Expert Lecture on

"Security in Distributed System"

25th September, 2021

S. N. Patel Institute of Technology & Research Centre

Umrakh- Bardoli

Computer Science & Engineering Department

Report Prepared by: Ms. Toral M. Desai

VENUE

(Online Mode)

SITARAMBHAI NARANJI PATEL
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Webinar Topics	Security in Distributed System
Date	25/09/2021, Saturday 10:00 am onwards
Department & Year	4th Year Computer Science & Engineering
Venue	Google Meet Platform
Expert	Mr. Manojkumar H. Radadiya, Senior Information and Network Security Engineer, Jio Platform Ltd. Navi Mumbai
Event Co-ordinator	Prof. Toral M. Desai

Topics Covered in Webinar

➢ Secure Channels - Authentication, Message Integrity and Confidentiality,
➢ Secure Group Communication
➢ Access Control- General Issues in Access Control
➢ Firewalls
➢ Secure Mobile Code
➢ Denial of Service
➢ Security Management -Key Management, Secure Group Management, Authorization Management

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Objective of Expert Lecture:

A distributed system is a system whose components are located on different networked computers, which communicate and coordinate their actions by passing messages to one another from any system. The components interact with one another in order to achieve a common goal.

Distributed systems are an important development for IT and Computer Science as an increasing number of related jobs is so massive and complex that it would be impossible for a single computer to handle them alone.

The security of information systems is the most important principle that can also be said that the most difficult, because security must be maintained throughout the system. The securities of distributed systems are divided into two parts: A portion of the communication between users and processes is concerned with examining issues such as authentication, message integrity and encryption. In Second part, the guaranteed access permissions to resources in distributed systems.

About expert Speakers:

Mr. Manojkumar H. Radadiya

Senior Information and Network Security Engineer,

Jio Platform Ltd. Navi Mumbai

He has conferred the bachelor's degree in Computer Science & Engineering with First Class Distinction from Gujarat technological university, Ahmadabad in 2013. Mastered the field of IT Systems and Network Security (**Gold Medalist**) with 8.74 CPI from Gujarat technological university, Ahmadabad in 2016. He done his Research work for his thesis submission in the domain of Cloud computing and High Performance Computing from Centre for Development of Advanced Computing, Pune in 2016.

Currently, serving as a Senior Information and Network Security Engineer in Jio Platform Ltd. Navi Mumbai.

His areas of interest include Explainable Artificial Intelligence, Machine learning, Network Security, Healthcare and Deep Learning, Information Security.

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Outcome of Expert Lecture:

➢ Mr. Manojkumar H. Radadiya has delivered such an ergastic presentation for what is security, Secure Channels, Firewalls and Security Management etc. He has demonstrated live demo on bank site. The whole session was interactive and students enjoyed a lot during the session to learn new things.
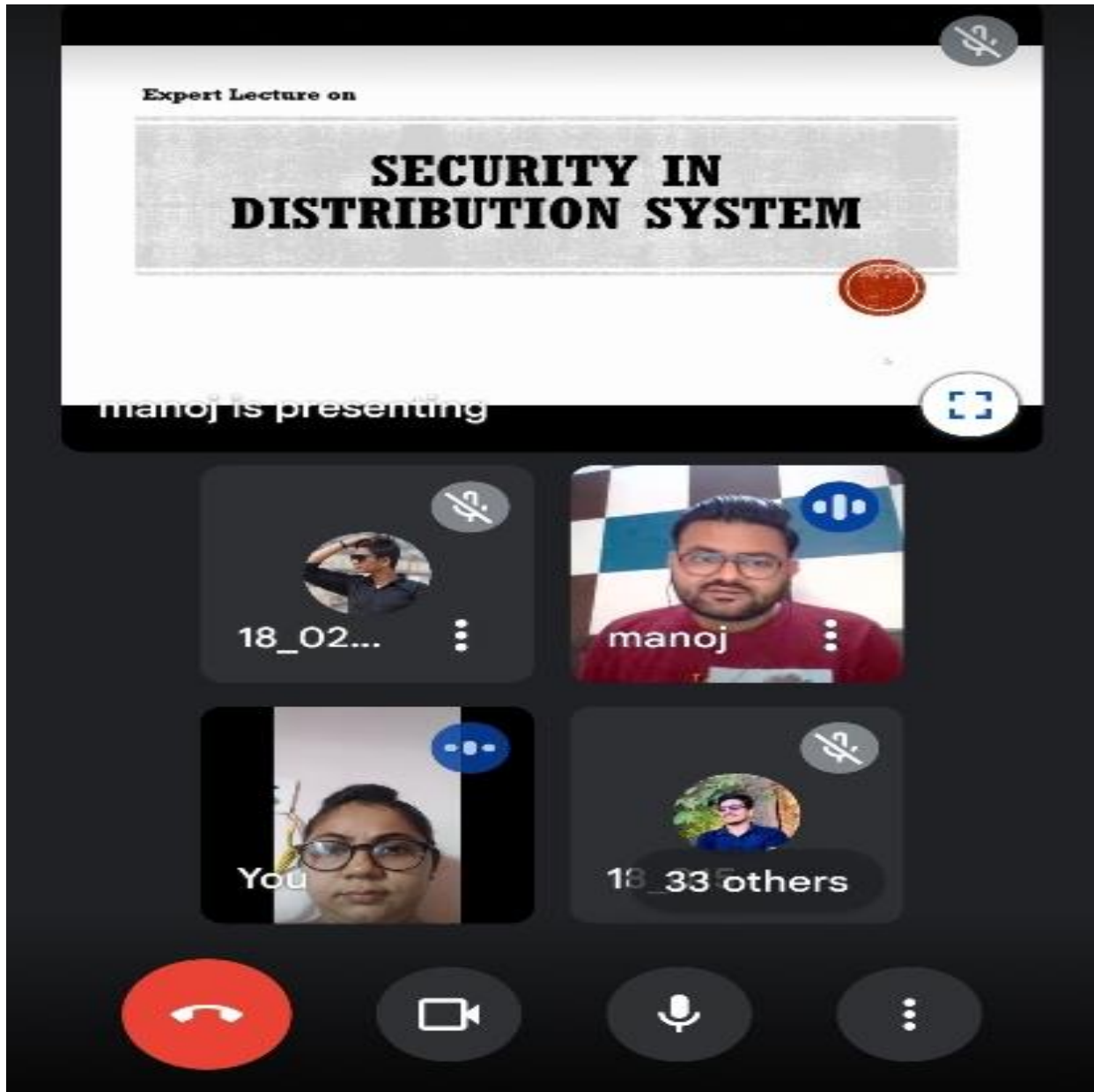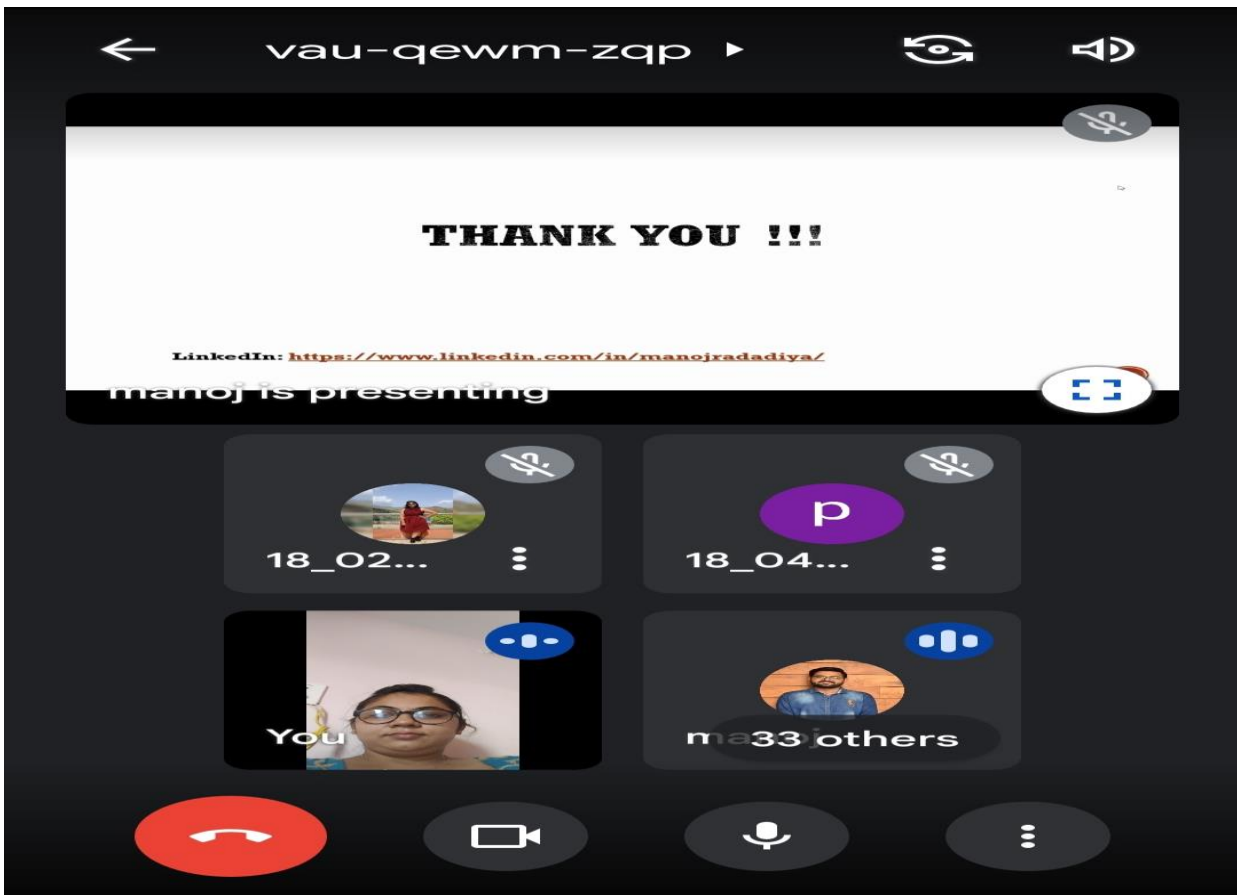
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CERTIFICATE OF APPRECIATION FOR MR. MANOJKUMAR H. RADADIYA

S. N. Patel Institute of Technology & Research Centre, Umrakh
(A Vidyabharti Trust Institution)

Certificate of Appreciation

This certificate is awarded to

Mr. Manojkumar H. Radadiya

In the view of his noteworthy contribution as an eminent speaker in the Expert Lecture on

"Security in Distributed System"

on

25th September, 2021

organized by

Computer Science & Engineering,
S. N. Patel Institute of Technology & Research Centre, Umrakh.

Dr. Piyush S. Jain
Principal
SNPIT&RC, UMRAKH

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