



TECNIA INSTITUTE OF ADVANCED STUDIES
GRADE "A" INSTITUTE
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REPORT ON

Participative Learning Of BCA Department 2022-23

SUBJECT: - E-Commerce (305)

Activity: A Group discussion was held in fifth semester students on the topic Virtual Private Networks (VPNs) in today's digital landscape.

Introduction

The group gathered to discuss the significance, benefits, challenges, and various aspects of Virtual Private Networks (VPNs) in today's digital landscape.

Execution of the activity:

It was required of the BCA third-year students to have group discussion on the topic Virtual Private Networks (VPNs) in today's digital landscape. The third year students of BCA students did this effectively.

Faculty In Charge: Dr. Deepak sonker

Participants: Students of 3rd A (3rd Year)

Date: 17/11/2023

Department: Computer Application

OBJECTIVES OF THE ACTIVITY:

1. Critical Thinking and Problem Solving:

Encourage participants to think critically about the topic, analyze information, and propose solutions to problems.

2. Communication Skills Enhancement:

Improve verbal communication skills, including clarity, coherence, and expression of ideas.

3. Active Listening:

Encourage them to pay attention to others' viewpoints, ask clarifying questions, and build on each other's ideas.

4. Knowledge Sharing:

Group discussions provide an opportunity for individuals to share their insights, experiences, and expertise on a given topic.

5. Decision-Making Skills:

Develop participants' ability to make informed decisions by weighing various options and considering different perspectives.

6. Team Building:

Group discussions encourage participants to work together, respect each other's opinions, and find common ground, contributing to a positive team dynamic.

7. Confidence Building:

Build participants' confidence in expressing their ideas in a group setting.

8. Feedback Reception and Incorporation:

Train participants to receive constructive feedback positively and incorporate it into their future contributions.

Learning Outcomes

1. Introduction to VPN:

Moderator introduces the concept of VPN, its purpose, and its relevance in ensuring secure communication over the internet

2. Benefits of Using VPN:

Participants discuss the advantages of using VPNs, such as enhanced security, privacy, and the ability to access resources remotely.

3. Types of VPNs:

The discussion explores various types of VPNs, including remote access VPNs, site-to-site VPNs, and the differentiation between SSL VPNs and IPsec VPNs.

4. Security and Encryption:

Participants delve into the security aspects of VPNs, discussing encryption protocols used in VPN connections.

5. Authentication Mechanisms:

The group explores different authentication methods employed in VPNs, such as usernames and passwords, digital certificates, and two-factor authentication.

6. Challenges and Concerns:

Participants discuss common challenges and concerns associated with VPN usage, including potential security vulnerabilities.

7. Remote Work and VPNs:

Given the increasing trend of remote work, participants discuss how VPNs facilitate secure remote access to corporate networks and the challenges organizations face in ensuring a secure remote workforce.

8. VPN and Online Privacy:

The discussion extends to how VPNs contribute to online privacy by masking IP addresses and preventing unauthorized access to sensitive information

9. Technological Trends and Innovations:

Participants discuss emerging trends and innovations in the VPN landscape, such as the adoption of Zero Trust principles, Software-Defined Networking (SDN), and the integration of VPNs with cloud services.

10. Industry Use Cases:

The group explores specific industry use cases where VPNs play a crucial role, such as in healthcare, finance, or manufacturing.

List of Participants:

SNo	Enroll No.	Name of Student
1	00117002021	Dhruv Verma
2	00217002021	Ujjwal Juneja
3	00317002021	Vedant Kumar
4	00417002021	Rishika Arora
5	00517002021	Abhishek Rana
6	00617002021	Sanidhya Singh
7	00717002021	Sampann Arora
8	00817002021	Satvik
9	00917002021	Rahul Mittal
10	01017002021	Mayank Choudhary

11	01117002021	Kamar Alam
12	01217002021	Tarun Aggarwal
13	01317002021	Dev Nalwa
14	01417002021	Pratham Babberwal
15	01517002021	Puneet Kumar
16	01617002021	Mahiva Bansal
17	01717002021	Aman Sharma
18	01817002021	Hardeep Singh
19	01917002021	Shehbaz
20	02017002021	Dhruv Singh Rathore

Annexures:



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