

FACULTY OF COMPUTER APPLICATIONS

TEACHING AND EXAMINATION SCHEME

Programme	MASTER OF SCIENCE IN INFORMATION TECHNOLOGY (INFRASTRUCTURE MANAGEMENT SERVICES) – M.Sc - IT (IMS)	Branch/Spec.	Computer Applications																
Semester	IV																		
Effective from Academic Year	2018-19			Effective for the batch Admitted in										June 2017					
Subject Code	Subject Name	Teaching scheme												Examination scheme (Marks)					
		Credit						Hours (per week)						Theory			Practical		
		Lecture(DT)			Practical(Lab.)			Lecture(DT)			Practical(Lab.)			CE	SEE	Total	CE	SEE	Total
		L	TU	Total	P	TW	Total	L	TU	Total	P	TW	Total						
P44A1IP4	INDUSTRIAL PROJECT – IV	-	-	-	24	-	24	-	-	-	48	0	48	-	-	-	450	300	750
Total		-	-	-	24	-	24	-	-	-	48	-	48	-	-	-	450	300	750



GANPAT UNIVERSITY

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(Per week)	Lecture(DT)		Practical(Lab.)		Total	
	L	TU	P	TW		
Credit			24		24	Theory - - -
Hours			48		48	Practical 450 300 750
Pre-requisites:						
Students should have prepared any internal project.						
Learning Outcome:						
Student can get practical exposure to make software development in the industry.						
Theory syllabus						
Unit	Content					Hrs
1	<p>Rules for the Project:</p> <ol style="list-style-type: none"> 1) The duration of the project will be minimum 120 days. The students can do their project work individually or in a group, but the work must be sufficient in order to justify the duration and role. 2) The passing standard will be as per GNU policy. 3) The project can be done by seeking prior approval from the institution. Generally the purpose of approval includes to submit their project titles and proposals with the name of internal and external guides to the Project Coordinator of Institution within 15 days of the commencement of the forth 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 next 10 days. Failing to do this, His/her term will not be granted. 4) The students have to report to the internal guide as per schedule declared during the project life span with the progress report duly signed by external guide but in case the minimum 3 reporting is must. The reporting can be online but it need prior approval with genuine grounds. Moreover they have to bring these reports with the final report at the time of final report at the time of 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 and a report obtained from the external guide. 					

2	<p>Contents of Project Report on Networking</p> <table border="1" data-bbox="207 414 1366 1234"> <thead> <tr> <th data-bbox="207 414 373 456">Sr.No.</th> <th data-bbox="373 414 1366 456">TITLE</th> </tr> </thead> <tbody> <tr> <td data-bbox="207 456 373 499">1.</td> <td data-bbox="373 456 1366 499">Project Title & Project Objective</td> </tr> <tr> <td data-bbox="207 499 373 542">2.</td> <td data-bbox="373 499 1366 542">Company Profile</td> </tr> <tr> <td data-bbox="207 542 373 584">3.</td> <td data-bbox="373 542 1366 584">Existing System & its Infrastructure</td> </tr> <tr> <td data-bbox="207 584 373 627">4.</td> <td data-bbox="373 584 1366 627">Need for the new System (compare with the market scenario)</td> </tr> <tr> <td data-bbox="207 627 373 669">5.</td> <td data-bbox="373 627 1366 669">H/W & S/W requirement</td> </tr> <tr> <td data-bbox="207 669 373 712">6.</td> <td data-bbox="373 669 1366 712">Introduction to the Topic</td> </tr> <tr> <td data-bbox="207 712 373 754">7.</td> <td data-bbox="373 712 1366 754">Introduction to Tools & Technology</td> </tr> <tr> <td data-bbox="207 754 373 797">8.</td> <td data-bbox="373 754 1366 797">Introduction to Devices used & why it is used</td> </tr> <tr> <td data-bbox="207 797 373 840">9.</td> <td data-bbox="373 797 1366 840">Brief description of protocol Used (if any)</td> </tr> <tr> <td data-bbox="207 840 373 927">10.</td> <td data-bbox="373 840 1366 927">User Diagram (hierarchical authorization) & Activity Diagram</td> </tr> <tr> <td data-bbox="207 927 373 969">11.</td> <td data-bbox="373 927 1366 969">Network Structure (proposed Model)</td> </tr> <tr> <td data-bbox="207 969 373 1057">12.</td> <td data-bbox="373 969 1366 1057">Configuration (Commands and its description)</td> </tr> <tr> <td data-bbox="207 1057 373 1099">13.</td> <td data-bbox="373 1057 1366 1099">Screen Snapshots</td> </tr> <tr> <td data-bbox="207 1099 373 1142">14.</td> <td data-bbox="373 1099 1366 1142">Challenges</td> </tr> <tr> <td data-bbox="207 1142 373 1184">15.</td> <td data-bbox="373 1142 1366 1184">Conclusion</td> </tr> <tr> <td data-bbox="207 1184 373 1227">16.</td> <td data-bbox="373 1184 1366 1227">References</td> </tr> </tbody> </table>	Sr.No.	TITLE	1.	Project Title & Project Objective	2.	Company Profile	3.	Existing System & its Infrastructure	4.	Need for the new System (compare with the market scenario)	5.	H/W & S/W requirement	6.	Introduction to the Topic	7.	Introduction to Tools & Technology	8.	Introduction to Devices used & why it is used	9.	Brief description of protocol Used (if any)	10.	User Diagram (hierarchical authorization) & Activity Diagram	11.	Network Structure (proposed Model)	12.	Configuration (Commands and its description)	13.	Screen Snapshots	14.	Challenges	15.	Conclusion	16.	References	
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			Testing types covered, Number of defects found, number of defect closed, Number of defect open, etc)		
		9	Bibliography / References		
Practical content					
Text Books					
1	System Engineering Analysis, Design, and Development: Concepts, Principles, and Practices (Wiley Series in Systems Engineering and Management) By Charles S. Wasson				
Reference Books					
1	Systems Analysis and Design in a Changing World 7th Edition by john w. satzinger				