

# Introduction to Computer

## Lecture #28

- Topics
- Networking
- Purpose of Networking
- Computer Network Types
- Full Form of Network
- Network and its Criteria
- OSI in Networking

# A computer network is mainly of four types:

- o **A computer network is mainly of four types:**

- 1) LAN(Local Area Network)
- 2) PAN(Personal Area Network)
- 3) MAN(Metropolitan Area Network)
- 4) WAN(Wide Area Network)

# Networking

- The action or process of interacting with others to exchange information and develop professional or social contacts.
- What is networking and example?
- A **network** is a collection of computers, servers, mainframes, **network** devices, peripherals, or other devices connected to one another to allow the sharing of data.

# Continue....

- An excellent **example** of a **network** is the Internet, which connects millions of people all over the world.

# Purpose of networking

- What is the purpose of networking?

The **purpose of networking** is the exchange of information, advice, and referrals, via the informational interview process, to assist in attaining your goal of changing careers.

# Full form of Network

- What is the full form of network?

In general the **Full Form of INTERNET** is International **Network**, **Internet** refers to global **network** that connects the computers across the globe, the name International **Network** is appropriate which is the interconnected **network** of all the Web Servers worldwide, in short its **network** of **network**.

# Objectives of the Network

- **The objectives of the Network are:**
  - structuring the dialogue among the stakeholders, fostering open information and knowledge sharing;
  - presenting and discussing research activities and their results, as well as identifying gaps and research and innovation needs;

# Network and its Criteria

- What is network and its criteria?

**Network criteria** A **network** must be able to meet certain number of **criteria**. **The** most important are Performance, Reliability and Security. ... **The** performance of a **network** depends on **the** number of users, **the** type of transmission medium, **the** capacities of **the** connected hardware and **the** efficiency of **the** software



# OSI in Networking

- **What is OSI in networking?**

The Open Systems Interconnection model (**OSI** model) is a conceptual model that characterizes and standardizes the communication functions of a telecommunication or computing system without regard to its underlying internal structure and technology

# Thank You



**Best of Luck**