

SHRI GNANAMBICA DEGREE COLLEGE: MADANAPALLE



(AUTONOMOUS)
SKILL COURSE: INFORMATION AND COMMUNICATION
TECHNOLOGY
SEMESTER III
(W.E.F.2024-25)
Program: All Groups



Hours per week: 2

Credits: 2

Course Objectives

This course aims to acquaint students with basic ICT tools that are useful in everyday life, office environments, and research activities.

Course Outcomes:

After successful completion of the course, students will be able to:

1. Understand the concepts and properties of social networks.
2. Develop skills to use various social networking platforms (Twitter, Flickr, LinkedIn, etc.).
3. Familiarize with Government of India's digital initiatives in higher education.
4. Apply skills in online collaboration tools (forums, docs, spreadsheets, presentations, forms).
5. Recognize internet threats and adopt security mechanisms for safe usage.

Unit I: Fundamentals of Internet & Social Networking

- What is Internet?
- Internet applications
- Internet Addressing
- Entering a Website Address
- URL – Components of URL
- Searching the Internet
- Browser – Types of Browsers
- Introduction to Social Networking: Twitter, Tumblr, LinkedIn, Facebook, Flickr, Skype, Yahoo, YouTube, WhatsApp

Unit II: E-mail & Google Suite Tools

- E-mail: Definition, Advantages and Disadvantages
- User IDs, Passwords, E-mail Addresses, Domain Names
- Mailers, Message Components, Message Composition, Mail Management
- Google Suite: Google Drive, Google Docs, Google Spreadsheets, Google Slides, Google Forms



C. Mahesh Babu
CHAIRMAN
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Unit III: Internet Security & Digital Initiatives (10 hrs)

- Overview of Internet Security
- E-mail threats and secure E-mail
- Viruses and Antivirus Software
- Firewalls, Cryptography, Digital Signatures, Copyright Issues
- Government of India Digital Initiatives in Higher Education:
 - SWAYAM, SWAYAM Prabha
 - National Academic Depository
 - National Digital Library of India
 - E-Sodh-Sindhu, Virtual Labs
 - e-Acharya, e-Yantra, NPTEL

Reference Books

1. Raymond Greenlaw & Ellen Hepp – *In-line/On-line: Fundamentals of the Internet and the World Wide Web*, 2/e, TMH
2. ISRD Group – *Internet Technology and Web Design*, TMH
3. Dennis P. Curtin, Kim Foley, Kunai Sen, Cathleen Morin – *Information Technology: The Breaking Wave*, TMH



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Program: All Groups

Question Paper – Blue Print

Time : 1 ½ Hrs

Marks : 50

Answer any 5 of the 10. Each Question Carries 10 marks.

(10 x 5 =50)

1. Question
2. Question
3. Question
4. Question
5. Question
6. Question
7. Question
8. Question
9. Question
10. Question



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