



## Department of Artificial Intelligence

Scheme of Teaching, Examination & Evaluation

B. Tech. Fifth Semester (NEP)

Scheme :- BTECH/AI/NEP-24/R0

Fifth Semester

Sr. No.	Type of Course	Course Code	Course Title	Teaching Scheme (Hours/ Week )			Credits	Maximum Marks			Minimum Marks			End Semester Exam Duration (Hrs)
				L	T	P		Continuous Evaluation	End Semester Exam	Total Marks	Continuous Evaluation	End Semester Exam	Total Marks	
1	PCC	AI501T	Design and analysis of Algorithm	3	0	0	3	40	60	100	---	15	45	3
2		AI501P	Design and analysis of Algorithm Lab	0	0	2	1	25	25	50	---	---	25	---
3		AI502T	Operating System	3	0	0	3	40	60	100	---	15	45	3
4		AI502P	Operating System Lab	0	0	2	1	25	25	50	---	---	25	---
5		AI503T	Introduction to Robotics	2	0	0	2	20	30	50	---	8	23	2
6	PEC	AI504T	Program Elective-I (Refer Program Elective Basket)	3	0	0	3	40	60	100	---	15	45	3
7		AI504P	Program Elective-I Lab (Refer Program Elective Basket)	0	0	2	1	25	25	50	---	---	25	---
8	MDM	CSAI505T	Multidisciplinary Minor-III (Refer MD M Basket)	3	0	0	3	40	60	100	---	15	45	3
9		CSAI505P	Multidisciplinary Minor-III Lab (Refer MD M Basket)	0	0	2	1	25	25	50	---	---	25	---
10	OE	CSAI506T	Open Elective - III (Refer OE Basket)	2	0	0	2	20	30	50	---	8	23	2
Total				16	0	8	20			700				

Abbreviations:-

L- Lecture, T- Tutorial, P- Practical

PCC - Programme Core Course, PEC- Programme Elective Course, MDM - Multidisciplinary Minor, OE- Open Elective other than program.

Multidisciplinary Minor (MD M)-III		
Sr. No.	Course Code	Course Name
1	CSEAI505T	Introduction to Database Management System
2	CSEAI505P	Introduction to Database Management System Lab

Open Elective - III			
Sr. No.	Category	Course Code	Course Name
1	OE	CSEAI506T	Linux Fundamentals

Programme Elective Basket (PEC) - 1		
Sr. No.	Course Code	Course Name
1	AI504T-1	Database Management System
	AI504P-1	Database Management System Lab
2	AI504T-2	Design Pattern
	AI504P-2	Design Pattern Lab