Computer Laboratory based on (Web technology and Relational database)
[PRACTICAL]

Semester II	Credits: 4	Subject Code: BCP22006	Lectures: 48

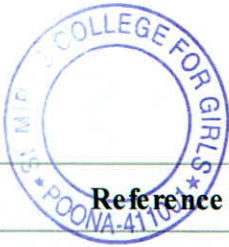| Course Outcomes: |
|---|
| At the end of this course the learner will be able to,

• Relate how to use different HTML tags.
• Recognize how to use style sheets for designing web site
• Develop an ability/skill to use a script language
• Create interactive web site.
• Apply their mind to create queries.
• Evaluate different relationships between entities.
• Create the various scripts in database |

Unit 1 Web Technology	24
• Assignments to demonstrate use of html tag (paired and singular) • Assignments to demonstrate use of table tag • Assignments to demonstrate use of frame tag • Assignments to demonstrate use of form tag with its attributes • Assignments to demonstrate use of CSS • Assignments to demonstrate use of operators in JavaScript • Assignments to demonstrate use of looping and conditional statements in JavaScript • Assignments to demonstrate concept of DOM objects in JavaScript • Assignments to demonstrate use of event handler	

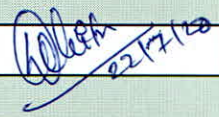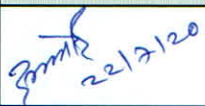| Unit 2: Relational Database	24
• Assignments to demonstrate the use of PL/SQL scripts • Assignments to demonstrate the use of Trigger • Assignments to demonstrate the use of Cursor • Assignments to demonstrate the use of Function • Assignments to demonstrate the use of Procedure • Assignments to demonstrate the use of Parameterized cursor • Assignments to demonstrate the use of Package	

#12 hours for Library work, assignments, practical or field work

Board Of Studies	Name	Signature
Head of the Department	Asst. Prof. Smita Borkar	

Reference Books:

- Ivan Bayross, , *SQL, PL/SQL The Programming Language* , BPB Publication
- Steven Holzner, *HTML Black Book*, Paraglyph Press,2009
- Thomas Powell, The Complete Reference JavaScript, Mc Graw Hill Edition,2004
- Henry korth, A Silberschatz, *Database System Concepts*, Tata McGraw-Hill publication fifth edition 2006.
- Ivan Bayross, , *SQL, PL/SQL The Programming Language* , BPB Publication
- Ramez Elmasri, Shamkant Navathe, *Fundamentals of Database system*, 5th edition; 2008

Board Of Studies	Name	Signature	
Head of the Department	Asst. Prof. Smita Borkar		20/7/20
Faculty*	Asst. Prof Monika Rajguru	22/7/20	
Faculty*	Asst. Prof. Divya Chitre		22/7/20
Subject Expert (Outside SPPU)	Dr. Sagar Jambhorkar	22/7/20	
Subject Expert (Outside SPPU)	Dr. Shankar Mali		22/7/20
VC Nominee	Asst. Prof Anjum Patel	22/7/20	
Industry Expert	Mr. Sumit Singh Pal		
One Alumni***	Ms. Vidhi Thakkar		

Board Of Studies	Name	Signature
Head of the Department	Asst. Prof. Smita Borkar	22/7/20