

LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
4	2/2	strings Alphabets	1			
4	3/2	languages, operations FSM	1			
2	4/2	Finite automaton model acceptance of strings & languages	1			
1	5/2	DFA, problems in DFA	1			
4	9/2	NFA, problems in NFA	1			
4	10/2	Conversion of NFA to DFA	1			
2	11/2	problems on Conversion of NFA to DFA	1			
1	12/2	NFA with ϵ -transition problems.	1			
4	13/2	Conversion of NFA with ϵ 's into without ϵ 's	1			
4	16/2	minimization of FA	1			
4	17/2	problems on FA minimization.	1			
2	18/2	Equivalence of Two Finite Automatas	1			
1	19/2	FA with output - Moore machine	1			
4	23/2	problems on Moore machine	1			
4	24/2	Mealy machine problem	1			
2	25/2	Conversion from Moore to Mealy & Mealy to Moore	1			
1	26/2	Regular sets, Regular expressions	2			
4	16/3	Identify rules	2			
4	17/3	properties of Regular sets - Conversion of RE to FA	2			
2	18/3	problems on Conversion	2			
1	19/3	Conversion of FA to RE	2			

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4	23/3	problems on Conversion of FA to RE	2			
4	24/3	problems on Conversion FA to RE	2			
2	25/3	Pumping lemma of Regular sets	2			
1	26/3	1st - mid				
4	30/3	Regular grammars	3			
4	31/3	RLG - problems on RLG	3			
4	6/4	LLG - problems on LLG	3			
4	7/4	Equivalence between RLG and LLG	3			
2	8/4	Conversion between RLG to FA	3			
1	9/4	problems on Conversion of RG to FA	3			
4	13/4	Conversion of FA to RLG	3			
4	14/4	problems on Conversion of FA to RLG	3			
2	15/4	CFLG	3			
1	16/4	derivation trees - problems on derivation trees	3			
4	20/4	LMD, RMD, ambig-uity of grammars	3			
4	21/4	CFLG minimization	3			
2	22/4	Chomsky normal form	3			
1	23/4	Greibach normal form	3			
4	27/4	problems on GNF	3			
4	28/4	Enumeration properties.	3			

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Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
2	29/4	PDA - model	4			
1	30/4	PDA - acceptance by final state	4			
4	18/5	problems on acceptance by final state	4			
4	19/5	PDA - acceptance by empty stack.	4			
2	20/5	problems on acceptance by empty stack	4			
1	21/5	II - mid	4			
4	25/5	problems on acceptance by empty stack	4			
4	26/5	Equivalence between PDA empty stack & PDA final state	4			
2	27/5	problems on equivalence of empty stack & final state	4			
1	28/5	Equivalence of CFL and PDA	4			
4	1/6	problems on equivalence of CFL and PDA	4			
4	2/6	problems on equivalence of CFL and PDA	4			
2	3/6	problems on equivalence of CFL and PDA	4			
1	4/6	problems on equivalence of CFL and PDA	4			
4	8/6	Turing machine model	5			
4	9/6	problems on Turing machine	5			
2	10/6	Review of Turing machine	5			

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