

**PROJECT  
PROJECT  
[PROJECT]**

<b>Semester: V</b>	<b>Credits: 4</b>	<b>Subject Code: BC52205</b>	<b>Lectures: 48</b>
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**Course Outcomes:**

At the end of this course the learner will be able to,

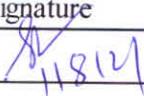
- Improve innovation, creative and design thinking among student community
- Apply computer technologies in various situations by learning requirement analysis and interaction with real clients.
- Acquire knowledge, remember and apply various aspects of SDLC through practical orientation.

<b>Unit 1: Synopsis and Introduction</b>	<b>5</b>
<b>Unit 2: Analysis and Design</b> • Fact finding techniques • Feasibility study • E-R Diagram • Data flow diagram (up to 1 <sup>st</sup> level DFD) • Data Dictionary	<b>10</b>
<b>Unit3: Design , Coding and Testing</b> • Test Plan • Test case	<b>23</b>
<b>Unit 4: Project Reporting and Interaction with IT expert</b>	<b>10</b>

**Project Guidelines**

- The Project work is for 100 marks.
- Students should work in a team of 2 students.
- Students are free to choose project topic and choose technology like PHP and JAVA or PYTHON
- The project proposal should be prepared in consultation with the guide.
- The project proposal should clearly state the project objectives and the environment of the proposed project to be undertaken.
- The project work should compulsorily include the software development.



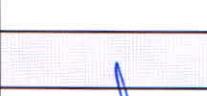
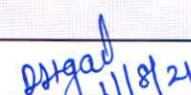
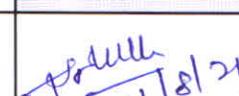
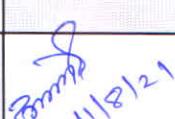
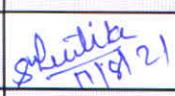
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- A photocopy of the complete Project should be retained by the student for future reference.
- Project will be examined by internal and external examiner.
- Interaction with the IT expert shall include group discussion and technical updates.

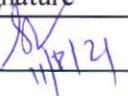
**#12 hours for Library work, assignments, practical or field work**

**Websites:**

- [www.w3cschool.com](http://www.w3cschool.com)

Board Of Studies	Name	Signature
Head of the Department	Ms Smita Borkar	 11/8/21
Faculty*	Prof. Deepali Gupta	 11/8/21
Faculty*	Prof. Monika Rajguru	 11/8/21
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Subject Expert (Outside SPPU)	Dr. Sagar Jambhorkar	 11/8/21
VC Nominee	Prof Anjum Patel	 11/8/21
Industry Expert	Ms. Shurtika Wayal	 11/8/21
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