

DATE: 25/02/2022

Event Coordinator(s)

1. Ms. Sulochana Devi

Time& Place:

Online, 11.00 am -1.00 pm

25th February 2022

**Xavier Institute of
Engineering**

Department:

Information Technology

No of participant: 67

A guest lecture was organized for SE IT students on the topic “Capacity Planning and Traffic Analysis” and it was delivered by Mr. Vikas Baloda, Assistant Professor, M H Saboo Siddki College of Engineering, Mumbai.

The guest lecture was conducted on Google Meet platform in between 11.00 am to 1.00 pm on 25th February 2022 and was organized by Ms. Sulochana Devi from I.T Department.

67 students attended the guest lecture and the objective of the guest lecture was to provide an insight to the students about capacity planning and traffic analysis in networking

The speaker shared his knowledge on network equipment, on-premise servers, outsourced services, existing services, subnets, remote access requirements, VM demands and external traffic demand. The speaker also demonstrated various tools.

The students were quite amazed at the speaker’s talk and had an interaction with the speaker once the session ended.

Student Feedback and Benefits: It was quite an enriching experience for the students which will help them to estimated network capacity while designing network for any organization.

Ms. Sulochana Devi
Program Coordinator

Ms. Meena Ugale
HOD IT Dept

Dr. Y. D. Venkatesh
Principal

Screen Shots of the guest lecture

This screenshot shows a Google Meet interface during a presentation. The main slide displays the title "Planning capacity & Traffic analysis" and the presenter's name, "By, Er. Vikas Baloda, Assistant Professor, M.H. Saboo Siddik College of Engineering". The right-hand side of the screen features a grid of participant avatars, including Vikas Baloda, Sulochana Devi, TRUPTI Pawar, OSAMA Shaikh, ANURAG Singh, ADITYA Sagavekar, and a group of 49 others. The bottom of the screen shows the meeting controls and a Windows taskbar with the time 11:03 AM on 25/02/2022.

This screenshot shows the same Google Meet interface, but the presentation slide has changed. It features a speedtest result of 12.96 Mbps, a promotional banner for "THE ULTIMATE HOLIDAY DUBAI" with a "SEARCH" button, and two banners for "EXPO 2020 DUBAI UAE" with "Buy your tickets" buttons. The participant grid on the right now includes Vikas Baloda, SUDEEP Poojary, ANISHA Prabhu, Sulochana Devi, TRUPTI Pawar, OSAMA Shaikh, and a group of 50 others. The meeting controls and Windows taskbar at the bottom show the time as 11:13 AM on 25/02/2022.

Inbox (1,050) - sulochana.d@x... x Computer Network and Networ... x Meet - zua-drxn-uhe x Guest Lecture AY-2021-22 Even... x

https://meet.google.com/zua-drxn-uhe?authuser=0

REC Vikas Baloda is presenting

What is Network Capacity Planning?

- ▶ Networks evolve with a business.
- ▶ Whether you are planning a new LAN or maintaining an existing one, you need to model the data capacity requirements on the business's needs.
- ▶ So, your starting point for network capacity planning is to document your existing resources, the networks current performance metrics, and assess potential changes in demand.

11:15 AM | zua-drxn-uhe

Vikas Baloda, SUDEEP Poojary, ANISHA Prabhu, Sulochana Devi, TRUPTI Pawar, OSAMA Shaikh, 49 others, You

11:15 AM 25/02/2022

Inbox (1,050) - sulochana.d@x... x Computer Network and Networ... x Meet - zua-drxn-uhe x Guest Lecture AY-2021-22 Even... x

https://meet.google.com/zua-drxn-uhe?authuser=0

REC Vikas Baloda is presenting

Establishing a baseline

1. Network equipment
2. End-user equipment
3. On-premises servers
4. Offsite servers
5. Outsourced services
6. Existing applications
7. Subnets
8. Remote access requirements
9. VM demands
10. External traffic demand

11:24 AM | zua-drxn-uhe

Vikas Baloda, SUDEEP Poojary, ANISHA Prabhu, Sulochana Devi, TRUPTI Pawar, OSAMA Shaikh, 49 others, You

11:24 AM 25/02/2022

Browser tabs: Inbox (1,050) - sulochana.d@xavi... Computer Network and Network... Meet - zua-drxn-uhe Guest Lecture AY-2021-22 Even

Address bar: https://meet.google.com/zua-drxn-uhe?authuser=0

Meeting header: REC Vikas Baloda is presenting

Screen share content: Cisco Packet Tracer simulation showing a network topology with a central 3024S switch connected to a laptop, a server, and a wireless network.

Participant grid:

- Vikas Baloda (Active)
- ANSHUMAN Sharma
- SOHAM Desai
- SUDEEP Poojary
- ANISHA Prabhu
- Sulochana Devi
- 50 others
- You

Meeting controls: Microphone, Video, Chat, Hand, Share, More, End

System tray: 11:51 AM | zua-drxn-uhe 20°C Mostly sunny 11:51 AM 25/02/2022

Browser tabs: Inbox (1,051) - sulochana.d@xavi... Computer Network and Network... Meet - zua-drxn-uhe Guest Lecture AY-2021-22 Even

Address bar: https://meet.google.com/zua-drxn-uhe?authuser=0

Meeting header: REC Vikas Baloda is presenting

Screen share content: Cisco Packet Tracer simulation with a configuration window for a wireless network interface. The window shows settings for SSID, authentication, and encryption.

Participant grid:

- Vikas Baloda (Active)
- ANSHUMAN Sharma
- SOHAM Desai
- SUDEEP Poojary
- ANISHA Prabhu
- Sulochana Devi
- 51 others
- You

Meeting controls: Microphone, Video, Chat, Hand, Share, More, End

System tray: 12:00 PM | zua-drxn-uhe 20°C Mostly sunny 12:00 PM 25/02/2022