**Skill Enhancement Course -3**

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| **23USECG27** |  **INTERNET AND ITS APPLICATIONS** | **L** | **T** | **P** | **C** |
| **Semester-2** | **2** |  |  | **2** |

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| **Learning Objectives:** |
| **LO1:** | To enable the students to acquire knowledge in internet concepts |
| **LO2:** | To equip the students themselves with the skills in e-mail concepts. |
| **LO3:** | To engage the students themselves with internet services |
| **LO4:** | To equip students with web concepts and Browsers |
| **LO5:** | To understand knowledge with search engines |
| **Course Outcomes:** |
|  | After the successful completion of the course, the students will be able to: |
| **CO1:** | Acquire practical knowledge in internet concepts |
| **CO2:** | Acquire the knowledge in e-mail concepts |
| **CO3:** | Analyse the internet services |
| **CO4:** | Analyse the web concepts and browsers |
| **CO5:** | Knowledge in search engines |

**Unit I: Internet Concepts**

Introduction – Internet Connection Concepts – Connecting to Dial-up Internet Accounts – High Speed Connections : ISDN, ADSL, and Cable Modes – Intranets : Connecting LAN to the Internet.

**Unit II: E-mail Concept**

E-mail Concepts – E-mail Addressing – E-mail Basic Commands – Sending and Receiving Files by e-mail – Controlling e-mail Volume – Sending and Receiving Secure e-mail.

**Unit III: Internet Services**

Online Chatting and Conferencing Concepts – E-mail Mailing Lists – Usenet Newsgroup Concepts – Reading Usenet Newsgroups – Video Conferencing.

**Unit IV: Web Concepts and Browsers**

World-Wide-Web Concepts – Elements of Web – Clients and Servers – URL and TP –Web Browsers – Netscape Navigator and Communicator-Microsoft Internet Explorer.

**Unit V: Search Engines**

Search Engines – Web Directories – Microsoft Internet Explorer – Searching for Information – Bigfoot, Infospace, Whowhere, Yahoo- Subscriptions and Channels – Web Sites-Making use of Web Resources – New and Weather, Sports, Personal Finance and Investing – Entertainment – Shopping – Travel, Kids, Teems, Parents and Communities, Health and Medicine, Religion and Spirituality.

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| Recent Developments in Internet & its Applications |
| Faculty member will impart the knowledge on recent developments in Internet & its Applications to the students and these components will not cover in the examination. |

**TEXT BOOKS**

1. Alexis Leon and Mathews Leon- Internet for everyone, Leon Techworld, Chennai, India, 2000.
2. Kamlesh N. Agarwal – Business on the Net, McMillan India Ltd., 2002
3. Kamlesh N. Agarwal & Prateek A.Agarwal – Web the Net – An introduction to Wireless application protocal, McMillan India Ltd., 2002
4. Margaret Levine Young-The Complete Reference-Internet”, TMG Pub., New Delhi, 2002.

**REFERENCE BOOKS**

1. Douglas E.Commer-Computer Networks and Internet, PHI ( Addition Wesley

 Lonman), New Delhi, 2001.

1. Minoli Daniel – Internet & Internet Engineering , Tata McGraw Hill, NewDelhi,

 2002.