

DATE: 24/02/2022

Event Coordinator(s)

1. Kunal Meher

Time & Place:

24/02/2022

(11:15AM-12:45PM)

Google Meet Online session,

**Xavier Institute of
Engineering,**

Mahim, Mumbai

Department:

Computer Engineering

No of participants: 46

EVENT: Guest Lecture on Trends in Cryptography

Resource Person: Mr. Sridhar Iyer
Asst. Prof.,
D. J. Sanghvi COE

Target audience: Third Year Computer Engineering students.

Purpose: To understand recent trends and research in cryptography technologies and their future.


Course Outcome: CO6

Topics Covered:

1. What is Cryptography and its types.
2. Introduction to Artificial Neural Networks(ANN)
3. How ANN find their applications in Cryptography?
 - Sequential Machines
 - Jordan Network
 - ANN based Sequential Machines
 - Cryptography using Chaotic Neural Network
 - Generative Adversarial Network
4. Conclusion

Student Feedback and Benefits:

- Speaker was so good with a high knowledge of everything every technology. We get lot's of technical knowledge from this session
- Very informative and interesting session! Loved the examples
- It was a great session. learned more about advances in cryptography.
Thank you very much Sir


Kunal Meher
Asst. Prof. and HOD
(Comp Dept)

The screenshot shows a Google Meet interface with a presentation slide titled "Agenda". The slide content is as follows:

- Cryptography and its types?**
- Unconventional Alternatives to Cryptography**
- Introduction to Artificial Neural Networks(ANN)**
- How ANN find their applications in Cryptography?**
 - Sequential Machines
 - Jordan Network
 - ANN based Sequential Machines
 - Cryptography using Chaotic Neural Network
 - Generative Adversarial Network
- GAN's In Depth (Demo)**
- GAN's for Cryptography**
- Quantum Cryptography**
- Conclusion**

The Meet interface includes a top bar with a "REC" button and the name "Sridhar Chandramohan is presenting". A grid of participant tiles is visible on the right, including Sridhar Chandramohan, Varun Sheth, Aniruddha Khand..., Justin Rodrigues, Angelica Sebastian, Gautam Gupta, Nikhil Jadhav, 10 others, and You. The bottom of the screen shows the Windows taskbar with the search bar and system tray.