



“Techno – Social Excellence”  
**Marathwada Mitramandal's  
Institute of Technology (MMIT)**  
**Lohgaon, Pune – 411047**

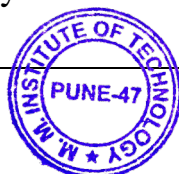


“Excellence in the field of AI & DS”  
**Department of Artificial Intelligence & Data Science**

**FOP Scheduled on 6<sup>th</sup> August 2022**  
Third Year of Artificial Intelligence & Data Science (2019 Course)

**310241: Database Management Systems**  
**310246: Database Management Systems Laboratory**  
**Savitribai Phule Pune University, Pune**

Time	Topics
9.30 AM TO 10.00 AM	Welcome to all BOS Members, Speaker and Attendees by <b>Ms. Rucha Agrawal</b> , Asst. Prof. MMIT, Lohgaon, Pune.
	Play Sarasvati Vandana
	Welcome speech & about FOP by <b>Prof. S. A. Agrawal</b> , HOD, AI & DS, MMIT, Lohgaon, Pune.
	Address by <b>Dr. R. V. Bhortake</b> , Principal, MMIT, Lohgaon, Pune.
	Keynote by <b>Dr. Parikshit Mahalle</b> , Professor and Head, AI & DS, VIIT, Pune.
	Address by <b>Dr. P. M. Yawalkar</b> , Member, BOS-Computer Member, Team Coordinator AI & DS SPPU.
10.00 AM TO 11.15 AM	<b>Session 1</b> Overview of Theory Syllabus points by <b>Dr. Anuradha Thakare</b> , Professor, PCCOE, Pune.
11.15 AM TO 12.15 PM	<b>Session 2</b> Overview of Practical Assignments by <b>Prof. Rahul Patil</b> , Asst.Prof., PCCOE, Pune.
12.15 PM TO 1.15 PM	<b>Session 3</b> Discussion on Recent Trends in DBMS by <b>Ms. Vandana Chavan</b> , Data Analyst, Accenture, Pune.
1.15 PM TO 1.30 PM	Vote of Thanks by <b>Mr. N. S. Shaikh</b> , Co-ordinator, FOP





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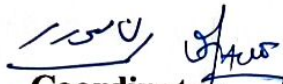
“Excellence in the field of AI & DS”  
**Department of Artificial Intelligence & Data Science**  
(Academic Year 2022-23)


**One Day Faculty Orientation Programme**

**On**

**Database Management System(310241)**  
**TE AI & DS 2019 Course**

**Held on**  
**6<sup>th</sup> August 2022**

  
**Coordinator**  
**Mr. N. S. Shaikh**  
**Mr. Y. K. Mali**

  
**HOD**  
**Mr. S. A. Agrawal**



## **Faculty Orientation Programme Details**

**Subject:** One Day Faculty Orientation Programme on Database Management System (310241)  
[TE AI & DS 2019 Course]

**Attendee:** 85 Faculties

**Organized By:** Department of AI & DS, MMIT, Lohgaon-411 047

**Date:** 6<sup>th</sup> August 2022

**Mode of conduction:** Online (Google meet)

### **Resource Persons:**

1. Name: Dr. Anuradha Thakare.  
Experience: 22years  
Designation: Professor, Comp Engg., PCCOE Pune.
2. Name: Prof. Rahul Patil.  
Experience: 15 years  
Designation: Asst. Prof., Comp. Engg., PCCOE Pune
3. Name: Ms. Vandana Chavan  
Experience: 13 years  
Designation: Data Analyst, Accenture, Pune

## **Objectives of Faculty Orientation Programme**

- To understand the fundamental concepts of Database Management Systems
- To acquire the knowledge of database query languages and transaction processing
- To understand systematic database design approaches
- To acquire the skills to use a powerful, flexible, and scalable general-purpose databases to handle Big Data
- To be familiar with advances in databases and applications





**Inauguration:**

The program was started with lamp lighting ceremony of goddess Saraswati (online) in the presence of BOS Members, Guest, Resource Person, Principal, HoD, FOP Co-ordinator and participants.

**Welcome speech & Overview of FDP:**

In the welcome speech, Mr. S. A. Agrawal (Head, Dept. of AI & DS) shared scheduled of FOP. He made the participants aware of the importance of such FOP and awareness of different objectives of FOP.

**Session- I by Dr. Anuradha Thakare.**

She Covered all Six units of DBMS syllabus overview and highlighted the importance of each unit into DBMS Syllabus. She has covered the following topics

**Following topics are covered in the FOP**

1. Introduction to Database Management Systems and ER Model
2. SQL and PL/SQL
3. Relational Database Design
4. Database Transaction Management
5. NoSQL Databases
6. Advances in Databases

**Session- II by Prof. Rahul Patil**

He Covered all DBMS Practical assignments and CO, PO Mapping of Assignments. HE also defines Importance of each practical into Syllabus

**Following topics are covered in the FOP**

1. ER Modeling and Normalization
2. SQL Queries
3. SQL Queries - all types of Join, Sub-Query and View
4. Unnamed PL/SQL code block
5. Named PL/SQL Block
6. Cursors
7. Database Trigger
8. MongoDB Queries
9. MongoDB - Aggregation and Indexing

**Session- III by Ms Vandana Chavan**

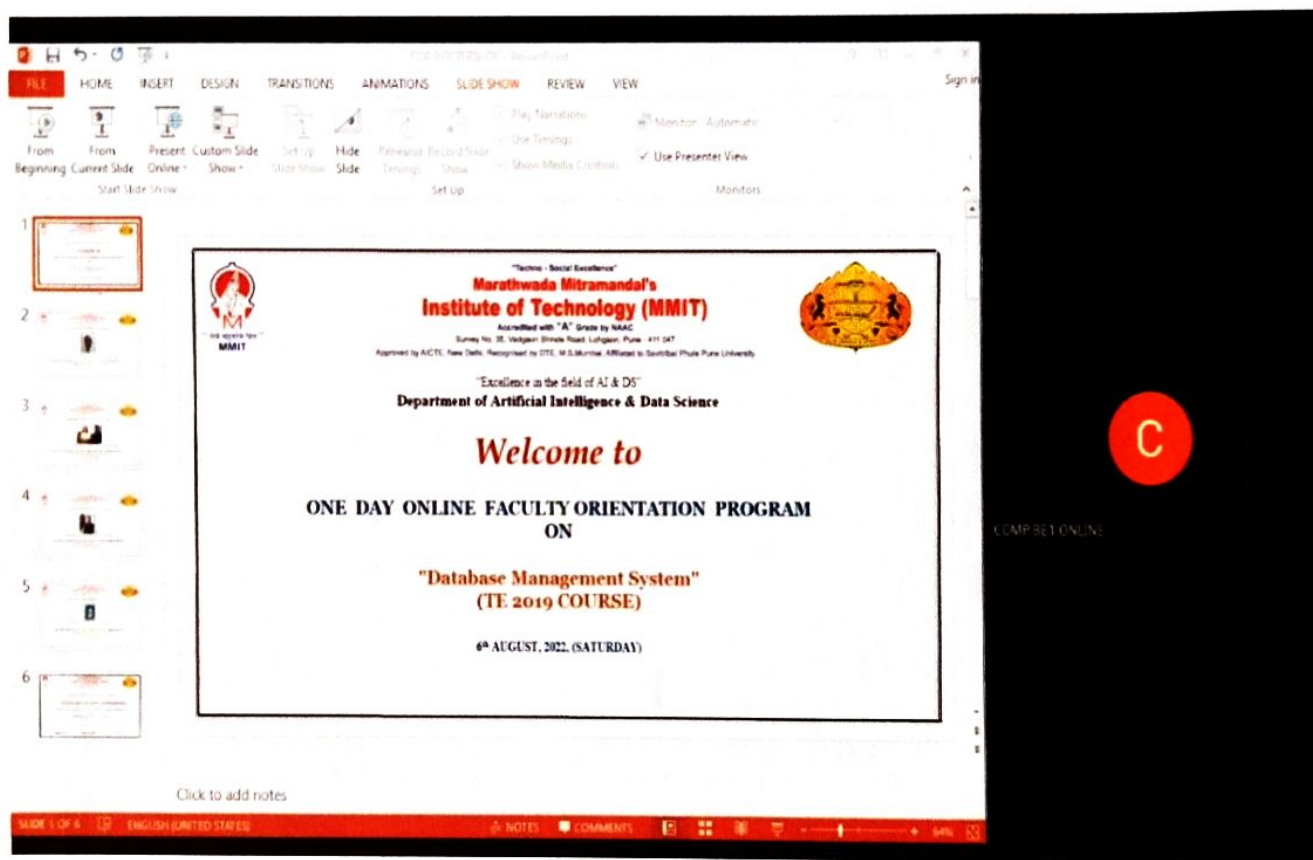
She Covered Advance Technology on DBMS and Data Analytics. She has given demonstration on Data Analytics Tools Tableau.



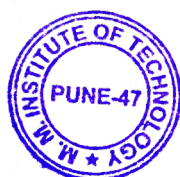
## Program Outcomes

- Faculties have understood Overview of Syllabus
- Faculties have understood the significance of DBMS in syllabus
- Faculties got the information of various DBMS tools
- Faculties also got the use of DBMS in Data Science and Data Analytics Field

## Online Session photos



## Welcome Session





**Marathwada Mitramandal's  
Institute of Technology (MMIT)**

Accredited with "A" Grade by NAAC  
Survey No. 35, Velgami Ghinola Road, Lohgaon, Pune - 411 047  
Approved by AICTE, New Delhi. Recognized by DTE, M.S. Mumbai. Affiliated to Savitribai Phule Pune University

"Excellence in the field of AI & DS"

**Department of Artificial Intelligence & Data Science**

**We Welcome**



**Dr. Anuradha Thakare, Professor Comp Engg, PCCOE, Pune.**

**ONE DAY ONLINE FACULTY ORIENTATION PROGRAM ON  
"Database Management System"  
(TE 2019 COURSE)  
6 AUGUST, 2022, (SATURDAY)**

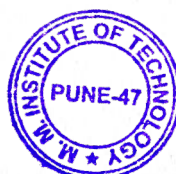


**SPPU Pune**

**Purpose of the Course**

Database management systems are important to the operation of different organizations because they help manage an organization's various databases. Being the Computer Engineer it is very important and necessary to have the knowledge about Database management System. Computer Engineering professionals are expected to know about various data models, relational database design and database languages to work on any real time project / an application.

**Session by Dr. Anuradha Thakare**



COMP SET ONLINE



**Dr. Anuradha Thakare**





# DATA ANALYTICS

Data analytics is the process of gleaning insights from data that is extracted, transformed, and centralized to discover and analyze hidden patterns, relationships, trends, correlations, and anomalies, or to validate a theory or hypothesis.

In the past, data was analyzed to make future decisions.

Today, data can be analyzed to make real-time decisions, spot emerging trends and uncover insights that would not be evident using legacy data processes.

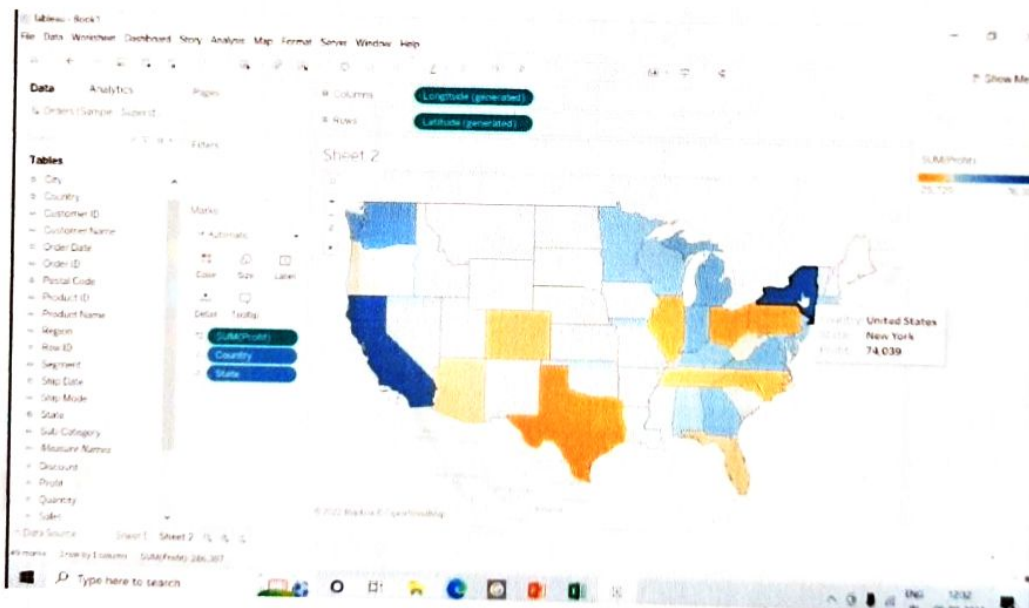
Satpal Rajput has left the meeting

Vandana chavan

52 others

You

12:06 PM | SPPU FOP on DBMS by ...



Session by Ms. Vandana Chavan

