ANJUMAN COLLEGE OF ENGINEERING & TECHNOLOGY

FROM HOD'S DESK

Dr. M. T. Hasan
Head, AI & DS Department

CONTENTS

B.Tech in Artificial Intelligence and Data Science is an undergraduate program with solutions which empower the computer and the machines to display intelligence like human beings.

The Department of Artificial Intelligence and Data Science was established in 2021 with motto of providing quality education in cutting edge technologies of the world. The sanctioned intake in 2021 was 30 students per year and has been subsequently increased to 60 from the year 2023 onwards. The department is laced with laboratories having the latest machines like i7 and i5 to cater to the data centric need of Artificial Intelligence and Data Science.

This domain of study has been formulated to train students in acquiring the data and then analyzing the data to provide relevant solutions. Once being trained in working with data, the students are acquainted with development of data driven solutions, data visualization tools and techniques to analyze big data. It is supplemented with the use of the concepts of machine learning and deep learning model building for solving various computational and real-world problems.

A graduate in this domain will exhibit their domain knowledge in data handling, knowledge extraction, mobile and distributed application development, intelligence web/ecommerce development, database administration, computer hardware, networking, education and training and decision support systems using AI and Data Science tools and techniques.

Vision

To impart high standards of quality-education using the latest tools, supplementing the academia and industry in delivering relevant socio-economic products for sustainable development.
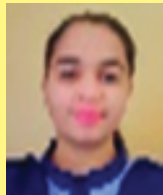
Mission

- To develop professionals who are skilled in the area of Artificial Intelligence and Data Science.

- To impart quality and value-based education contributing towards innovation and satisfaction of stakeholders involved.
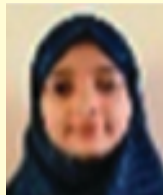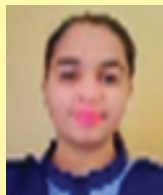
Topper List (2022-23)

Third Semester

Rank	Name of Students	SGPA	Percentage (Semester) (SGPA – 0.75) x 10	University Rank	Photograph
1	Ms. Ishika Taklikar	8.43	76.8%	-	
2	Ms. Javeria Ahmed	8.35	76%	-	
3	Ms. Mohini Fulzele	7.83	70.8%	-	

Fourth Semester

Rank	Name of Students	SGPA	Percentage (Semester) (SGPA – 0.75) x 10	University Rank	Photograph
1	Ms. Mohini Fulzele	8.17	74.2%	3rd	
2	Ms. Javeria Ahmed	7.75	70%	10th	
3	Ms. Ishika Taklikar	7.71	69.6%	11th	

PUBLICATIONS

	Name of author/s	Department of the teacher	Name of the journal/Conference	Year of publication	ISSN number
Machine Learning Algorithm for Detection of Deadliest Forms of Skin Cancer	Syed Irfan Ali	AI-DS	International Journal of Advanced Research in Science, Communication & Technology (IJARSCT)	2022	2581-9429
Multi-Domain Feature-based Expert Diagnostic System for Detection of Hypertension using Photoplethysmogram Signal	Mohd.Tahseenul Hasan	AI-DS	International Journal of Intelligent Systems and Applications In Engineering	2022	2147-6799
Performance Analysis of Efficiently trusted AODV serving Security in MANET under Blackhole Attack Using Genetic Algorithm	Iram Nausheen	AI-DS	Proceedings of the International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics (ICIITCEE	2023	2023978-1-6654-9260-7
An Efficient & Secure Approach under Multiple Attack Prone MANET	Iram Nausheen	AI-DS	2023 5th International Conference on Smart Systems and Inventive Technology (ICSSIT)	2023	978-1-6654 7467-2
ETSAODV: An Efficient & Trusted Secure AODV with Performance Analysis for MANETS suffering Blackhole Attack	Iram Nausheen	AI-DS	2023 Third International Conference on Advances in Electrical, Computing, Communication and Sustainable Technologies (ICAECT)	2023	978-1-6654 -9400-7

Name of Event	Date of Event
Debate Competition on G20	01-04-2023
Logo Design Competition	09-04-2023
Brainstorming Competition	15-04-2023
Presentation Competition on Chat GPT	29-04-2023
Design of Technical Meme	29-04-2023
Awareness on International Year of Millets 2023	11-04-2023
Winter Clothes Donation Drive	25-11-2023

Departmental Activities

1) **Induction Program for first year**

2) **Student Club Ai Formation**

3) **FDP on Aspects of learning and evaluation in online environment (05/06/2023 to 09/06/2023)**

4) **Brainstorming Competition**

5) **Debate Competition on G20**

6) **Winter Clothes Donation Drive**

7) **Wildlife and Human Being-Conflict and Coexistence**

8) **Workshop on Data Base Management System**

9) **Seminar on Importance of Industry Internship & Selection**

10) **One Day FDP on Demonstration of MIS Academic**

11) **Awareness on International Year of Millets 2023**

The simulation of human intelligence
by software-coded heuristics...

The Learning Journey

AI for Youth has a unique 4-stage learning journey to equip youths with the mindsets and skillsets for AI-readiness:

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