



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

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

ANGUCHETTYPALAYAM, PANRUTI – 607 106.

Academic Year

2019-20

Participative Learning



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

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

ANGUCHETTYPALAYAM, PANRUTI – 607 106.

Academic Year 2019-20

Participative Learning

INDEX

S.NO	CONTENT
1.	PROJECT PRESENTATION & CONTEST
2.	STUDENT SEMINAR



ST.ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

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

ANGUCHETTYPALAYAM, PANRUTI – 607 106.

**PROJECT PRESENTATION
AND
CONTEST**



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

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

ANGUCHETTYPALAYAM, PANRUTI - 607 106.

MECHANICAL ENGINEERING

STUDENTS ON-DUTY

S. NO	NAME OF THE STUDENT	YEAR/ SEM	DAYSCHOLAR/ HOSTELLER	SIGNATURE OF INCHARGE	STUDENT'S SIGNATURE
1.	Kumara N	III/2	Dayscholar	Sasthi	Kumara N
2	Guban. G	1			Guban G.
3.	B. S. S. R.	"			Srin
4.	Gopinath. M	"			Gopinath
5.	K. Venkatesh	"			K Venkatesh
6.	N. Ajith	"			N. Ajith
7.	Ravi Varan D	"			Ravi Varan D
8	Thiruvengadam	"			Thiruvengadam

OD REQUIRED : FROM 15/9/2015 TO _____

PURPOSE OF OD : Project presentation

COLLEGE NAME : CK college of Engg, Cuddalore

INTERNAL TEST/EXAM MISSED, IF ANY : YES/ NO

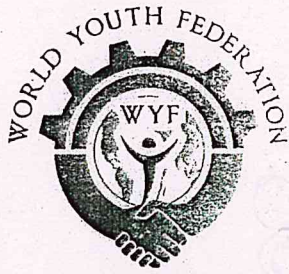
ALTERNATIVE ARRANGEMENT : _____

RECOMMENDATION OF CLASS INCHARGE: YES/ NO

SIGNATURE OF CLASS INCHARGE : Sasthi

COMMENTS AND SIGNATURE OF HOD : _____

APPROVED BY PRINCIPAL : _____



WORLD YOUTH FEDERATION

PROUDLY PRESENTS

Dr. KALAM
YOUNG ACHIEVER AWARD


CERTIFICATE OF ACHIEVEMENT

THIS CERTIFICATE IS PROUDLY PRESENTED TO

KUMARAN . N

STANNE'S COLLEGE OF ENGINEERING & TECHNOLOGY

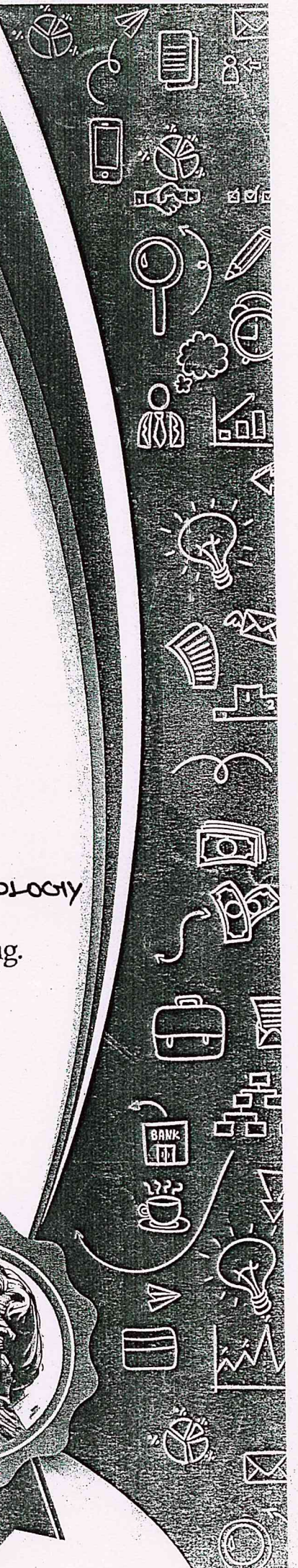
For the project which most demonstrates an aptitude for engineering.
Dr. Kalam Young Achiever Award 2019.

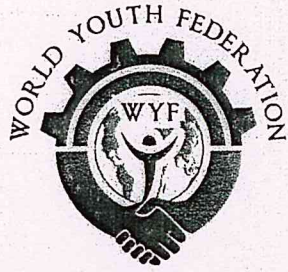


SIGNATURE

Co-Sponsor

 POORVIKA





WORLD YOUTH FEDERATION

PROUDLY PRESENTS

Dr. KALAM
YOUNG ACHIEVER AWARD

CERTIFICATE OF ACHIEVEMENT

THIS CERTIFICATE IS PROUDLY PRESENTED TO

GIUHAN . G

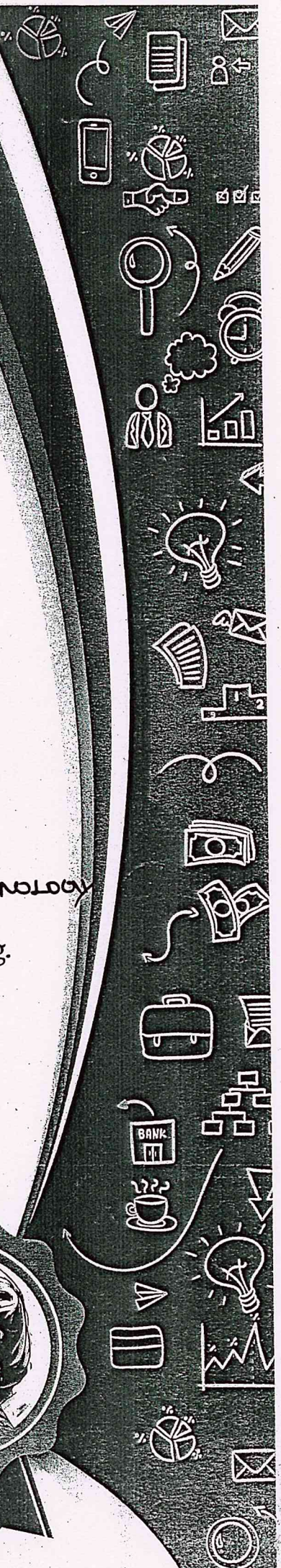
ST ANNE'S COLLEGE OF ENGINEERING & TECHNOLOGY

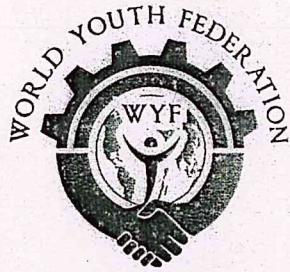
For the project which most demonstrates an aptitude for engineering.
Dr. Kalam Young Achiever Award 2019.

SIGNATURE

Co-Sponsor

 POORVIKA





WORLD YOUTH FEDERATION

PROUDLY PRESENTS

Dr. KALAM
YOUNG ACHIEVER AWARD

CERTIFICATE OF ACHIEVEMENT

THIS CERTIFICATE IS PROUDLY PRESENTED TO

SIVAPRAKASH . R

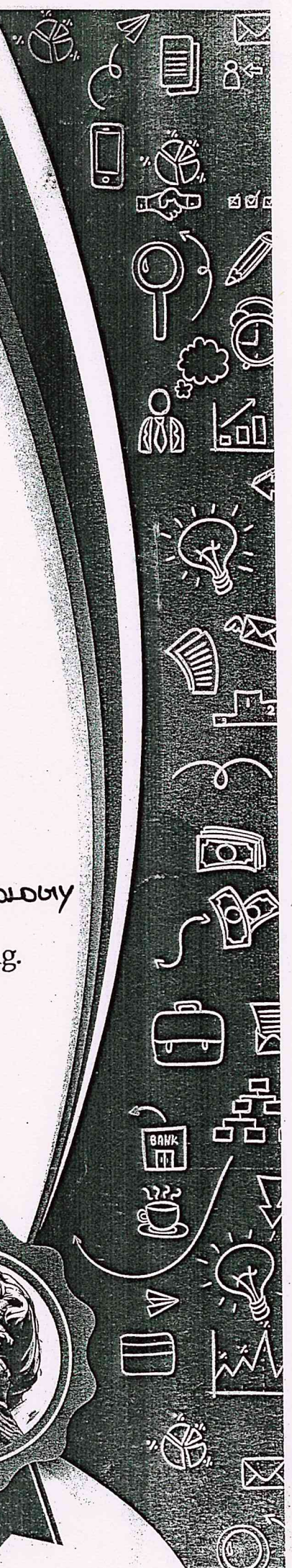
ST ANNE'S COLLEGE OF ENGINEERING & TECHNOLOGY

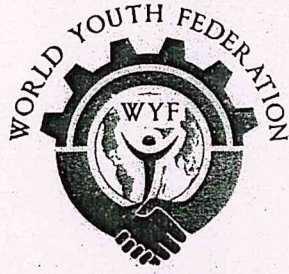
For the project which most demonstrates an aptitude for engineering.
Dr. Kalam Young Achiever Award 2019.

SIGNATURE

Co-Sponsor

 POORVIKA





WORLD YOUTH FEDERATION

PROUDLY PRESENTS

Dr. KALAM
YOUNG ACHIEVER AWARD

CERTIFICATE OF ACHIEVEMENT

THIS CERTIFICATE IS PROUDLY PRESENTED TO

GOPINATH . M

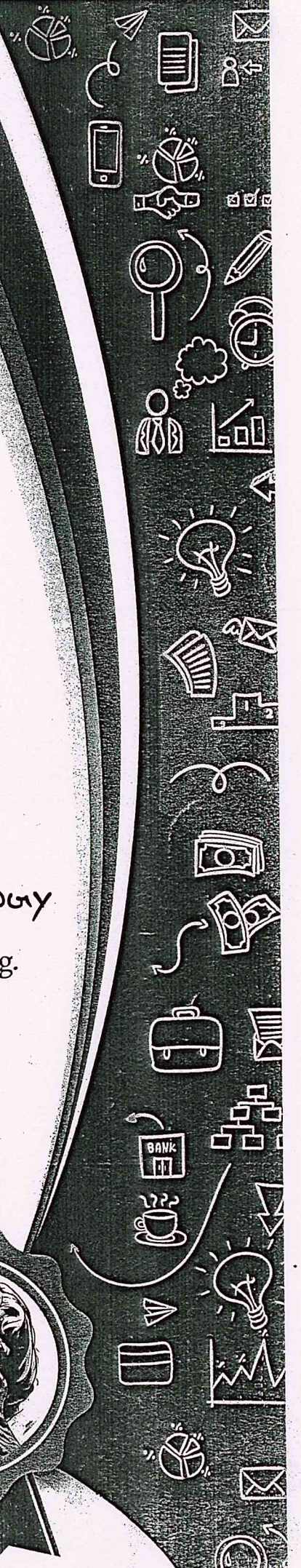
ST ANNE'S COLLEGE OF ENGINEERING & TECHNOLOGY

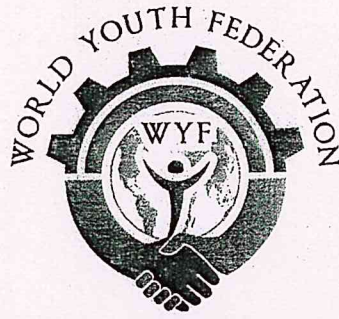
For the project which most demonstrates an aptitude for engineering.
Dr. Kalam Young Achiever Award 2019.

SIGNATURE

Co-Sponsor

 POORVIKA





WORLD YOUTH FEDERATION

PROUDLY PRESENTS

Dr. KALAM
YOUNG ACHIEVER AWARD

CERTIFICATE OF PARTICIPATION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

K. VENKATESH

For the project which most demonstrates an aptitude for engineering.
Dr. Kalam Young Achiever Award 2019.

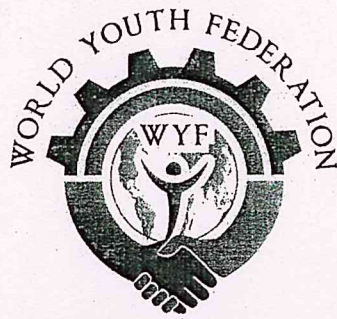
Co-Sponsor



DATE



SIGNATURE



WORLD YOUTH FEDERATION

PROUDLY PRESENTS

Dr. KALAM
YOUNG ACHIEVER AWARD

CERTIFICATE OF PARTICIPATION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

E. AJITH

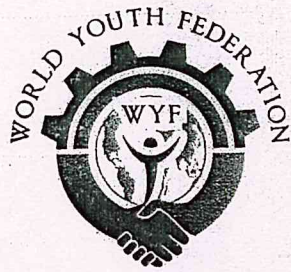
For the project which most demonstrates an aptitude for engineering.
Dr. Kalam Young Achiever Award 2019.

Co-Sponsor



DATE

SIGNATURE



WORLD YOUTH FEDERATION
PROUDLY PRESENTS

Dr. KALAM
YOUNG ACHIEVER AWARD

CERTIFICATE OF ACHIEVEMENT

THIS CERTIFICATE IS PROUDLY PRESENTED TO
KAVIYARASAN . D

ST ANNE'S COLLEGE OF ENGINEERING & TECHNOLOGY

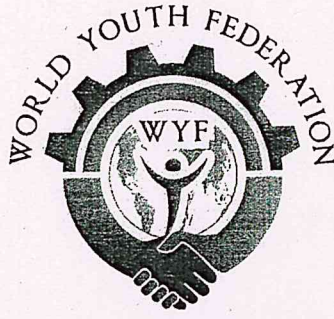
For the project which most demonstrates an aptitude for engineering.
Dr. Kalam Young Achiever Award 2019.

SIGNATURE

Co-Sponsor

 POORVIKA





WORLD YOUTH FEDERATION

PROUDLY PRESENTS

Dr. KALAM
YOUNG ACHIEVER AWARD

**CERTIFICATE
OF PARTICIPATION**

THIS CERTIFICATE IS PROUDLY PRESENTED TO

T. THERUNAYUKKARASU

For the project which most demonstrates an aptitude for engineering.
Dr. Kalam Young Achiever Award 2019.

Co-Sponsor



DATE



SIGNATURE

Report

In commemoration with Dr. Abdul Kalam's 88th birth anniversary, project presentation which demonstrates an aptitude for Engineering was held at C.K.COLLEGE of Engineering, Cuddalore on 15.09.2019 by World Youth Federation. Third year Mechanical Engineering Students of our college M.Gopinath, E.Ajith, D.Kaviyarasan, N.Kumaran, K.Venkatesh, R.Sivaprakash and G.Guhan participated and obtained Dr.KALAM YOUNG ACHIEVER AWARD – Certificate of Achievement.





ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

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

ANGUCHETTYPALAYAM, PANRUTI – 607 106.

STUDENT SEMINAR



ST. ANNE'S

COLLEGE OF ENGINEERING AND TECHNOLOGY
(Approved by AICTE New Delhi, Affiliated to Anna University, Chennai)
(An ISO 9001:2015 Certified Institution)
ANGUCHETTYPLAYAM, PANRUTI – 607 106.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CIRCULAR
(2019-2020)

CIR. No.: SACET/CSE/CIR/05

Date: 25.08.2019

It is to be informed that the **Student Seminar** will be held for II/III yea/semr students at Room No. MB204. All interested staff and students are invited for the seminar.

Name of the Student : **KARTHICK K**

Register Number : **422118104008**

Year/Semester : **II/III**

DateandTime : **26.08.2019 @ 3:30 pm**

Topic of the Seminar : **“ NETWORK MODELS”**

HOD

Power Point Slides

2-1 LAYERED TASKS

We use the concept of layers in our daily life. As an example, let us consider two friends who communicate through postal mail. The process of sending a letter to a friend would be complex if there were no services available from the post office.

Network Models

Topics discussed in this section:

Sender, Receiver, and Carrier
Hierarchy

17

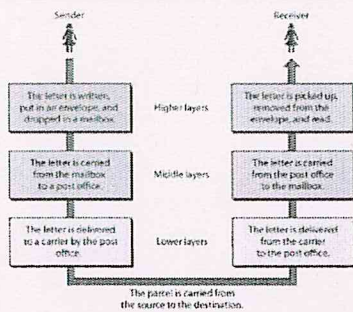
2-2 THE OSI MODEL

Established in 1947, the International Standards Organization (ISO) is a multinational body dedicated to worldwide agreement on international standards. An ISO standard that covers all aspects of network communications is the Open Systems Interconnection (OSI) model. It was first introduced in the late 1970s.

Topics discussed in this section:

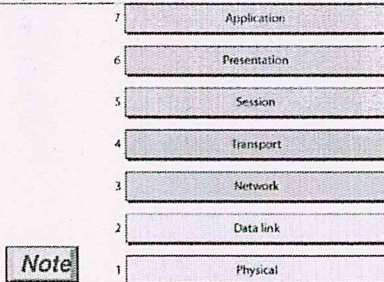
Layered Architecture
Peer-to-Peer Processes
Encapsulation

Figure 2.1 Tasks involved in sending a letter



18

Figure 2.2 Seven layers of the OSI model

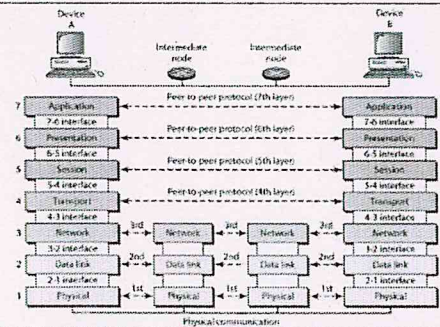


Note

ISO is the organization.
OSI is the model.

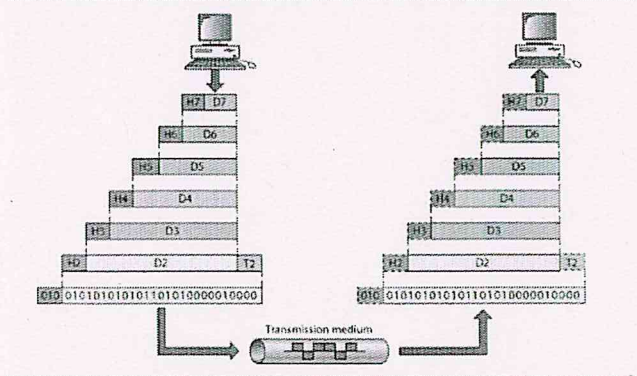
20

Figure 2.3 The interaction between layers in the OSI model



21

Figure 2.4 An exchange using the OSI model



22

2-3 LAYERS IN THE OSI MODEL

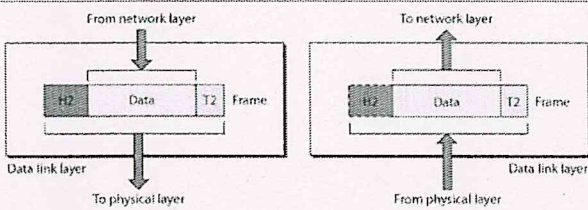
In this section we briefly describe the functions of each layer in the OSI model.

Topics discussed in this section:

- Physical Layer
- Data Link Layer
- Network Layer
- Transport Layer
- Session Layer
- Presentation Layer
- Application Layer

23

Figure 2.6 Data link layer

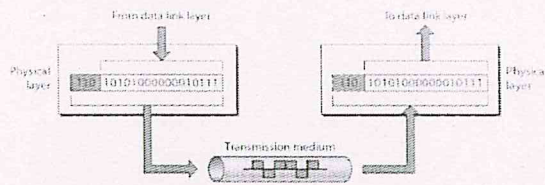


Note

The data link layer is responsible for moving frames from one hop (node) to the next.

25

Figure 2.5 Physical layer

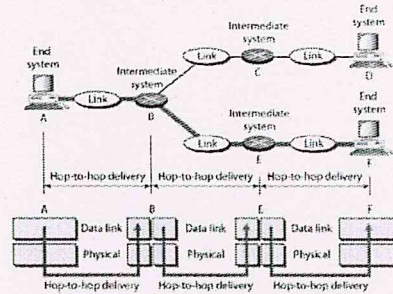


Note

The physical layer is responsible for movements of individual bits from one hop (node) to the next.

24

Figure 2.7 Hop-to-hop delivery



26

the source host to the destination host. The network layer is responsible for the delivery of individual packets from

Note

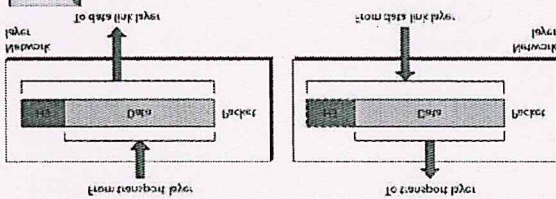
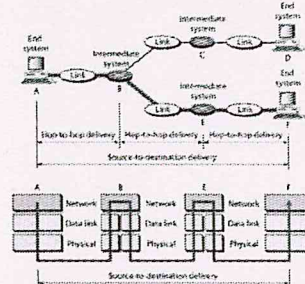


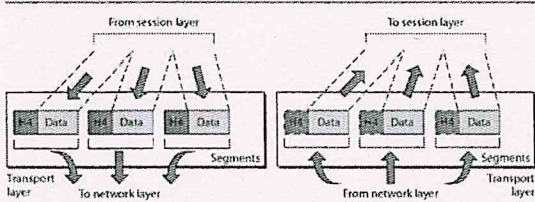
Figure 2.8 Network layer

Figure 2.9 Source-to-destination delivery



28

Figure 2.10 Transport layer

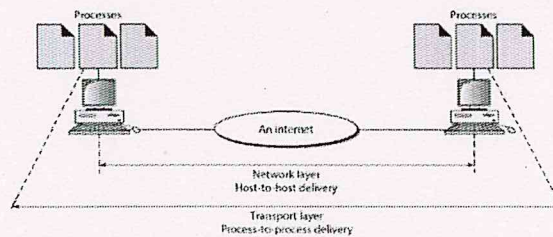


Note

The transport layer is responsible for the delivery of a message from one process to another.

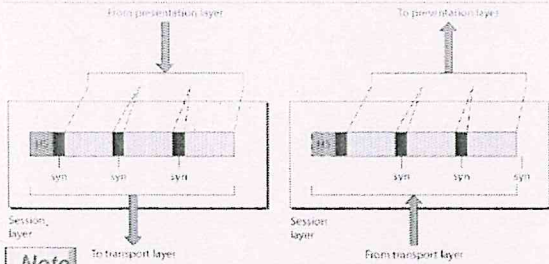
29

Figure 2.11 Reliable process-to-process delivery of a message



30

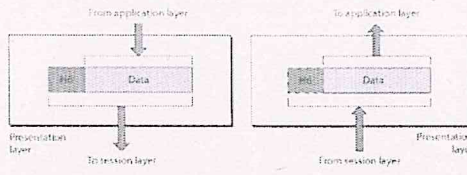
Figure 2.12 Session layer



Note

The session layer is responsible for dialog control and synchronization.

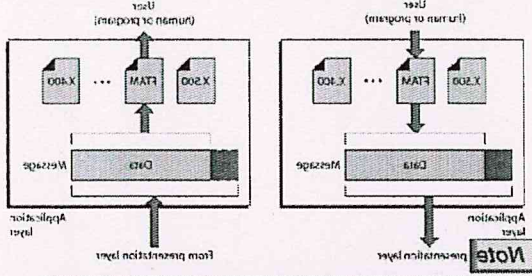
Figure 2.13 Presentation layer



Note

The presentation layer is responsible for translation, compression, and encryption.

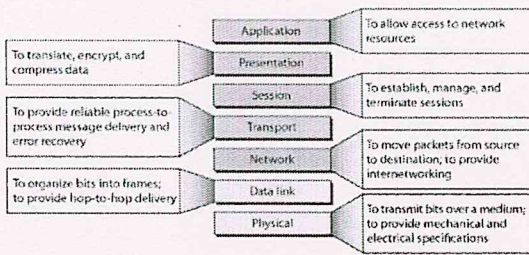
Figure 2.14 Application layer



Note

The application layer is responsible for providing services to the user.

Figure 2.15 Summary of layers





ST. ANNE'S

COLLEGE OF ENGINEERING AND TECHNOLOGY
(Approved by AICTE New Delhi, Affiliated to Anna University, Chennai)
(An ISO 9001:2015 Certified Institution)
ANGUCHETTYPLAYAM, PANRUTI – 607 106.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

STUDENT SEMINAR

EVALUATION SHEET



Name of the Student : **KARTHICK K**

Register Number : **422118104008**

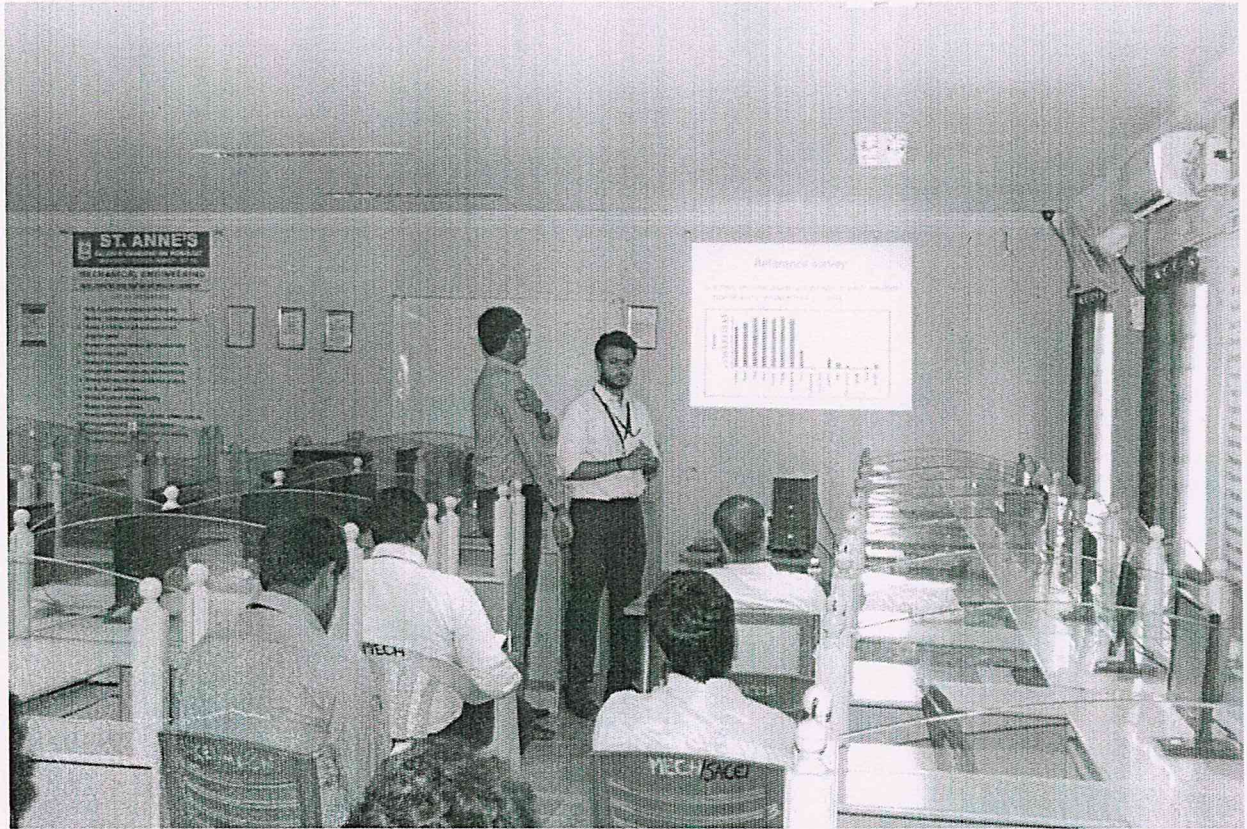
Year/Semester : **II/III**

Date and Time : **26.08.2019 @ 3:30 pm**

Topic of the Seminar : **“ NETWORK MODELS”**

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

PHOTO





ST. ANNE'S
COLLEGE OF ENGINEERING AND TECHNOLOGY
(Approved by AICTE New Delhi, Affiliated to Anna University, Chennai)
(An ISO 9001:2015 Certified Institution)
ANGUCHETTYPLAYAM, PANRUTI – 607 106.

DEPARTMENT OF MECHANICAL ENGINEERING

CIRCULAR
(2019-2020)

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

Date: 04.03.2020

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

Name of the Student : **KUMARAN N**

Register Number: **422117114025**

Year/Semester : **III/VI**

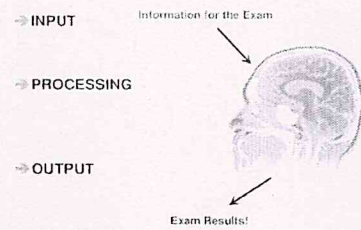
Date and Time : **06.03.2020 @ 3:30 pm**

Topic of the Seminar : **“INFORMATION PROCESSING CYCLE ”**

HOD

Power Point Slides

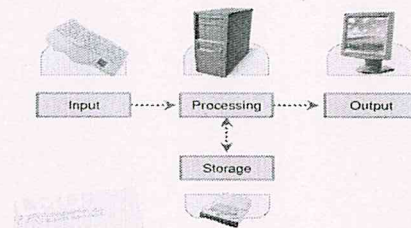
Information processing cycle



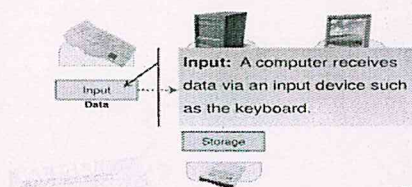
Information Processing Cycle

Consists of four parts where each part involves one or more specific components of the computer.

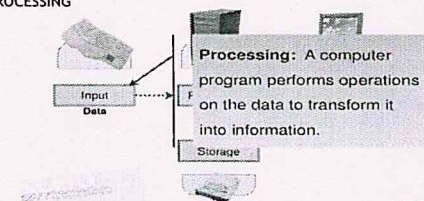
1. Input
2. Processing
3. Output
4. Storage



INPUT



PROCESSING



So

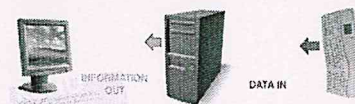
Computer is an Electronic device which can:

1. accept data
2. process it
3. give the result after that processing
4. and also store processed data



PC four major functions are:

- Input data
- Process data
- Output information
- Store data and information





ST. ANNE'S

COLLEGE OF ENGINEERING AND TECHNOLOGY
(Approved by AICTE New Delhi. Affiliated to Anna University, Chennai)
(An ISO 9001:2015 Certified Institution)
ANGUCHETTYPLAYAM, PANRUTI – 607 106.

DEPARTMENT OF MECHANICAL ENGINEERING

STUDENT SEMINAR

EVALUATION SHEET

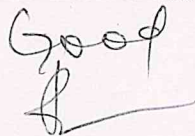
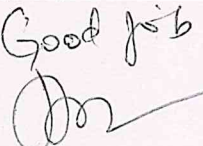
Name of the Student : **KUMARAN N**

Register Number: **422117114025**

Year/Semester : **III/VI**

Date and Time : **06.03.2020 @ 3:30 pm**

Topic of the Seminar : **“INFORMATION PROCESSING CYCLE ”**

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

PHOTO

