ST.JOSEPH’S COLLEGE FOR WOMEN (AUTONOMOUS) VISAKHAPATNAM

IV SEMESTER **FOUNDATION COURSE** 2Hrs./week

ICT 4002 (2) **INFORMATION & COMMUNICATION TECHNOLOGY- II**  Marks: 50

Wef 19-20 admitted batch (19AG) **INTERNET FUNDAMENTALS AND WEB TOOLS**

**SYLLABUS**

**Unit-I :**

**FUNDAMENTALS OF INTERNET:** Networking Concepts, Data Communication, Types of Networking, Network topologies, Internet and its Services, Internet Addressing – Internet Applications, Browser –Types of Browsers, Social Networking- twitter, LinkedIn, Skype

**Unit-II:**

**INTERNET APPLICATIONS**: Using Internet Explorer, Standard Internet Explorer Buttons, Entering a Web Site Address, Searching in internet, Search Engines.

**WWW**- WWW, Web Applications, Web Terminologies, URL – Components of URL.

**Unit-III:**

**E-MAIL :** Definition of E-mail , Advantages and Disadvantages , UserId, Passwords, Email Addresses, Domain Names, Mailers, Message Components, Message Composition, Mail Management, Email Inner Workings.

**Unit IV:**

**Network Security** : Copyright and License, Open Source, Freeware and Shareware, Hackers and Crackers, Firewall, Cyber Law, Cyber Ethics, Cyber Safety and Security, Cyber Crimes, The DOs and DONTs of network security.

**Unit V:**

**BASIC HTML:** Basic HTML, Structure of a HTML Document, formatting tags, Heading, Font, Image and Anchor Tags, List tag, Table Tag, Creation of simple HTML Documents.

**Reference Books:**

1. In-line/On-line: Fundamentals of the Internet and the World Wide Web, 2/e - by

Raymond Greenlaw and Ellen Hepp, Publishers: TMH