



Xavier Institute of Engineering

Mahim, Mumbai 400016

Department of Computer Engineering

(Affiliated to University of Mumbai)

ACTIVITY REPORT on Guest Lecture for CSS

Organized By:	Dr. Kunal Meher
Date of the Event:	14th Feb, 2024
Venue:	LH-06
Name of the Speaker(s):	Dr. Thomas Schwarz
Designation and Organization of the Speaker(s) :	Associate Professor in the Department of Mathematics, Statistics, and Computer Science in Marquette University
Participants Details:	TE Computer Students
Number of Participants:	51

OBJECTIVE(s):

1. To understand mathematics behind current modern cryptography.
2. To check safety of modern cryptography under threat of quantum computing.

TOPIC: Why we can trust Cryptography

EVENT OUTCOME(s):

1. Students are able to engage in independent and life-long learning in the broadest context of Cryptography.
2. Students are able to understand impact of cryptography on society and for sustainability.

KEY POINTS:

Dr. Kunal Meher welcomed and introduced the speaker to the audience.

The expert speaker, Dr. Thomas Schwarz started the session by explaining the importance of cryptography and mathematics used behind it. He explained why we trust cryptography and how it can be vulnerable to quantum computing using Shor's algorithm and Grover's algorithm.

The workshop was followed by a Question-Answer session, facilitating the participants to get inputs from trainers on their queries related to the topic of the guest lecture. The trainer addressed the all questions and provided their valuable recommendations for the same to the participants.

The session was ended with Vote of Thanks from Dr. Kunal Meher.



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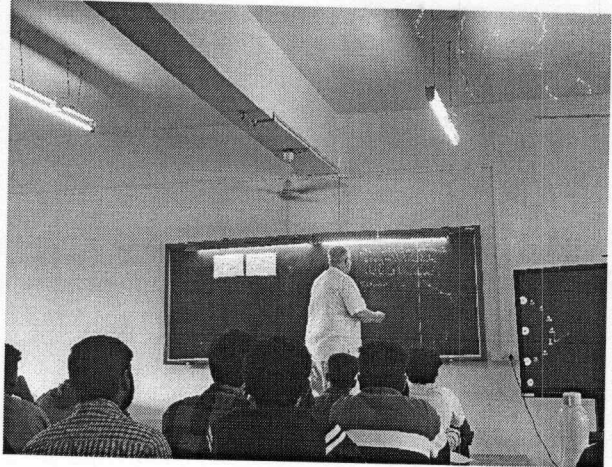
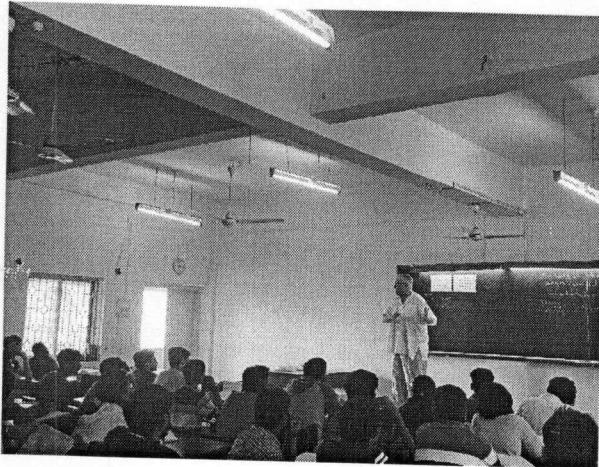
FEEDBACK:

- Great experience with international faculty

PO MAPPING:

#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
EO1	3				3							3	3	
EO2	3				3	3	3						3	

GALLERY:



Event Coordinator

Dr. Kunal Meher,

Assoc Professor & HoD,

Department of Computer Engineering