

MARIS STELLA COLLEGE (AUTONOMOUS), VIJAYAWADA -8
(Affiliated to Krishna University, Machilipatnam)

SYLLABUS

Subject: Computer Science

Semester: VI

Course Title: Practical - IX

Course Code: COMPC088

No of Hours: 30

Credits: 2

Objectives

- To build an understanding of the fundamental concepts of computer networking.
- To familiarize the student with the basic taxonomy and terminology of the computer networking area.

Course Outcomes

CO1: Demonstrate the use of arrays with program in Java

CO2: Describe the concepts of data types, variables, conditional and iterative execution methods.

CO3: Discuss classes and objects, constructor, inheritance, method overloading and riding

List of practicals:

1. Write a java program to display socket Inet Address, port, local port and local address
2. Write a java program to print the IP address of the local machine
3. Write a java program to print the IP address of the local machine & host name
4. Write a java program to get the IP Address and Host name, when host name is given.
5. Write a java program to get the parts of an URL
6. Write a java program to website details
7. Write a java program for client server communication
8. Write a java program for TCP Client and Server
9. Write a java program for UDP Client and Server

Reference Books:

1. Title: "Data Networks"

Author: Dimitri Bertsekas, Robert Gallager

Edition: 2nd Edition, Prentice Hall India.

2. Title: "Data & Computer Communication"

Author: W. Stalling,

Edition: 8th Edition, Prentice Hall of India, 2006.