TENTATIVE SCHEDULE FOR MATH – III (JULY-NOV 2016)

DATES	TOPIC	REMARKS
3 weeks (25 July – 16 Aug)	First Order Differential Equations (DE): Different types and solutions Modeling with First order Equations Existence and Uniqueness Theorem	Assignment-1
2 weeks (22 Aug – 31 Aug)	Second Order Linear Equations:	
1 week (5 Sept-13 Sept)	Higher Order Linear Equations	Assignment-2
2 weeks (19 Sept-30 Sept)	Power Series Solutions	Assignment-3
3 weeks (3 Oct- 22 Oct)	Laplace Transforms : Definition LT for elementary functions LT for ODE	Assignment-4
2 weeks (24 Oct-5 Nov)	Fourier Series	
1 week (7 Nov-12 Nov)	Sets, Relations and Functions (Emphasis on Partial order, mathematical induction	

Minor 1	22 August
Minor 2	19 September
Minor 3	24 October

Evaluation:
Best 2 out of 3 minors : 40 marks
(Assignments will be added to the Minors)

Major : 60 marks (End- semester examination)