



## Department of Artificial Intelligence

### Scheme of Teaching, Examination & Evaluation

#### B. Tech. Sixth Semester (NEP)

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

**Sixth 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	AI601T	Machine Learning	3	0	0	3	40	60	100	---	15	45	3
2		AI601P	Machine Learning Lab	0	0	2	1	25	25	50	---	---	25	---
3		AI602T	Internet of Things	3	0	0	3	40	60	100	---	15	45	3
4		AI602P	Internet of Things Lab	0	0	2	1	25	25	50	---	---	25	---
5		AI603T	Computer Network	2	0	0	2	20	30	50	---	8	23	2
6	PEC	AI604T	Program Elective-II Refer Program Elective Basket	3	0	0	3	40	60	100	---	15	45	3
7		AI604P	Program Elective-II Lab Refer Program Elective Basket	0	0	2	1	25	25	50	---	---	25	---
8		AI605T	Program Elective-III Refer Program Elective Basket	3	1	0	4	40	60	100	---	15	45	3
9	MDM	CSAI606T	Multidisciplinary Minor-IV (Refer MD M Basket)	2	0	0	2	20	30	50	---	8	23	2
10	VSEC	AI607P	Computer Workshop-II	0	0	4	2	50	50	100	---	---	50	---
Total				16	1	10	22			750				

**Abbreviations:-**

**L- Lecture, T- Tutorial, P- Practical**

**PCC - Programme Core Course, PEC- Programme Elective Course, MDM - Multidisciplinary Minor, VSEC - Vocational and skill enhancement Courses.**

Multidisciplinary Minor-IV		
Sr. No.	Course Code	Course Name
1	CSEAI606T	Software Engineering & Testing

Programme Elective Basket (PEC) - II		
Sr. No.	Course Code	Course Name
1	AI604T-1	NoSQL
2	AI604P-1	NoSQL Lab
3	AI604T-2	Digital Image Processing
4	AI604P-2	Digital Image Processing Lab

Programme Elective Basket (PEC) - III		
Sr. No.	Course Code	Course Name
1	AI605T-1	Introduction to Artificial Intelligence
2	AI605T-2	Fuzzy Logic and Its Applications