

GOVERNMENT ENGINEERING COLLEGE, DAHOD
(GUJARAT TECHNOLOGICAL UNIVERSITY)
COMPUTER ENGINEERING

B. E. SEMESTER: VIII

PRACTICAL LIST YEAR 2016

Subject Name : Advance Computer Networks (Department Elective-2)

Subject Code : 180704

Sr. No.	AIM
1.	TO STUDY ABOUT NETWORKING COMMANDS
2.	IMPLEMENTING CLINET /SERVER MODEL USING STREAM SOCKET.
3.	IMPLEMENTING CLINET /SERVER MODEL USING DATAGRAM SOCKET.
4.	IMPLEMENTING SLIDING WINDOW
5.	IMPLEMENTING DIJKSA'S SHORTEST PATH ROUTING ALGORITHM.
6.	IMPLEMENTING DISTANCE VECTOR ROUTING ALGORITHM.
7.	IMPLEMENTING FTP TRANSFER
8.	TO COMPARE IPV4 AND IPV6.
9.	TO DETERMINE THE CLASS OF IP ADDRESS FROM THE INPUT BINARY NOTATION.
10.	TO DETERMINE THE HARDWARE ADDRESS CORRESPONDING TO THE INPUT IP ADDRESS
11.	TO IMPLEMENT THE ROUTING
12.	TO IMPLEMENT CLIENT/SERVER PROGRAM.
13.	TO DETERMINE ENCRYPTION AND DECRYPTION OF STRINGS.
14.	TO IMPLEMENT DATA LINK LAYER