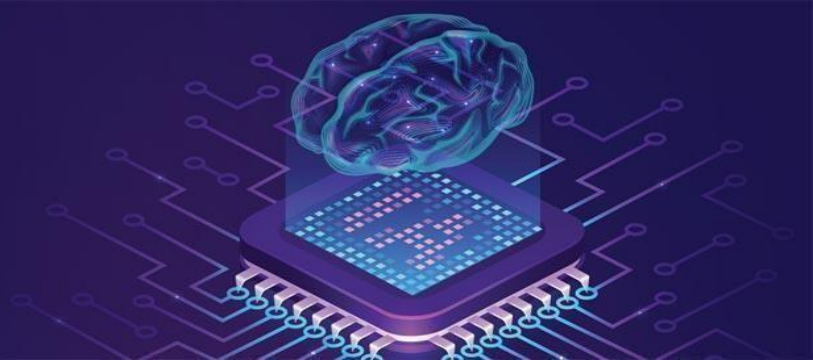




DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE June-Dec 2025

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:

- ✓ Expert talk on Bridging AI with Robotics: Opportunities, Challenges, and Pathways for Innovation by e-yantra LAB Coordinators IIT B was conducted on 12th September 2025 for all Third and Final year students.
- ✓ Expert Lecture on career opportunity with machine learning, data science and finance in banking or finance sector by Mr. Aum Parekh was organized on 18th September 2025 for Final year students.
- ✓ Expert Talk on Hardware for deploying ML Algorithms by Mr. Keyur Kulkarni was conducted on 22nd September 2025 for Second year students.
- ✓ Expert Talk on Technology Challenges in India and India emerging globally as hub for Technology by Mr. Manmohan Panicker was organized on 23rd September 2025 for Second year students.
- ✓ An Industrial Visit to e-yantra LAB Coordinators IIT B on 24th September 2025 for the Second and Third year students.
- ✓ Expert Talk on LLM and Advance RAG System by Dr. Pranita Mahajan was organized on 25th September 2025 for third and Final year students.
- ✓ Expert talk on DSA Placement Power Session by Mr. Sanket Sondawale & Mr. Kailash Sharma was organized on 25th September 2025 for all the students of SIESGST.
- ✓ Expert Talk on Exploring AI/ML and Cognitive Computing Through the IBM Story by Mr. Sherry George was conducted on 26th September 2025 for the students of Final year.
- ✓ An Industrial Visit to Drone & Robotics Technology Set Up on 26th September 2025 for the

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

- ✓ Second and Third year students.
- ✓ Workshop on Blockchain Technology by Mr. Chinmay Chandak was organized on 29th September 2025 for Second and Third year Students.
- ✓ VAC on Block Chain Technologies was conducted in the month of July 2025 for all Second year by Dr. Rizwana Shaikh, Prof. Deepali Jagtap and Dr. Neethu Anna Sabu along with Industry Resource person Mr. Chinmay Chandak.
- ✓ VAC on AWS on DevOps was conducted by Prof. Akshay Jadhav, Prof. Rohini Gaikwad and Prof. Darshana Wajekar from 8th Dec to 12th Dec 2025. Mr. Gandhar Nagesh Khaladkar Industry Resource person.

Academic/Technical Student Achievement:

Sports:

- ✓ The boys Volleyball Team, Eric Michael (SE AIDS) of SIES GST has secured First position in the Thane Zone Intercollegiate Tournament held on October 13 & 14, 2025 at Harichand Mutha College, Kalyan.



Technical:

- ✓ Sri Muthu Lakshmanan R.K. is pursuing an internship at Techfest, IIT Bombay, from July 01, 2025, until the conclusion of Techfest 2025–26.
- ✓ Atharva Sawant (BE AIDS), Tushar Patil (TE AIDS), Paras Kumbhar (BE AIML) for securing 3rd prize in PitchCraft 2025, ECell's flagship Startup Competition & Innovation Exhibition held on 07 & 08 August, 2025 at SIES-GST.
- ✓ Team IntelliRack, comprising Atharva Sawant (BE AIDS), Paras Kumbhar (BE AIML), and Tushar Patil (TE AIDS), secured the Runner-Up position in the Business Project Pitch Competition held at Nirmala Niketan College, Goregaon on 17 September 2025.



- ✓ The project titled “Secure Document Printin”, developed by Ayaan Dwivedi, Chaitalee Patil, Gaurav Patil & Namrata Salvi (BE AIDS), secured the First Prize at COGNITION Techno Fest (SH2025) held on September 19, 2025, at SIES-GST.
- ✓ The project titled “AI Powered Forest Rights Management System”, developed by Mitesh Naik, Sakshi Podhade, Sujit Shiravle, and Shubhashri Sriram / Shruthi Subramanian (TE AIDS), secured the First Prize at COGNITION Techno Fest (SH2025) held on September 19, 2025, at SIES-GST.
- ✓ The project titled “JOB ARENA - Bias-Free Hiring Platform”, developed by Aditya Koparkar, Asmi Ambekar, Tushar Patil (TE AIDS), secured the Second Prize at COGNITION Techno Fest (SH2025) held on September 19, 2025, at SIES-GST.
- ✓ The project titled “AviAlert”, developed by Sri Muthu Lakshmanan RK, Shravani Talekar and Krisha Poojari (SE AIDS), secured the First Prize at COGNITION Techno Fest (SH2025) held on September 19, 2025, at SIES-GST.
- ✓ The project titled “Clear Vault - Secure Data Sanitization & Certification Tool”, developed by Aniket Nikam, Karishma kale, PARTH TIWARI & Tabsir Shaikh (SE AIDS), secured the Second Prize at COGNITION Techno Fest (SH2025) held on September 19, 2025, at SIES-GST.

- ✓ Madhavan, Tanvi More, Suyash Shinde and Samilsha Chokkarap Secured 3rd prize in ideation held on September 19, 2025, at SIES-GST.
- ✓ The project titled “Aarogya Vaahini: Automated Appointment Scheduler and Health Assurance”, developed by Sri Rumde, Yash Salunke, Sanket Dhonde and Aditya Sahu (BE AIDS), secured the Second Prize at Enigma Chronix held on September 20, 2025, at SIES-GST.
- ✓ Ishita, Sakshi, and Isha presented their innovative project “Tarang Bharat” at the ISRO Exhibition, after being shortlisted among the Top 6 teams from Navi Mumbai. The project focuses on predicting glacier-based floods in real time using IoT and AI, and providing immediate safety alerts.
- ✓ 80 projects shortlisted in Anveshna, students from the TE AIDS Department — Mitesh Naik and Arya Varsolkar — were selected. The project was mentored by Ms. Rohini Gaikwad.

Music:

- ✓ Mihir secured the second prize in Western Solo (Instrumental)(14 August 2025).

Seminar and workshops Attended by faculty:

- ✓ Dr. Neethu Anna Sabu attended 6 days Faculty Development Program with certification course in Cybersecurity essentials in July 2025 organized by Department of CSE, LTCE, Mumbai.
- ✓ Dr. Neethu Anna Sabu has completed the training program and assessment in alignment with the International Standard for Artificial Intelligence and Management Systems to qualify as an ISO/IEC 42001:2023 Lead implementer.
- ✓ Dr. Rizwana S. published a paper on “A hybrid approach to stock price forecasting using LSTM-ARO & Geometric Brownian motion “in 6th INCET 2025 IEEE conference in Belagavi, Karnataka.

- ✓ Prof. Rohini Gaikwad published a paper on “Smart Rainwater Harvesting App” in 16th international IEEE conference at IIT - Indore, Madhya Pradesh.
- ✓ Prof. Shiney Varghese & Dr. Neethu Anna Sabu presented a paper on “Intelligent Enterprise Assistant” in 16th international IEEE conference on Computing, Communication and Networking Technologies (ICCCNT) at IIT - Indore, Madhya Pradesh.
- ✓ Prof. Megha Jain & Dr. Neethu Anna Sabu have presented a paper on “Attendance Vision- Ai- Based Attendance Through CCTV” in 16th international IEEE conference on Computing, Communication and Networking Technologies (ICCCNT) at IIT - Indore, Madhya Pradesh.
- ✓ Dr. Neethu Anna Sabu has participated in an online workshop cum FDP “AI-ML based controller design and deployment on real time platforms” organized by Department of Electrical Engineering, NIT, Rourkela on November 5th to 9th 2025.
- ✓ Prof. Deepali Jagtap attended ATAL FDP on salesforce Integration with IoT & Fog Computing at A. P. Shah Institute Of Technology from 15/12/2025 to 20/12/2025.
- ✓ Dr. Vidya Keshwani, Assistant Professor of SIES GST has successfully participated & completed AICTE Training and Learning (ATAL) Academy Faculty Development Program on XAI for Social Good: Application in Healthcare, Finance and Education at Pillai College of Engineering from 01/12/2025 to 06/12/2025.