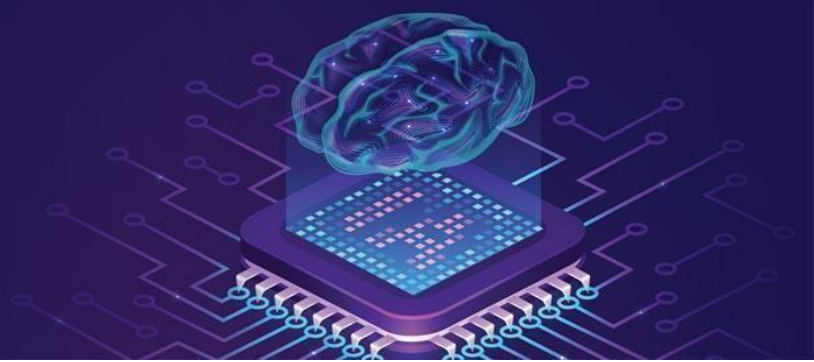




DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE Jan-June 2026

Department of Artificial Intelligence and Data Science came into inception in the year 2021 with an approved intake of 60 students. The department spreads over basement, first, second, third & fourth floor of the college campus which accommodates 3 class rooms and an equipped laboratory. The entire laboratory area is modularized into 5 software laboratories consisting of 158 computers with Internet connectivity, two hardware laboratory and 10 printers. All the labs and faculty rooms are air-conditioned with the UPS back up.

The programme of Bachelor of Engineering in Artificial Intelligence and Data Science is being conducted in accordance to the course curriculum prescribed by University of Mumbai. We have an academically strong team of 5 faculty members and 1 non-teaching staff in tandem with an equally well-equipped library.

The college management has always encouraged the student fraternity by announcing scholarships and cash awards for meritorious students. They are also encouraged to join professional bodies for creating an awareness of the latest developments in their field of interest.

The department of Artificial Intelligence and Data Science has been in the fore front in organizing cultural and technical events both at intra and inters collegiate levels. Shaping industry compliant engineers has always been the primary objective of the department and hence Industrial visits and Seminars by industry eminent personalities is treated as a part of curriculum.

Vision and Mission of AI&DS Department

VISION

To provide quality Education in the field of Artificial Intelligence and Data Science to provide sustainable solution for the society

MISSION

- To impart quality Education to meet the challenges in the field of Artificial Intelligence and Data Science.
- To inculcate modern technology usage to fulfil the needs of the society.
- To nurture lifelong learning skills to develop professional growth and meet industry expectations

Program Educational Outcomes (PEOs):

- ✓ Apply Artificial Intelligence and Data Science skill to solve challenging and multi-disciplinary domain.
- ✓ Cultivate students for life long learning skill and research to adapt rapidly evolving skill in Artificial Intelligence and Data Science.
- ✓ Inculcate entrepreneurship and leadership skills for professional growth.

Department Activities

Student Development Programs:

- ✓ Workshop on “Machine Learning” by Abhishek Kulkarni was organized on 13th January 2026 for all SE, TE students.
- ✓ An Industrial Expert Talk by Ms. Priyadarshini Chavan was organized on 22nd January 2026 on “Career Guidance” for all Second-Year students.
- ✓ An Expert Talk on “Machine Learning Industry Based Project 4.0” by Mr. Sadiq Shaikh was held on 27th January 2026 for all TE Students.
- ✓ An Expert seminar on “Abroad studies” was conducted on 10th February 2026 by Ms. Neeru VK for all TE students.
- ✓ An Expert Talk on “Engineering behind generative AI: Code to Career” by Mr. Umesh Mahind was held on 11th February 2026 for all TE students.
- ✓ A Workshop on RAG(ACM) by Mr. Akshat Bhargava was organized on 13th February 2026 for all SE and TE students.
- ✓ A Career Guidance Session on “From Students to Industry” by Ms. Kritika Pandey was held on 13th February 2026 for all SE and TE students.
- ✓ An Industrial Expert Session on “Study in New Zealand” by Mr. Sadiq Shaikh was organized on 16th February 2026 for all SE and TE students.
- ✓ A Hands-on Workshop on Cyber security by Mr. Shashi prasad was organized on 17th February 2026 for all SE students.

Program Specific Outcomes (PSOs):

- ✓ To analyze and apply logical and computational methodologies related to Artificial Intelligence and Data Science.
- ✓ Implement Artificial Intelligence and Data Science techniques such as data analysis, machine learning, data mining, neural networks and design efficient algorithms to solve real world problems.

- ✓ PARADOX26, an intercollegiate Hackathon was organized on 5th March 2026.
- ✓ A Hands-On Workshop on Lab to market Entrepreneurial mindset by Dr. Rajesh Jaware was held on 6th March 2026 for all SE students of AIDS and IT departments.
- ✓ An Alumni Expert talk: Foundation of Logical Thinking in Programming was organized on 7th March 2026 by Mr. Aditya Raul for all SE students.
- ✓ An Alumni Expert Talk-Placement Readiness: Building Skills for Your Dream Job was organized by Mr. Salman Adhikari on 7th March 2026 for all TE students.
- ✓ An Expert talk on Engineering Ideas to Entrepreneurial Ventures: Funding & Growth by Mr. Ayuf Akula was organized on 10th March 2026 for all SE students.
- ✓ A Student Development Programme: Profile Building was organized on 18th March 2026 by Ms. Almas Shaikh for all TE students.

An Expert talk on “Build Your Edge” was organized by Mr. Aryan Kyatham on 25th March 2026 for all BE students

Academic/Technical Student Achievement:

Sports:

✓
Eric Michel, Krishang, Johnstin K, Hari Shankar (SE AIDS) secured 2nd Position in Volleyball at the TML College Event held on 16th January 2026.

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- ✓ Eric Michel, Samar Gharat, Shreyash Bhalerao, Soham Mayekar (SE AIDS) secured 1st Position in the 4×100 m Athletics Relay at the TML College Event held on 18th January 2026.
- ✓ Vaishnavi Thorat (SE AIDS) secured Runner-Up position in Badminton Doubles at the NMIMS Kharghar Rabalya Event held on 20th January 2026.
- ✓ Vaishnavi Thorat (SE AIDS) secured 1st Place (Winner) in 100m Race at the NMIMS Kharghar Prabalya Event held on 21st January 2026.
- ✓ Eric Michel, (SE AIDS) secured 1st Place in the Volleyball Tournament held at VIT on 20th February 2026.
- ✓ Kanishka Jadhav - TE AI/DS & Samiksha Dhole - TE AI/DS Runner Ups at National Fix The Product Competition, organised by BITS Pilani, Goa on 22 February 2026.
- ✓ We are proud to share a historic achievement for our institution. For the first time in the 94-year history of SIES, our volleyball team has secured 1st place in the Volleyball Tournament, competing among 64 colleges. This remarkable victory marks a significant milestone and brings great honour to our college. It is also a crowning moment for SIES GST, as this is the first such achievement in SIES GST history. Prize distribution on 01/03/2026.



- ✓ Eric Michel, secured 1st Place in the Volleyball Tournament organized by KJ Somaiya on 8th March 2026.
- ✓ Eric Michael – SE AIDS, The Boys Volleyball Team of SIES GST secured 1st position at Enertia, the sports event held at

Thakur College of Engineering, Kandivali, on 12th March 2026.

- ✓ Mayank, Hari Shanker, Krishang, Johnston, Eric Michael, and Jaisibi of SE AIDS class for securing 1st Place in the Open Volleyball Tournament held at Amrita Vidyalaya on 06 April 2026.
- ✓ Vaishnavi Thorat SE AIDS athletics team for securing Second Place in the 4 × 100 m relay event at the sports competition held at IIT Bombay on 06 April 2026.



Cultural:

- ✓ Moksh Dance Crew has achieved an incredible milestone by securing 18 wins in Inter college Group Dance Competitions across various esteemed institutions: 1st Positions: * SIES Commerce (Siesons) * SBS * ICT * MP Shah * AC Patil * Dr. BMN * KC College * SIDT College * NIFT 1st Runner up: * Amity University * Agnel School of Law * Bharati Vidyapeeth (Management) * Bharati Vidyapeeth (Engineering) * Bharati Vidyapeeth (Deemed) * Saraswati College * VJTI * Tata Institute of Social Sciences 2nd Runner-Up: * SNDT College Team Moksh: Anuja Parate (TE AIDS) Isha Salvi (TE AIDS) A S Lakshanya (TE AIDS) Manisha Nadar (SE AIDS) on 2nd March 2026.



Technical:

- ✓ Aarya Varsolkar (123A8060) & Mitesh Naik (123A8037) — Appreciation Prize Winners at the Anveshana State Level Project Presentation Competition (Gujarat & Maharashtra), held on 7–8 January 2026.
- ✓ Mitesh Naik and Aarya Varsolkar secured 7th Position at the Anveshana State Level Competition on 08 Jan 2026.



- ✓ Rohit Swami & Tushar Patil (SE AIDS), Finalist at Bulid & Grow Mumbai AI Hackthon 2.0 held on 25 January, 2026.
- ✓ Spundan Bhagat & Renu Khade (BE AIDS) ByteTrace Secured Third Prize in the Project Competition at Alegria 2026, a national-level inter-collegiate project competition organized by Pillai on 05th Feb 2026.
- ✓ Aarya Varsolkar (123A8060) & Mitesh Naik (123A8037) — Top 12 Finalists at the Abhirva – International Business Level Project Presentation Competition, hosted by NMIMS College, held on 6–7 March 2026.
- ✓ Krisha Poojari (SE AIDS), Rohit Swami (SE AIDS), Nandini Pilane (SE AIDS), Team name is Finmanage for securing 1st prize in Bizence'26, E-CELL's flagship Startup Simulation Competition held on 7th March 2026 at SIES Graduate School of Technology.
- ✓ Atharva Sawant- BE AIDS & Swaraj Darekar- BE AIDS team name is Finmanage for securing 3rd prize in Bizence'26, E-CELL's flagship Startup Simulation Competition held on 7th March 2026 at SIES Graduate School of Technology.



- ✓ Sri Muthu Lakshmanan RK (SE AIDS), Shravani Talekar (SE AIDS), Niharika Singh (SE AIDS), Shubham Singh (SE AIDS) Team Nitrix with Blue Cred Blockchain based Carbon registry Grand Finalist at Loop 1.0 (National Level Hackathon) held on 11th and 12th March at Bharthi Vidyapeeth Engineering College.
- ✓ Ms. Mayuri Gade SE-AIDS 2nd Runner up in 24hr Hackathon HackStomp organized by Universal college of Engineering, Vasai on 14 March 2026 .

- ✓ Team Dev-Bappa, Atharva Sawant- BE AIDS & Swaraj Darekar- BE AIDS secured 1st position at TechSagar '26 National Level AI Hackathon organised at YTIET on 23 & 24 March 2026
- ✓ Mitesh Naik, Shruti S & Aarya Varsolkar (Team Wildsight) for securing Special Mention Price at Innovations 2026 on 28 March 2026.



- ✓ Samiksha Dhole, Sarang Patil, Inesh Koparkar for securing 2nd Runner Up at Innovation 2026 for securing Special Mention Price at Innovations 2026 on 28 March 2026.
- ✓ Technovate CTF 2026 Conducted at SIES GST on 3 April 2026. The outstanding performers are Shruti S. , Aditya Jaiswal , Omar Ovias (TE AIDS).
- ✓ Technovate CTF 2026 Conducted at SIES GST on 3 April 2026. Our department's teams in the Top 10: (TE AIDS)
 CapturedTheFlag (4th) — Ashwin Kumar, Aditya Jaiswal, Omer Ovias, Ishan Mishra & team
 CtrlFreaks (5th) — Ishita Raikar, Sakshi Podhade, Isha Salvi & team
 Touch Grass Later (6th) — Santusht Joshi, Shubhashri Sriram, Shruti Subramanian, Sujit Shiravle. Top Individual Players – Technovate CTF 2026: Aditya Jaiswal, Omer Ovias.
- ✓ Team BrewtForce (TE AIDS) on securing the Runner-Up Position in the Project Presentation Competition organized by Thakur College of Engineering on 11 April 2026. Team Members: Mitesh Naik, Shruti Subramaniam, Shubhashri Sriram , Chinmay Rane.
- ✓ Lokesh T, Harsh B, Atharva S, and Ayush SE AIDS for securing 3rd Place in Quantum Hacks organized by Rkdemy Oon 11 April 2026.
- ✓ Tabsir Shaikh (SE AIDS), Rudrapratap Sahoo (SE AIDS) Team Name-SuperNova Project-SafestStreets

Runner up at Samved Hackathon (15, 16 April) at MIT Vishwapravag University, Solapur.



- ✓ Sri Muthu Lakshmanan RK (SE AIDS):
Team Name: Team Lazarus with Project:
Lazarus API Sentinel Endpoint Grand
Finalist at VishwaNova (National Level
Hackathon) held on 16th April at MIT WPU
(Pune).



- ✓ Ishita Raikar(TE AIDS) for securing 1st
- ✓ Dr. Rizwana S presented a paper titled “VolLite: An Evidence-Linked Framework for Windows Memory Triage.”
- ✓ Dr.Rizwana S participated in an FDP session on AI in Teaching and Learning at Thakur College, completed an NPTEL course on Quantum Computing, and served as a BOS member of Vasandada College.
- ✓ Dr.Rizwana S participated in live projects involving the development of a real-time GPS tracking system using various sensors. She was also involved in consultancy projects related to the development of an AI chatbot, PC application, mobile application and virtual cloud solutions.
- ✓ Prof. Rohini Gaikwad presented a paper titled “LabsKraft: A Scalable, API-Gateway-Driven Serverless Architecture for Cloud Laboratory Delivery, and Browser-Native Proctored Assessment.”Completed NPTEL course on Quantum Computing.
- ✓ Prof. Deepali Jagtap contributed three research works: “MediCore AI Conversational Care Intelligence for Faster, Safer Decisions Across the Patient Journey,” which is in process; “Physics-Informed Simulation Meets Ensemble Learning: F1 Cadlyze for Automated Formula One Aerodynamic Design Intelligence,” which has been accepted; and “IntelliLearn: A Unified AI-

Prize in the UI/UX Competition conducted as part of PIXEL 2026 on 22 April 2026, held at SIES College of Management Studies.

Paper Presentation:

- ✓ Aarya Varsolkar (123A8060) & Mitesh Naik (123A8037) — Top 40 and Sujith Shirvale — Selected in Top 30 at the Techxter – National Level Paper Presentation Competition, held on 13 March 2026 .

Seminar and workshops Attended by faculty:

- ✓ Dr. Rizwana Siddiqui conducted “Five-Day Faculty Development Programme (FDP) on “AI-Enabled Teaching under NEP 2020: OBE, Innovative Pedagogies & Ethical Analytics”, scheduled from 12–16 January 2026.
- ✓ Organised one day FDP on Agentic AI, Hands on Approach on 27th February 2026.

Powered Adaptive Learning Platform with Integrated Knowledge Graphs, RAG-Based Tutoring, and Layered Modular Architecture.” Completed NPTEL course on Quantum Computing.

- ✓ Prof. Megha Jain contributed three research works: “Reeltrip: A Unified AI-Powered Travel Itinerary Platform with Multimodal Video Parsing, Geospatial Data Extraction, and Layered Modular Architecture,” “DigiGuide: An On-Device Framework for Digital Addiction Risk Assessment and Intervention,” and “GestureNote: AI-Based Gesture-Controlled Remote System,” with the listed works currently in process. Completed an NPTEL course on Introduction to Machine Learning.

- ✓ Prof. Shiney Varghese contributed a research work titled “Security Mongul: An AI-Driven Multi-Layer Static Code Analysis Framework with LLM-Assisted Vulnerability Discovery,” which is in process for the CMSS 2026 IEEE Conference. Completed an NPTEL course on Reinforcement Learning.

- ✓ Dr. Neethu Anna Sabu presented two papers titled “An Integrated Deep Learning Framework for Real-Time Crowd Surveillance with Density Estimation” and “Fire-Smoke Detection, and Anomaly Analysis & Detection-Guided Multimodal Grocery Recognition.”

✓ Dr. Neethu Anna Sabu conducted a 5-day online FDP on AI Tools for Research, Publishing & Analytics.

✓ Dr. Vidya Keshwani presented two papers titled “AI-Powered Real-Time Pedestrian Detection and Driver Alert System” and “AquaSense: An Intelligent IoT-ANFIS Framework for Marine Net Pen Site Selection and Continuous Environmental Monitoring.” Completed NPTEL courses on Quantum Computing and Social Networks.

✓ Prof. Darshana W presented a paper titled “Enhancing MOOC Platforms Through Learner-Centric Insights Using Natural Language Processing and Machine Learning.” Completed NPTEL course on Quantum Computing.

✓ Prof. Krishna Kartika presented a research paper titled “2D Metaverse – A Virtual Campus with AI-Powered Note Retrieval.” Completed NPTEL course on Quantum Computing.

✓ Prof. Akshay Jadhav published a journal paper titled “Enhanced High-Voltage Power Line Insulator and Contamination Classification Using Score-Level Fusion.” He also presented two papers titled “AdWise: An Intelligent Geospatial Analytics Framework for Billboard Selection and Dynamic Pricing” and “DashWise: A Semantic-First Conversational Analytics Framework for Deterministic and Explainable Business Intelligence.” Completed an NPTEL course on Big Data Computing.

