

Tentative Schedule for Theory of Computation (JAN- APRIL 2018)

DATE	TOPIC	Remarks
9 JAN	Introduction	
12 JAN	Regular Expressions	HW-1
16 JAN	RE; Intro to DFA	
19 JAN	DFA	
23 JAN	NFA; epsilon-NFA Conversion to DFA	
26 JAN		Holiday
30 JAN	DFA to RE	Assignment - 1
2 FEB	Minimization	
6 FEB	Properties of RL, Non-regular languages	
9 FEB	Pumping lemma	
10 FEB	Minor -1	Saturday
13 FEB	Pumping Lemma	
16 FEB	CFG Intro: Basic examples	
20 FEB	CFG	HW-2
23 FEB	CFG, Parse trees	
27 FEB	PDA	
2 MARCH	DPDA	Assignment-2
6 MAR	Properties of CFL,	
9 MAR	Normal Forms	
13 MAR	PDA and CFG	
16 MAR	Intro TM	HW-3
17 MAR	Minor-2	Saturday
20 MAR	TM	
23 MAR	TM	
27 MAR	TM	Assignment-3
30 MAR		Holiday
3 APRIL	Variants of TM	
6 APRIL	Decidability	
10 APRIL	UnDecidability	
13 APRIL	Minor-3	