



Xavier Institute of Engineering
Mahim, Mumbai 400016

Department of Computer Engineering

(Affiliated to University of Mumbai)

ACTIVITY REPORT on GENETIC ALGORITHMS

Organized By:	Prof. Vijay Jumb, Department of Computer Engineering
Date of the Event:	04/04/2024
Venue:	COMPUTER CENTRE
Name of the Speaker(s):	Mr. Rohit Tiwari
Designation and Organization of the Speaker(s) :	Project Manager, Niveus Solutions Pvt. Ltd
Participants Details:	Second Year Students
Number of Participants:	41

OBJECTIVE(s):

1. Understanding the fundamentals of Genetic Algorithms.
2. Applying Genetic Algorithms to Solve Real-World Problems.

TOPIC: Genetic Algorithms & its Applications

EVENT OUTCOME(s):

1. Independent and Lifelong Learning in Genetic Algorithms and Related Fields.
2. Application of Genetic Algorithm Design for Real-Time Problem Solving

KEY POINTS:

Prof. Vijay Jumb welcomed and introduced the speaker, "Mr. Rohit Tiwari". Mr. Tiwari explained the basics of genetic algorithms, including genes, chromosomes, selection, crossover, mutation, and fitness functions. He discussed real-world applications, highlighting their use in engineering design, economic modelling, and artificial intelligence. Mr. Tiwari presented several case studies and success stories to illustrate the versatility and power of genetic algorithms in solving complex optimization problems. The session ended with a Q&A and a vote of thanks from Cecilia Dinesh, who expressed gratitude to Mr. Tiwari and thanked the participants.



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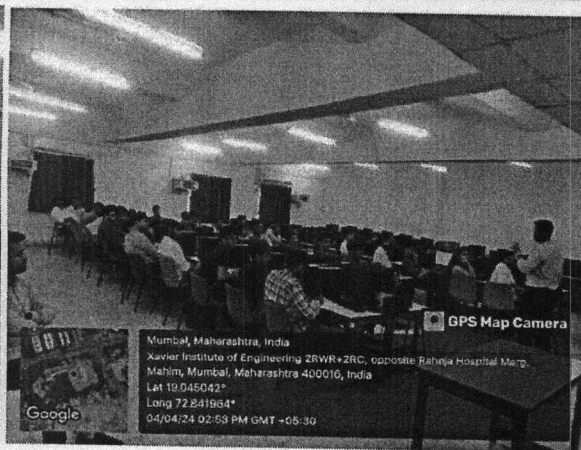
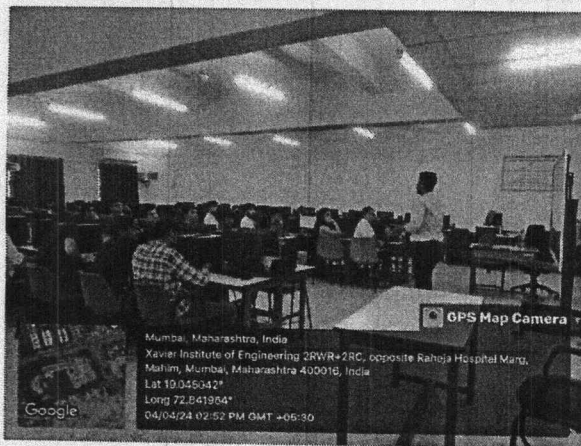
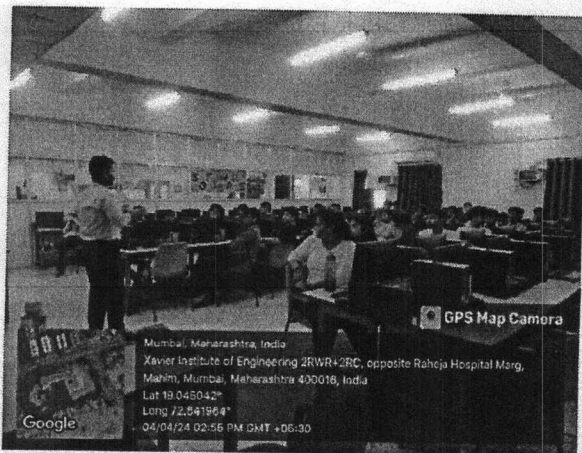
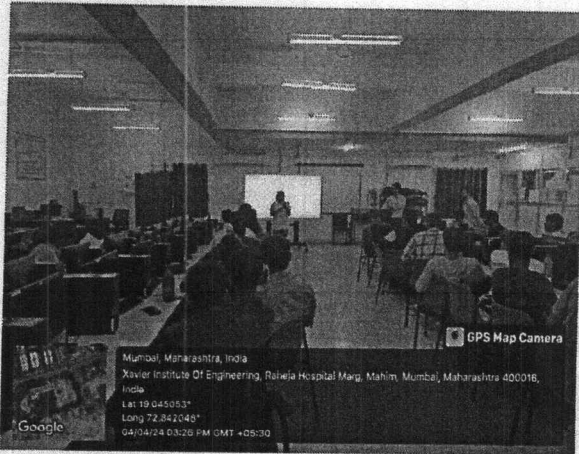
FEEDBACK:

1. Great lecture got to know about the latest application of the algorithm.
2. Very good presentation and well made ppt

PO MAPPING:

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO1 0	PO11 2	PO1 2	PSO 1	PSO 2
Event Outcome	2	2	3	3	3	2	2	2	3	3	1	2	2	2

GALLERY:



Prof. Vijay Jumb