

UNIVERSITY OF MADRAS
BACHELOR OF COMPUTER APPLICATIONS (BCA)
DEGREE PROGRAMME
SYLLABUS WITH EFFECT FROM 2023-2024

Year: III

Semester: VI

Mini Project Common for B.C.A. , B.Sc.-CSc-wAI , B.Sc.-CSc-wDS	320S61
Credits 2	Lecture Hours: 2 per week

Student Mini-Project Instructions:

Objective:

Mini-project aims to demonstrate student's understanding and application of course concepts. It consists of three components: a comprehensive report, software development, and an external presentation (viva).

Development Process:

- **Planning:** Define project scope, objectives, and required functionalities.
- **Execution:** Follow a structured development process with clear milestones.
- **Documentation:** Maintain a detailed report covering methodology, design, implementation, and testing.

Components for Evaluation:

1. **Mini-Project Report:** Ensure completeness, clarity, and adherence to guidelines.
2. **Software Development:** Create a fully functional application meeting specified requirement.
3. **External Presentation (Viva):** Communicate and defend your project effectively to external evaluators.

Specifications:

- **Functional Requirements:** List essential features the software must incorporate.
- **Non-functional Requirements:** Consider performance, security, usability, etc.
- **Technologies:** Specify programming languages, frameworks, and tools to be used.

Submission Guidelines:

- Follow a prescribed report format and submission method for the software.
- Prepare concise and engaging materials for the external presentation.

Support and Integrity:

- Seek guidance from mentors and utilize available resources.
- Ensure originality and adhere to ethical standards in your work.

Evaluation Criteria:

- Creativity, functionality, documentation quality, and presentation skills are key assessment areas.