



DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE Jan-May 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:

- ✓ An Industrial expert talk by Uddhav Chorge on application of “Hardware and IoT in Industry was organized by AI-DS department for SE students Conducted GenAI 101 (WORKSHOP) on 27 January 2025.
- ✓ Technology Transfer workshop on Reconnaissance Techniques on 06 February 2025.
- ✓ Web Dev Express expert lecture conducted on 06 February 2025 to 12 February 2025.
- ✓ Conducted an Ethical Hacking & Intelligent Forensic(Workshop) on 12 February 2025.
- ✓ An Expert Talk was held on 13 February 2025 on “Process of Innovation development, Technology readiness level (TRL): Commercialization of Lab Technologies & Tech Transfer”.
- ✓ An Expert Talk was held on 17 February 2025 on “Higher Studies”.
- ✓ An Industrial expert talk by Mr. Shakti Leekha on “Effective Sales & Marketing Strategies” was organized by AI-DS department for SE/TE/BE students Conducted Workshop on 14 February 2025.

Academic/Technical Student Achievement:

Sports:

- ✓ Abinaya Jayapendi (BE) has participated in Girls Kabaddi competition and secured first place in ICT SPORTSAGA 2025 held from 01 March 2025 to 16 March 2025.
- ✓ Abinaya Jayapendi (BE) has participated in Girls Kabaddi competition and secured second place which was held at 24 February, 2025 organized by Chhatrapati Shivaji Maharaj University, Panvel,

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.



Cultural:

- ✓ Sujal Pagere (TE) has participated in 100th Akhil Bharatiya Marathi Natya Sammelan held at Mumbai.

Technical:

- ✓ Aditya Sahu, Sri Rumde, Sanket Dhonde and Yash Salunkhe (TE-AIDS) won 1st place at National Level Define 3.0 Hackathon held at Mar Baselios college of Engineering & Technology, Kerala under national Ayush mission held on 06 to 08 March 2025



- ✓ Kailash Sharma got selected as a speaker for Swift Bengaluru and as a Mentor for National level Hackathon Code Cubicle 2.0. His App also selected in Hackathon Bengaluru.
- ✓ Atharva Sawant (5th Sem) secured 2nd position in AI KARLO held at S.I.W.S college on 07 February 2025

- ✓ Atharva Sawant (5th Sem) secured 1st position in Ideathon held at S.I.W.S college on 07 February 2025
- ✓ Atharva Sawant (5th Sem) secured 1st position in Present Pro held at S.I.W.S college on 08 February 2025.
- ✓ Atharva Sawant (TE-AIDS) and Tushar Patil (SE-AI-DS) stood 2nd at the AI Odyssey Hackathon held at Universal AI University, Karjat held on 07 March 2025
- ✓ Siddharth Mishra & Manoday Kadam presenting SIESGST at National Level “Google Hackathon”



- ✓ Yash Salunke, Sri Rumde and Aditya Sahu won 1st runner up at Bytecamp held on 14 March 2025
- ✓ Sujal Pagere won 3rd place in Sparkathon (National Level Ideathon) held at Indala College of Engineering on 20 March 2025



- ✓ Sujal Pagere and Sahil Khairnar (TE-AIDS) secured 2nd runner up out of 50 teams at Innospark 2025 held at Saraswati College of Engineering held on 26th March 2025



Paper Presentation:

- ✓ Atharva Sawant (TE-AIDS) stood 1st Technical Paper presentation of Vectors 25 held at A C Patil College of Engineering held on 3 March 2025.

Seminar and workshops Attended by faculty:

- ✓ Rohini G attended ATAL FDP on Gen AI from 06 January -11 January 2025.
- ✓ Dr Rizwana conducted a value-added course on blockchain from 06 January - 11 January 2025.
- ✓ Dr Rizwana S successfully completed 8 weeks NPTEL course on “Foundations of cloud IOT”.
- ✓ Rohini G successfully completed 8 weeks NPTEL course on “Foundations of cloud IOT”.
- ✓ Deepali Jagtap successfully completed 8 weeks NPTEL course on “Foundations of cloud IOT”.
- ✓ Sonal Patil successfully completed 12 weeks NPTEL course on “Machine Learning for Engineering and Science applications”.
- ✓ Rohini Gaikwad successfully completed Certification of Innovation Ambassador founder level under MHRD.

- ✓ Dr. Rizwana Shaikh published paper on “A hybrid approach to stock price forecasting using LSTM-ARO & Geometric brownian motion”,in 6th INCET 2025 IEEE CONFERENCE.
- ✓ Dr. Rizwana Shaikh published paper on “Quasi Opposition based Learning in Beluga Whale Optimization Feature Selection Approach for Dibetic Prediction” in IoT System in International journal of Intelligent engineering & System.
- ✓ Dr. Rizwana Shaikh published paper on “Intelligent Enterprise Assist” in 1.6th ICC 2025 IEEE CONFERENCE.
- ✓ Prof. Rohini G. published paper on “RainWise: Smart Rainwater Harvesting App” in 6th INTERNATIONAL IEEE CONFERENCE ON (ICCCNT)
- ✓ Prof. Vidya Keshwani published paper on “virtual keyboard using Eye Tracking software” in 16th International IEEE Conference on Computing, Communication and Networking Technologies (ICCCNT), 2025.
- ✓ Prof. Shiney Varghese published paper on “Aura Trace” in 7th ICIMA 2025 IEEE CONFERENCE.
- ✓ Dr. Neethu Sabu published paper on” GlucoSync:Machine Learning-Based Non-Invasive Glocose Prediction Using Beer Lambert Law” in Internatinal Journal of creative Research Thoughts (IJCRT), ISSN: 2320-2882, Volume 13, Issue 5, May 2025.
- ✓ Prof. Deepali Jagtap published paper on” Sahayak portal:- Smart Government Scheme Recommender” in International Journal for Research in Engineering Application & Management (IJREAM), ISSN-2454-9150,Vol-11, Issue-01, April 2025.
- ✓ Prof. Megha Jain published paper on” Intrusion Detection Syatem” in International Journal for Research Trends & Inoovation (IJRTI), ISSN-2456-3315,Vol-10, Issue-10, March 2025.
- ✓ Dr. Rizwana S.& Prof. Sonal Patil published paper on”Farm sense: AI – Enhanced Decision upport for Farmers” in International Journal for Research in Engineering Application & Management (IJREAM), ISSN-2454-9150,Vol-11, Issue-01, April 2025.