

M.Sc-Artificial Intelligence
FIRST SEMESTER

A. THEORY/PRACTICAL						
S. No.	SUBJECT NAME	SUBJECT TYPE	HOURS / WEEK			CREDITS
			L	T	P	
1	Artificial Neural Networks	CC-1	3	-	2	4
2	Distributed Operating System	CC-2	3	-	2	4
3	Advanced Data Structures and Algorithms	CC-3	4	-	4	6
4	Advanced Database Management Systems	CC-4	3	-	2	4
5	Inferential Statistics	CC-5	3	-	2	4
6	Python Programming	SEC -1	3	-	2	4
Total of Theory and Tutorial						19
Total of Practical						7
Total of Semester						26

SECOND SEMESTER

A. THEORY/PRACTICAL						
S.No.	SUBJECT NAME	SUBJECT TYPE	PERIODS/WEEK			CREDITS
			L	T	P	
1	Advanced Java Programming	CC -6	4	-	4	6
2	Machine Learning	CC -7	3	-	2	4
3	Software Engineering Concepts and Methodologies	CC -8	3	-	0	3
4	Digital Image Processing	CC -9	3	-	2	4
5	Natural Language Processing	CC -10	3	-	2	4
6	Web Technologies	CC -11	3	-	2	4
Total of Theory and Tutorial						19
Total of Practical						6
Total of Semester						25

THIRD SEMESTER

A. THEORY/PRACTICAL						
S.No.	SUBJECT NAME	SUBJECT TYPE	PERIODS/WEEK			CREDITS
			L	T	P	
1	Computer Vision	CC-12	3	-	2	4
2	Deep Learning	CC-13	4	-	4	6
3	Departmental Elective I	DSE-1	3	-	2	4
4	Departmental Elective - II	DSE-2	3	-	2	4
5	Advanced Machine Learning	CC-14	4	-	4	6
6	Placement training	SEC	2	-	0	2
Total of Theory & Tutorial						19
Total of Practical						7
Total of Semester						26

Departmental Elective I
Chat-bot Development
Big Data Analytics

Departmental Elective II
Sensor Technology
Intelligent Process Automation

FO
UR

TH SEMESTER

A. THEORY/PRACTICAL						
S.No.	SUBJECT NAME	SUBJECT TYPE	PERIODS/WEEK			CREDITS
			L	T	P	
1	Final Project/ Internship and Viva	PE-3	-	-	32	16
2	Research Methodology	SEC-3	5	-	-	5
3	Research Project	SEC-4	-	-	12	6
Total of Theory & Tutorial						5
Total of Practical						22
Total of Semester						27