



## **DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE** Jul-Dec 2023

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:**

- ✓ Expert talk on Artificial Intelligence on 6<sup>th</sup> October 2023 by Dr.Yogesh Jadhav in which students were made aware of Advanced AI topics like Chatbot, openAI and some of the other applications.
- ✓ Expert talk on “Design your Destiny” on 6<sup>th</sup> September 2023 by Mrs. Nisha Chandak, where students gained insights on Development and Soft Skills.
- ✓ Students Development Program on “Mobile Application Development” from 26<sup>th</sup> June 2023 to 1<sup>st</sup> July 2023 by Industrial Expert Mr.Danish Shaikh and internal experts include Prof. Rizwana Siddiqui and Prof. Pragathi Akre.

**Initiatives:**

- ✓ Internship problem statements assigned from industry to the students based on project area of the faculty members. 1 such internship projects are undergoing and 10 internships are completed.

**Academic/Technical Student Achievement:****Over all toppers of semester III:**

Sampada Shankar Vinutha Secured first place, Harshada Pundlik Ghate secured second place and Shivraj Murali Jayashree secured third position.

**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.

**Sports:**

Aniruddha Kerur won 2<sup>nd</sup> prize in Men's Singles and Doubles 2023-24 at State-Level.

**Cultural:**

Prachiti Gaikwad participated in Zonal Level Cultural event.

**Technical:**

- ✓ Mukta Chavan won 2<sup>nd</sup> position in UI/UX Zonal Hackathon.
- ✓ Kailash Sharma, Nidhi Kavi Madhanvan, Vedant, Aditya and Gaurav won 2<sup>nd</sup> position in Cognition.
- ✓ Arsh, Arnav, Ayush Sanket, Aayush and Omkar won 1<sup>st</sup> position in Cognition.

**Seminar and workshops Attended by faculty:**

- ✓ Ms. Pragati Akre completed three days National Online Workshop Data Processing and Data Analysis on 20 to 22<sup>nd</sup> sept 2023.
- ✓ Ms. Rasika Malgi participated in one day workshop on SPSS on 29<sup>th</sup> November 2023.
- ✓ Dr. Rizwana sheikh, Ms. Pragati Akre, Ms. Rasika M., Ms. Kajal S. and Ms. Rohini G. attended one week NEP STTP from 18<sup>th</sup> Dec to 23<sup>rd</sup> Dec 2023.

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| <ul style="list-style-type: none"><li>✓ Dr. Rizwana Siddiqui has participated as program committee member of 3<sup>rd</sup> International Conference on information and communication technology in business, industry and Govt, organized by school of computer science and information technology, Symbiosis university.</li><li>✓ Dr. Rizwana Siddiqui published a paper OCR based Tapal (postal Service ) System in 14<sup>th</sup> International Conference on Computing Communication and Networking Technologies 2023.</li></ul> |  |
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