



# Maharaja Ganga Singh University Bikaner (Raj), 334004

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Department of Computer Science  
Tentative Lecture Plan (Feb-April 2017)  
MCS -203 Introduction to Internet Programming  
M.sc. Computer Sc (SEM- II)

	Topic	No. Of Lectures
1.	<b>Internet Basics: Evolution of Internet, Basic internet terms and applications.</b>	1
2.	<b>Anatomy of an e-mail Message, basic of sending and receiving, E-mail Protocol</b>	1
3.	<b>Introduction to World Wide Web: Working of Web Browsers, Its functions, category, HTTP; Component of Web Publishing, Domain Name Registration, Space on Host Server for Web Site</b>	2
4.	<b>Introduction to HTML, Elements of HTML &amp; Syntax</b>	2
5.	<b>Backgrounds, Formatting tags, Images</b>	2
6.	<b>Hyperlinks, div tag, List Type and its Tags</b>	1
7.	<b>Table Layout, Use of Forms in Web Pages</b>	2
8.	<b>CSS: Elements of Style Sheets</b>	1
9.	<b>Embedded Style Sheets and Linked Style Sheets, Inline Style Sheets,</b>	2
10.	<b>CSS using Id andClasses</b>	1
11.	<b>Java Script: Working with Variables</b>	2
12.	<b>Operators, Control Structures, Build-in functions. Arrays, Outputting to the browser, handling events.</b>	2
13.	<b>PHP: Versions of PHP, Installation of PHP, Php.ini basics. Testing Installation.</b>	3
14.	<b>Building Blocks of PHP: Variables, data types, Operators &amp; Expressions, Constants</b>	2
15.	<b>Switching, Flow, Loops, Code Blocks and Browser</b>	1

	<b>Output</b>	
<b>16.</b>	<b>Functions: Meaning, Calling, Defining a function. Return value from user defined function. Saving state with 'static' function. Testing for existence of function.</b>	<b>2</b>
<b>17.</b>	<b>Arrays: What are arrays, Creating arrays, Array related functions</b>	<b>2</b>
<b>18.</b>	<b>Working with String, Date &amp; Time: Formatting String with PHP, Using Date and time Functions with PHP</b>	<b>1</b>
<b>19.</b>	<b>Other String, Date/time Functions</b>	<b>1</b>
<b>20.</b>	<b>Forms: Creating simple input Form. Accessing Form input with user defined arrays, HTML and PHP Code on a single page.</b>	<b>1</b>
<b>21.</b>	<b>Using Hidden Fields to Save State. Redirecting User. Working with File Upload.</b>	<b>1</b>
<b>22.</b>	<b>Connecting to MySQL with PHP. Working with MySQL Data</b>	<b>2</b>