



**PROJECT
PROJECT
[ELECTIVE COURSE]**

Semester IV	Credits: 4	Subject Code: BC42105	Lectures: 60
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Course Outcomes:

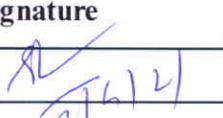
At the end of this course, the learner will be able to,

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

Unit 1: Synopsis and Introduction	5
Unit 2: Analysis <ul style="list-style-type: none">• Fact finding techniques• Feasibility study	5
Unit3: Design , Coding and Testing (Manual testing) <ul style="list-style-type: none">• E-R Diagram• Data flow diagram (up to 1st level DFD)• Data Dictionary• Test plan• Test case	28
Unit 4: Project Reporting and Interaction with IT expert	10

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 C++ and PHP.
- 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.
- A photocopy of the complete Project should be retained by the student for future reference.
- Project will be examined by internal and external examiner.

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- Interaction with the IT expert shall include group discussion and Technical updates.

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

Board Of Studies	Name	Signature
Head of the Department	Prof. Smita Borkar	<i>Smita Borkar 21/4/21</i>
Faculty*	Prof. Monika Rajguru	<i>Monika Rajguru 21/4/21</i>
Faculty*	Prof. Deepali Gupta	<i>Deepali Gupta 21/4/21</i>
Subject Expert (Outside SPPU)	Dr. Sagar Jambhorkar	<i>Sagar Jambhorkar 21/4/21</i>
Subject Expert (Outside SPPU)	Prof. Sachin Bohite	<i>Sachin Bohite 21/4/21</i>
VC Nominee	Prof. Anjum Patel	<i>Anjum Patel 21/4/21</i>
Industry Expert	Ms. Shruti Wayal	<i>Shruti Wayal 21/4/21</i>
One Alumni***	Ms. Vidhi Thakkar	

Board Of Studies	Name	Signature
Head of the Department	Asst. Prof. Smita Borkar	<i>Asst. Prof. Smita Borkar 21/4/21</i>