

School of Engineering and Applied Science, Ahmedabad University			
Programme: M. Tech. (CSE)			
Semester	Name of the courses	Credits	Core/ Elective
First			
	1 Mathematics	3	Core
	2 Probability Statistics and Inference	3	Core
	3 Data Analytics and Visualisation	3	Core
	4 High Performance Computing	3	Core
	5 Technical Communication	3	Core
	<b>Semester Total Credits</b>	<b>15</b>	
Second			
	1 Algorithms & Optimization for Big Data	3	Core
	2 Research Methodology	3	Core
	3 Machine Learning	3	Core
	4 Big Data Analytics	3	Core
	5 Advanced Statistics	3	Core
	<b>Semester Total Credits</b>	<b>15</b>	
Summer			
	Thesis/Project Progress Assessment - 1	3	
	<b>Semester Total Credits</b>	<b>3</b>	
Third			
	1 Elective Course – I	3	Elective
	2 Elective Course - II	3	Elective
	3 Thesis/Project Progress Assessment - 2	2	Thesis
	4 Thesis/Project Progress Assessment - 3	3	Thesis
	5 Thesis/Project Progress Assessment - 4	4	Thesis
	<b>Semester Total Credits</b>	<b>15</b>	
Fourth			
	1 Thesis/Project Progress Assessment - 5	3	Thesis
	2 Thesis/Project Progress Assessment - 6	3	Thesis
	3 Thesis/Project Progress Assessment - 7	3	Thesis
	4 Thesis/Project Progress Assessment - 8	3	Thesis
	5 MTech Thesis Evaluation	3	Thesis
	(Presentation and Viva-voce)		