



"Techno – Social Excellence"  
MARATHWADA MITRAMANDAL'S  
INSTITUTE OF TECHNOLOGY  
Lohgaon, Pune-411047

Date: 17/05/2023

"Towards Ubiquitous Computing Technology"  
DEPARTMENT OF COMPUTER ENGINEERING

## NOTICE

All the SE,TE & BE (COMP) students are hereby informed that guest lecture on "CCNA " is arranged on dated 20/05/2023(Saturday) at 10:00 AM. Link will be shared.


**ATTENDANCE IS MANDATORY**


### Details:

Day & Time: 20/05/2023

Venue:-Google Meet

**ATTENDANCE IS MANDATORY**

  
Coordinator  
Ms. M.S. Jagtap

  
HOD  
Mr. S. G. Rathod

HOD  
Computer Engg.  
Marathwada Mitra Mandal's  
Institute of Technology (MMIT)  
Lohgaon, Pune - 411 047





**“Techno-Social Excellence”**  
**Marathwada Mitra Mandal's**  
**INSTITUTE OF TECHNOLOGY (MMIT)**  
**Lohgaon, Pune-47**

**“Towards Ubiquitous Computing Technology”**  
**Department of Computer Engineering**  
**(Academic Year 2022-23)**

**Guest Lecture**

**On**

**CCNA**

**Held on**

**20<sup>th</sup> May 2023**

**Coordinator**  
**Ms. M. S. Jagatap**

**HOD**  
**Mr. S.G. Rathod**



## **Online Seminar**

### **Details**

**Subject:** Online Webinar

**Attendee:** 76 Computer Engineering Students

**Organized By:** Department of Computer Engineering, MMIT, Lohgaon-411 047

**Date:** 20<sup>th</sup> May 2022

**Time:** - 10.00 A.M to 1.00 P.M

**Platform:** - Google Meet

### **Resource Persons:**

**Name:** Mr. Prafful Chavan  
**Designation:** Cloud Project Lead & Manager  
**Company name:** Dassault Systems Global Services, Hinjewadi

### **Objectives**

The objective of this guest lecture is to help the students to gain knowledge about Basics of CCNA

### **Contents**

The lecture was conducted in online sessions at 10:00 am on 20<sup>th</sup> May 2023. And they will be guide to students to gain knowledge about CCNA

### **Points to be discussed during session:**

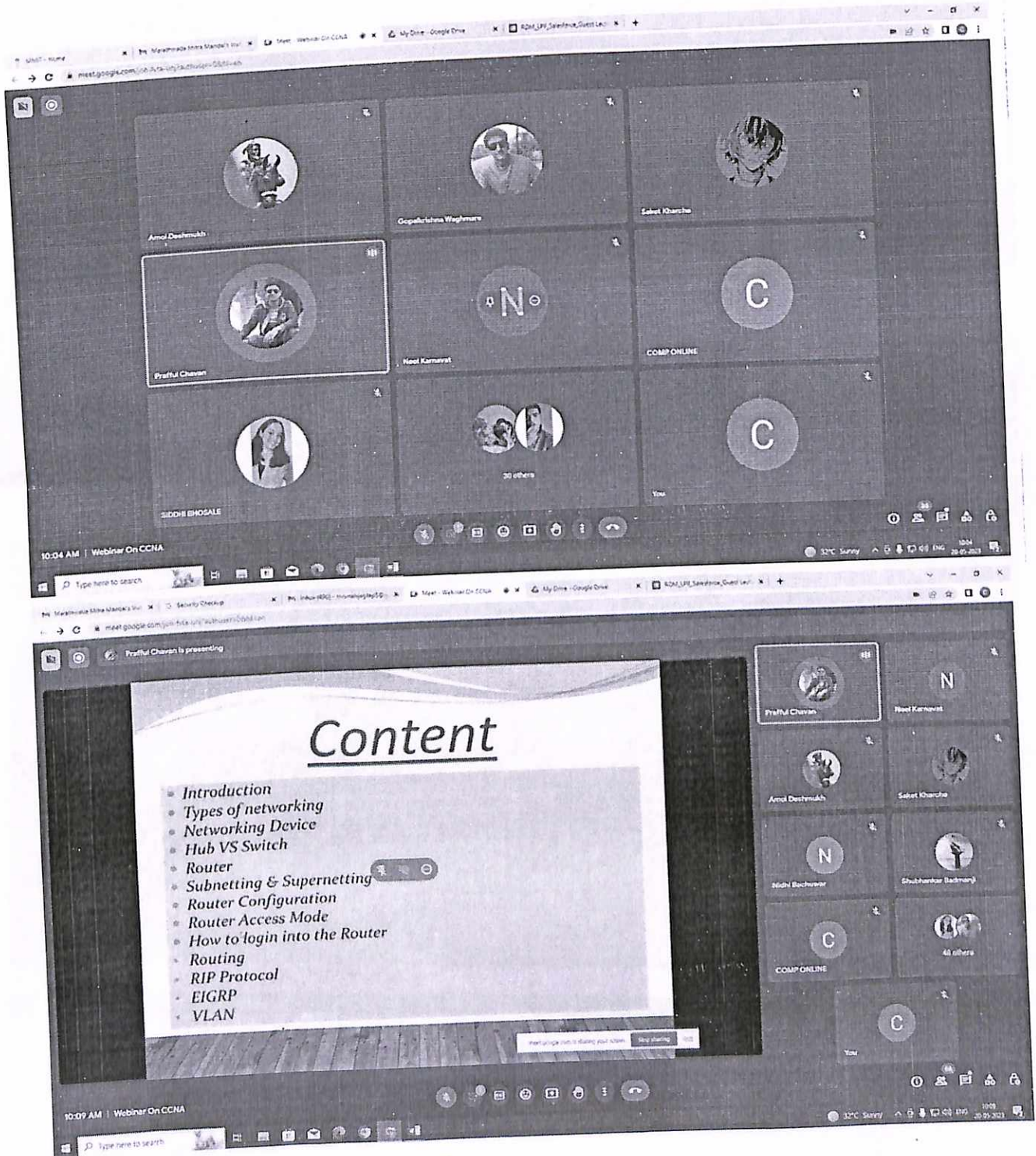
Basics of Networking  
Different Concepts related to Computer Network (MAN, WAN, LAN etc)  
Detail Knowledge of IPV4, IPV6  
Configure, Verify, and troubleshooting VLANs  
Routing & Switching: Routing protocols, Commands with CISCO Packet Tracer with practical  
Introduction with CCNA, CCNP

## Outcomes

Participants are able to,

1. Understand the importance of Computer Network
2. Understand the working of Networking
3. Able to understand the CCNA,CCNP

## Photos







11:35 AM | Webinar On CCHA

## BRIDGES in Computer Networks

**Bridges**

Bridges are intelligent repeaters. They regenerate transmitted signals, but unlike repeaters, they can also determine destinations.

11:35 AM | Webinar On CCHA

34°C Sunny

12:30 PM | Webinar On CCHA

## Network Hierarchies

12:30 PM | Webinar On CCHA

35°C Sunny





Pratful Chauhan is presenting

### CISCO CERTIFICATION LEVELS

**CCA** Cisco Certified Architect  
**CCIE** Cisco Certified Internetwork Expert  
**CCNP** Cisco Certified Network Professional  
**CCNA** Cisco Certified Network Associate

10:22 AM | Webinar On CCNA

People

- Mute all
- Add people
- SIDDHESH SHELKE
- SIDDH BHOISALE
- Siddhi Parthasar
- Suresh Puri
- Suresh Desai
- Swayam Ranjive
- Tanuj Varagade
- Vishay Mule
- Vedant Phale
- Vishakh Sriniv
- Yash Ashraf
- Yash Chavara

Also invited

10:22 AM | 32°C Sunny

Pratful Chauhan is presenting

### Networking Devices

Equipment that connects directly to a network segment is referred to as a device.

These devices are broken up into two classifications.

- End-user devices
- Network devices

End-user devices include computers, printers, scanners, and other devices that provide services directly to the user.

Network devices include all the devices that connect the end-user devices together to allow them to communicate.

10:54 AM | Webinar On CCNA

People

- Mute all
- Add people
- Suresh Desai
- Swayam Ranjive
- Tanuj Varagade
- Vishay Mule
- Vedant Phale

Also invited

- comp\_be\_@bhamit.edu.in
- comp\_be\_@bhamit.edu.in
- comp\_be\_@bhamit.edu.in
- comp\_be\_@bhamit.edu.in
- comp\_be\_@bhamit.edu.in
- comp\_be\_@bhamit.edu.in
- hod\_computer@bhamit.edu.in

10:54 AM | 31°C Sunny

Pratful Chavan is presenting

```

R1#conf t
R1(config)#int fa0/24
R1(config-if)#ip address 192.168.1.1 255.255.255.0
R1(config-if)#no shut
R1(config-if)#exit
R1(config)#int fa0/20
R1(config-if)#ip address 192.168.2.1 255.255.255.0
R1(config-if)#no shut
R1(config-if)#exit
R1(config)#ip route 0.0.0.0 0.0.0.0 192.168.1.254
R1(config)#exit

R2#conf t
R2(config)#int fa0/24
R2(config-if)#ip address 192.168.1.2 255.255.255.0
R2(config-if)#no shut
R2(config-if)#exit
R2(config)#int fa0/20
R2(config-if)#ip address 192.168.2.2 255.255.255.0
R2(config-if)#no shut
R2(config-if)#exit
R2(config)#ip route 0.0.0.0 0.0.0.0 192.168.2.254
R2(config)#exit
  
```

12:51 PM | Webinar On CCNA

Pratful Chavan is presenting

**IP Configuration**

- IP Configuration
  - DHCP  Static
  - IP Address: 192.168.1.1
  - Subnet Mask: 255.255.255.0
  - Default Gateway:
  - DNS Server:
- IPv6 Configuration
  - DHCP  Auto Config  Static
  - IPv6 Address:
  - Link Local Address: FE80::200:1:1::1
  - IPv6 Gateway:
  - IPv6 DNS Server:

12:49 PM | Webinar On CCNA





12:50 PM | Webinar On CCNA

Command Prompt

12:50 PM | Webinar On CCNA

35°C Sunny

12:35 PM | Webinar On CCNA

### IPv6

IPv6 is based on IPv4 and stands for Internet Protocol version 6. It was first introduced in December 1995 by Internet Engineering Task Force. IP version 6 is the new version of Internet Protocol, which is way better than IP version 4 in terms of complexity and efficiency. IPv6 is written as a group of 8 hexadecimal numbers separated by colon (:). It can be written as 128 bits of 0s and 1s.

### IPv6 Address Format

IPv6 Address Format is a 128-bit IP Address, which is written in a group of 8 hexadecimal numbers separated by colon (:).

ABCD:EF01:2745:6789:ABCD:D201:5482:0021

16 Bytes

IPv6 Address Format

12:35 PM | Webinar On CCNA

35°C Sunny

## Attendance

Anjali Sudhir More	TE A
Mrunali Sanjay Gatkal	TE A
Neel Karnavat	TE A
Abhijeet Todkar	TE B
Phadtare Ritesh Avinash	TE B
Palash Pote	TE B
Suyash Prakash Kusumkar	TE B
Kodgire Mansi Deepak	TE B
Sakshi Ram Jagtap	TE A
Samruddhi Takawale	TE B
Patil Sumedh Anil	TE B
Vedashri mahesh phalak	TE B
Yash Patil	TE B
Nishikant Dilip Vetel	TE B
Durgesh Dhamane	TE B
Shruti wadile	TE B
RONIT SHARAD NARWADE	TE B
Nidhi Bachuwar	TE A
Karan Kumar	TE A
Mahesh Babar	TE B
Aditya Suresh Patil	TE B
Simran kalote	TE B
Yash bambal	TE A
Anupam Pandey	TE A
Pooja Maruti Pawar	TE B
Tiya Suresh Jagtap	TE A
Sejal Avinash Zarekar	TE B
Devendra injapuri	TE A
Gaurav Narendra Badgujar	TE A
Triveni Mukund Puri	TE B
Kale Sumit abhang	TE A
Aditya Bandu Tayade	TE B

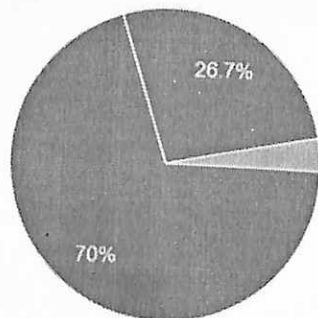


Madhav Tanaji Kadam	SE A
Devesh pravin mahajan	TE A
ashish	TE A
Rohit barshile	BE A
Suyash Ulhas Desai	TE A
Omkar Rajendra Badade	TE B
Atharva Subhash Wagh	TE B
Aditya Prakash Aher	TE A
Meghashree Pawar	TE A
Tejas Madhukar Vairagade	TE B
RAJA BABU	TE B
Raunak Chatteraj	TE B
Prachi Singh	TE B
Yash Tanaji Dharane	TE A
Pranay Bhaurao Rathod	TE B
Aditi Anand Tambat	TE B
Sejal Sharma	TE B
Vishakha Vinod Shirke	TE B
Vaibhav.mule@mmit.edu.in	TE B
Dinesh Madhukar Kote	TE A

### Feedback of Student

How Helpful was the lecture for you?

60 responses

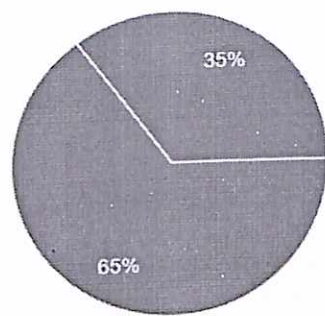


- Extremely Helpful
- Very Helpful
- Somewhat Helpful
- Not Satisfied



# What is your level of satisfaction from Guest lecture

60 responses



- Very Satisfied
- Satisfied
- Somewhat satisfied
- Not Satisfied

Please make indicative your satisfaction for the following aspects of the Session

