SNS COLLEGE OF TECHNOLOGY

An Autonomous Institution
Coimbatore-35

Department of Artificial Intelligence and Data Science

23ITT204 – Computer Networks

II B.Tech – AI&DS / IV SEMESTER

UNIT I :INTRODUCTION AND APPLICATION LAYER
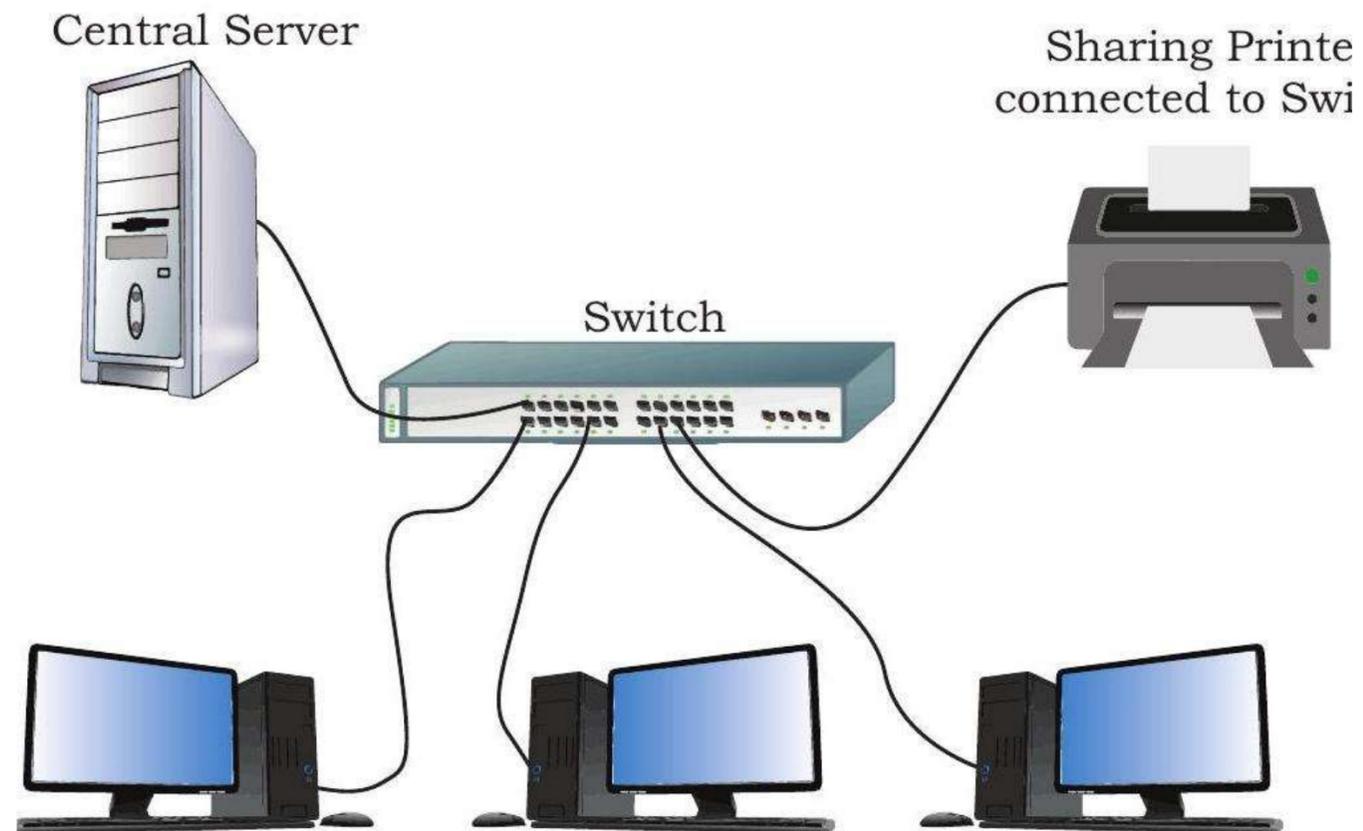
Topic 2: Networks Types

Session's Agenda:

- Introduction

- Classification

- Personal Area Network (PAN)

- Local Area Network (LAN)

- Metropolitan Area Network (MAN)

- Wide Area Network (WAN)
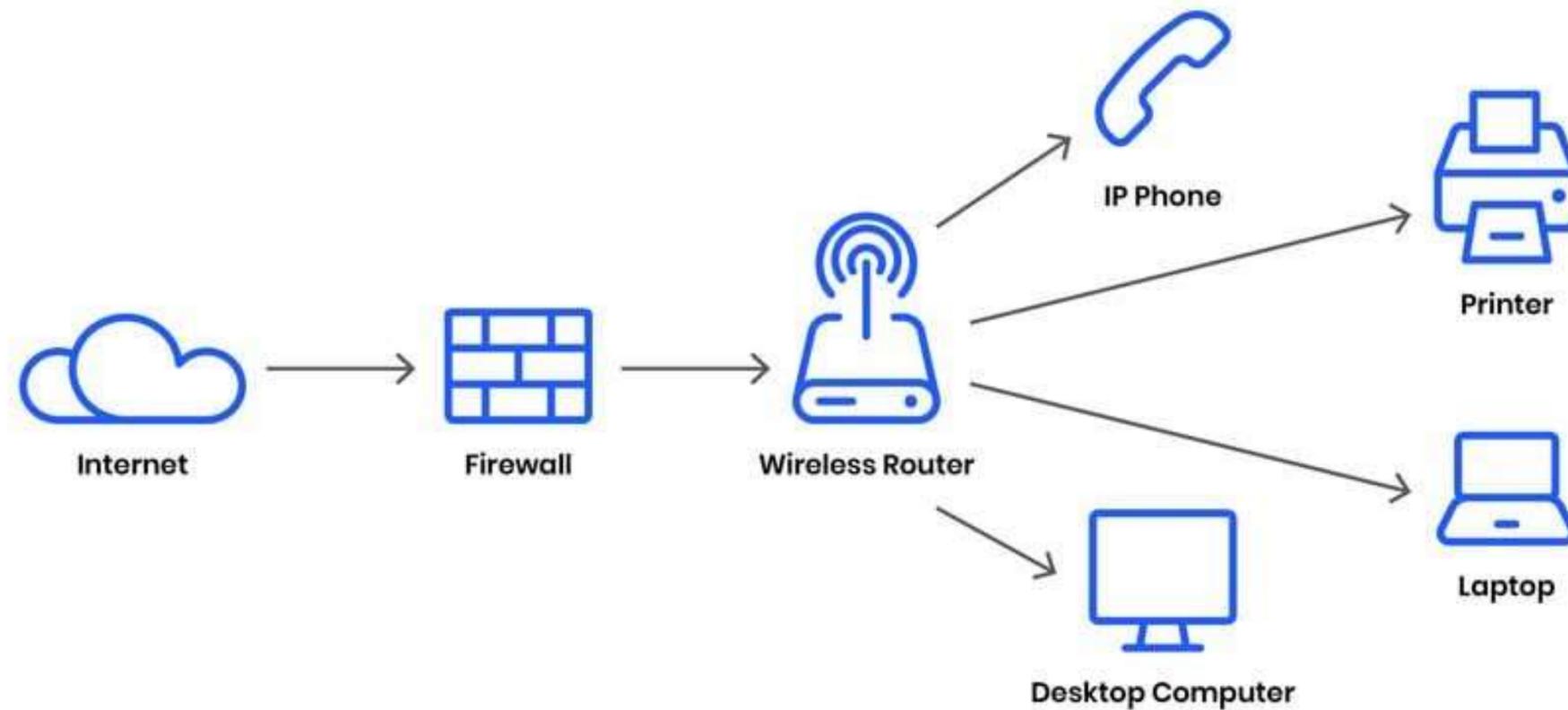
- Real-Time Applications

- Summary

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Recap

- Data Communication (two devices exchanging data)

- Network Basics (multiple devices connected via a router)

Central Server

Sharing Printe
connected to Swi

Switch

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Think !!!

"Imagine you want to share information. Sometimes you share it with your own devices, sometimes with people in the same room, sometimes in the same city, and sometimes across the world. Do we use the same network in all cases?"
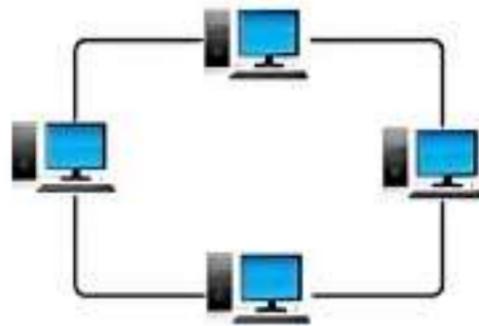
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Define

➢ People share information at different distances (personal, local, city, global), but one single network cannot efficiently support all these needs

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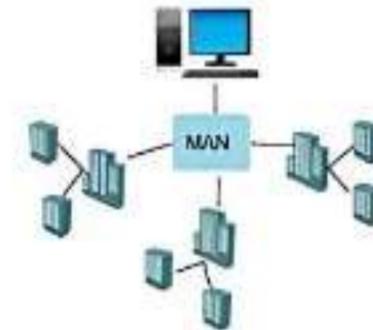Computer Networks | Network Types | Ms.K.Revathi | SNSCT

Ideate

➢ Different network solutions such as PAN, LAN, MAN, and WAN are explored for personal, local, city, and global communication.
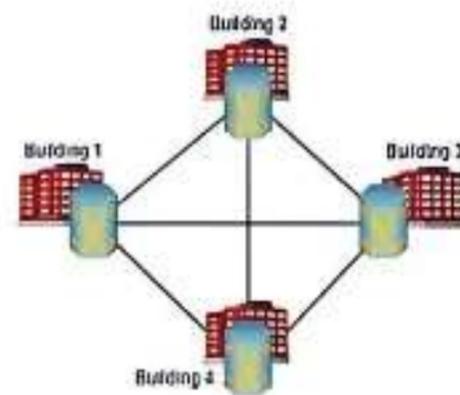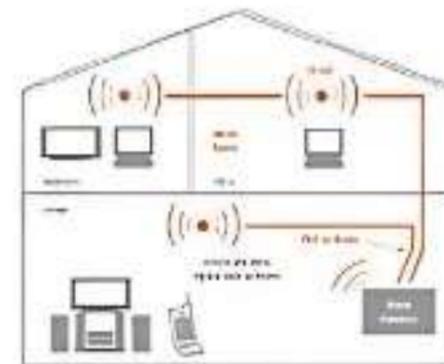

Local Area Networks

Wide Area Networks

Metropolitan Area Networks
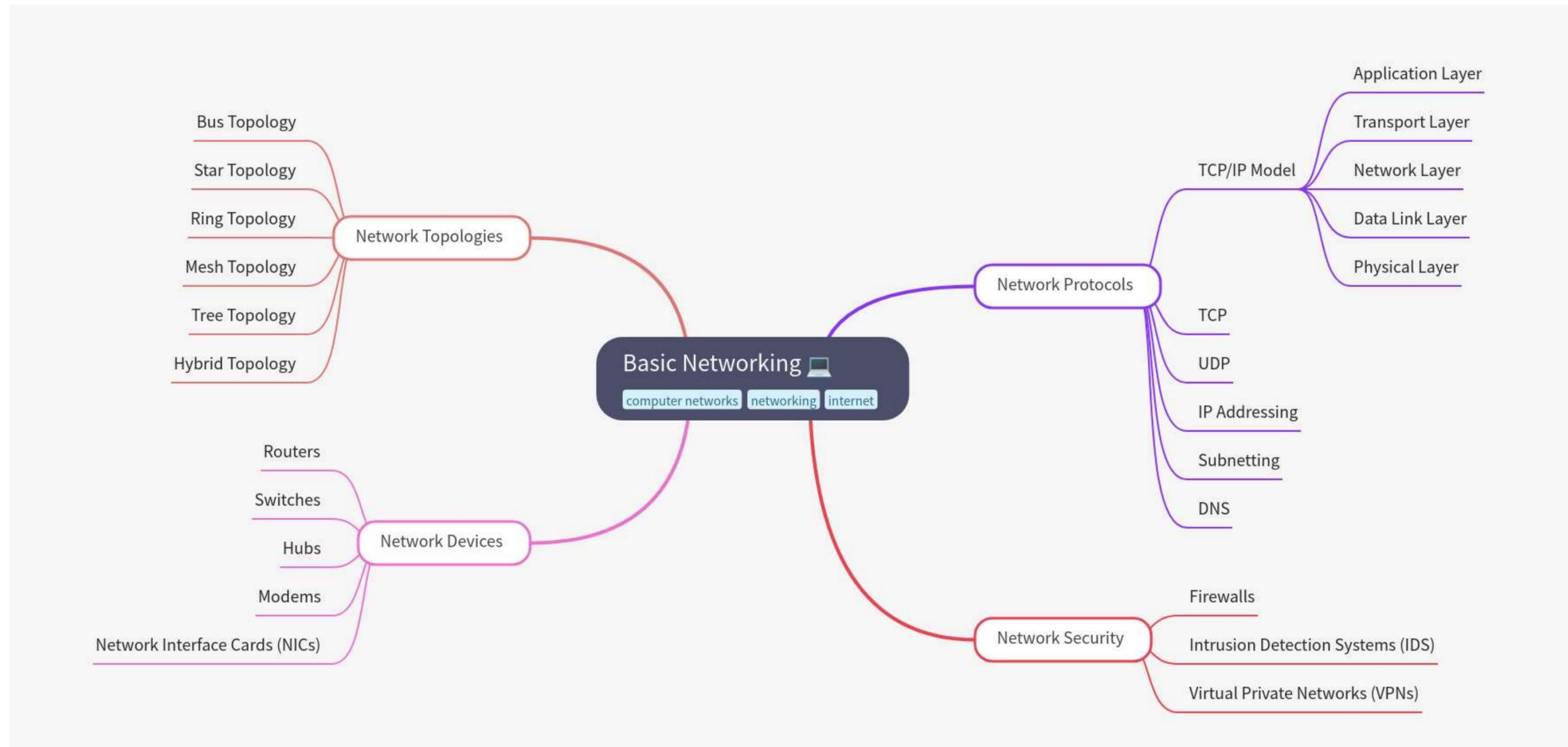
Personal Area Networks

Campus Area Networks

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Real time Applications Network types

- Web Browser and FTP
- Database Application
- Instant Messanger
- Email
- Online Games

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Mindmap

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Thank You

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