also explained how Agentic AI enables autonomous planning, reasoning, and tool usage to solve complex tasks.

The lecture was highly interactive, with students actively participating in discussions and clarifying their doubts regarding LLM architectures, GraphRAG, fine-tuning methods, and real-world AI applications. The session concluded with a vote of thanks, expressing gratitude to the resource person for sharing valuable insights and inspiring students to explore advanced AI research.

Photographs

Figure 1: Welcome and bouquet presentation to the resource person.

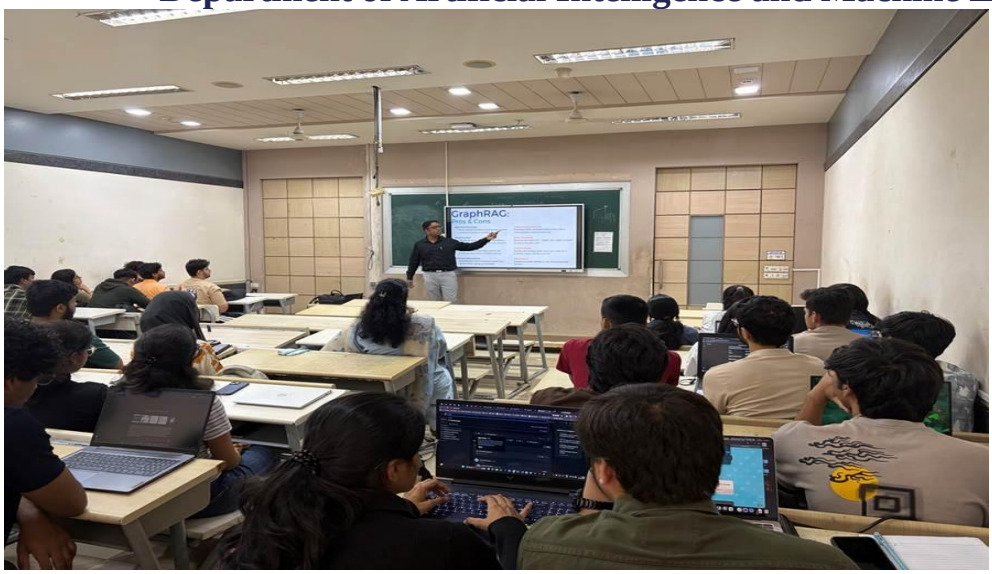


Figure 2: Mr. Shaurya Kucchal delivering the guest lecture to B.Tech AIML students.

The speaker engaging with students while explaining key concepts of Agentic AI, LLMs, and their real-world applications.

Department of Artificial Intelligence and Machine Learning

Event Report: Agentic AI Seminar

Date: 18/02/2026 **Time:** 11:00 AM – 1:00 PM

Mode: Online
Organisers: DJS CodeAI, Department of Artificial Intelligence & Machine Learning
Audience: Primarily Third-Year AIML students, along with a few Second-Year participants

Event Overview

The Department of Artificial Intelligence and Machine Learning, in association with DJS CodeAI, successfully conducted an **online seminar on "Agentic AI"** to introduce students to the next generation of autonomous and goal-driven artificial intelligence systems.
The seminar was aimed at helping students understand how modern AI systems are evolving from traditional prompt-based models into **intelligent agents capable of reasoning, planning, and executing tasks independently**. The session was attended primarily by third-year AIML students, with participation from a few second-year students who showed interest in emerging AI technologies.
The session was delivered by **Mr. Anbarasu J**, an AI and Machine Learning specialist with hands-on experience in image processing, machine learning, and deep learning. The speaker adopted a practical and concept-driven approach, making the session engaging and easy to follow.

Students attending the Agentic AI seminar during the online session.

Session Highlights

The seminar began with an overview of the **future of artificial intelligence** and the growing importance of AI across education, research, and industry. The speaker also discussed the importance of **responsible AI practices and data privacy**, emphasizing ethical considerations in modern AI systems.
Students were introduced to the concept of **integrating multiple AI tools** to create end-to-end intelligent solutions. This set the foundation for the main topic of the session: **Agentic AI**.

The seminar in progress as students follow the session on Agentic AI concepts.

Introduction to Agentic AI

The speaker explained that **Agentic AI refers to autonomous AI systems** that can design, execute, and optimize workflows with minimal human intervention. These systems are capable of:

- Making decisions
- Planning tasks
- Adapting to changing environments
- Achieving predefined goals autonomously

The limitations of traditional AI were also discussed, including:

- Lack of adaptability
- Rigid rule-based behavior
- Limited contextual understanding
- Dependence on static datasets

This comparison helped students understand why agent-based systems represent a significant advancement in artificial intelligence.

Types of AI Agents

The session provided a detailed explanation of various types of AI agents, including:

- **Simple Reflex Agents** – React to current inputs without memory
- **Model-Based Agents** – Use internal models and memory
- **Goal-Based Agents** – Plan actions to achieve specific goals
- **Utility-Based Agents** – Optimize decisions based on utility values
- **Learning Agents** – Improve performance through experience
- **Hierarchical Agents** – Break tasks into smaller sub-tasks
- **Robotic Agents** – Operate in the physical world

The speaker also introduced **Multi-Agent Systems (MAS)**, where multiple agents collaborate or compete to solve complex problems. Different MAS architectures were explained, including:

- Centralized systems
- Decentralized systems
- Hierarchical systems
- Holonic systems

Real-world examples such as food delivery systems, autonomous vehicles, and organizational structures were used to make the concepts more relatable.

Third-year AIML students actively attending the seminar session.

Technologies Behind Agentic AI

The seminar then focused on the core technologies that enable agentic AI systems, including:

- Machine Learning
- Natural Language Processing (NLP)
- Large Language Models (LLMs)
- Contextual understanding
- Advanced decision-making frameworks

The speaker explained how LLMs act as the reasoning engines for many agentic systems, enabling them to understand instructions, generate solutions, and coordinate multiple tools.

Working of Agentic AI

Students were introduced to the **four-step operational cycle** of agentic AI:

1. **Perceive** – Collect and process data from the environment
2. **Reason** – Analyze tasks and generate solutions using LLMs
3. **Act** – Execute actions through tools and APIs
4. **Learn** – Improve performance through feedback loops

This explanation provided a clear understanding of how autonomous AI systems function in real-world scenarios.

Agent Types and Architectures

The seminar also covered different agent architectures:

- **Reactive Agents** – Immediate responses based on stimuli
- **Deliberative Agents** – Use reasoning and planning
- **Hybrid Agents** – Combine reactive and deliberative approaches
- **Learning Agents** – Improve through experience

Examples such as chatbots, thermostats, robotic vacuum cleaners, drones, and recommendation systems were used to illustrate these concepts.

Large Language Models and Learning Techniques

The session concluded with an overview of **Large Language Models (LLMs)** and their applications, including:

- Code generation
- Debugging and documentation
- Question answering
- Language translation
- Prompt-based problem solving

Students were also introduced to different learning approaches:

- Zero-shot learning
- One-shot learning
- Few-shot learning

Additionally, model customization techniques were discussed, such as:

- Prompt tuning
- Fine-tuning
- Adapter-based training

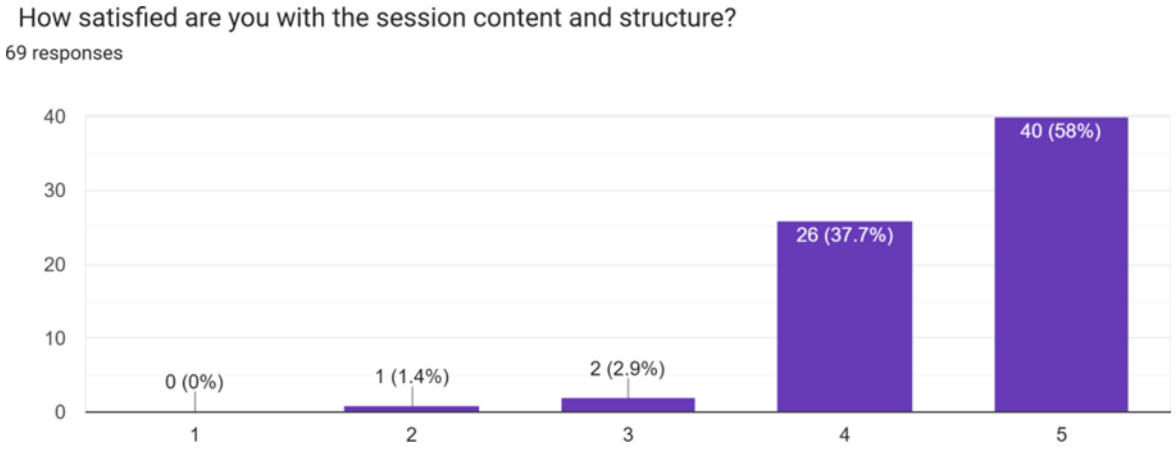
Conclusion

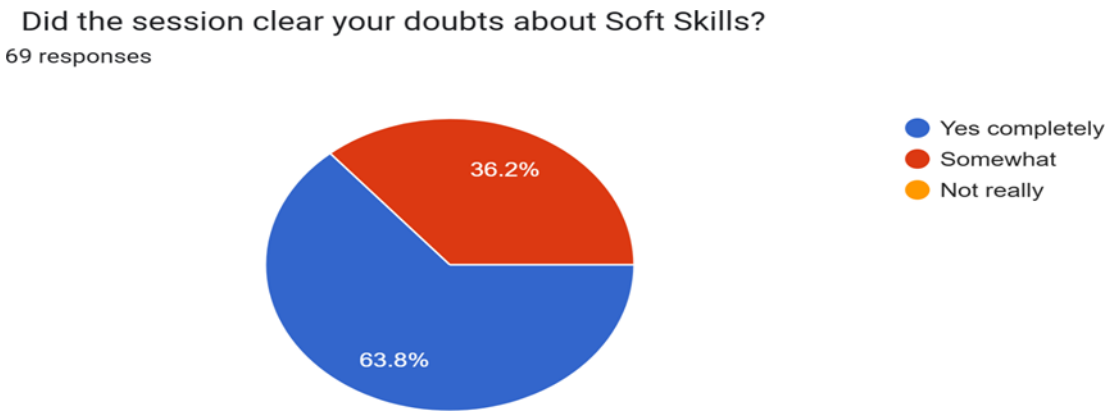
The Agentic AI Seminar was an informative and engaging session that introduced students to one of the most significant advancements in modern artificial intelligence. The seminar provided a comprehensive overview of agent-based systems, their architectures, underlying technologies, and real-world applications.
The session successfully broadened students' understanding of autonomous AI systems and highlighted the future scope of agentic technologies across various industries. It served as a valuable learning experience and strengthened the department's focus on emerging trends in artificial intelligence.

Department of Artificial Intelligence & Machine Learning

Report on Soft Skills Development Session

Date: 15th April, 2026
Audience: Second Year & Third Year AIML Students
Speaker: Ms. Manali Chakraborty





The Department of Artificial Intelligence & Machine Learning at Dwarkadas J. Sanghvi College of Engineering organized a Soft Skills Development Session for Second Year and Third Year students with the objective of strengthening their professional readiness and preparing them for internships, placements, and future workplace responsibilities. In today's competitive environment, technical expertise alone is not sufficient for career success, and therefore the department took an important initiative to expose students to the value of communication, confidence, interpersonal effectiveness, and industry expectations.

The session was conducted by Ms. Manali Chakraborty, a working professional with significant experience in marketing strategy, recruitment, training, and communication development. Her career includes positions at Pixelo Digital, Leverage Edu, and Alt Strategy, where she has led campaigns, conducted large-scale hiring processes, screened candidates, and facilitated workshops for students and professionals. Her exposure to recruitment and candidate evaluation provided students with practical insights into what companies expect from young graduates entering the workforce. During the session, the speaker addressed key aspects of soft skills that are essential for engineering students, particularly those preparing for internships and placements. She emphasized the importance of clear communication, confidence while speaking, body language, professional etiquette, resume presentation, and interview readiness. Students were also guided on how to perform effectively during HR interviews, group discussions, and professional interactions. The speaker combined theoretical guidance with practical examples, making the session relatable and highly engaging for the audience.

A feedback survey was conducted after the session, receiving responses from 69 students. The feedback reflected an overwhelmingly positive response, with average ratings above 4.5 out of 5 across all major parameters. Session usefulness received an average rating of 4.52, indicating that students found the content highly relevant and beneficial. Speaker clarity also received an average score of 4.52, showing that the session was delivered in a clear, structured, and understandable

manner. Overall satisfaction was similarly rated at 4.52, demonstrating strong student appreciation for the quality and impact of the event.

The survey also revealed that the majority of students gave the highest possible ratings in usefulness, clarity, and satisfaction. Very few respondents rated the session below average, which indicates that the session successfully met the expectations of participants. In terms of doubt resolution, 63.8% of students stated that their doubts regarding soft skills were completely cleared, while 36.2% reported that their doubts were somewhat addressed. This confirms that the session effectively answered student concerns and created meaningful awareness regarding the importance of soft skills in career development

Overall, the Soft Skills Development Session conducted by Ms. Manali Chakraborty was a highly successful and impactful initiative by the AIML Department of Dwarkadas J. Sanghvi College of Engineering. The session effectively bridged the gap between academic learning and professional expectations by equipping students with practical career skills that are often overlooked in technical education. With excellent feedback ratings and strong student participation, the program created substantial value for attendees and reinforced the importance of communication and confidence in achieving career success.

Event Report: Guest Lecture on Security, Monitoring, and Reliability

Date: 07/04/2026
Time: 2:00pm - 4:00pm
Venue: CR42 Classroom
Guest Speaker: Dr. Dayanand Ambawade (Sardar Patel Institute of Technology, Mumbai)
Audience: Third Year (TE) Students, AIML Department
No. of Attendees: 68

Session Highlights

The Department of AIML successfully hosted an expert session led by Dr. Dayanand Ambawade, accompanied by Mr. Sarthak Bhosale. The session was divided into a comprehensive conceptual overview followed by a practical demonstration.

Key areas covered during the session included:

- **Site Reliability Engineering (SRE):** Core principles of maintaining highly available systems, managing downtime, and understanding service-level indicators (SLIs) and objectives (SLOs).
- **System Monitoring:** The speakers conducted an excellent practical demonstration of real-time monitoring tools, showing students how to track system health, detect anomalies, and set up automated alerts.

The practical demonstration was particularly beneficial, allowing students to visualize how abstract security and reliability concepts are actively deployed in production environments.

Conclusion and Acknowledgments

The lecture concluded with an interactive Q&A session where students engaged with the speakers regarding career paths in SRE and cybersecurity.

We extend our sincere gratitude to Dr. Dayanand Ambawade and Mr. Sarthak Bhosale for taking the time to share their expertise with our students. Special thanks to the Head of the AIML Department, Dr. Aruna Gawade, and the DJSCE administration for their continued support in facilitating such valuable industry-academia interactions.

Department of Artificial Intelligence and Machine Learning

Advanced System Design Guest Lecture Photos

Trainer Name: Anbarasu J

Specialization: Image Processing, Machine Learning, Deep Learning, Open CV, MATLAB

Experience: Over 5 years of hands-on experience in the image processing domain, machine learning, and deep learning.

Bio: Anbarasu J is a passionate educator with extensive experience in image processing, machine learning, and deep learning. Backed by a strong technical foundation and a proven track record of leading successful workshops and seminars, Anbarasu J is committed to empowering students with the cutting-edge skills required to thrive in today's fast-evolving tech landscape.

Teaching Philosophy: Anbarasu J embraces a highly interactive and hands-on teaching approach. By incorporating real-world applications and project-based learning, he ensures that students gain both theoretical insights and practical expertise, making learning more impactful and engaging.

Technical Skills:

Core Subject Knowledge: Comprehensive understanding of Image Processing, Computer Vision, Artificial Intelligence, and Machine Learning.
Programming Languages: Proficient in Python and MATLAB.
Software & Tools: Experienced in using tools such as MATLAB, Google Colab, Anaconda, and VS Code for project development and collaboration.

Cloud Platforms: Knowledgeable in deploying AI models on cloud services such as AWS and Google Cloud.

Database Management: Familiarity with SQL databases and working with large datasets using MySQL and MongoDB.

Testimonials:

"Anbarasu's approach to teaching is truly hands-on, making complex concepts in AI and ML easy to understand. His workshops are both informative and interactive, giving us the confidence to implement what we learn." – Dr. Priya K., Associate Professor, VIT University

"The energy and enthusiasm Anbarasu brings to his sessions are unmatched. His expertise in MATLAB and image processing is evident, and the real-world applications he shares keep students fully engaged." – Mr. Arvind S., Training & Placement Officer, SRM Institute of Science and Technology.

Workshops Conducted:

Anbarasu has delivered over 70 impactful workshops and seminars at numerous colleges across India. His training sessions span diverse topics such as Python with Flask, Artificial Intelligence, Machine Learning, Django, OpenCV, Image Processing with MATLAB and Deep Learning. Each session is designed to provide a balanced mix of theory and practical applications, ensuring participants leave with actionable knowledge and hands-on experience.

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

FDPS:

- Prof. Angelin F attended FDP on Applied Generative AI on 15 December 2025 to 20 December 2025.
- Prof Angelin F attended Generative AI and Agentic Systems: From Foundations to App Development from 15 December 2025 to 19 December 2025.
- Prof. Angelin F attended ISTE-approved STTP on Digital Twins: Driving Cybersecurity, Sustainability, and Innovation across Service Sectors from 19 January - 24 January 2026.
- Prof. Purva Badhe attended FDP- Agentic AI in FinTech: Autonomous Intelligence for Next-Generation Financial Systems from 23 January 2026 and 24 January 2026
- Prof.Vipul Kushawaha attended ISTE-approved STTP on Digital Twins: Driving Cybersecurity, Sustainability, and Innovation across Service Sectors from 19 January - 24 January 2026.
- Prof Vipul Kushawaha attended FDP on MongoDB on 15 December 2025 – 19 December 2025
- Prof. Ragini Mishra attended FDP on MongoDB on 15 December 2025 – 19 December 2025
- Prof. Angelin F attended Digital Applications Fundamentals FDP on 26 January - 31 January 2026
- Dr. Aruna Gawade attended as well as a part of organizing committee on FDP on AI Tools & Prompt Engineering in collaboration with Pantech Education on 04 May 2026 - 08 May2026
- Dr. Nilesh Rathod attended as well as a part of organizing committee on FDP on AI Tools & Prompt Engineering in collaboration with Pantech Education on 04 May 2026 - 08 May2026
- Prof. Rashmi Ravikumar attended as well as a part of organizing committee on FDP on AI Tools & Prompt Engineering in collaboration with Pantech Education on 04 May 2026 - 08 May2026
- Prof. Purva Badhe attended as well as a part of organizing committee on FDP on AI Tools & Prompt Engineering in collaboration with Pantech Education on 04 May 2026 - 08 May2026
- Prof. Ragini Mishra attended as well as a part of organizing committee on FDP on AI Tools

& Prompt Engineering in collaboration with Pantech Education on 04 May 2026 - 08 May2026

- Prof. Angelin F attended as well as a part of organizing committee on FDP on AI Tools & Prompt Engineering in collaboration with Pantech Education on 04 May 2026 - 08 May2026
- Prof. Akshaya Prabhu attended as well as a part of organizing committee on FDP on AI Tools & Prompt Engineering in collaboration with Pantech Education on 04 May 2026 - 08 May2026
- Prof. Vipul Kushawaha attended as a part of organizing committee on FDP on AI Tools & Prompt Engineering in collaboration with Pantech Education on 04 May 2026 - 08 May2026
- Prof. Akshaya Prabhu completed Foundation of Deep Learning NPTEL FDP of 12 weeks.
- Prof. Ragini Mishra completed FDP on Advanced GenAI and Context Engineering on 18 May –22 May 2026

NPTEL Certification

- Prof. Akshaya Probhu completed NPTEL Certification on “Foundation of Deep Learning”- 12-week course

MOUs between College and Industry

Fortis MoU

The Memorandum of Understanding (MoU) is entered into between Shri Vile Parle Kelavani Mandal's Dwarkadas Jivanlal Sanghvi College of Engineering (DJSCE), Mumbai, and the Clinical Collaborators from Fortis Hiranandani Hospital, Vashi, namely Dr. Harshavardhan Ghorpade and Dr. Sunil Morekar (Consultants in Ophthalmology), Dr. Ashok Hande (Consultant in Neuro Surgery), and Dr. Reshik Kannan Korokkaran (Consultant in Neurology). The MoU is executed on 10th September, 2025 and is valid for a duration of two years from the date of execution. The objective of this MoU is to establish collaborative research in the area of artificial intelligence and healthcare by developing, refining, and clinically validating a deep learning–based system for early stroke risk detection using retinal images. The collaboration aims to integrate academic expertise in AI, machine learning, and computer vision with clinical expertise in ophthalmology and neurology, ensure ethical and regulatory compliance, encourage meaningful student participation, and promote joint research publications and intellectual property creation. The project undertaken under this MoU is titled **"Deep Learning Approach for Early Stroke Detection Using Retinal Images."**

Aspira

The Memorandum of Understanding (MoU) is entered into between **CodeAI-Club of department of AIML** and **Aspira** Pathlab and Diagnostics Ltd. with the aim of establishing a collaborative framework for academic, technical, and industry-oriented activities. The MoU comes into effect from **4th October, 2025** till the project completion from the date of commencement, unless terminated earlier as per the agreed terms. The primary objective of this MoU is to formalize the specific operational and logical framework for the pathlab. Through this collaboration, both parties intend to jointly plan and execute activities that enhance technical competence, employability, and applied learning outcomes. The project undertaken under this MoU is titled **"Automation and Digitalization of Pathlab Process"**, which aligns with the shared vision of fostering innovation and real-world problem-solving.

CPR

The Memorandum of Understanding (MoU) is entered into between the Centre for Police Research (CPR), Pune, and Shri Vile Parle Kelavani Mandal's Dwarkadas Jivanlal Sanghvi College of Engineering (DJSCE), Mumbai. The MoU was executed on 11th December 2024 and is effective from 2nd January 2025, with a validity period of five (5) years from the effective date, unless terminated earlier in accordance with the agreement. The primary objective of the MoU is to establish a

collaborative framework for research, education, and training, facilitating joint research activities, knowledge sharing, capacity building, and dissemination of research outcomes for mutual benefit, particularly in areas related to public safety, policy, and technological innovation. Under this MoU, the project undertaken is titled "Traffic Management Using Reinforcement Learning," wherein CPR will provide the relevant datasets, and the project focuses on applying advanced artificial intelligence techniques to address real-world traffic management and policing challenge

PANTECH MOU

The Memorandum of Understanding (MOU) was signed between SVKM's Dwarkadas J. Sanghvi College of Engineering, Mumbai and Pantech Solutions India Pvt. Ltd., Bengaluru on 6th February 2026. The collaboration aims to strengthen industry–institution interaction by promoting skill development, certified training programs, research, innovation, and professional growth. The MOU focuses on providing students with industry-oriented knowledge through hands-on training, internships, industrial exposure, workshops, and value-added courses in emerging technologies such as Artificial Intelligence, Machine Learning, Data Science, Blockchain, and IoT. It also encourages joint research activities, guest lectures, faculty development programs, and curriculum enhancement to bridge the gap between academic learning and industry requirements. The partnership supports students in developing technical and practical skills required for better career opportunities and placement prospects. The agreement is valid for three years and aims to create industry-ready professionals through continuous learning, collaboration, and innovation.

Department of Artificial Intelligence and Machine Learning

FACULTY ACHIEVEMENTS

- Prof Purva C Badhe Won 2nd Prize in Mini Project and Research Poster Competition (MPRPC 2026) organized by MPSTME, NMIMS University

- Prof. Ragini Mishra was Invited Jury for Project Competition at Theem College of Engineering

- Prof. Vipul Kushawaha was invited as Judge for ‘War of Bands’ at KJ Somaiya Institute of Management

- Prof. Vipul Kushawaha was invited as Judge for ‘Battle of Bands’ and Dance Competition at Sardar Patel Institute of Technology

STUDENTS ACHIEVEMENTS

The students of the AIML Department achieved remarkable success across academic, technical, cultural, and sports events during the academic year.

- Parth Rana, Jinnal Raghwani, and Utsav Mehta secured the **1st Position** in the **AI Mumbai – GenAI Hackathon** held on **25 December 2025**.
- Siddhanth Chapade earned **3rd Place** in the **Case Study Competition** at the **National Institute of Technology Durgapur** on **3 January 2026**. He also secured **1st Position** in **Mergers Alliance 4.0**, conducted from **18–27 December 2025**.
- Vruddhi Zaveri demonstrated exceptional sporting excellence by winning the **800m Running** and **Shot Put** events on **28 February 2026**. She also secured the **First Runner-Up** position in the **200m Running** and **Relay** events, and achieved **Third Place** in **Tug of War** along with Juee Shimpi.
- Ananya Patel, Juee Shimpi, and Shreya Khanna secured **Third Place** in the **Basketball** competition held on **22 February 2026**.
- Aditya Dharawat achieved **Second Place** in the **FIFA** competition on **22 February 2026**. He later secured the **Runner-Up** position at **Revive 26**, organized by **Terna College of Engineering**, on **16 April 2026**.
- Prasiddhi Agarwal and Hiya Shah emerged as **Winners** in the **Volleyball** competition held on **16 February 2026**.
- Nitika Jain secured **Third Place** in the **Throwball** competition on **16 February 2026**. She, along with Ananya Patel, also secured **Third Place** in the **Cricket** competition on **20 February 2026**. Rajesh Rajgor was also a member of the cricket team that achieved **Third Place**.
- Bhargav Bagawe and Amol Singh secured **Third Place** in the **Kabaddi** competition held on **22 February 2026**.
- Ananya Patel, Hiya Shah, Vruddhi Zaveri, and Juee Shimpi emerged as **Winners** in the **Dodgeball** competition conducted on **15 February 2026**.
- Rishaa Desai and Hitansh Jain secured the **Winner** title in the **Trinity Fashion Show** held on **16 March 2026**.
- Aditya Dharawat, Ved Pratyush, Siddhant Pawar, and Manan Darji emerged as **Winners** of the **Trinity Band Competition** on **17 March 2026**.
- Megh Bari and Labdhi Shah secured **Winner** positions in a **Hackathon** conducted on **16 March 2026**.
- Param Shah achieved the **First Runner-Up** position in the **National Student Change Initiative 2026** on **22 March 2026** and later secured **Second Runner-Up** in the **Vellora 1.0 Hackathon** on **12 April 2026**.
- Megh Bari continued to excel in technical competitions, securing **First Runner-Up** at **Code Royal, Kharghar** on **1 April 2026**, winning **Prakalpa-2026**, a national-level technical paper presentation and project competition, on **7 April 2026**, and emerging as the **Winner** at **U'lectro'26**, a national-level project showcase competition organized by **MPSTE**, on **14 April 2026**.
- Suruchi Makwana secured the **Second Runner-Up** position in **Mergemania: Mergers and Acquisition – E-Summit** on **14 April 2026**. She also emerged as the **Winner** in the **Consulting Challenge** at **INCEPTIO 9.0** on **18 March 2026**.

- Ujwal Rai, Mhatre Maulik, and Patel Vivaan secured **Second Place** in **VNPS and Oscillation 2026** on **2 April 2026**.

These achievements reflect the AIML Department's commitment to excellence in academics, innovation, sports, cultural activities, and leadership, showcasing the diverse talents and capabilities of its students.

STUDENT CHAPTER SIGAI EVENTS

Department of Artificial Intelligence and Machine Learning

DJS ACM SIGAI : SYN3RGY 3.0

Academic Year: 2025–2026

Introduction & Event Overview

Synergy 3.0 is the premier interdisciplinary flagship hackathon of Dwarkadas J. Sanghvi College of Engineering (DJSCE). This high-impact event is a strategic collaboration between three of the college's leading technical committees: DJS ACM SIGAI (Special Interest Group on Artificial Intelligence), DJS NSDC (National Student Data Corps), and DJS ISACA (Information Systems Audit and Control Association). The theme of the Hackathon was Alice in the borderland.

The event brought together students from various academic years and disciplines to participate in a multi-round, 24-hour hackathon designed to foster teamwork, creativity, and technical adaptability across five specialized domains:

- Artificial Intelligence & Machine Learning (AI/ML)
- Cybersecurity
- Blockchain
- Web Development
- Open Innovation

Administrative Leadership & Committee Presence

The success of Synergy 3.0 was guided by the institutional leadership of DJSCE and a robust student organizational structure.

College Dignitaries

Principal: Dr. Hari Vasudevan.

Vice Principal & HOD (ICB): Dr. Narendra Shekokar.

Director, IQAC: Dr. K. N. Vijay Kumar.

Training & Placement Officer (TNPO): Dr. Rajendra Khavekar.

Departmental Heads (HODs)

- HOD, Computer Science and Engineering (ICB): Dr. Narendra Shekokar.
- HOD, Artificial Intelligence and Machine Learning (AIML): Dr. Aruna Gawade.
- HOD, Artificial Intelligence and Data Science (AIDS): Dr. Pratik Kanani.

Institutional & Student Attendees

The event saw significant representation from the academic and student leadership including:

- Heads of Department and faculty members from ICB, AIDS, and AIML.
- The Chairpersons of DJS ISACA, DJS NSDC, and DJS SIGAI.
- Upper Core Members and the Department Heads of various sub-units within the three committees.
- Co-Committee Members (CoCom) and participants from all academic years.

Official Event Timeline

The hackathon followed a rigorous 24-hour schedule to test the endurance and skill of every participant:

12:00 PM (Day 1): The registration desk opened, and security frisking was conducted for all arriving teams.

2:00 PM (Day 1): Coding Round 1 officially began across the coding arenas.

3:30 PM (Day 1): Formal Inauguration Ceremony featuring lamp lighting and keynote addresses.

8:00 PM – 11:00 PM (Day 1): Mentoring Round 1 was held to provide teams with technical direction and feedback on their initial architectures.

Overnight (Day 1): Coding continued uninterrupted through the night.

9:00 AM (Day 2): Coding for Round 1 concluded.

11:00 AM (Day 2): Mentoring Round 2 began to help teams refine their prototypes for the final evaluation.

2:00 PM (Day 2): Round 1 Presentations and live demonstrations commenced, accompanied by lunch.

Evening (Day 2): Shortlisted teams advanced to Round 2 to tackle new problem statements before the final felicitation ceremony.

Event Proceedings

The Inauguration Ceremony was officially launched at 3:30 PM by Principal Dr. Hari Vasudevan and Vice Principal Dr. Narendra Shekokar. The session began with a traditional lamp-lighting ceremony symbolizing the "light of innovation," followed by keynote speeches emphasizing interdisciplinary collaboration in the modern tech landscape. The ceremony concluded with the National Anthem before teams returned to their workstations.

The competition was structured into three evaluative phases:

Round 1: Teams developed domain-specific prototypes and presented solutions via PPT and live demonstrations.

Round 2: The 40 shortlisted teams were assigned entirely new, complex problem statements to implement within a rigorous 24-hour timeframe.

Grand Finale: Following Round 2 judging, a final shortlist of 10 elite teams (two from each domain) presented their comprehensive solutions to the main panel of judges to determine the winners.

Registration & Competitive Landscape

Synergy 3.0 achieved massive engagement across the engineering community through the Unstop platform:

- Outreach and Registrations: The event attracted a total of 144 registered teams, with each team

paying a registration fee of ₹200.

- Final Selection: Out of the initial large pool of applicants, only 40 elite teams were shortlisted for the intensive 24-hour offline stage at the DJSCE campus.
- Institutional Diversity: The competitive landscape featured a blend of internal and external talent. The finalists included 26 internal teams from DJSCE and 14 external teams representing premier institutes such as TSEC, VJTI, SFIT, and FRCRCE. This diversity raised the competitive bar, fostering a cross-college exchange of technical ideas.

Mentoring & Judging Panel

Participants were guided and evaluated by a diverse panel of industry and technical experts.

Domain	Expert Panel Members
Cybersecurity	Het, Dhairya, Sumit Jain
AIML	Harsh Chitaliya, Dev Parekh, Yash Buddhadev, Abhay Mathur, Ashish Charaya
Web / Open Innovation	Anish Shetty, Sahil Sharma, Shubham, Azlan, Harshal
Blockchain	Anmol Thakur
Main Jury	Manas Patil, Aditya Repe, Aakash Walavalkar, Mehul Gandhi.

The Winner's Circle

1. The team UntrainedModels, comprising Satyam Pandey (Team Lead), Ayush Shukla, Yash Singh, and Aryan Patil from Thadomal Shahani Engineering College (TSEC), secured the Winner's position and received a cash prize of ₹25,000.
2. The team 1HP_CLUTCH, comprising Junaid Shaikh (Team Lead), Rion Tuscano, Harsh Tandel, and Swarnim Bane from TSEC, FRCRCE, SFIT, and DJSCE, secured the First Runner-Up position and received a cash prize of ₹15,000.
3. The team MergeOrigin, comprising Neelay Joshi (Team Lead), Tanmay More, Athrva Sarade, and Kavya Zala from Veermata Jijabai Technological Institute (VJTI), secured the Second Runner-Up position and received a cash prize of ₹10,000.

Department of Artificial Intelligence and Machine Learning

[Winners receiving their prizes with College Dignitaries]

Department of Artificial Intelligence and Machine Learning

Event: NeuralNostalgia: Alumni Meet

Date: 21st February, 2026 Time: 11:00 am to 1:30 pm

Venue: 3rd Floor Seminar Hall & 4th Floor AIML department Organisers: 2025-26 Core Members of DJS ACM SIGAI

Audience: HOD, Faculty of AIML department, Alumnis (Batch of 2021-25), DJS ACM SIGAI Core and Co-Committee Members

Description:

- The Alumni Meet NeuralNostalgia 2026 commenced with an inauguration ceremony held in the Seminar Hall, marking the beginning of a memorable reunion.
- The event was graced by the esteemed presence of Principal Dr. Hari Vasudevan, who addressed the gathering with inspiring words about growth, innovation, and the strong legacy of the institution. This was followed by an encouraging speech from Vice Principal Dr. Narendra Shirodkar, who highlighted the achievements of the alumni and the department's continuous progress.

Address by the Principal at the Alumni Meeting.

The session concluded with motivating remarks from TPO Dr. Rajendra Khavekar, who appreciated the professional accomplishments of the graduates and emphasized the importance of staying connected with the institution. The formal session was followed by vibrant musical performances by DJS Beats, which filled the hall with energy and nostalgia.

- After this engaging start, the alumni were directed towards the Artificial Intelligence & Machine Learning Department, which had been thoughtfully decorated for the occasion. Total 30 alumni from batch of 2025 attended the event.

- A specially curated memory wall displayed group photographs from their academic years, while a visual timeline beautifully showcased the journey of the department from its foundation to their farewell year, allowing alumni to relive cherished moments.

- The departmental session began with an address by the Head of Department, Dr. Aruna Gawde, who warmly welcomed the alumni and reflected on the department's growth and their contributions.

HOD interacting with students as part of the Alumni Meet welcome

- She was followed by speeches from Dr. Nilesh Rathod and Prof. Angelin Florence, who shared heartfelt memories and extended their best wishes to the alumni.

- The session also featured a musical performance by AIML students and a short journey video that captured milestones, classroom memories, and memorable events, creating an emotional atmosphere.
- The celebration concluded with interactive games that encouraged bonding between alumni and current students.

- As a token of appreciation, letters of gratitude were presented to all alumni, who also left their signatures on a dedicated signature wall as a lasting memory of the occasion.

Letters of Appreciation were awarded to all the students in attendance.

- The event ended on a joyful note with a shared lunch, providing an opportunity for informal conversations, networking, and reconnecting, truly making NeuralNostalgia 2026 a memorable and heartwarming reunion.

Alumni, faculty, and organizers coming together to mark a successful celebration.

STUDENT CLUB
CODEAI
EVENTS

Department of Artificial Intelligence and Machine Learning

Prakalp 2026

Date: 22nd April 2026

Time: 8:00 AM – 6:00 PM

Audience: Third and Fourth Year AIML Students

Venue: DJSCE Campus

DJS CodeAI successfully organized *Prakalp 2026*, an IPD Competition, on 22nd April 2026 from 8:00 AM to 6:00 PM. The event served as a platform for students to showcase innovative project ideas, demonstrate technical expertise, and receive valuable feedback from industry professionals and faculty members. The competition encouraged participants to apply their knowledge to solve real-world challenges while fostering creativity, collaboration, and problem-solving skills.

Prakalp 2026 was officially inaugurated by our esteemed faculty members, marking the beginning of a journey filled with creativity, learning, and groundbreaking ideas. Here's to transforming visions into reality

The competition witnessed enthusiastic participation from students across various departments, who presented

projects spanning domains such as Artificial Intelligence, Machine Learning, Web Development, Automation, Data Science, and emerging technologies.

Participants showcased their solutions before a panel of judges, explaining their project objectives, implementation methodologies, technical architecture, and potential impact. The evaluation process focused on innovation, technical depth, practicality, presentation skills, and overall project execution.

Throughout the day, students engaged in meaningful discussions with judges and peers, gaining valuable insights into industry expectations and project development practices. The event provided an excellent opportunity for participants to refine their ideas and receive constructive feedback.

Transforming ideas into impactful solutions! Our students confidently present their innovative projects, showcasing creativity, technical expertise, and a passion for solving real-world challenges.

Unveiling the Second Edition of MetaMinds.Here's to another edition filled with inspiration, learning, and groundbreaking ideas.

Outcomes and Achievements

Prakalp 2026 successfully promoted innovation and technical excellence among students. Participants demonstrated strong problem-solving abilities and a keen understanding of emerging technologies. The competition also encouraged interdisciplinary collaboration and enhanced participants' confidence in presenting technical solutions.The event strengthened the culture of project-based learning within the institution and inspired students to pursue impactful technological innovations.

Prakalp 2026 was a successful and enriching experience for all participants, judges, and organizers. The event highlighted the creativity, dedication, and technical capabilities of students while providing a valuable platform for learning and growth. DJS CodeAI remains committed to fostering innovation and creating opportunities that empower students to excel in the field of technology.

Project Engagement Report – ASPIRA Consulting Project (TAT)

Introduction

As part of its commitment to bridging the gap between academia and industry, DJS CodeAI collaborated with **ASPIRA** over the course of the academic year by providing technical consultation and software development support. The collaboration focused on understanding real-world operational challenges and developing technology-driven solutions to improve organizational efficiency.

One of the key initiatives undertaken during this engagement was the **TAT (Turn Around Time)** project, aimed at optimizing business processes and reducing operational turnaround times through intelligent system design and automation.

Project Overview

Organization: ASPIRA

Project Name: TAT (Turn Around Time)

Duration: Semester 6

The project involved continuous interaction with the ASPIRA team to understand existing workflows, identify process bottlenecks, and propose technology-driven improvements. Team members participated in regular discussions, requirement gathering sessions, solution design, and iterative development to ensure the proposed system aligned with organizational needs.

Objectives

- Analyze existing operational workflows and identify inefficiencies.
- Develop a solution to improve Turn Around Time (TAT) across business processes.
- Provide technical consultation and recommend scalable software solutions.
- Apply AI and software engineering principles to solve real-world organizational challenges.
- Foster industry collaboration while providing students with hands-on project experience.

Team Members

The project was undertaken by the following members of DJS CodeAI:

- Krishil Parikh
- Krisha Maisheri
- Manav Jobanputra
- Manav Gohil
- Keyush Nisar
- Taitil Chheda

Key Contributions

Throughout the engagement, the team worked closely with ASPIRA to:

- Conduct requirement analysis and understand operational workflows.

- Identify opportunities for process optimization and automation.
- Design and develop the TAT solution based on client requirements.
- Provide technical consultation on system architecture and implementation strategies.
- Continuously refine the solution through discussions, feedback, and iterative improvements.

Outcomes

The ASPIRA collaboration provided team members with valuable exposure to real-world problem-solving, client communication, and software development practices. The project strengthened the team's understanding of industry workflows while demonstrating how Artificial Intelligence and technology can be leveraged to optimize operational efficiency.

The engagement also reinforced DJS CodeAI's vision of applying technical expertise beyond the classroom by delivering meaningful solutions for industry partners.

Conclusion

The ASPIRA TAT project stands as a significant industry collaboration undertaken by DJS CodeAI during the academic year. Through continuous consultation, collaborative development, and practical problem-solving, the team successfully contributed towards building a solution aimed at improving operational Turn Around Time.

The project reflects DJS CodeAI's commitment to innovation, industry engagement, and experiential learning, while equipping its members with invaluable professional experience through direct client interaction and real-world software development.

Project Engagement Report – TSB Booking Website Development

Introduction

As part of DJS CodeAI's commitment to delivering technology-driven solutions for organizations, the team collaborated with **TSB** to design and develop a dedicated **Booking Website**. The project aimed to streamline the organization's booking process by providing a user-friendly, efficient, and accessible online platform for managing bookings and inquiries.

This collaboration allowed team members to work on a real-world client project, applying software development principles while gaining valuable industry experience.

Project Overview

Organization: TSB

Project: Booking Website Development

Duration: Sem 5

Developed By: Djs CodeAI

The project involved understanding the client's booking workflow, gathering functional requirements, designing an intuitive user interface, and developing a responsive web application that simplified the booking process for users while improving operational efficiency for the organization.

Objectives

- Develop a modern and responsive booking platform tailored to the client's requirements.
- Simplify and digitize the existing booking process.
- Create an intuitive user experience with seamless navigation.
- Build a scalable and maintainable web solution for future enhancements.
- Strengthen industry collaboration through the successful delivery of a client-centric software solution.

Team Members

The project was undertaken by the following members of DJS CodeAI:

- Krishil Parikh
- Krisha Maisheri
- Manav Gohil
- Manav Jobanputra

Key Contributions

Throughout the development lifecycle, the team worked closely with TSB to:

- Gather and analyze client requirements.

- Design the website architecture and user interface.
- Develop a responsive and user-friendly booking platform.
- Implement features to streamline booking management and improve accessibility.
- Conduct testing and incorporate client feedback to refine the final product.

Outcomes

The Booking Website successfully digitized and streamlined TSB's booking process, providing users with a more convenient and efficient experience. The project enabled the organization to improve workflow efficiency while establishing an online presence through a modern web application.

For the student team, the engagement offered hands-on experience in client communication, requirement analysis, full-stack web development, iterative design, and software deployment, further strengthening their practical engineering skills.

Conclusion

The TSB Booking Website project represents another successful industry collaboration undertaken by DJS CodeAI. By translating client requirements into a functional and scalable web solution, the team demonstrated its technical capabilities, professionalism, and commitment to delivering impactful technology solutions.

The project reflects DJS CodeAI's mission of empowering students through experiential learning while creating meaningful value for industry partners through innovative software development.

Event Report: Farewell 2026 – DJS AIML Batch of 2026

Date: 10th June, 2026 Time: 11:00 AM – 1:00 PM
Organisers: DJS CodeAI
Audience: Final Year B.Tech Artificial Intelligence & Machine Learning Students (Batch of 2026), Faculty Members, and Third-Year AIML Students
Registrations/Attendance: Approximately 50 Students and Faculty Members

Introduction / Objective

The Farewell 2026 was organized by DJS CodeAI to celebrate and honor the graduating Batch of 2026 from the Department of Artificial Intelligence & Machine Learning. The event aimed to create a memorable send-off for the final-year students by bringing together juniors, seniors, and faculty members through heartfelt speeches, engaging activities, memorable performances, and thoughtful gestures of appreciation.

The farewell served as an opportunity to recognize the achievements of the graduating students while strengthening the bond between different batches of the AIML department. Through interactive games, personalized gifts, music, and shared memories, the event reflected the spirit of friendship, gratitude, and togetherness that defines the department.

Event Overview

The event commenced with a warm welcome by the student hosts from DJS CodeAI, who introduced the purpose of the farewell and welcomed the graduating Batch of 2026, faculty members, and fellow students. The hosts highlighted the significance of celebrating not only academic accomplishments but also the friendships, experiences, and memories built throughout the engineering journey.

The inaugural address was delivered by the Head of the Department, Dr. Aruna Gawde, who shared inspiring words with the graduating students. She reflected on their journey through the AIML department, appreciated their perseverance and achievements, and encouraged them to embrace future opportunities with confidence, integrity, and continuous learning. Her heartfelt message motivated the students while reminding them that they would always remain a part of the DJS AIML family.

Following the address, the event transitioned into a series of interactive activities designed to encourage participation, laughter, and nostalgic conversations among the graduating students.

Students and faculty members attending the Farewell 2026 celebration organized by DJS CodeAI.

The warm and enthusiastic response from both students and faculty members set a positive tone for the celebration. The seminar hall was filled with excitement as everyone gathered to celebrate the achievements and memories of the graduating Batch of 2026. The presence of faculty members alongside juniors and seniors highlighted the close-knit culture of the AIML department and contributed to the welcoming atmosphere of the event.

Interactive Games & Student Engagement

One of the highlights of the farewell was the collection of interactive games organized by the third-year students. The first activity, "Who is Most Likely To?", invited students to nominate their classmates for humorous and relatable situations based on their personalities and memorable college moments. The activity created a lively atmosphere filled with laughter and friendly banter.

This was followed by "Guess Who?", where students identified classmates based on clues and shared memories, allowing everyone to reminisce about the experiences they had shared over the four years.

The final activity, "Spin the Wheel," added an element of excitement as participants completed fun challenges, answered questions, and shared memorable stories about their college journey. These games encouraged interaction between juniors and seniors while creating lasting memories for everyone present.

Several graduating students also came forward to share their experiences on stage, expressing gratitude towards their classmates, juniors, and faculty members. Their speeches reflected the strong bonds they had built throughout their academic journey and inspired the junior students.

Prakalp 2026 Certificate Distribution

As part of the celebration, the winners of Prakalp 2026 were felicitated for their outstanding project work and innovative contributions. Certificates were presented to the three winning teams in the presence of faculty

members and fellow students.

The recognition ceremony celebrated the dedication, creativity, and technical excellence demonstrated by the students during their final-year projects and served as an inspiration for the junior batches to pursue innovation and research.



Winning team receiving the Prakalp 2026 certificate for their outstanding project contribution.

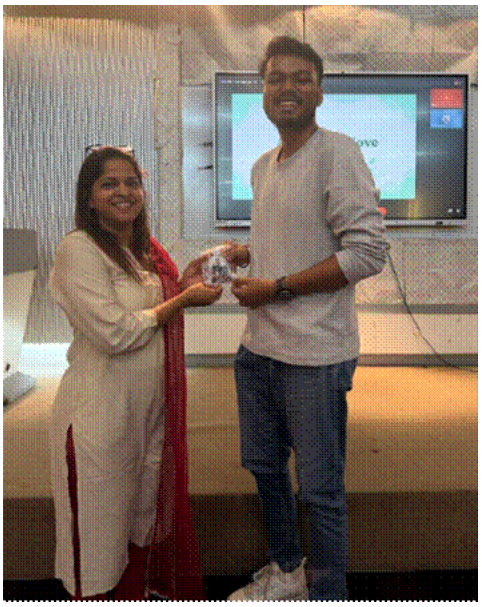
The winning team's innovative work received widespread appreciation from the audience. Their achievement reflected the dedication, teamwork, and technical expertise demonstrated throughout the Prakalp initiative. The runner-up teams were equally applauded for their creativity and problem-solving abilities. Their projects showcased the high standard of innovation and practical application achieved by the graduating batch. The certificate distribution ceremony concluded with applause from students and faculty members, recognizing the efforts invested by all participating teams. The ceremony celebrated not only academic excellence but also the spirit of innovation and collaboration that defines the AIML department.

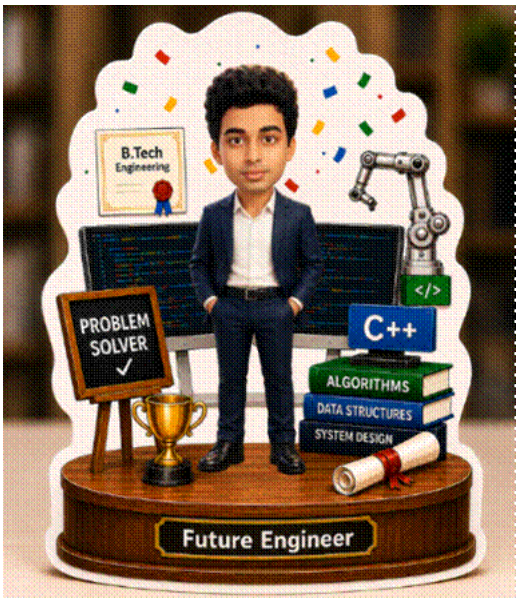
A Token of Love

One of the most emotional moments of the farewell was the presentation of personalized gifts by the third-year students.

As a heartfelt token of appreciation, customized doodle standees were prepared for the graduating students. Each standee reflected the individuality and personality of its recipient, symbolizing the memories, friendships, and admiration shared between the juniors and seniors.

The thoughtful gesture was warmly received by the graduating batch and became one of the most memorable highlights of the event.





Personalized doodle standees being presented as a heartfelt token of love from the third-year AIML students to the graduating Batch of 2026.

The presentation of these personalized gifts became one of the most emotional moments of the farewell. The graduating students expressed their gratitude towards the juniors for investing their time and creativity in preparing such meaningful souvenirs, making the occasion even more memorable.Each doodle standee was uniquely designed to represent the recipient's personality, interests, and journey throughout engineering. The personalized keepsakes reflected the strong bond shared between the junior and senior batches and will remain a cherished reminder of their time at DJS AIML.

Cake Cutting Ceremony

The celebration continued with the farewell cake-cutting ceremony, symbolizing the successful completion of one chapter and the beginning of another in the lives of the graduating students.

Faculty members, juniors, and seniors gathered together to celebrate the occasion, sharing joyful moments while wishing the graduating batch success and happiness in their future endeavors.

Musical Performance

Adding to the emotional atmosphere, Professor Vipul delivered a special musical performance dedicated to the graduating Batch of 2026.

The performance quickly became one of the most cherished moments of the event, with seniors, juniors, and faculty members joining together in singing and enjoying the music. The shared performance beautifully reflected the close-knit culture of the AIML department and created memories that will be remembered for years to come.

Memory Scrapbook

A dedicated scrapbook was prepared by the organizing team as a keepsake for the graduating students.

The graduating batch enthusiastically contributed handwritten messages, heartfelt wishes, signatures, drawings, and stickers, transforming the scrapbook into a collection of personal memories and emotions. This memory book will serve as a lasting reminder of their time at DJS AIML and the friendships they built throughout their college journey.

The Farewell Memory Scrapbook prepared for the graduating batch to preserve heartfelt messages, wishes, and memories from juniors and faculty members.

The scrapbook quickly became a favorite attraction among the graduating students. Every handwritten message, sketch, and heartfelt note represented the friendships and experiences built over four memorable years, ensuring that these moments would be preserved long after graduation.

Group Photograph

The event concluded with a group photograph featuring the graduating students, junior organizers, faculty members, and the Head of the Department.

The photograph captured the collective spirit of the AIML family and marked the successful conclusion of a memorable farewell celebration.

Faculty members and graduating students coming together for a memorable group photograph at the conclusion of Farewell 2026.

The group photograph marked the culmination of the farewell celebrations, bringing together students, faculty members, and organizers in a single frame. It beautifully captured the strong relationships, shared achievements, and lasting memories created throughout the event.

Participation & Engagement

The farewell witnessed enthusiastic participation from both graduating and junior students, along with active involvement from faculty members. Throughout the event, the atmosphere remained vibrant, emotional, and filled with laughter.

The combination of inspirational speeches, student interactions, games, musical performances, personalized gifts, and shared memories ensured that every participant felt connected to the celebration. The event successfully fostered stronger relationships between different batches while creating a memorable farewell experience for the graduating students.

Conclusion

The Farewell 2026 was a heartfelt celebration that beautifully honored the graduating Batch of 2026 of the Department of Artificial Intelligence & Machine Learning. The event successfully combined appreciation, nostalgia, entertainment, and celebration through inspiring speeches, interactive games, Prakalp certificate distribution, personalized gifts, musical performances, cake cutting, and the creation of lasting memories through the farewell scrapbook.

Department of Artificial Intelligence and Machine Learning

AI Mentees Program — DJS CodeAI: Consolidated Summary of Session Reports

The AI Mentees Program conducted under **DJS CodeAI** was designed to enhance students' technical skills, professional development, and industry readiness through a structured learning journey. Across twelve sessions conducted from **September 2025 to April 2026**, mentees progressed from professional skill development and Python fundamentals to advanced Machine Learning concepts, including supervised learning algorithms such as Linear Regression, Logistic Regression, Naive Bayes, Support Vector Machines, ensemble learning, dimensionality reduction, and clustering techniques. The program began with foundational sessions focusing on LinkedIn profile optimization, Git/GitHub practices, Python programming concepts, data structures, object-oriented programming, and exploratory data analysis using platforms such as Kaggle.

The core ML sessions covered mathematical foundations, model development, optimization techniques, classification algorithms, bias-variance trade-offs, regularization methods, ensemble approaches, PCA, and clustering algorithms. In addition to theoretical learning, the program provided valuable industry exposure through two hands-on engagements with **Aspira Labs (a diagnostic laboratory)**, where students studied real-world operational workflows, including patient registration, sample handling, and reporting processes.

During these sessions, mentees identified practical challenges such as manual data entry, transcription errors, duplicate records, delayed error detection, and sample tracking issues, and proposed AI/OCR-based automation solutions. The program encouraged practical problem-solving, application-oriented learning, and industry interaction.

Overall, the sessions demonstrated that activity-based learning, hands-on assignments, and real-world client exposure resulted in higher student engagement compared to theory-focused sessions. The AI Mentees Program successfully bridged the gap between academic concepts and industry applications by enabling students to apply AI/ML techniques to solve real-world problems.

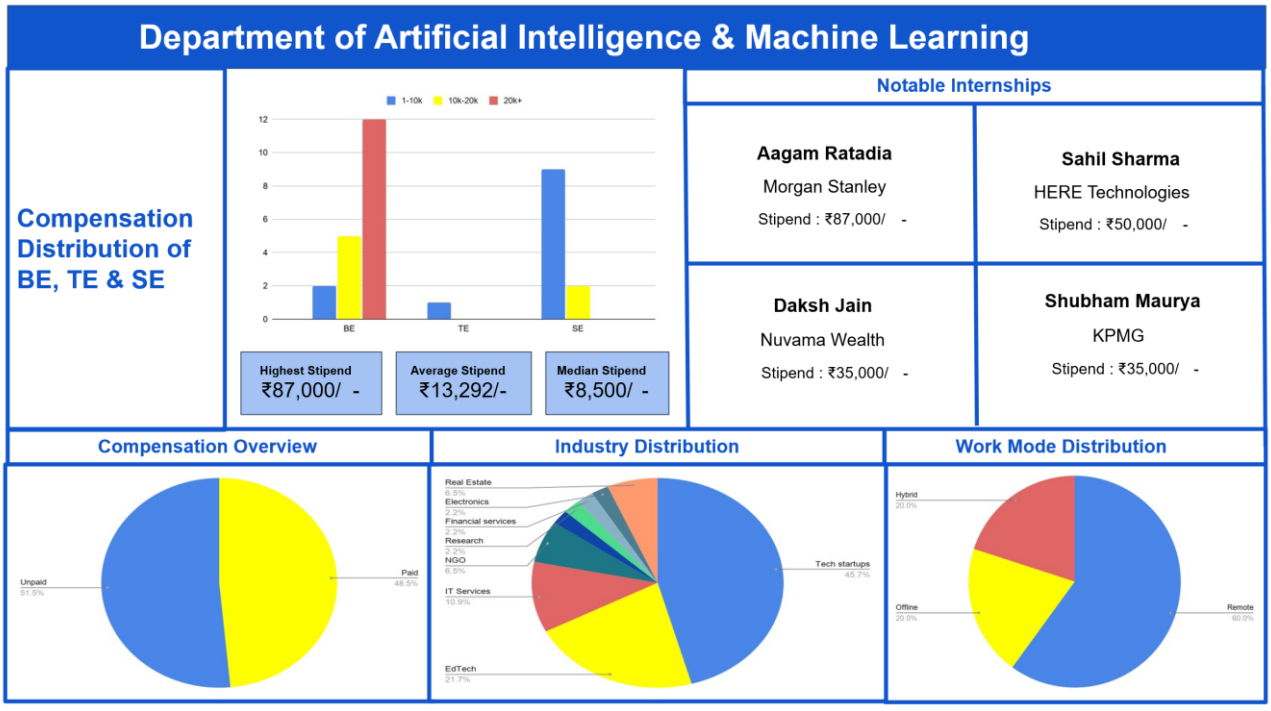
Department of Artificial Intelligence and Machine Learning

STUDENTS INTERNSHIP

Sr No	Student Name	Company Name	Stipend
1	VINIT SOLANKI	IDFY	₹ 25,000
2	MOHAMMED	IDFY	₹ 25,000
3	AZLAN KHAWA	Coderound AI	₹ 20,000
4	DAKSH JAIN	Nuvama Wealth	₹ 35,000
5	SHUBHAM MO	KPMG	₹ 35,000
6	AAGAM RATAD	Morgan Stanley	₹ 87,000
7	VRAJ PARIKH	IBDIC	₹ 20,000
8	MEGHANSH VO	Navigate AIF	₹ 35,000
9	SAHIL SHARMA	HERE Technologies	₹ 50,000
10	JAIVIN SHAH	HyperVerge	₹ 35,000
11	KRISH SHAH	Coderound AI	₹ 20,000
12	KRISH BHIMA	XO Builders	₹ 25,000
13	KANISHK SHRO	Milton Hosiery Inn.	₹ 35,000
14	YASH LORIYA	Bajaj Broker	₹ 25,000
15	ZAHID SAYYED	Quantal AI	₹ 15,000
16	PARTH GAGLANI	Vanguard	₹ 16,000
17	ATHARVA SURVE	Alwrite	₹ 10,000
18	YASH LORIYA	Infiheal	₹ 23,000
19	ROHAN PATIL	Galaxy Home Autom.	₹ 7,500
20	VANSH VISARIYA	EY	₹ 21,200
21	MANUSHRI BHUYAN	EY	₹ 21,200
22	KOYNA DINABANDHU KARMAKAR	Neenv Financial Technologies	Unpaid
23	Yuv Mukhi	Reliance Jio	₹ 10,000
24	MAITRI DOSHI	Frappe	Performance based
25	ABDULQADAR MANASAWALA	Uptoskills	₹ 18,000
26	GAURAV MORE	Eduskills	Unpaid
27	HEET NEYGANDHI	Raj Computer Academy	₹ 3,000
28	JUEE SHIMPI	ZootechX	Unpaid
29	KAVYA CHAUHAN	Future Intern	Unpaid
30	KRIPA SHAH	ZootechX	Unpaid
31	LABDHI SHAH	ESDS Software Solutions	Unpaid
32	MANUSHRI BHUYAN	EY	Unpaid
33	NIKSHAAN SHETTY	Mentoria	₹ 10,000
34	RAHI DOSHI	Kaksha.ai	₹ 5,000
35	SAHIL BEHERA	Zarurat Care Foundation	Unpaid
36	SONAL DHONDE	InAmigos Foundation	Unpaid
37	YASH POOJARI	Cogniify	₹ 7,000
38	AADIT SANJAY SHAH	ZILO	₹ 15,000

Department of Artificial Intelligence and Machine Learning

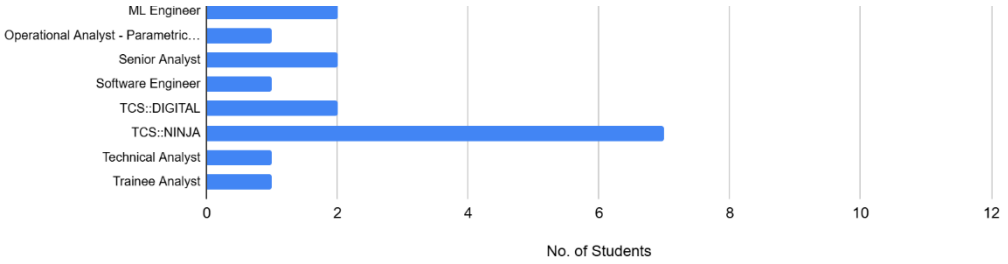
39	BHAVYA MUKESH GOYAL	LEXSI LABS	₹ 35,000
40	DEEP KAUSHIK MEHTA	Akshay Investments	Unpaid
41	SAMIT SANDIP KASHYAP	Sedha Consulting	Unpaid
42	SHALIN PREMAL SHAH	AIVC Talent LLC	₹ 63,000
43	SHUBHAM RAJESH CHOULKAR	AIVC Talent LLC	₹ 63,000
44	SOHAM SANDIP PURAO	Kennect Technologies	₹ 14,000
45	VRUDDHI HITESH ZAVERI	Enliten IT India Pvt Ltd	₹ 15,000
46	YUV JITEN MUKHI	Deloitte	₹ 20,000
47	RAJESH MOTIBHAI RAJGOR	Productica AI	Unpaid
48	MIDHAT ANSARI	The Innovation Story	₹ 10,000

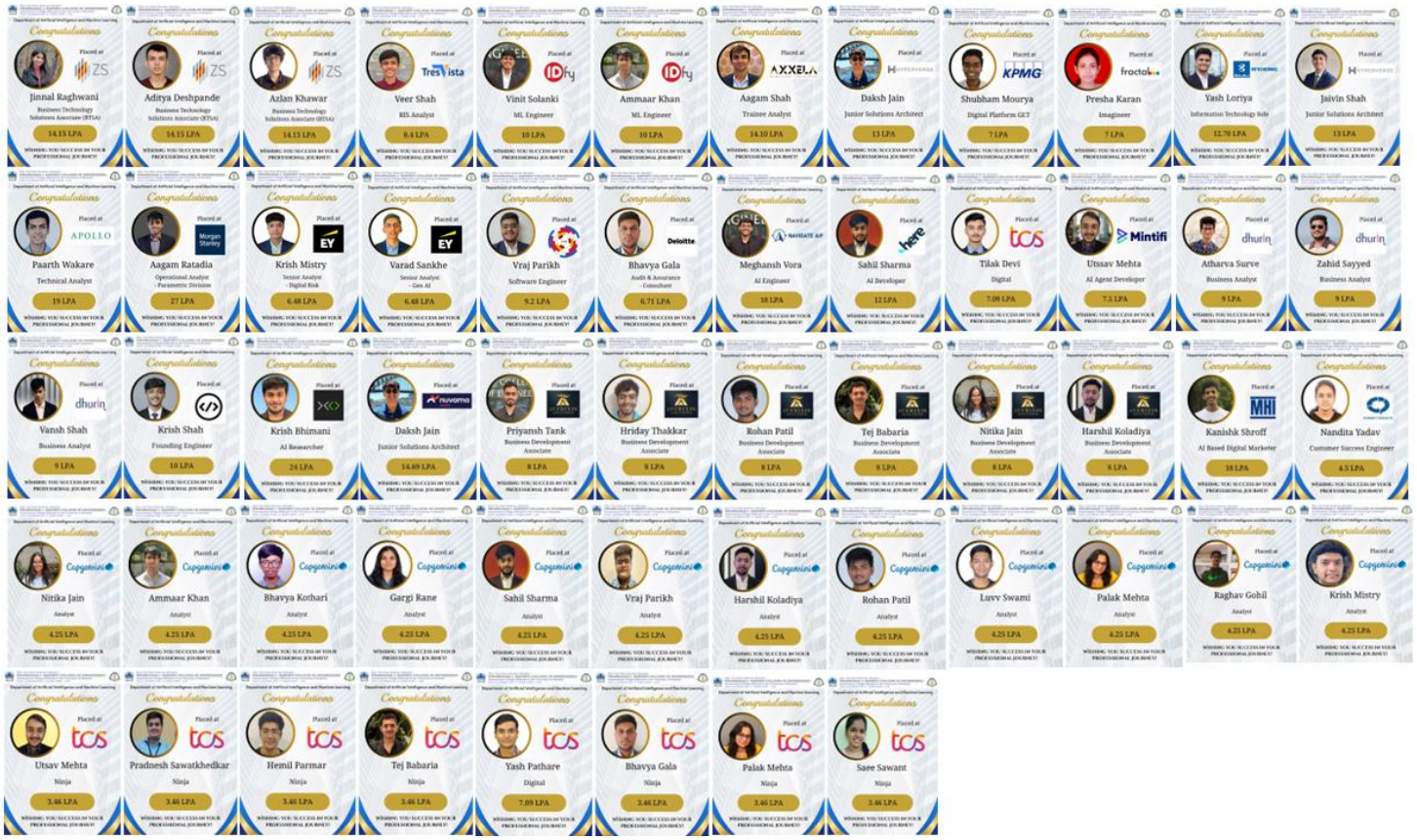


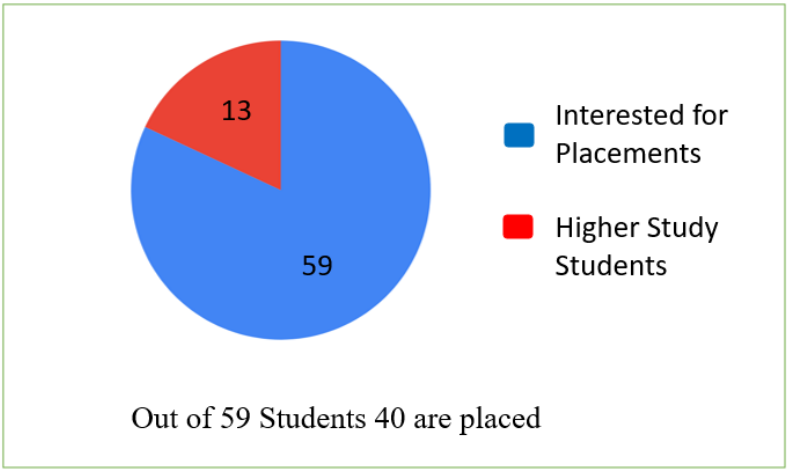
BATCH 2025 PLACEMENTS AND HIGHER STUDY RECORDS

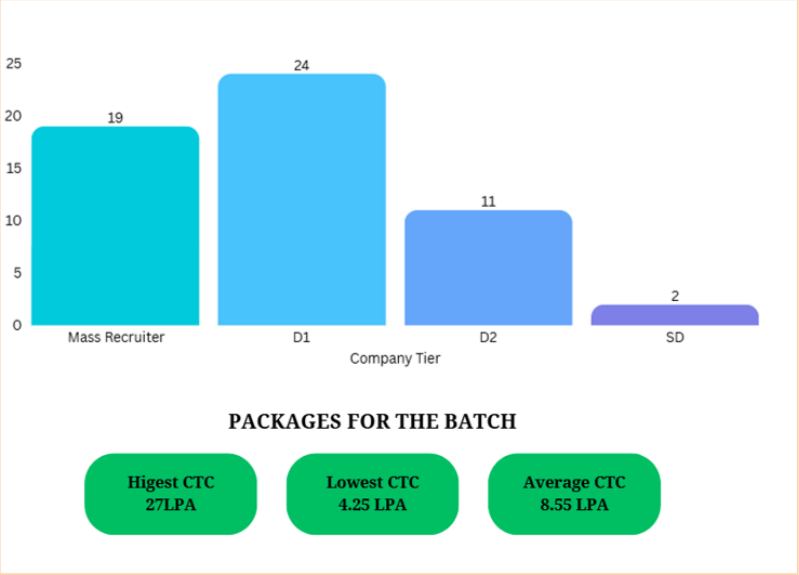
Department of Artificial Intelligence and Machine Learning

Placement Details of 2025-26






13
59
Interested for Placements
Higher Study Students
Out of 59 Students 40 are placed


25
20
15
10
5
0
19
24
11
2
Mass Recruiter
D1
D2
SD
Company Tier
PACKAGES FOR THE BATCH
Higest CTC 27LPA
Lowest CTC 4.25 LPA
Average CTC 8.55 LPA

Department of Artificial Intelligence and Machine Learning

Placements Records

Sr. No.	Name of the Company	Number of Offers	CTC (LPA)
1	Apollo	1	19
2	Averixis	6	8
3	Axxela	1	14.1
4	Bajaj Broker	1	12.7
5	Capgemini	12	4.25
6	Coderound AI	1	10
7	Datacurate Technology	1	6.5
8	Deloitte	1	6.71
9	Dhurin	3	9
10	EY	2	6.48
11	Fractal Analytics	1	7
12	HERE Technologies	1	12
13	HyperVerge	1	13
14	IBDIC	1	9.2
15	IDFY	2	10
16	Konnect Insights	1	4
17	KPMG	1	7
18	Milton Hosiery Inndustry	1	18
19	Mintifi	1	7.5
20	Morgan Stanley	1	27
21	Navigate AIF	1	18
22	Nuvama Wealth	1	14.69
23	TCS::Digital	2	7.09
24	TCS::Ninja	7	3.46
25	TresVista	1	8.4
26	XO Builders	1	24
27	ZS	3	14.15

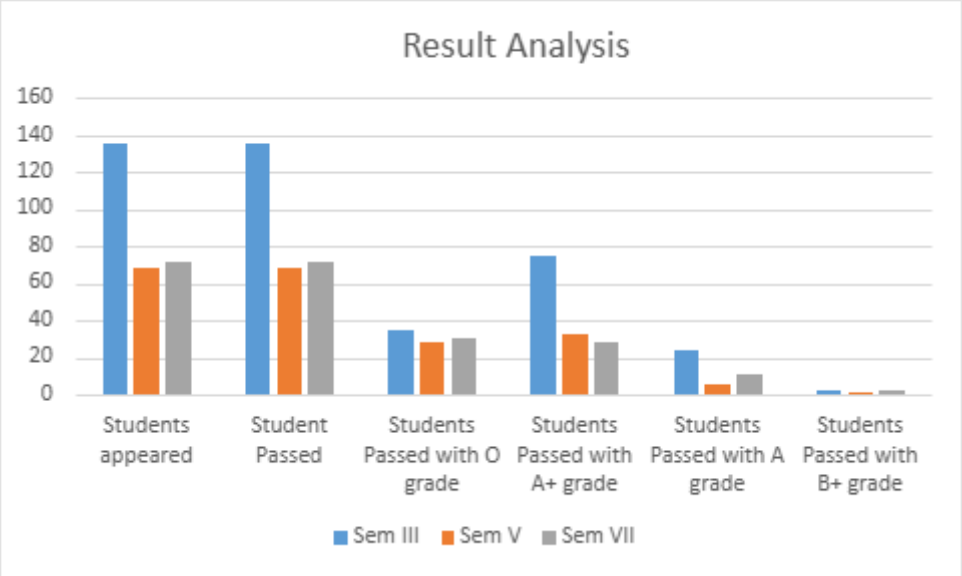
Department of Artificial Intelligence and Machine Learning

Higher Studies Details of 2025-26

University Admission Offers Received

Department of Artificial Intelligence and Machine Learning

RESULT ANALYSIS



Sem III Toppers		
Sr. No	**Name of Student**	**SGPA**
1	Royston Soans	9.75
2	Munshi Vedansh	9.6
3	Sahana Nayak	9.55
3	Doshi Rahi	9.55

Sem V Toppers		
Sr. No	**Name of Student**	**SGPA**
1	Aashi Palrecha	9.91
2	Kirti Nayak	9.91
3	Ansari Midhat	9.86

Sem VII Toppers		
Sr. No	**Name of Student**	**SGPA**
1	Vinit Solanki	9.9
2	Raghwani Jinnal	9.85
3	Rasika Adiseshan	9.65