

INTERNET AND ITS APPLICATIONS

Semester	Subject Code	Category	Lecture Hrs		Theory Hrs		Practical		Credits
			Per week	Per Sem	Per week	Per Sem	Per week	Per Sem	
IV	21NCS4 A	Non Major Elective - II	2	30	2	30	0	0	2

COURSE OBJECTIVE

This course helps to equip students the basics of Internet usage and prepare them for digital world. It also helps to understand internet potential applications such as e-mail, news groups, chat, video, etc.. Internet and web development processes.

COURSE OUTCOME

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

CO Number	CO Statement	Knowledge Level (K1-K4)
CO1	To learn Basic Concept of Internet.	K1
CO2	To learn how to use Web browser	K2
CO3	To learn how to use E-mail id -sending and Receiving mails	K3
CO4	Introduction to HTML.	K2
CO5	To learn about E-marketing	K3

Knowledge Level – K1-Remember, K2- Understand, K3-Apply, K4-Analyze

MAPPING WITH PROGRAMME OUTCOME

COS	PO1	PO2	PO3	PO4	PO5	PO6
CO1	S	M	S	M	S	S
CO2	S	S	M	S	M	S
CO3	S	S	S	M	S	S
CO4	S	S	S	S	M	M
CO5	S	S	S	M	M	S

S-Strong M-Medium L-Low

UNIT - I INTERNET BASICS**6 Hours**

Introduction to Computers - Programming Language types - History of Internet Personal computers - World Wide Web.

UNIT - II WEB BROWSERS**7 Hours**

Web Browsers - Internet Explorer - Connecting to Internet - Features of Internet explorer - Searching the Internet- Online help and tutorials - File Transmission Protocol (FTP)-Browser settings.

UNIT - III E-MAIL**5 Hours**

Electronic mail - Creating an E-mail id - Sending and Receiving mails – Attaching a file - Instance messaging - Other web browsers.

UNIT - IV HTML**6 Hours**

Introduction to HTML headers – Linking - Images - Special characters and line breaks Unordered lists - Simple HTML programs.

UNIT - V DIGITAL CASH**6 Hours**

E-marketing - Consumer tracking - Electronic advertising - Search engine – CRM - Credit card payments - Digital cash and e-wallets -Micro payments- Smart card

Distribution of Marks: Theory :80% and Applications:20%

TEXT BOOK

S.No	Authors	Title	Publishers	Year of Publication
1.	A.M. Deitel and P.J. Deitel, A.B. Goldberg	Internet and world wide web: How to program	Pearson Education Ltd	2013

S.No	Authors	Title	Publishers	Year of Publication
1.	Harley han	The Internet	TMH	2016
2.	Gretchen McCulloch	Because Internet: Understanding the New Rules of Language	PenguinPublishing Group	2019
3	Anders Moller Michael Schwartzbach	An Introduction to XML and Web Technologies	Pearson Education	2009
4	Steven Holzner	HTML Black Book	ACM Digital Library	2016
5	Kogent Learning Solution	Html 5.0 In Simple Steps	Dreamtech Press	2010
6	P.Rizwan Ahmed	Internet and its Applications	Margham Publications	2010
7	Gralla	How the Internet Works	Pearson Education	2012
8	Farrel Adrian	TheInternet and its Protocols	Elsevier Science	2013

WEB RESOURCES

- 1.https://www.tutorialspoint.com/internet_technologies/internet_overview.htm
- 2.https://www.tutorialspoint.com/basics_of_computer_science/basics_of_computer_science_internet.html

TEACHING METHODOLOGY

- Class room teaching
- Group discussions
- Seminars
- Chart/Assignment
- Smart Class room

SYLLABUS DESIGNERS

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