



Computer Science Paper VIII
Practical course based on BS52203 and BS52204
[Discipline Specific Course-II]

Semester: V	Credits: 2	Subject Code: BSP52208	Lectures: 36
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Course Outcomes:
At the end of this course, the learner will be able to:
<ul style="list-style-type: none"> ● Design dynamic and interactive Web pages. ● Develop program based on Core-PHP, Server Side Scripting Language and PHP-Database handling ● Apply statistical methods for data preprocessing ● Apply visualization techniques to represent data for analysis

Unit 1: Assignments based on web technologies- BS52203	18
<ul style="list-style-type: none"> ● Assignment-1: HTML, CSS, Box Model, Navigation Bar ● Assignment-2: Bootstrap ● Assignment-3: Function and String ● Assignment-4: Arrays ● Assignment-5: Files ● Assignment-6: Databases (PHP-PostgreSQL) 	

Unit 2: Assignments based on Foundations of Data Science - BS52204	18
<ul style="list-style-type: none"> ● Assignment-1: The Data Science environment ● Assignment-2: Loading the dataset ● Assignment-3: Basic statistical operations ● Assignment-4: Data preprocessing ● Assignment-5: Data Visualization with (matplotlib/seaborn/tableau) 	

Board of Studies	Name	Signature (in white cell)	
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Faculty	Ms. Smita Borkar		
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