



fea

V Semester

Sr No	Course Code	Course Title	Hours per Week			Credits	Maximum Marks		
			L	T	P		Continual Assessment	End Sem Examination	Total
1	22AI501T	Machine Learning	3	-	-	3	30	70	100
2	22AI501P	Machine Learning Lab	-	-	2	1	25	25	50
3	22AI502T	Design and Analysis of Algorithm	3	-	-	3	30	70	100
4	22AI502P	Design and Analysis Of Algorithm Lab	-	-	2	1	25	25	50
5	22AI503T	Operating Systems	3	-	-	3	30	70	100
6	22AI504T	Professional Elective - I	3	-	-	3	30	70	100
7	22AS501T	Economics and Management	3	-	-	3	30	70	100
8	22AI561O	Open Elective-I	3	-	-	3	30	70	100
9	22AI505P	Technical Skill Development-II	-	-	2	1	50	-	50
10	22AI506T	Career Development - III	2	-	-	0	Audit		
Total			20	0	6	21	280	470	750

22AI504T	Professional Elective - I
22AI504T(i)	PE-I Human Computer Interaction
22AI504T(ii)	PE-I Edge AI
22AI504T(iii)	PE-I Internet of Things

22AI561O	Open Elective - I
22AI561O(i)	OE-I AI for everyone
22AI561O(ii)	OE-I Mobile Application Development

		July 2024	1	Applicable for 2024-25
Chairman - BoS	Dean – Academics	Date of Release	Version	

**VI Semester**

Sr No	Course Code	Course Title	Hours per Week			Credits	Maximum Marks		
			L	T	P		Continual Assessment	End Sem Examination	Total
1	22AI601T	Natural Language Processing	3	-	-	3	30	70	100
2	22AI601P	Natural Language Processing Lab	-	-	2	1	25	25	50
3	22AI602T	Deep Learning	3	-	-	3	30	70	100
4	22AI602P	Deep Learning Lab	-	-	2	1	25	25	50
5	22AI603T	Professional Elective - II	3	-	-	3	30	70	100
6	22AI604T	Professional Elective - III	3	-	-	3	30	70	100
7	22AI661O	Open Elective-II	3	-	-	3	30	70	100
8	22H104	Foundational Humanities Elective	2	-	-	-	Audit		
9	22AS502T	English for Engineers	2	-	-	2	15	35	50
10	22AI605P	Project - I	-	-	2	1	50	50	100
11	22AI606T	Career Development - IV	2	-	-	0	Audit		
12	22AI607P	Capstone Course – I **	-	-	2	1	25	25	50
Total			21	-	8	22	290	510	800

** Capstone Course – I (Comprehensive knowledge gained in Artificial Intelligence Branch)

22AI603T	Professional Elective – II	22AI604T	Professional Elective – III
22AI603T(i)	PE-II Fuzzy Logic	22AI604T(i)	PE-III Big Data Visualization
22AI603T(ii)	PE-II Edge Computing	22AI604T(ii)	PE-III Genetic Algorithm
22AI603T(iii)	PE-II ML for Cyber Security	22AI604T(iii)	PE-III Cloud Computing

22AI661O	Open Elective – II	22H104	Foundational Humanities Elective
22AI661O(i)	OE-II Bitcoins & Crypto currencies	22H-103	Development of Societies
22AI661O(ii)	OE-II Fundamentals of AI for Robotics	22H-104	Philosophy

		July 2024	1	Applicable for 2024-25
Chairman - BoS	Dean – Academics	Date of Release	Version	