



Department of Information Technology

Vision: To Visualize the creation of skilled, proficient IT professionals to meet current challenges.

Mission:

- To encourage young minds for training & entrepreneurship.
- To convey standard education with rapidly changing environment with ethical values.
- To provide an environment where students can continuously learn, apply & communicate knowledge.

Subject Name: Computer Network

Date :-

Assignment No :-1

Course Outcome: . CO404.1

Topic Name :- Fundamental of Computer Network

- 1) List of advantage of computer network
- 2) Differentiate between peer to peer network and server base network
- 3) What are the failure of computer network
- 4) What are the various precautions to be taken while handling computer system hardware and software
- 5) How email service is provided and how email is sand
- 6) Explain the need of computer network compare land and when on the basis of area ownership speed error rate state various network failure explain anyone in detail
- 7) Describe the service provided by the network to popular
- 8) Which criteria should be followed while designing a computer network
- 9) Explain printer sharing with figure explain classification of computer network state the network features

Date of Submission :-

Assign By :- Kalyani kapde



Department of Information Technology

Vision: To Visualize the creation of skilled, proficient IT professionals to meet current challenges.

Mission:

- To encourage young minds for training & entrepreneurship.
- To convey standard education with rapidly changing environment with ethical values.
- To provide an environment where students can continuously learn, apply & communicate knowledge.

Subject Name: Computer Network

Date :-

Assignment No :-2

Course Outcome: CO404.2

Topic Name :- Network components and topology

-
- 1) What is the network topology explain the different types of topologies.
 - 2) What is hub what is modem & what is gateway?
 - 3) State the advantage and disadvantage of mesh topology.
 - 4) Describe the role of modem in transmission and list four features of switch in network.
 - 5) Explain important tasks of switch in a network explain hybrid topology in detail.
 - 6) Explain telnet and FTP in detail.
 - 7) Write the working of hub.
 - 8) Explain the operation of modem.

Date of Submission:-

Assign By:- Kalyani kapde



Department of Information Technology

Vision: To Visualize the creation of skilled, proficient IT professionals to meet current challenges.

Mission:

- To encourage young minds for training & entrepreneurship.
- To convey standard education with rapidly changing environment with ethical values.
- To provide an environment where students can continuously learn, apply & communicate knowledge.

Subject Name: Computer Network

Date :-

Assignment No :-3

Course Outcome: . CO404.3

Topic Name:-Reference models for Computer Networks.

- 1) List category of transmission media what is mean by media.
- 2) List the category of UDP draw and explain the unshielded twisted pair cable.
- 3) Draw and explain the radio communication band.
- 4) Explain how wireless communication work.
- 5) Explain the bands in cellular telephony.
- 6) Compare guided media and unguided media.
- 7) Explain the term bluetooth in detail.

Date of Submission:-

Assign By:- Kalyani kapde



Department of Information Technology

Vision: To Visualize the creation of skilled, proficient IT professionals to meet current challenges.

Mission:

- To encourage young minds for training & entrepreneurship.
- To convey standard education with rapidly changing environment with ethical values.
- To provide an environment where students can continuously learn, apply & communicate knowledge.

Subject Name: computer Network

Date :-

Assignment No:- 4

Course Outcome: . CO404.4

Topic Name:- TCP/IP Protocol Suite

- 1) What is TCP IP Protocol
- 2) List any four function of PPP frame
- 3) Draw the icmp message format
- 4) List to transport layer protocol
- 5) Draw and explain typical UDP header format
- 6) Explain the role of ARP in TCP IP Protocol stack
- 7) State the layer at which the following protocol works sleep Protocol in detail
- 8) Draw and explain the typical TCP header format
- 9) Explain the ipv6 addressing

Date of Submission:-

Assign By:- Kalyani kapde



SARASWATI Education Society's
SARASWATI Institute of Technology
Learn Live Achieve and Contribute
Kharghar, Navi Mumbai - 410 210.

Department of Information Technology

Vision: To Visualize the creation of skilled, proficient IT professionals to meet current challenges.

Mission:

- To encourage young minds for training & entrepreneurship.
- To convey standard education with rapidly changing environment with ethical values.
- To provide an environment where students can continuously learn, apply & communicate knowledge.

Subject Name: Computer network

Date :-

Assignment No :-5

Course Outcome: CO404.5

Topic Name :- IP Addressing.

- 1) Explain the term IP addressing compare ipv6 and ipv4
- 2) What is IP address? State IP address classes.
- 3) What is PPP?
- 4) Differentiate between SLIP and PPP.
- 5) What is meant by subnet masking?
- 6) List any two IP Functions

Date of Submission :

Assign By :- Kalyani kapde