

LNCT UNIVERSITY, BHOPAL

Master of Computer Application Scheme of Examination

PROGRAMME: MCA (AI/ML)

wef: July 2025

BRANCH : CA

SEMESTER: I

S. No	Paper Code	Paper Name	Maximum Marks Allotted					Credits Allotted				Total Credits	Remarks
			Theory Slot		Practical Slot		Total Marks						
			EST	CAT	ESP	CAP		L	T	P	J		
1	MAI -101	Data Structures	80	20	-	-	100	3	1	0	-	04	One credit refers to one hour teaching in theory, tutorial, practical and Project. 36 hour workload per week corresponding to LTPJ
2	MAI -102	Decoding Data: Learn AI, ML, DS & Analytics	80	20	-	-	100	3	1	0	-	04	
3	MAI -103	Computer Architecture & Operating System	80	20	-	-	100	3	1	0	-	04	
4	MAI -104	Software Engineering Methodologies and UML	80	20	-	-	100	3	1	0	-	04	
5	MAI -105	Data Analysis Using Python	80	20	-	-	100	3	1	0	-	04	
6	MAI -106	Lab in Data Structures	-	-	120	80	200	-	-	8	-	08	
7	MAI -107	Programming Lab in C++	-	-	30	20	50	-	-	2	-	02	
8	FC-111	Disaster Management											
Total			400	100	150	100	750	15	5	10	0	30	

MST: Mid Semester Test

CAT: Continuous Assessment Theory

EST: End Semester Theory

ESP: End Semester Practical

CAP: Continuous Assessment Practical

L: Lecture

T: Tutorial

P: Practical

J: Project Work

FC-111: Non-Gradable, Necessary to pass the exam to earn the certificate.