



GANPAT UNIVERSITY

FACULTY OF COMPUTER APPLICATIONS

Programme	Master of Computer Applications			Branch/ Spec.	Computer Application		
Semester	IV			Version	1.0.0.0		
Effective from Academic Year			2024-25	Effective for the batch Admitted in			June 2024
Subject Code	P14A1SDP2		Subject Name	System Development Project – II			

Teaching scheme						Examination scheme (Marks)			
(Per week)	Lecture (DT)		Practical (Lab.)		Total		C E	S E E	Total
	L	TU	P	T W					
Credit	0	0	2 4	0	24	Theory	0	0	0
Hours	0	0	4 8	0	48	Practical	4 5 0	30 0	7 5 0

Objective:

- Student should have developed one software project.

Pre-requisites:

- Student can study, analyze, design, implement and evaluate the information system.

Course Outcomes :

- 1 = Slight (Low); 2 = Moderate (Medium); 3 = Substantial (High); “-” = No Correlation

Name of CO	Description
CO1	Analyze real-world problems and derive clear functional and non-functional requirements.
CO2	Design system architecture and detailed models (diagrams, data structures, workflows) based on user requirements.
CO3	Implement the software solution following design specifications and apply appropriate coding standards and tools.
CO4	Test, validate, and document the software solution as per the software development lifecycle, including maintenance and system-level reporting.

Mapping of CO and PO

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	3	2	1	-	-	-	1

	<div>6.2 Activity Diagram</div> <div>6.3 Class Diagram</div> <div>6.4 Sequence Diagram</div> <div>6.5 Deployment Diagram</div> <div>7 Data Dictionary</div> <div>8 Input & Output Design</div> <div>9 Testing</div> <div>10 Post implementation review</div> <div>11 Future Enhancement</div> <div>12 Conclusion</div> <div>13 Bibliography / References</div> <div>Evaluation Parameters:<ul style="list-style-type: none">● Evaluation of the projects would be done considering the framework available at the Institute. The main parameter of assessment would be the ability of the students to code. Though the project and domain specific knowledge would be assessed for, the evaluation would predominantly depend on the students’ ability to explain, modify or revise of code.● Coding standards should have been implemented.● Though the project would be evaluated for the entire team, the examiner should emphasize on the contribution of each team member in the project development● Total Marks (750 = 300 External + 450 Internal)<table><tr><th>Parameters</th><th>Marks</th></tr><tr><td>Understanding & knowledge of the system</td><td>75</td></tr><tr><td>Presentation Skill</td><td>75</td></tr><tr><td>Answer to queries</td><td>75</td></tr><tr><td>Project Report</td><td>75</td></tr></table></div>	Parameters	Marks	Understanding & knowledge of the system	75	Presentation Skill	75	Answer to queries	75	Project Report	75	
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Understanding & knowledge of the system	75											
Presentation Skill	75											
Answer to queries	75											
Project Report	75											
Practical Content:												
NA												
Text Books:												
	NA											
Reference Books:												
	NA											
MOOC/Certification Courses:												
	NA											
Question Paper Scheme:												
NA												