Programme	BCA Honors			Branch	Bachelor of Computer Applications	
Semester	VI			Version	1.0.0.0	
Effective from Academic Year	2026-2027			Effective for the batch Admitted in	June 2024	
Subject Code	U36E6SDP1		Subject Name	SYSTEM DEVELOPMENT PROJECT-I		

Teaching scheme						Examination scheme (Marks)				
(Per week)	Lecture (DT)		Practical (Lab.)		Total			CE	SEE	Total
	L	TU	P	TW						
Credit	-	-	4	-	4	Theory		-	-	-
Hours	-	-	4	-	4	Practical		50	50	100

Objective:

System Development Life Cycle (SDLC), Concepts of OOP, Concepts of DBMS, Design technique like System Flow Chart (SFC) , Data Flow Diagram(DFD) and E-R Diagram, Basic information about business processes as per project definition.

Pre-requisites:

 By the completion of this course, students will be able to develop actual system development software.

Course Outcomes :

Name of CO	Description
CO1	Identify the requirements for the real world problems
CO2	Conduct a survey of several available literatures in the preferred field of study
CO3	Study and enhance software/ hardware skills
CO4	Demonstrate and build the project successfully by hardware requirements, coding, emulating and testing
CO5	To report and present the findings of the study conducted in the preferred domain
CO6	Demonstrate an ability to work in teams and manage the conduct of the research study

Mapping of CO and PO

Cos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	3	3	3	3	2	3	3	3	3	3	3
CO2	3	3	3	3	3	2	3	3	3	2	3	3
CO3	3	3	3	3	3	3	3	3	2	1	1	3
CO4	3	3	3	3	3	3	3	3	2	1	1	3
CO5	3	3	3	3	3	2	3	3	3	1	1	3
CO6	1	2	2	2	2	3	3	3	3	3	3	3

Content:

Unit	Content	Hrs
	1) The duration of the project will be full semester term. The students can develop their project individually or in a group of not more than 2 students. 2) The project can be developed in any language or platform but it is required to get it approved by the head of the institution. For the purpose of approval , they have to submit their project titles and proposals with the name of internal and external guides to the Head/Project Coordinator of Institution within specified time period of the commencement of the sixth semester. In case, if the student proposal is rejected, the revised proposal in the same or other area, is required to submit and get it sanctioned within deadline given by Head/Project coordinator. Failing to do this, His/her term will not be granted. 3) Once the project proposal is approved, it should not be allow changing without prior permission of Head/Project coordinator. 4) The students have to report to the internal guide regularly during the project life span with the progress report duly signed by external guide.Moreover they have to bring these reports with the final report at the time of external examination. Students are required to submit their presentation in one soft copy and two hard copy as per format given byHead/Project coordinator before external examination. 5) The external examiners appointed by the University will give the external marks on the basis of the heads like Presentation, Demonstration, Viva Voice,Documentation etc. The distribution of the marks to different heads may be decided at the time of evaluation of the project but it is expected to have the same distribution. 6) The Internal Guide/Project Coordinator of Institution will give the internal marks. These marks may be given on the bases of regular reporting of the student to the internal guide, internal examination and a report obtained from the external guide.	60

Practical Content:

System development project

Text Books:	
Reference Books:	
Web References / MOOC / Certification Course	
Question Paper Scheme:	
	Note for Examiners: Exam Marks must be putted out of 50 by observing overall work of student in the project.