



Department of Computer Science & Engineering
Scheme for M. Tech (CSE) with
Specialization: **Data Analytics and Decision Sciences**

Semester I				
Sl. No.	Course Name	Category	I-P	Credits
1	Mathematical Foundations for Data Science	PEC	3-0	3
2	Advanced Data Structures and Algorithms	PEC	3-0	3
3	Principles of Data Analytics	PEC	3-0	3
4	Statistical Learning	PEC	3-0	3
5	Decision Sciences	PEC	2-2	3
6	Department Elective-I	PEC	3-0	3
7	Decision Sciences Practice	PEC	1-3	2
8	Seminar	PCD	0-3	2
Total				23
Semester II				
Sl. No.	Course Name	Category	I-P	Credits
1	Market Science and Predictive Analytics	PEC	3-0	3
2	Advanced Decision Modelling Techniques	PEC	3-0	3
3	Machine Learning	PEC	3-0	3
4	Decision Support Systems	PEC	3-0	3
5	Department Elective - II	PEC	3-0	3
6	Department Elective - III	PEC	3-0	3
7	Predictive Analytics Practice	PEC	0-3	2
8	Machine Learning Practice	PEC	0-3	2
9	Comprehensive Viva-Voce	PCD	---	2
Total				24
Semester III				
Sl. No.	Course Name	Category	I-P	Credits
1	Dissertation Work-I	PCD	0-25	10
Total				10
Semester IV				
Sl. No.	Course Name	Category	I-P	Credits
1	Dissertation Work-II	PCD	0-25	20
Total				20
Total Credits				77