Savitribai Phule Pune University

(Formerly University of Pune)

Three year B.B.A.(C.A.) Degree Program in Computer Application

(Faculty of Commerce)

B.B.A.(C.A.) Sem-VI

Choice Based Credit System Syllabus to be implemented from Academic Year 2021-2022

DSE: (605) Project — Total Credits: 4

Teaching Scheme
- **Project: 4 hours/week**
- **Batch Size: 10 Projects**

Workload:

1. One project guide to be assigned to 10 Projects.
2. 4 hours /week to be allotted for 10 Projects.

Guidelines:

- Students should work in a team of maximum 2 students.
- Students can choose a project topic without any restriction on technology or domain.
- The student group will work independently throughout the project work including: problem identification, information searching, literature study, design and analysis, implementation, testing, and the final reporting.
- Project guide must conduct project presentations (minimum 4) to monitor the progress of the project groups.
- At the end of the project, the group should prepare a report which should conform to international academic standards. The report should follow the style in academic journals and books, with clear elements such as: abstract, background, aim, design and implementation, testing, conclusion and full references, Tables and figures should be numbered and referenced to in the report.
- The final project presentation with demonstration (UE) will be evaluated by the project guide (appointed by the college) and one external examiner (appointed by the University).

Evaluation guidelines:

IA (30 marks)					**UE (70 marks)**		
First presentation	Second presentation	Third presentation	Fourth presentation	Documentation	Project Logic/Presentation	Documentation	Viva
5	5	5	5	10	40	10	20

Recommended Documentation contents:

Abstract
Introduction
-motivation
-problem statement
-purpose/objective and goals
-literature survey
-project scope and limitations

System analysis

-Existing systems
- scope and limitations of existing systems
-project perspective, features
- stakeholders
-Requirement analysis – Functional requirements, performance requirements, security requirements etc.

System Design

- Design constraints
- System Model: UML Diagrams.
-User interfaces

Implementation details

-Software/hardware specifications

Outputs and Reports Testing

Test Plan, Black Box Testing or Data Validation Test Cases, White Box Testing or Functional Validation Test cases and results

Conclusion and Recommendations

Future Scope

Bibliography and References