

# ADIKAVI NANNAYA UNIVERSITY

## RAJAMAHENDRAVARAM

### CBCS / Semester System

(From 2015-16 Admitted Batch)

### III Semester Syllabus

#### **INFORMATION & COMMUNICATION TECHNOLOGY –2 (ICT-2)**

#### **INTERNET FUNDAMENTALS AND WEB TOOLS**

(30 Hours of Teaching Learning including Lab)

(Common for All UG Programs)

#### **Unit-I:**

**Fundamentals of Internet :** Networking Concepts, Data Communication – Types of Networking, Internet and its Services, Internet Addressing – Internet Applications – Computer Viruses and its types – Browser –Types of Browsers.

#### **Unit-II:**

**Internet applications:** Using Internet Explorer, Standard Internet Explorer Buttons, Entering a Web Site Address, Searching the Internet – Introduction to Social Networking: Twitter, LinkedIn, Facebook, Flickr, Skype, Yahoo!, Google+, Youtube, WhatsApp, etc.

#### **Unit-III:**

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

#### **Unit IV:**

**WWW-** Web Applications, Web Terminologies, Web Browsers, URL – Components of URL, Searching WWW – Search Engines and Examples

#### **Unit-V:**

**Basic HTML:** Basic HTML – Web Terminology – Structure of a HTML Document – HTML, Head and Body tags – Semantic and Syntactic Tags – HR, Heading, Font, Image and Anchor Tags –Different types of Lists using tags – Table Tags, Image formats – 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.