

Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur

Scheme of B.Tech.

Four Year Course

Computer Science & Engineering (Data Science)

B.Tech. Fifth semester CSE(DS)

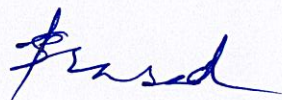
Sr. No.	Course Code.	Category	Course Name	Hours/ Week			Credits	Theory		Practical		Total	Minimum Passing Marks	
				L	T	P		Internal	University	Internal	University		Theory	Practical
1	BTECH_CSEDS-501T	PCC-CS	Software Engineering & Project Management	3	-	-	3	30	70	-	-	100	45	-
2	BTECH_CSEDS-502T	PCC-CS	Artificial Intelligence	3	-	-	3	30	70	-	-	100	45	-
3	BTECH_CSEDS-503T	PCC-CS	Language Processor	3	1	-	4	30	70	-	-	100	45	-
4	BTECH_CSEDS-504T	PEC-CS	Elective-I	3	-	-	3	30	70	-	-	100	45	-
5	BTECH_CSEDS-505P	PCC-CS	Software Engineering & Project Management-Lab	-	-	2	1	-	-	25	25	50	-	25
6	BTECH_CSEDS-506P	PCC-CS	Artificial Intelligence -Lab	-	-	2	1	-	-	25	25	50	-	25
7	BTECH_CSEDS-507P	PCC-CS	Language Processor-Lab	-	-	2	1	-	-	25	25	50	-	25
8	BTECH_CSEDS-508T	HSMC	Effective Technical Communication	2	-	-	2	15	35	-	-	50	23	-
9	BTECH_CSEDS-509T	PROJ-CS	Mini Project-I	-	-	6	2	-	-	25	25	50	-	25
10	BTECH_CSEDS-5010T	MCC	Essences of Indian Knowledge Tradition	3	-	-	Audit	-	-	50	-	Audit	-	-
Total				17	1	12	20	135	315	150	100	650		

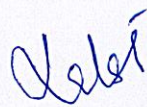
Elective-I :

i) Soft Computing

ii) Digital Image Processing

iii) Health Informatics




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Sr. No.	Course Code.	Category	Course Name	Hours/ Week			Credits	Theory		Practical		Total	Minimum Passing Marks	
				L	T	P		Internal	University	Internal	University		Theory	Practical
1	BTECH_CSEDS-601T	PCC-CS	Data Science	3	-	-	3	30	70	-	-	100	45	-
2	BTECH_CSEDS-602T	PCC-CS	Machine Learning	3	1	-	4	30	70	-	-	100	45	-
3	BTECH_CSEDS-603T	PEC-CS	Elective-II	3	-	-	3	30	70	-	-	100	45	-
4	BTECH_CSEDS-604T	PEC-CS	Elective-III	3	-	-	3	30	70	-	-	100	45	-
5	BTECH_CSEDS-605T	OEC	Open Elective -I	3	-	-	3	30	70	-	-	100	45	-
6	BTECH_CSEDS-606P	PCC-CS	Data Science- Lab	-	-	2	1	-	-	25	25	50	-	25
7	BTECH_CSEDS-607P	PCC-CS	Machine Learning -Lab	-	-	2	1	-	-	25	25	50	-	25
8	BTECH_CSEDS-608P	PROJ-CS	Mini Project-II	-	-	6	2	-	-	25	25	50	-	25
9	BTECH_CSEDS-609T	HSMC	Report Writing (Audit Course)	2	-	-	Audit	-	-	50	-	Audit	-	-
Total				17	1	10	20	150	350	125	75	650		

Elective-II :

i) Principles of Cloud Computing ii) Computer Vision iii) Design Pattern

Elective-III :

i) Advance Operating System ii) Advance Computer Network iii) Artificial Neural Network

Open Elective -I:

i) Java Programming ii) Human Computer Interaction