

**A
Summary Report
Of
Expert Session
On**

“Vulnerability Assessment and Penetration Testing”

Date: 28th February 2025

**Organized
By**

**Department of Cyber Security and Artificial Intelligence,
Gandhinagar Institute of Technology**



**University Campus: Khatraj – Kalol Road, Moti Bhoyan,
Tal. Kalol, Dist. Gandhinagar-382721 Gujarat India.**

SESSION OUTLINE

Title of Program: Expert Session

Date of Session: 28 February 2025

Time Of Session: 11:00 AM To 12: 00 PM

Mode of Conduction: Offline

Tools: Open Source

No of Participants: 35 (Students)

Session Expert: **Dr. Ravi Sheth,**
Senior Assistant Professor (IT),
School of Applied Sciences, Engineering and
Technology,
Rashtriya Raksha University
(An Institution of National Importance)
Ministry of Home Affairs, Government of India.

Session Coordinator: **Mr. Dhaval M Chudasama**
Assistant Professor,
Head – Gandhinagar Institute of Skill Development,
Head – Cyber Security and Artificial Intelligence, GIT,
Gandhinagar University.

INTRODUCTION

In today's digital world, cyber security has become a critical aspect of protecting sensitive information and ensuring the safety of individuals, organizations, and governments. Cyber security refers to the practice of safeguarding computer systems, networks, and digital data from unauthorized access, cyberattacks, and data breaches. It involves a combination of technologies, processes, and best practices designed to defend against threats such as hacking, malware, phishing, and ransomware.

With the increasing reliance on the internet, cloud computing, and connected devices, cyber threats are evolving at an unprecedented rate. Cybercriminals exploit vulnerabilities to steal personal data, disrupt business operations, and even manipulate critical infrastructure. This makes it essential for individuals and organizations to implement strong security measures, such as encryption, firewalls, multi-factor authentication, and regular security audits.

Cyber security is not just a concern for IT professionals; it affects everyone. From securing personal information on social media to protecting financial transactions and national security, cyber security plays a vital role in modern society. As technology continues to advance, so does the need for robust cyber defense strategies to mitigate risks and ensure a secure digital future.

EXPERT PROFILE

Expert	Profile
Dr. Ravi Sheth Senior Assistant Professor (IT), School of Applied Sciences, Engineering and Technology Rashtriya Raksha University (An Institution of National Importance) Ministry of Home Affairs, Government of India	● Dr Sheth has over 15 years of teaching experience. His keen area of interest lies in multimedia security, deep learning, machine learning, pattern recognition, VAPT, and cyber forensics. He has a combined experience in teaching, research, and training. ● Dr Sheth has organized several high-quality training and extension programs for law professionals, teachers, and students across India. He has published over 50 research articles in international refereed journals in cyber security, cyber forensics, and artificial intelligence. ● Dr Sheth has been a part of various conferences as a member of the technical committee and reviewer. He has presented many research papers at international and national conferences and seminars. ● Dr Sheth has been invited as a resource person in many workshops/seminars/training programs. He has delivered many expert talks on various aspects of multimedia security, social media investigation, cyber forensics, pattern recognition, and darknet investigation for law professionals, teachers, and students across India. ● Dr Sheth has filed a patent for a "Portable Mobile Forensic Data Acquisition Tool." He provides research guidance to students of Rashtriya Raksha University in cyber security, cyber forensics, machine learning, and pattern recognition.

EVENT POSTER



EXPERT SESSION ON **VAPT**



Keynote Speaker:

Dr. Ravi Sheth

Senior Assistant Professor (IT),
Rashtriya Raksha University

 28 FEB 2025

 11:00 AM – 12:00 PM

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DEPARTMENT OF CYBER SECURITY AND ARTIFICIAL INTELLIGENCE
GANDHINAGAR INSTITUTE OF TECHNOLOGY
GANDHINAGAR UNIVERSITY, GANDHINAGAR 382721

ATTENDANCE SHEET



GANDHINAGAR UNIVERSITY

(Established and Incorporated Under Gujarat Private University Act No. 7 of 2022)

Gandhinagar Institute of Technology

Academic Year: 2024-25

Department of Cyber Security and Artificial Intelligence

Attendance Sheet of Expert Session

Date: 28/02/2025

Time: 11AM to 12PM

Sr. No.	Student Name	Sign
1	Jitesh Somra	Jitesh
2	Khushi Nandini	Nandini
3	Pooja Mehta	mehta
4	Diya Patel	Diya
5	Stuti Mishra	Stuti
6	Aaryan Patel	Aaryan
7	Devisha Khandelwal	Devisha
8	Vanshika Singh	Vanshika
9	Sneha Gauri	Sneha
10	Rawal Diya	Diya
11	Ruhana Shaikh	Ruhana
12	Sangam Kushwaha	Sangam
13	Amrita Kushwaha	Amrita
14	Sneha Singh	Sneha
15	Shruti Muskan	Shruti
16	Gauri Anshika	Gauri
17	Patel Jiya	Jiya
18	Patel Roshani	Roshani
19	Rawal Yashvi	Yashvi
20	Divyanshi	Divyanshi
21	Rakhi Shah	Rakhi
22	Shah Simran	Simran
23	Yadav Siya	Siya
24	Shah Mahak	Mahak
25	Simran Kushwaha	Simran
26	Dipika Kumari	Dipika
27	Patel Siya	Siya
28	Patel Seema	Seema
29	Ritu Sharma	Ritu
30	Patel Teel	Teel
31	Patel Priyanka	Priyanka
32	Suthar Teel	Teel
33	Soni Rohit	Rohit
34	Pandey Vrat	Vrat
35	Thakur Deep	Deep

GLIMPSES OF EXPERT SESSION



*Thank
you*

