



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)

ANGUCHETTYPALAYAM, PANRUTI – 607 106.

Academic Year
2018-19
Participative Learning



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Academic Year 2018-19

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ST.ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

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ANGUCHETTYPALAYAM, PANRUTI – 607 106.

**PROJECT PRESENTATION
AND
CONTEST**



MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY

(Approved by AICTE , Affiliated to Pondicherry University and Accredited by NBA)

Kalitheerthalkuppam, Puducherry- 605107.

National Science Day Celebration

SCIMIT '19

A MEGA PROJECT CONTEST

Certificate of Participation

Certificate of Participation presented to Mr./Ms. J. JAYALARSHMI / ii - ECE

of ST. ANNE'S COLLEGE OF ENGINEERING & TECH for having participated in the Project XPO

event in the National Science Day Celebration Organized by the Department of Science and Humanities on

28th February 2019:

Convenor

Principal

Chairman



MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY

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Kalitheerthalkuppam, Puducherry- 605107.



National Science Day Celebration

SCIMIT '19

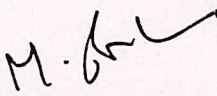
A MEGA PROJECT CONTEST

Certificate of Participation

Certificate of Participation presented to Mr./Ms. S. PREETHA / II - ECE

of ST. ANNE'S COLLEGE OF ENGINEERING & TECH for having participated in the Project XPO
event in the National Science Day Celebration Organized by the Department of Science and Humanities on

28th February 2019.


Convenor


Principal

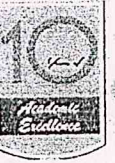

Chairman



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National Science Day Celebration

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STUDENT SEMINAR



ST. ANNE'S

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ANGUCHETTYPLAYAM, PANRUTI – 607 106.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CIRCULAR (2018-2019)

CIR. No.: SACET/CSE/CIR/50

Date: 25.07.2018

It is to be informed that the **Student Seminar** will be held for III/V year/sem students at Room No. MB205 . All interested staff and students are invited for the seminar.

Name of the Student : **PERIYA NAYAGA MARY S& K.ASWINI**

Register Number : **422117104035**

Year/Semester : **III/V**

Date and Time : **26.07.2018 @ 3;30 pm**

Topic of the Seminar : **“ NETWORK AND NETWORK TYPES”**



HOD

Power Point Slides

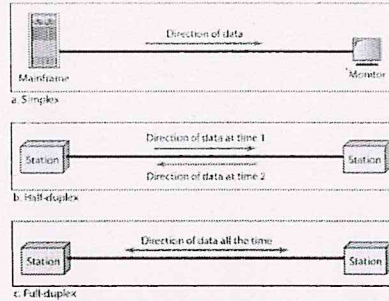
1-1 DATA COMMUNICATIONS

The term *telecommunication* means communication at a distance. The word *data* refers to information presented in whatever form is agreed upon by the parties creating and using the data. Data communications are the exchange of data between two devices via some form of transmission medium such as a wire cable.

Topics discussed in this section:

- Components of a data communications system
- Data Flow

Figure 1.2 Data flow (simplex, half-duplex, and full-duplex)



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1-2 NETWORKS

A network is a set of devices (often referred to as nodes) connected by communication links. A node can be a computer, printer, or any other device capable of sending and/or receiving data generated by other nodes on the network. A link can be a cable, air, optical fiber, or any medium which can transport a signal carrying information.

Topics discussed in this section:

- Network Criteria
- Physical Structures
- Categories of Networks

Physical Structures

Type of Connection

- Point to Point - single transmitter and receiver
- Multipoint - multiple recipients of single transmission

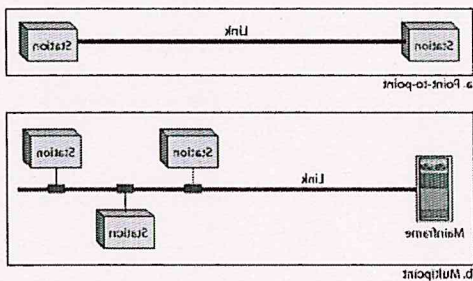
Physical Topology

- Connection of devices
- Type of transmission - unicast, multicast, broadcast

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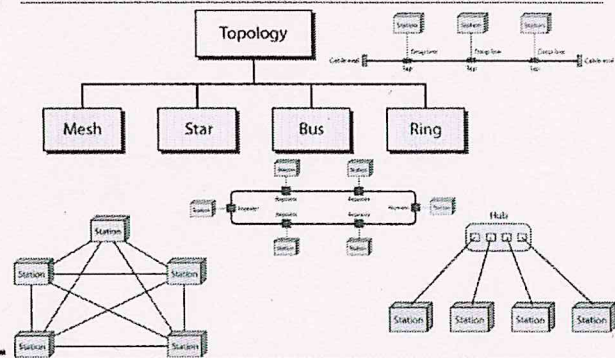
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Figure 1.3 Types of connections: point-to-point and multipoint



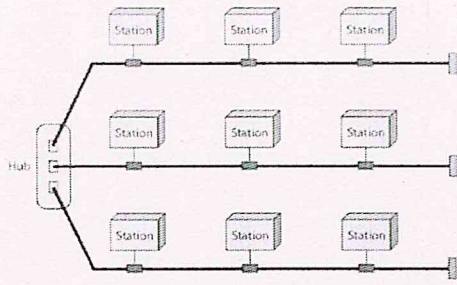
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Figure 1.4 Categories of topology



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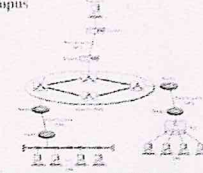
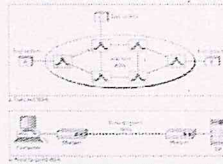
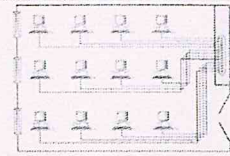
Figure 1.9 A hybrid topology: a star backbone with three bus networks



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Categories of Networks

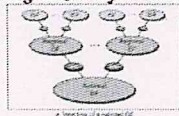
- Local Area Networks (LANs)
 - Short distances
 - Designed to provide local interconnectivity
- Wide Area Networks (WANs)
 - Long distances
 - Provide connectivity over large areas
- Metropolitan Area Networks (MANs)
 - Provide connectivity over areas such as a city, a campus



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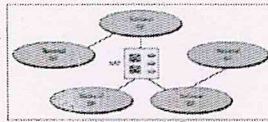
1-3 THE INTERNET

The Internet has revolutionized many aspects of our daily lives. It has affected the way we do business as well as the way we spend our leisure time. The Internet is a communication system that has brought a wealth of information to our fingertips and organized it for our use.



Topics discussed in this section:

Organization of the Internet
Internet Service Providers (ISPs)



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1-4 PROTOCOLS

A protocol is synonymous with rule. It consists of a set of rules that govern data communications. It determines what is communicated, how it is communicated and when it is communicated. The key elements of a protocol are syntax, semantics and timing

Topics discussed in this section:

- Syntax
- Semantics
- Timing

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Elements of a Protocol

- **Syntax**
 - Structure or format of the data
 - Indicates how to read the bits - field delineation
- **Semantics**
 - Interprets the meaning of the bits
 - Knows which fields define what action
- **Timing**
 - When data should be sent and what
 - Speed at which data should be sent or speed at which it is being received.

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

STUDENT SEMINAR

EVALUATION SHEET

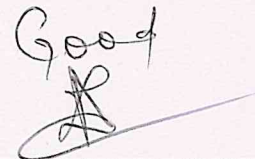

Name of the Student : PERIYA NAYAGA MARY S& K.ASWINI

Register Number : 422117104035

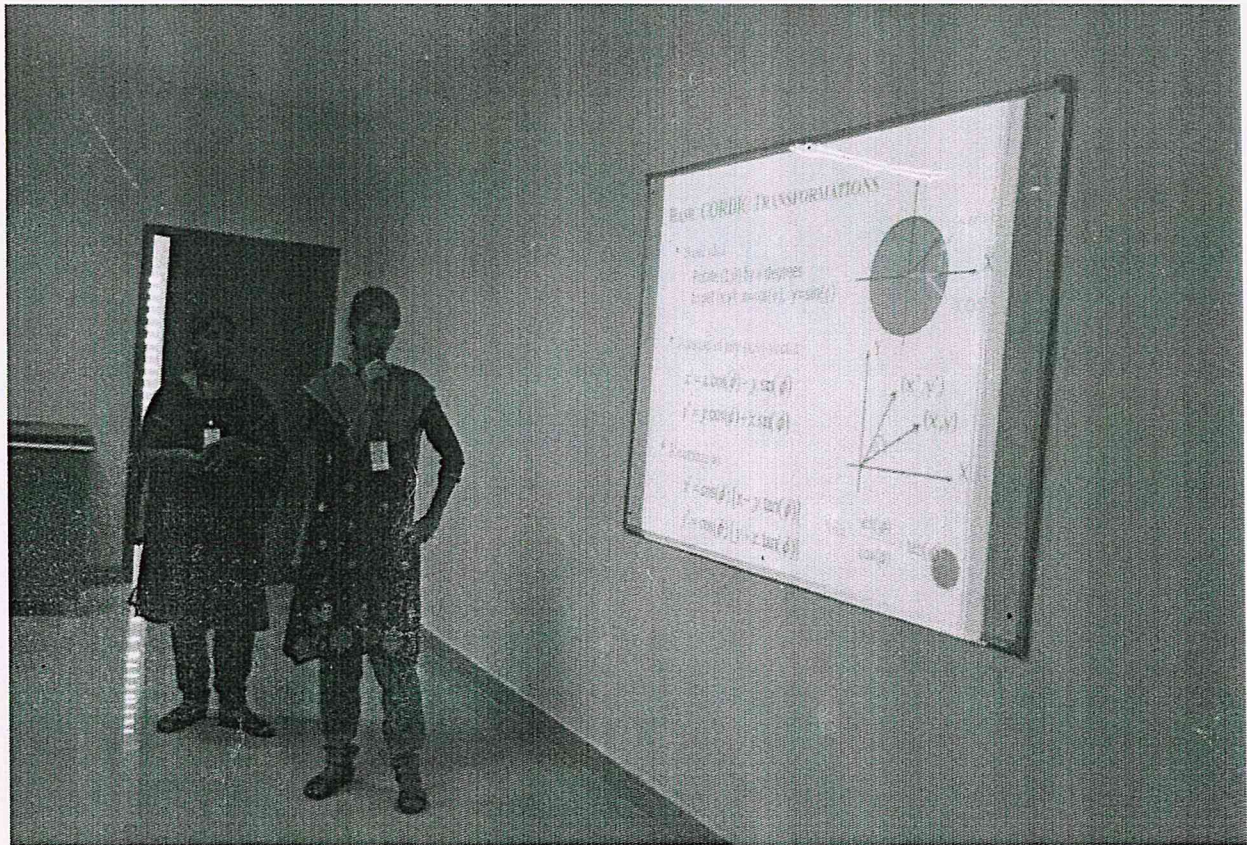
Year/Semester : III/V

Date and Time : 26.07.2018 @ 3:30 pm

Topic of the Seminar : "NETWORK AND NETWORK TYPES"

	PRESENTATION CONTENT (10)	PRESENTATION STYLE (10)	ANSWERING QUESTIONS (10)	REMARKS
Class Incharge	9	8	7	Good 
HOD	7	9	6	May improve 

Photo





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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

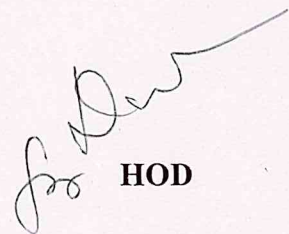
CIRCULAR
(2018-2019)

CIR. No.: SACET/ECE/CIR

Date: 28.10.2018

It is to be informed that the **Student Seminar** will be held for III/V year/sem students at Room No. MB205 . All interested staff and students are invited for the seminar.

Name of the Student : **PRIYADHARSHINI K**
Register Number : **422117106011**
Year/Semester : **III/V**
Date and Time : **29.10.2018 @ 3;30 pm**
Topic of the Seminar : **“ CATEGORIES OF COMPUTERS ”**


HOD

Power Point Slides

Categories of Computers

A computer can be divided into two main categories:

1. Hardware

Hardware is basically anything that you can touch with your fingers.

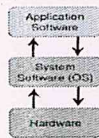
2. Software

For computer hardware to work it must follow a set of instructions that is supplied to it as software.

Software

The term software refers to the set of instructions that directs the hardware to accomplish a task.

1. System Software
2. Application Software
3. Utility Software



2. Application Software

Application software is used or design for the specific purpose of the user.

for example

MS-WORD	MS-POWER POINT
MS-EXCEL	Acadsee
Corel Draw	Paint
Game	MS-ACCESS

What is Computer?

A **computer** is a machine that manipulates data according to a list of instructions.

A **computer** is a device capable of performing computations and making logical decisions at speeds millions and even billion of times faster than human beings can.

Computer is an electronic machine which is used for data processing. The output which comes after processing data through computer is known as Information.

Hardware

Hardware refers to the computer's physical components.

- Computer Case
- CPU (central processing unit...Pentium chip)
- Monitor
- Keyboard & Mouse
- Disk Drive, Zip Drive, CD-ROM, DVD,
- Hard Drive
- Memory (RAM)
- Speakers
- Printer

1. System Software/Operating System

System Software are used to control all components of computer and serves as an interface between user and hardware.

1. Control all Components of Computer
2. Interface b/w user and Hardware

3. Utility Software

Utility Software is used to remove any problem or solve a complex situation in computer.

for example

Partition Magic	Backup utility
Antivirus	Data Recovery
Security Software	Win Ghost



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

STUDENT SEMINAR

EVALUATION SHEET

Name of the Student : **PRIYADHARSHINI K**
Register Number : **422117106011**
Year/Semester : **III/V**
Date and Time : **29.10.2018 @ 3:30 pm**
Topic of the Seminar : **“ CATEGORIES OF COMPUTERS ”**

	PRESENTATION CONTENT (10)	PRESENTATION STYLE (10)	ANSWERING QUESTIONS (10)	REMARKS
Class Incharge	9.	8	8.	Good. 
HOD	8	8	8	Need Improvement 

PHOTO





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DEPARTMENT OF MECHANICAL ENGINEERING

CIRCULAR
(2018-2019)

CIR. No.: SACET/MECH/CIR/28

Date: 04.09.2019

It is to be informed that the **Student Seminar** will be held for II/III year/sem students at Mechatronics Lab. All interested staff and students are invited for the seminar.

Name of the Student : **JEGAN S**
Register Number : **422117114501**
Year/Semester : **II/III**
Date and Time : **06.09.2019 @ 3:30 pm**
Topic of the Seminar : **“What is Stress?”**

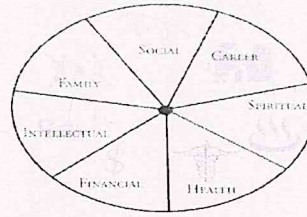

HOD

Power Point Slides

STRESS & STRESSOR

- **Stress** : A person's response to events that are threatening or challenging
- **Stressor** : A stimulus that causes stress

SOURCES OF STRESS



Reasons for Stress... (Stressors)





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DEPARTMENT OF MECHANICAL ENGINEERING

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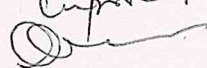
Name of the Student : **JEGAN S**

Register Number: **422117114501**

Year/Semester : **II/III**

Date and Time : **06.09.2019 @ 3:30 pm**

Topic of the Seminar : **“What is Stress?”**

	PRESENTATION CONTENT (10)	PRESENTATION STYLE (10)	ANSWERING QUESTIONS (10)	REMARKS
Class Incharge	8	5	4	Can do better 
HOD	8	6	5	Need improvement 

PHOTO

