



C. U. SHAH UNIVERSITY, WADHWAN CITY.

Faculty of: **Computer Science**
 Course: **Bachelor of Computer Applications**
 Semester: **I**
 Subject Code: **4CS01ABN1**
 Subject Name: **Basics of Internet**

Sr. No	Branch Code	Subject Code	Subject Name	Teaching hours/ Week			Credit hours	Credit Points	Evaluation Scheme/ Semester								
				Th	Tu	Pr			Theory				Practical				Total
									Internal Assessment		End Semester Exams		Internal Assessment		End Semester Exams		
									Marks	Duration	Marks	Duration	Marks	Duration	Marks	Duration	
5	2	4CS01ABN1	Basics of Internet	4	--	2	6	5	15(SE)	1Hr.	70	2½ Hrs.	25(IP)	1 Hr.	--	--	150
									15(CE)				25(CE)				

AIM :

- This subject is aimed to understand basics of Internet terminology and other technologies.

COURSE CONTENTS

Unit I	6 Hrs
<ul style="list-style-type: none"> • Introduction to Internet • Evolution of Internet 	
Unit II	6 Hrs.
<ul style="list-style-type: none"> • Review of Network Technologies 	
Unit III	4 Hrs.
<ul style="list-style-type: none"> • TCP/IP 	
Unit IV	6 Hrs.
<ul style="list-style-type: none"> • IP Subnetting and Addressing 	
Unit V	4 Hrs.
<ul style="list-style-type: none"> • Internet Routing Protocols 	
Unit VI	6 Hrs.
<ul style="list-style-type: none"> • Client Server Concept • DNS • Telnet • FTP 	

Unit VII	4 Hrs.
<ul style="list-style-type: none"> • Electronic Mail 	
Unit VIII	4 Hrs.
<ul style="list-style-type: none"> • World Wide Web • HTML • CGI • PERL 	
Unit IX	4 Hrs.
<ul style="list-style-type: none"> • JavaScript • Intranet • Extranet • Firewall 	
Unit X	4 Hrs.
<ul style="list-style-type: none"> • E-Commerce • other technology 	

REFERENCE BOOKS:

1. “Web Enabled Commercial Applications development using... HTML, Javascript, DHTML and PHP” 4th edition By : Ivan Bayross (BPB Publication)
2. “World Wide Web design with HTML” By: C Xavier (Tata McGraw Hill Publishing Company.)
3. “Internet & Web development using HTML, DHTML and javascript” By : Soma dasgupta (Khanna Book Publication)
4. “HTML for World Wide Web” By : Elizabeth Castro (Peachpit Press)
5. “HTML Complete” 2nd edition (BPB publication)

NPTEL COURSE (<https://nptel.ac.in/>):

1. Internet Technology by Prof. Indranil Sengupta
Course Link: <https://nptel.ac.in/courses/106105084>

Practical: HTML tags, Creating and designing of a web page.