

Program Elective Courses M.Tech. (Applied Mathematics and Scientific Computing)

Teaching Scheme					Contact Hours/Week			Exam Duration		Relative Weight (%)				
S. No.	Subject Code	Course Title	Subject Area	Credits	L	T	P	Theory	Practical	CWS	PRS	MTE	ETE	PRE
1.	AMS-601	Introduction to Approximation Theory	PEC	4	3	1	0	3	-	20-35	-	20-30	40-50	-
2.	AMS-602	Advanced Transform Techniques	PEC	4	3	1	0	3	-	20-35	-	20-30	40-50	-
3.	AMS-603	Applied Soft Computing	PEC	4	3	1	0	3	-	20-35	-	20-30	40-50	-
4.	AMS-604	Applied Operations Research	PEC	4	3	1	0	3	-	20-35	-	20-30	40-50	-
5.	AMS-605	Advanced Decision Making	PEC	4	3	1	0	3	-	20-35	-	20-30	40-50	-
6.	AMS-606	<u>Ethics in Artificial Intelligence and Data Science</u>	PEC	4	3	1	0	3	-	20-35	-	20-30	40-50	-
7.	AMS-607	Advanced Integral Equations and Calculus of Variations	PEC	4	3	1	0	3	-	20-35	-	20-30	40-50	-
8.	AMS-608	Advanced Evolutionary Algorithms	PEC	4	3	1	0	3	-	20-35	-	20-30	40-50	-
9.	AMS-609	Computational Differential Equations	PEC	4	3	1	0	3	-	20-35	-	20-30	40-50	-
10.	AMS-610	Logistics and Supply Chain Management	PEC	4	3	1	0	3	-	20-35	-	20-30	40-50	-
11.	AMS-611	Advanced Computational Fluid Dynamics	PEC	4	3	1	0	3	-	20-35	-	20-30	40-50	-

14 DEC 2022
