

Sheet1

Schedule for AE441A- Rocket propulsion, Department of Aerospace Engineering, IIT Kanpur, Sathesh Mariappan						
Week number	Week start	Lecture number	Lecture title	Chapter	Assignment	Quiz
1	11-9-20	1	Introduction to Rocket Propulsion (course)			
		2	Performance parameters			
2	27-9-20	3	Velocity increment & range			
		4	Multi-staging – part A			
		5	Multi-staging – part B			
3	14-9-20		Flight trajectory	1	Assignment 1	Quiz 1
		6	Introduction to Combustion			
4	21-9-20	7	Thermochemistry			
		8	Adiabatic flame temperature	2	Assignment 2	
5	28-9-20	9	Rocket thrust chambers	3		Quiz 2
		10	Rocket nozzles			
6	5-10-20	11	Electric propulsion	4		
		12	Closing remarks			
	12-10-20		Midsem exam week			Quiz 3
			Grading policy			
			Assignment	30	15+15	
			Quiz (best 2 out of 3)	70	35+35	
			Total	100		