

DEPARTMENT OF INFORMATION TECHNOLOGY				CLASS: II UG				
Sem	Course Type	Course Code	Course Title	Credits	Contact Hours/week	CIA	Ext	Total
IV	NME-II	20U4FNM2	Introduction to Internet	2	2	25	75	100

Nature of Course			
Knowledge and skill	✓		Employability oriented
Skill oriented			Entrepreneurship oriented ✓

Course Objectives

1. To learn the basic concepts and essential knowledge on the application and technology of the Internet and World Wide Web.
2. To understand how to access the Internet and the use of Web browser.
3. To familiarize the concept of using E-Mail.
4. To analyze a web page and identify its elements and attributes.
5. Ability to design basic web pages with HTML.

UNIT	CONTENT	Hrs	K-Level	CLO
I	Introduction to Internet: Internet- Growth of Internet and ARPANET-Anatomy of Internet – History of WWW - Basic Internet Terminologies – Net Etiquette - Internet Applications - Commerce and Governance on the Internet - Impact of Internet on Society-Internet Protocols	6	Up to K2	1
II	Browsers and Search engines: Browsers – browser- Introduction – Parts of a browser window -Running a browser - working with a Browser. Search engines: What is search engine? - Types of search engines - Search and Meta search engines	6	Up to K2	2
III	E-mail: E-mail - E-mail Networks and Servers - E-mail Protocols - Structure of E-mail - Attachments – E-mail Clients - Web based E-mail-Address book – Signature File.	6	Up to K2	3
IV	HTML Programming Basics: Introduction to HTML – HTML browsers - Different versions of HTML-HTML tags - Document Overview - Header Elements - Section headings (Optional VBScripts, Difference between XML and HTML)	6	Up to K2	4
V	HTML Programming Basics: Block headings – Lists-Inline elements – Images - working with Tables, Forms, and Frames.	6	Up to K2	5

Book for Study

Internet Technology and Web Design, by Ramesh Bangia, Third Edition, Firewall Media (An Imprint of Lakshmi Publications Pvt. Ltd.), 2011.

Chapter:

Unit I: 1.1, 1.2, 1.4 – 1.11, 2.2

Unit II: 8

Unit III: 6.1 – 6.5, 6.8, 6.10, 6.11

Unit IV: 9.1 – 9.7

Unit V: 9.8 – 9.14

Books for Reference

1. The Internet Book by Douglas E.Comer, Fourth Edition, PHI Learning Pvt. Ltd. New Delhi, 2009.
2. Introduction to Internet, Scott D.James, Third Edition, PrenticeHall,2000
3. Fundamentals of Information Technology By Alexis Loen and Mathews Leon, Vikas Publishing House Pvt. Ltd., Revised Edition.

Web Resources

1. https://www.tutorialspoint.com/computer_concepts/computer_concepts_introduction_to_internet__www_web_browsers.htm
2. <https://byjus.com/govt-exams/web-browser/>
3. https://www.tutorialspoint.com/internet_technologies/e_mail_overview.htm

Rationale for Nature of the course

- It helps to get a chance to showcase their skills and capabilities in an interactive and advanced environment

Activity on Knowledge and Skill Development

- Assignment
- Quiz
- Group Discussion

Activity on Entrepreneurship

- Creating models on topology.
- Implementing Wired LAN.

Pedagogy

Chalk and talk, Materials, PPT, Assignment, Seminar, Problem solving, Group discussion, Interaction, and Demonstration.

Course Designer(s) Name

1. Mr. M. Ashok Kumar
2. Mrs.S.Brindha

Lesson Plan

Unit	Topics	Hours	Mode
1	Internet- Growth of Internet and ARPANET -Anatomy of Internet – History of WWW.	2	Lecture, PPT
	Basic Internet Terminologies – Net etiquette - Internet Applications - Commerce and Governance on the Internet - Impact of Internet on Society- Internet Protocols	4	Lecture, PPT,GD
2	Browsers – browser- Introduction – Parts of a browser window - Running a browser - working with a Browser	3	Lecture
	Search engines: What is search engine? - Types of search engines - Search and Meta search engines.	3	Lecture, PPT, Seminar
3	E-mail - E-mail Networks and Servers - E-mail Protocols - Structure of E-mail - Attachments.	3	Lecture
	E-mail Clients - web based E-mail-Address book – Signature File.	3	Quiz
4	Introduction to HTML – HTML browsers - Different versions of HTML-HTML tags.	4	Lecture, chalk and talk, Lecture
	Document Overview - Header Elements - Section headings	2	Lecture
5	Block headings - Lists-Inline elements – Images	3	Assignment Lecture,
	Working with Tables, Forms, and Frames	3	Interaction & Demonstration

Course Learning Outcomes

On the successful completion of the course, students will be able to

CLOs	Course Learning Outcomes	K - Levels
CLO 1	Describe the important features of the Internet and WWW. Discuss net etiquette.	Up to K2
CLO 2	Discuss how web browser software displays web pages and use web search engines effectively.	Up to K2
CLO 3	Elaborate the main features of e-mail and its protocols.	Up to K2
CLO 4	Express HTML and understand how it works. Examine various tags used to create HTML documents.	Up to K2
CLO 5	Outline images, tables, forms and frames in an HTML document.	Up to K2

Mapping of CLOs with POs:

CLOs/Pos	PO1	PO2	PO3	PO4	PO5
CLO 1	3	-	1	-	1
CLO 2	3	1	2	-	2
CLO 3	3	-	3	-	3
CLO 4	3	2	3	-	3
CLO 5	3	2	2	-	3

(3 – Advanced Application, 2 – Intermediate Level, 1- Basic Level)

Learning Outcome Based Education & Assessment (LOBE)

Blue Print for Formative – Introduction to Internet Articulation Mapping - K Levels with Course Outcomes (CLOs)

Sl. No	CLOs	K- Level	Section A		Section B		Section C (Open Choice)
			Short Answers		(Either/or Choice)		
			No. of Questions	K- Level	No. of Questions	K- Level	
1	CLO X	Up to K2	2	K1	2	K2&K2	2 (K1)
2	CLO Y	Up to K2	1	K1	2	K2&K2	1 (K1)
No. of Questions to be asked			3			4	3
No. of Questions to be answered			3			2	2
Marks for each question			2			7	10
Total Marks for each section			6			14	20

- CLO5 will be allotted for individual Assignment which carries five marks as part of CIA component.

Distribution of Section-wise Marks with K Levels (CIA I & II)

K Levels	Section A (No Choice)	Section B (No Choice)	Section C (Either/or)	Total Marks	% of Marks without choice	Consolidated %
K1	6	-	30	36	56.25	100
K2	-	28	-	28	43.75	
Total Marks	6	28	30	64	100.00	100%

Learning Outcome Based Education & Assessment (LOBE)

Blue Print for Summative Examination –Introduction to Internet Articulation Mapping – K Levels with Courses Learning Outcomes (CLOs)

Sl.No	CLOs	K- Level	Section A		Section B		Section C (Open Choice)
			Short Answers		(Either/or Choice)		
			No Of Questions	K - Level	No Of Questions	K - Level	
1	CLO 1	Up to K2	1	K1	1	K2 & K2	1(K1)
2	CLO 2	Up to K2	1	K1	1	K2 & K2	1(K1)
3	CLO 3	Up to K2	1	K1	1	K2 & K2	1(K1)
4	CLO 4	Up to K2	1	K1	1	K2 & K2	1(K1)
5	CLO 5	Up to K2	1	K1	1	K2 & K2	1(K1)
No. of Questions to be asked			5		10		5
No. of Questions to be answered			5		5		3
Marks for each question			2		7		10
Total Marks for each section			10		35		30

- K1 – Remembering and recalling facts with specific answers
- K2 – Basic understanding of facts and stating main ideas with general answers

Distribution of Section – wise Marks with K Levels

K Levels	Section A (No choice)	Section B (Either/or)	Section C (Open choice)	Total Marks	% of Marks without choice	Consolidated
K1	10	-	50	60	46.15	100
K2	-	70	-	70	53.8	
Total Marks	10	70	50	130	100	100%