

8. Implementation Plan

Semester – I					
Course Code	Course Title	Hours/ Week			C
		L	T	P	
ULT20G01J	Tamil-I	2	0	2	3
ULH20G01J	Hindi-I				
ULF20G01J	French-I				
ULE21AE1T	Business English	4	0	0	4
UDS21101T	Introduction to Artificial Intelligence	4	0	0	4
UDS21102J	Introduction to Advanced Computing	4	0	4	6
UDS21G01T	Role of Mathematics in AI	4	0	0	4
UDS21S01T	Introduction to Data Engineering	4	0	0	4
UCD20S01L	Soft Skills	0	0	2	1
Total Learning Credits		22	0	8	26
Total number of hours /week					30

Semester – II					
Course Code	Course Title	Hours/ Week			C
		L	T	P	
ULT20G02J	Tamil-II	2	0	2	3
ULH20G02J	Hindi-II				
ULF20G02J	French-II				
UDS21201J	Introduction to Data Science	4	0	2	5
UDS21202J	Advanced Computing With Distributed Data Processing	4	0	2	5
UDS21G02T	Role of Statistics in AI	4	0	0	4
UDS21S02T	Introduction to Machine Learning	4	0	0	4
UCD20S02L	Quantitative Aptitude and Reasoning	0	0	2	1
UJK20201L	Communication Skills	0	0	4	2
UNS20201L	NSS	0	0	0	0
UNC20201L	NCC				
UNO20201L	NSO				
UYG20201L	YOGA				
Total Learning Credits		18	0	12	24
Total number of hours /week					30

Semester – III					
Course Code	Course Title	Hours/ Week			C
		L	T	P	
UDS21301J	Introduction to Deep Learning	4	0	2	5
UDS21302J	Advanced Computing With Python and GCP	4	0	2	5
UDS21303J	Introduction to Natural Language Processing	4	0	2	5
UDS21S03J	Data Engineering for Enterprise	4	0	2	5
UMI20S01L	My India Project	0	0	0	1
UDS21D07J	Internship – I	0	0	0	1
UJK20301T	Universal Human Values	2	0	0	2
Total Learning Credits		18	0	8	24
Total number of hours /week					31

Semester - IV					
Course Code	Course Title	Hours/ Week			C
		L	T	P	
UDS21401J	Deep Learning for Enterprise	4	0	2	5
UDS21402J	Introduction to Computer Vision	4	0	2	5
UDS21403J	Working with Big Data	4	0	2	5
UDS21404J	Data Science for Enterprise	4	0	2	5
UJK20401T	Professional Skills	2	0	0	2
Total Learning Credits		18	0	8	22
Total number of hours /week					30

Semester –V					
Course Code	Course Title	Hours/ Week			C
		L	T	P	
UDS21501J	Intelligent Automation	4	0	4	6
UDS21502J	Real-World Computer Vision Applications	4	0	2	5
UDS21D01J	Advanced Analytics and Data Visualization for Enterprise	4	0	2	5
UDS21D02J	Machine Learning for Enterprise				
UES20AE1T	Environmental Studies	3	0	0	3
UDS21D08J	Internship – II	0	0	0	1
UJK20501T	Leadership and Management Skills	2	0	0	2
Total Learning Credits		17	0	8	22
Total number of hours /week					27

Semester - VI					
Course Code	Course Title	Hours/ Week			C
		L	T	P	
UDS21601J	Intelligent Automation for Enterprise	4	0	4	6
UDS21D03T	Digital Transformation	4	0	0	4
UDS21D04T	Working with IIoT Data				
UDS21D05T	Technology Leadership and Innovation Management	4	0	0	4
UDS21D06T	Social Media and Text Analytics				
UDS21D09J	Project Work	0	0	12	6
	Total Learning Credits	12	0	16	20
Total number of hours /week					28

Total Learning Credits: 138