



"Techno-Social Excellence"
Marathwada Mitramandal's
INSTITUTE OF TECHNOLOGY (MMIT)

Lohgaon, Pune-47.
Accredited with 'A' Grade by NAAC



"Excellence in the field of Artificial Intelligence and Data science"

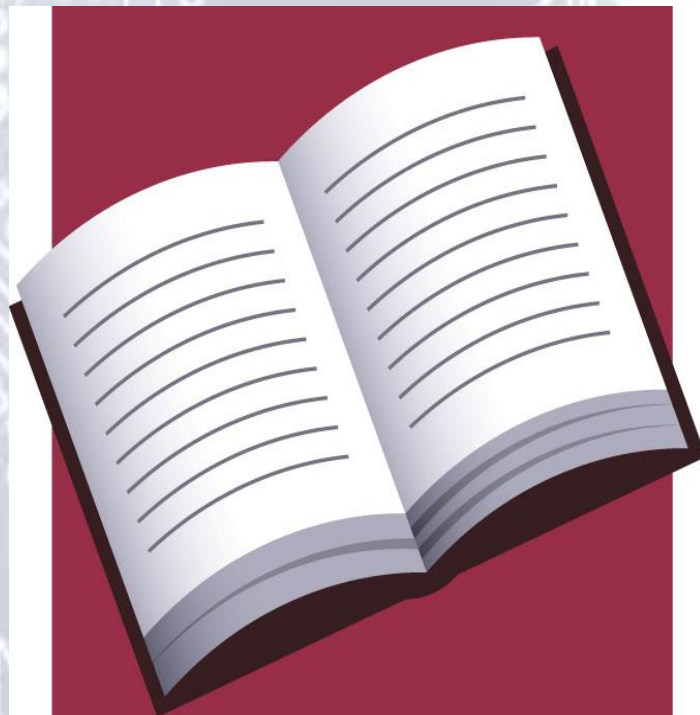
Department of Artificial Intelligence and Data Science



"ARTIFICIAL INTELLIGENCE IS THE NEW ELECTRICITY"

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From Principal's Desk



‘Marathwada Mitra Mandal’s Institute of Technology’ (MMIT) Lohgaon, Pune, is a holy institute for bright and prosperous future. It gives me a great pleasure to put forward brief replica of VISION, MISSION, CORE VALUES, aims, objectives, environment, infrastructure facilities, faculties and

campus. The trust is established by the inspiration of socially and educationally charged personalities with the motto “Welfare of Masses”. The watchwords of the trust are Mass education, Co-education and Dedication towards the holistic development of professional students

We, at MMIT, Lohgaon, Pune are committed to promote value-based engineering education as per the need and expectations of industries, students and society. Faculty is very hard working and taking continuous efforts to feed the fruitful knowledge to students. Management always supports to update the infrastructure and high end equipments to fulfil the need of ultramodern technological needs.

The courses offers at institute provide in-depth knowledge of Computer, AI & DS, Mechanical, Civil and Mechatronics Engineering. Due to the training provided by professional institute top MNC’s visit MMIT campus every year and over 100% of our eligible students are placed it all in Tata Motors, Cognizant Technology Solutions, Capgemini, Tech Mahindra, Infosys Technologies, L & T Infotech, Synechron, Persistent Systems Ltd., Kirloskar Group, Mahindra & Mahindra *etc.*

The Institute has active Robotic Club, Entrepreneurship Development Cell, Departmental Clubs, Training & Placement cell. The students are motivated to actively participate in co-curricular and extra –curricular activities.

Dr. R. V. Bhortake

From HOD's Desk



The department of Artificial Intelligence and Data Science (AI and DS) is established in the Academic Year 2021-2022. This is a 4-year degree course approved by AICTE, New Delhi under Savitribai Phule Pune University (SPPU).

AI is an interdisciplinary science with multiple approaches to build smart machines capable of performing tasks that typically require human intelligence. Data Science (DS) is an umbrella term for a group of fields that are used to analyze large datasets.

The curriculum of AI and DS includes core subjects of Computer Engineering

with skills like Math & Statistics, Domain and/or Business Knowledge, Big Data & Visualization etc.

The department is offering undergraduate programme with an intake of 30. The department is well equipped with 6 laboratories having highly configured i7 processor machines as per the requirement of an innovative era of artificial intelligence and machine learning. Self-motivated, strong and high performing faculty are engaged in mentoring students and guiding them to realise their potential and become good ambassadors of the department and in turn institute.

AI & DS domain is considered one of the most lucrative jobs in the industry right now. With numerous openings spanning across all sectors, data science jobs are showing only the signs of growth.

Prof S. A. Agrawal

VISION & MISSION OF THE INSTITUTE

VISION

"Techno-Social Excellence"

MISSION

- Enhance technology transfer
- Implement entrepreneurship
- Promote global competency
- Integrate innovative pedagogy
- Create excellent human resource

VISION & MISSION OF AI & DS DEPARTMENT

VISION

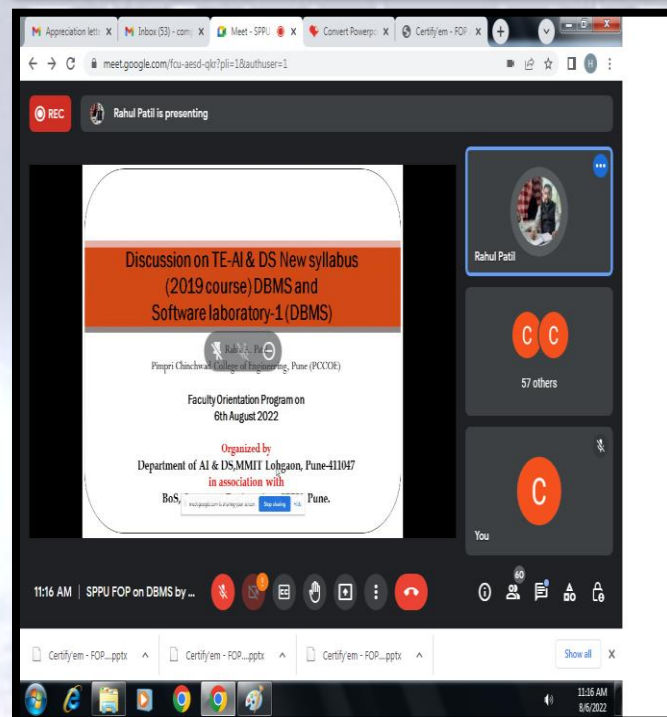
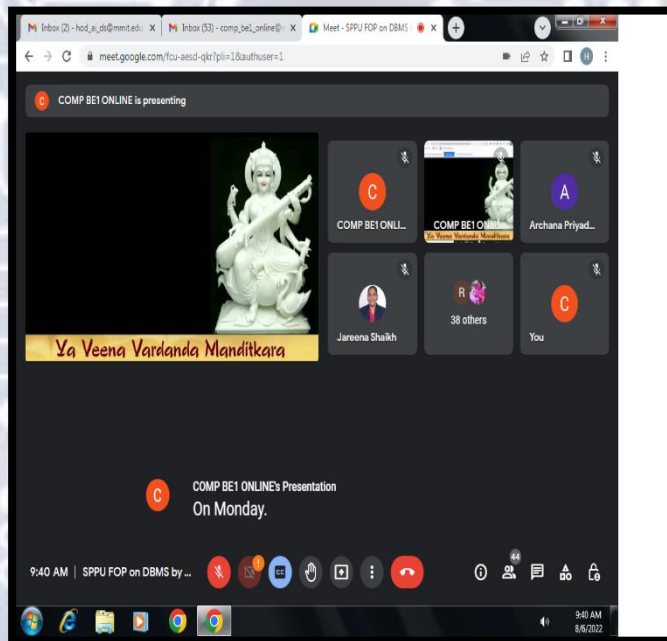
"Excellence in the field of Artificial Intelligence and Data Science"

MISSION

- To encourage the students for learning various AI & DS based tool and techniques
- To groom students technologically superior
- To train students in a way to meet the needs of society

Technical Events

FOP on DBMS (TE AI&DS)



One day Faculty Orientation Programme on Database Management System (TE AI&DS) was held on 06/Aug/22 organized by AI&DS Dept, MMIT, Lohgaon. Prof Sanjay A. Agrawal and Prof. Nisar Shaikh were the coordinators of the event. Dr. Anuradha Thakare, Prof. Rahul Patil and Ms. Vandana Chavan were the chief speakers of the program. It was conducted in online mode and its main objective was to understand the basic and advanced concepts in DBMS as per SPPU Syllabus. The event got good response from the faculties of AI & DS and it was a successful event.

Seminar on “Awareness of Importance of Microsoft Certifications”



A seminar on “Awareness of Importance of Microsoft Certifications” was organized by AI & DS Dept, MMIT, Lohgaon on 12/Sept/22. Prof. Rucha Agrawal was the co-ordinator of the event. Around 125 students of Computer and AI & DS attended the seminar. Mr. Manish Kumar Singh from Inflow Technologies Pvt. Ltd. Was the resource person of the seminar. The main objective of the seminar was to guide students about the various Microsoft Certifications to build a powerful resume and career.

Engineer's Day

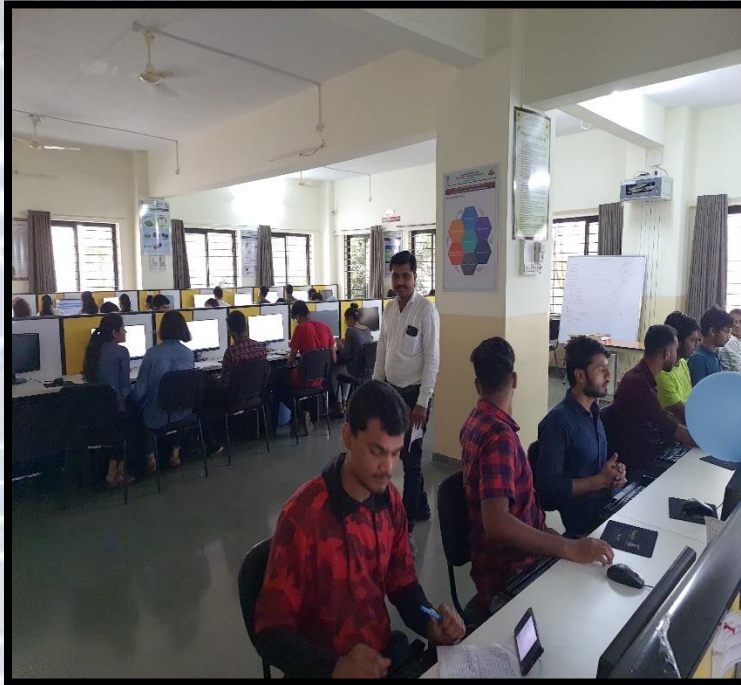


Engineer's Day event was held with great zeal and enthusiasm in MMIT, Lohgaon on 15/Sept/22. Various events were organized by various departments for all students. Out of this, AI & DS departments organized competitions such as Logo Making and Bug Bounty. In logo making competition, participant had to make logos in given time. Prof. Sanjay Agrawal, Prof. Dinesh Satre and Prof. Uma Karanje were the judges of this competition. Around 50 students participated in this competition.



In Bug Bounty, C++ code with bugs were given to participants. The participant had to remove the bug in span of 20 mins. 3 rounds of same were conducted to find the final winners.

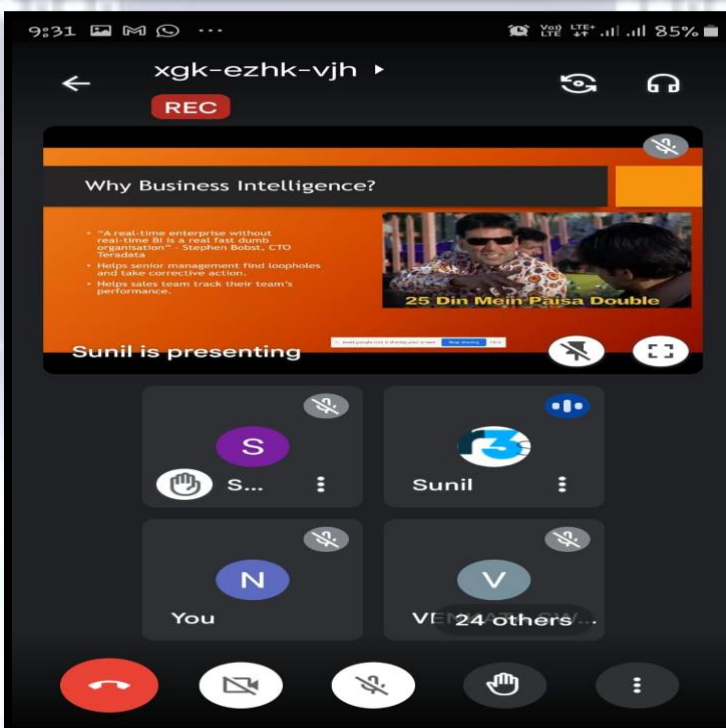
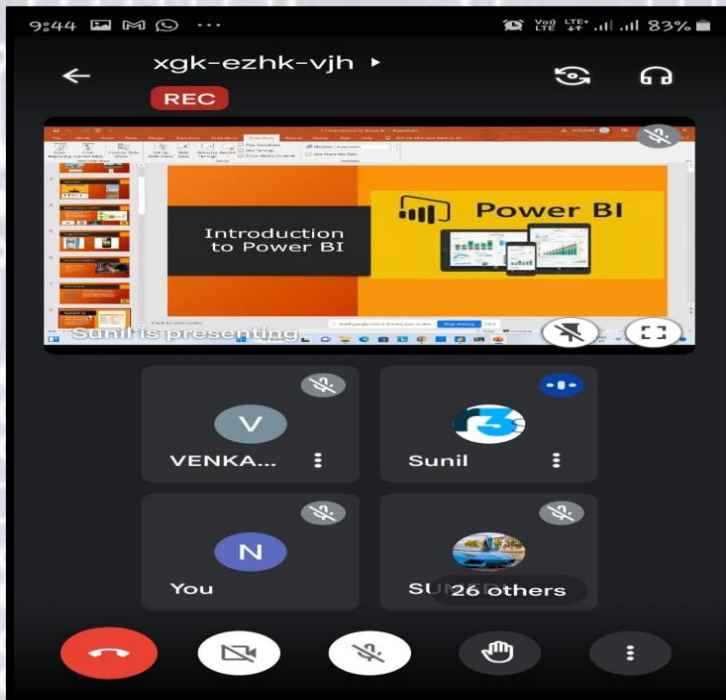
Add-on Course on “Python for Data Science”



A 40 day Add-on course on “Python for Data Science” was organized by AI&DS dept of MMIT in October 22. Prof. Nisar Shaikh was the chief coordinator for the course. 74 students from Computer and AI & DS dept have registered for same. The course included five modules comprising of the basic as well as advanced Python essential for learning Data Science. Prof. Sanjay Agrawal, Prof. Nisar Shaikh, Prof. Rucha Agrawal and Prof. Ashish Bhise had taken sessions for the same. Apart from theory lectures, students were also given hands-on training for the same. Students had found the course very interesting and useful to get an

overview of Data Science.

Expert Lecture on “Data Science: Power BI tool”



An expert lecture on “Power BI tool” was organized by AI & DS Dept, MMIT, Lohgaon on 18/Nov/22. Prof. Ashish Bhise was the co-ordinator of the event. All students of AI & DS Department attended the lecture. Mr. Sunil Joshi from R3 Systems India Pvt. Ltd. was the resource person of the expert lecture. The main objective of the lecture was to brief students about the Power BI tool that is an important data analysis tool in Data Science. The students were also given hands-on training and live examples for the same. The lecture was conducted in an online mode and was very helpful for students.

Expert Lecture on “Advances in Discrete Mathematics”



An expert lecture on “Advances in Discrete mathematics” was organized by AI & DS Dept, MMIT, Lohgaon on 12/Dec/22. Prof. Nisar Shaikh was the co-ordinator of the event. All students of AI & DS Department attended the lecture. Mr. Sagar Shinde from Cusrow Wadia Institute of Technology, Pune was the resource person of the expert lecture. The main objective of the lecture was to enlighten students about the Discrete Mathematics in their syllabus as well as advances in Discrete Mathematics.

Other Activities

Teachers Day Celebration



Teachers day was organized by students of Computer and AI&DS department for staff on 05/Sept/22. Students showcased their skills through various activities like singing, skit and dances. Various games like music chair were arranged for all the staff members. All the staff members enjoyed the activities. The program concluded with refreshment for all.



Snehvan Visit



As a part of social activity, the students and staff of AI&DS department visited Snehvan (an orphanage) on 01/Dec/22. Prof. Nisar Shaikh was the coordinator of the activity. Around 30 students visited the place located at Chakan. Various activities were conducted like cake cutting, distributing sweets and snacks to children and interaction with students.



Also, the AI&DS staff at MMIT has decided to teach various technical subjects like (C, C++, Python etc.) to students at Snehvan on weekends as per the students' convenience.

Fresher's party



Fresher's party was organized by third year students for second year students on 10/Dec/22. Various games and activities were arranged by third year students. The program commenced with introduction and activities of SE students. Later on, students enjoyed some music and dance.



The program concluded with dinner for staff as well as students.

Parents- Teachers Meet



Parent -teachers meet of AI&DS department was conducted on 15/Oct/22. All the parents were informed about the date and time well before in advance. First, the HoD Prof. Sanjay Agrawal briefed the parents about the current and future activities that will be held for betterment of students.



Then, the parents interacted one to one with all subject teachers. In the interaction, the staff briefed parents about their wards UT 1 performance and also the attendance status. Suggestions were taken from the parents in the form of feedback.

About AISA



AI&DS being new department at MMIT, Lohgaon, AISA (Artificial Intelligence Students' Association) was formed in Sept 2022. Interviews were scheduled for same on 06/Sept/22 for interested SE students and the results were declared on 07/ Sept/22. Prof. Sanjay Agrawal (HOD) and Prof. Ashish Bhise are the chief coordinators for the same with a student's team with them. After personal interaction, the students were selected at various designations as under –

Name of Post	Name of Appointed Student
President	Chinmay Dagade
Vice President	Gautami Deshpande
Technical	Sumedh Kadam
Sports	Akshada Shenkar & Rohit Borole
Treasurer	Sakshi Karekar
Cultural	Sainath Dahiwal
Ladies Representative	Priya Jagdhane
Wall Magazine Coordinator	Snehal Thorat
Class Representative	Apurv Bhavsar
Vice Class Representative	Rahul Sarnikar

MAGAZINE TEAM

HoD

Prof. Sanjay Agrawal

Staff Co-ordinator

Prof. Rucha Agrawal

Student Co-ordinators

- Penna Venkata Swapna
- Sakshi Karekar
- Nidhi Deshmukh
- Sumedh Kadam
- Anurag Chopade

"Intelligence plus character that is the goal of true education"

Marathwada MitraMandal's INSTITUTE OF TECHNOLOGY, Lohgaon Pune was established in 2008 and conducts the following Courses leading to Bachelor's Degree in Engineering 1. Artificial Intelligence and Data Science, 2. Computer Engineering, 3. Mechanical Engineering, 4. Civil Engineering, 5. Mechantronics Engineering. . All these courses are approved by All India Council for Technical Education, (AICTE) New Delhi, with sanctioned by Govt. of Maharashtra and affiliated to Savitribai Phule Pune University. The Marathwada Mitra Mandal Society, Pune was established in 1963.

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www.mmit.edu.in

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