DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE July -Dec 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 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 Expert Talk by Mr. Shabarish Ramaswamy (ConnectWise) was held on 24 July 2024 on Full Stack Development.

✓ An Expert Talk by Mrs. Veena Venkat (Project Lead with IBM) was held on 01 August 2024 on Industry requirement in AI and Data Science.

✓ An Expert Talk was held on 02 August 2024 on Data Structure and Algorithm.

✓ An expert talk by Mr. Umesh Mahind (Lexis Nexis Risk Solutions) was held on 07 August 2024 on Technologies for Industry 4.0.

✓ An expert talk by Mr. Samprit Chaurasia (Cimpress India) was held on 08 August 2024 on Data Structure and algorithms.

✓ An expert talk by Mr. Vaibhav Dhande (Change Networks) was held on 04 September 2024 on Demystifying Network.

✓ An expert talk by Mr. Zoheb Kazi was held on 20 September 2024 on Deep Learning-Industry Application.

✓ Expert talk on Full Stack development on July 27, 2024 by Mrs. Vina Venkat

Initiatives:
✓ One project Voice Enabled App is completed with amount 25000/- under the faculty Dr. Rizwana S and Students Namrata Salvi and Chaitali.

✓ App development for service, Email Matrix and voice enabled App.

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.

Academic/Technical Student Achievement:

Over all topers of semester III:
✓ Koparkar Aditya Digambar secured first place, Lakshya Senthil Kumar secured second place and Pandey Unnati Ghanshyam secured third position.

Over all topers of semester V:
✓ Salvi Namrata Chandrakant secured first place, Dhonde Sanket Shivaji Laxmi secured second place and Rumde Sri Rajesh Rani secured third position.

Over all topers of semester VII:
✓ Sampada Shankar Vinutha secured first place, Paranjape Apurva Amol secured second place and Abinaya Jeya Pandi secured third position.

Technical:
✓ Atharva Sawant (5th Sem) secured 1st position in Project presentation held at Atharva College of Engineering held on 12 August 2024.

✓ Swaraj C secured 1st position in CSI-Next held at Vidyalankar College.

✓ Atharva Sawant (5th Sem) secured 2nd position in Cognition Webenchanted held at SIESGST held on 14 August 2024.

Paper Presentation:
✓ Atharva Sawant (5th Sem) secured 1st position in Research Paper presentation held at VESIT on 03 August 2024.

✓ Atharva Sawant (5th Sem) secured 2nd position in Research paper presentation held at KJ Somaiya College of Engineering held on 21 September 2024.

- ✓ Cognition Project Compitition was organized by SIESGST for the students on 21 September 2024.

Seminar and workshops Attended by faculty:

- ✓ Pragati Akre attended an FDP on "Universal Human Values in Technical Education" from 21 August to 23 August, 2024.

- ✓ Kajal Salekar attended an FDP on "Universal Human Values in Technical Education"from 21 August to 23 August, 2024.

- ✓ Deepali Jagtap attended an FDP on "Universal Human Values in Technical Education"from 21 August to 23 August, 2024.

- ✓ Megha Jain attended an FDP on "Universal Human Values in Technical Education" from 21 August to 23 August, 2024.

- ✓ Deepali Jagtap ceritified as Coach for "AI for Youth Program" on August 23, 2024.

- ✓ Pragati Akre attended an STTP on Gen (AI) held at SIESGST from 09 December to 14 December 2024.

- ✓ Rohini attended an STTP on Gen (AI) held at SIESGST from 09 December to 14 December 2024.

- ✓ Megha Jain attended an STTP on Gen (AI) held at SIESGST from 09 December to 14 December 2024.

- ✓ Deepali Jagtap attended an STTP on Gen (AI) held at SIESGST from 09 December to 14 December 2024.

- ✓ Sonal Patil attended an STTP on Gen (AI) held at SIESGST from 09 December to 14 December 2024.