



DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE Jan-Jun 2024

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 lifelong 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:

- ✓ Student Development Program on Mobile Application Development(Flutter and Kotlin) from 1st Jan 2024 to 5th Jan 2024 by Mr. Danish Shaikh and internal experts include Prof. Rizwana Siddiqui, Prof. Kajal Salekar and Prof. Rohini Gaikwad, in which students were made aware of various technologies in Industry for Mobile Application Development.
- ✓ Expert talk on Industry requirements and expectations after BE and during placements on 6th Feb 2024.
- ✓ Expert Talk on Applications of Algorithm in Industry and Higher Studies on 28th Feb 2024.
- ✓ Expert Talk on Kickstarting into cyber Security on 14th March 2024 by Mr.Ankit More where the students got aware of ideas in the area of Network Cyber Security.
- ✓ Expert Talk on Oracle Technologies and Cloud Infrastructure on 18th Mar 2024 by Mr.Akash Ghag.This was conducted to make students understand the basic concepts and benefits of cloud computing and how they apply to OCI.



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.
- ✓ Expert Talk on Emerging Trends in Data Science by Mr.Yogesh Murumkar on 27th Mar 2024.
- ✓ The objective was to provide participants With advanced insights into Data Science methodologies,tools and techniques.
- ✓ Expert talk on Industry Application in Hybrid and Multi Cloud by Mr.Vishwas on 4th April 2024 in collaboration with TPO.

Initiatives:

- ✓ Internship problem statements assigned from industry like to the students based on research area of the faculty members. 3 such internship projects are undergoing.

Academic/Technical Student Achievement:

Over all toppers of semester III:

Salvi Namrat Chandrakant Chaitali secured 1st place, Dhonde Sanket Shivaji Laxmi secured 2nd place and Patil Chaitalee Rajendra Rekha secured 3rd place.

Sports:

- ✓ Ms.Sneha Nair secured 1st position in Table Tennis Girls Singles during **Lakshya** Organised by SIES GST sports Team in the year 2023-24.
- ✓ Ms.Sneha Nair secured 2nd position in Annual College Fest Olympus Inter Collegiate Table

Tennis Competition on 11th Mar 2024.

- ✓ Ms.Sneha Nair secured 2nd position in Kabaddi Girls during **Lakshya** in the year 2023-24.

Technical:

- ✓ Mr. Ratul Raj has served as Logistics Team Coordinator of Computer Society of India for the year 2023-24.
- ✓ Mr.Ratul Raj has served as Content Coordinator of the Entrepreneurship Cell at SIES GST for the academic year 2023-24.
- ✓ Mr. Shaikh Mohammed Abbas Zaheer has successfully completed GSTian Developer Program in the App domain for the year 2023-24.
- ✓ Mr.Ayush Dumbre has participate in CCI Innovation Exhibition in the AY 2023-24 with Title : Solar Energy for Vehicles.



Seminar and workshops Attended by faculty:

- ✓ Prof. Rohini Gaikwad and Prof.Kajal Salekar attended a work shop on i)Cloud and Edge Computing and ii) Python and its use cases at LTI Mindtree on 27th Feb 2024 in Navi Mumbai.
- ✓ Prof.Pragathi Akre successfully completed Udeemy course for Natural Language Processing and Deep Learning.
- ✓ Prof. Sushma Rathi attended an FDP on Teaching Excellence and Research Methodology and publication in 2024.
- ✓ Prof.Sushma Rathi and Prof. Deepali Jagtap attended FDP on Emerging Trends in Data Engineering during June 2024.

- ✓ Prof.Sushma Rathi and Prof. Deepali Jagtap attended FDP on AI for Youth during June 2024.
- ✓ Prof. Deepali Jagtap has attended an FDP on Competency Building during June 2024.