

"Techno-Social Excellence"
Marathwada Mitramandal's
INSTITUTE OF TECHNOLOGY (MMIT)
Lohgaon, Pune- 411 047

Ref.No.: MMIT/AI & DS/2022-23/20

Date: 09/12/2022

"Excellence in the field of AI & DS"
DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE

NOTICE

All the SE(AI&DS) students are hereby informed that guest lecture on "Advances in Discrete Mathematics" is arranged on dated 12/12/2022 (Monday). This Guest lecture insight on providing the knowledge of a Discrete Mathematics in Encryption and Decryption, Computer Network Designing, Job Scheduling.

Resource Person: Mr. Sagar Shinde

Date : 12/12/2022 (Monday)

Time : 10:00 am to 1:00 pm

Venue : E101

ATTENDANCE IS MANDATORY




Coordinator
Mr. N. S. Shaikh


HOD
Mr. S. A. Agrawal



"Techno-Social Excellence"
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INSTITUTE OF TECHNOLOGY(MMIT)
Lohgaon, Pune-47

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


Guest Lecture

On

Advances in Discrete Mathematics

Held on
12th December 2022


Coordinator
Mr. N. S. Shaikh


HOD
Mr. S. A. Agrawal

Guest Lecture Details

Subject: Advances in Discrete Mathematics

Attendee: 34 Students (SE AI & DS students)

Organized By: Department of Artificial Intelligence and Data Science, MMIT, Lohgaon-411 047

Date: 12th Dec. 2022

Mode of conduction: Offline

Resource Person:

Name: Mr. Sagar Shinde

Experience: 10 Years

Designation: Assistant Professor

Institute: Modern Education Society's College of Engineering Pune.

Objective of Guest Lecture

The objective of this expert lecture insight on providing the knowledge of a Discrete Mathematics in Encryption and decryption, Computer Network Designing, Job Scheduling.

Introduction:

Discrete mathematics is mathematics that deals with discrete objects. Discrete objects are those which are separated from (not connected to/distinct from) each other. Integers (aka whole numbers), rational numbers (ones that can be expressed as the quotient of two integers), automobiles, houses, people etc. Principles of discrete mathematics are utilized in Computer Engineering including Algorithms, Computer Architecture, Computer Systems, Databases, Distributed Systems, Functional Programming, Machine Learning, Networks, Computer Security, and Operating Systems.

Session by Mr. Sagar Shinde

He highlighted the importance and application of Discrete Mathematics.

Following topics are covered in the seminar

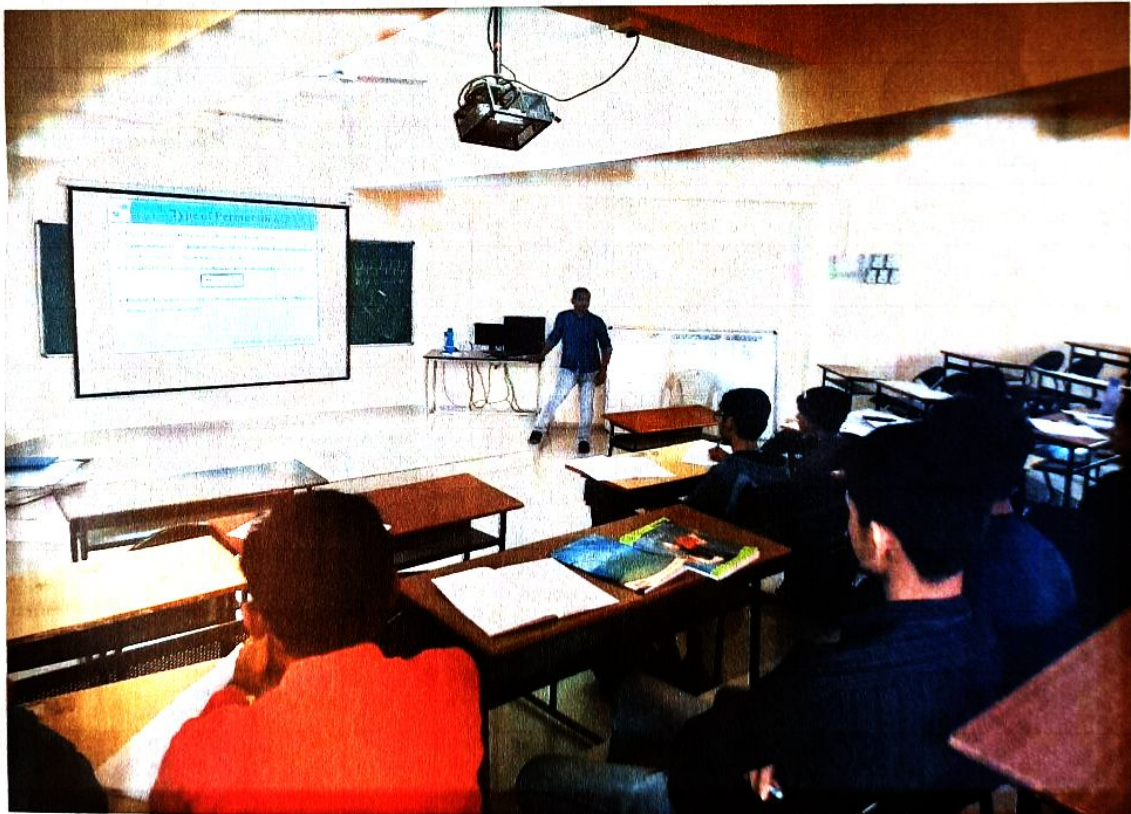
- Permutation Combination
- Graph Theory

The speaker introduced students about the Permutation and Combination, Graph Theory with example and its use in real life applications.

Program Outcomes

- Students have understood the importance of permutation and combination in Cyber Security.
- Students have understood how to use graph theory to find out minimum shortest path using Dijkstra's Algorithm.

Session photos







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Lohgaon, Pune-411047.**

"Excellence in the field of AI & DS"

Department of Artificial Intelligence & Data Science

Attendance of Guest Lecture on 'Advances in DM'

Date: 12/12/2022

Sr. No	Roll No	Name of the Students	Sign
1	SE31	Vidyesb S. Padil	
2	SE07	Anurag A. Bhopade	
3	SE04	Rohit S. Borole	
4	SE05	Sakshi M. Karekar	
5	SE10	Nidhi Deshmukh	
6	SE09	Krushnali Gulamkar	
7	SE24	Gautamzi Deshpande	
8	SE15	Khushi Mujawar	
9	SE20	Thorat Snehal	
10	SE21	Shenkar Akshada	
11	SE01	Kadam Sumedh Subodh	
12	SE03	Penna Venkata Swapna	
13	SE08	Jadhav vikas vijaykumar	
14	SE12	Ashutosh Dalvi	
15	SE32	Sainath S. Dahiwal	
16	SE25	Harshal R. Sutar	
17	SE26	Rash R. Aphale	
18	SE23	Ameya A. Pise	
19	SE17	Vidhyadhar MUSkawad	
20	SE22	Rahul sarnikar	
21	SE27	Pushkar kale	
22	SE06	Apurva Bhanuse	

Sr. No	Roll No	Name of the Students	Sign
23	28	Jay Chakole	Jay
24	29	Pratik Harge	Pratik
25	36	Prasad S. Bhokare	Bhokare
26	37	Sanket Yedle	Yedle
27	SE 30	Purvesh Chaudhari	Chaudhari
28	SE 16	Chinmay Dagade	Dagade
29	SE 18	Viraj Kureale	Kureale
30	SE 14	Prashika Nikam	Nikam
31	SE 02	Priya Jagadhane	Jagadhane
32	SE 35	Pratiksha Madhujkar	Madhujkar
33	SE 39	Shruti Lakshinge	Lakshinge
34	SE 19	Shivam Chohan	Chohan

15/11
Mr. N. S. Shaikh
Class Teacher