

LNCT UNIVERSITY, BHOPAL

Master of Computer Application Scheme of Examination

PROGRAMME: MCA (AI/ML)

wef: July 2025

BRANCH : CA

SEMESTER: III

S. No	Paper Code	Paper Name	Maximum Marks Allotted					Credits Allotted				Total Credits	Remark
			Theory Slot		Practical Slot		Total Marks						
			EST	CAT	ESP	CAP		L	T	P	J		
1	MAI -301	Data Mining and Online Transaction Processing	80	20	-	-	100	3	1	0	-	04	One credit refers to one hour teaching in theory, tutorial, practical and Project : 30 hour workload per week corresponding to LTPJ
2	MAI -302	Natural Language Processing & Generative AI	80	20	-	-	100	3	1	0	-	04	
3	MAI -303	Machine Learning and Pattern Recognition	80	20	-	-	100	3	1	0	-	04	
4	MAI -304	Elective – I	80	20	-	-	100	3	1	0	-	04	
5	MAI -305	Elective – II	80	20	-	-	100	3	1	0	-	04	
6	MAI -306	Minor Project on NLP	-	-	120	80	200	-	-	-	8	08	
7	MAI -307	Lab in Data Mining	-	-	30	20	50	-	-	2	-	02	
Total			400	100	150	100	750	15	5	2	8	30	

Elective – I

1. Cyber Security & Law
2. Compiler Design
3. Introduction to Data Science and Big Data
4. Internet of Things

Elective – II

1. Design and Analysis of Algorithms
2. Soft Computing
3. Computer Graphics
4. Distributed Systems

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