

Theory Online Classes for April month

Sno	Year/ Sem	Subject	Date & Period	Topic	App used	Link(if any resources)
1	III/II	Design and Analysis of Algorithms	24/03/2020,10:50AM-11:45AM(CSE-B)	BFS algorithm and example	WEBEX	
2	III/II	Design and Analysis of Algorithms	26/03/2020, 8:40AM-9:35AM(CSE-B)	DFS algorithm and example	WEBEX	
3	III/II	Design and Analysis of Algorithms	31-03-2020 , 2:15PM-3:10PM(CSE-B)	bi connected components and Algorithm for biconnected components	WEBEX	
4	III/II	Design and Analysis of Algorithms	4/4/2020, 2:15PM-3:10PM(CSE-B)	Back tracking Introduction and 4 queens problem	WEBEX	
5	III/II	Design and Analysis of Algorithms	7/4/2020, 10:50AM-11:45AM(CSE-B)	n queens algorithm	WEBEX	
6	III/II	Design and Analysis of Algorithms	9/4/2020, 8:40AM-9:35AM(CSE-B)	hamiltonian cycle problem	WEBEX	
7	III/II	Design and Analysis of Algorithms	16-04-2020, 8:40AM-9:35AM(CSE-B)	graph coloring problem	WEBEX	
8	III/II	Design and Analysis of Algorithms	21-04-2020,10:50AM-11:45AM(CSE-B)	sum of subsets problem	WEBEX	
9	III/II	Design and Analysis of Algorithms	23-04-2020,8:40AM-9:35AM(CSE-B)	0/1 knapsack problem	WEBEX	
10	III/II	Design and Analysis of Algorithms	28-04-2020,10:50AM-11:45AM(CSE-B)	branch and bound introduction and methods	WEBEX	
11	III/II	Design and Analysis of Algorithms	30-04-2020, 8:40AM-9:35AM(CSE-B)	travelling sales person problem	WEBEX	

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1	III/II	Design and Analysis of Algorithms	04-05-2020 & 8:30 AM-9:30 AM(CSE-B)	0/1 knapsack problem	WEBEX	
2	III/II	Design and Analysis of Algorithms	06-05-2020 & 9:30AM-10:30AM(CSE-B)	lower bound theory introduction lower bound through reduction	WEBEX	
3	III/II	Design and Analysis of Algorithms	07-05-2020 & 9:30AM-10:30AM(CSE-B)	lower bound theory methods	WEBEX	
4	III/II	Design and Analysis of Algorithms	11-05-2020 & 8:30 AM-9:30 AM(CSE-B)	p,np,np-hard and np- complete problems	WEBEX	
5	III/II	Design and Analysis of Algorithms	13-05-2020 & 9:30AM-10:30AM(CSE-B)	cook's theorem	WEBEX	
6	III/II	Design and Analysis of Algorithms	14-05-2020 & 9:30AM-10:30AM(CSE-B)	cook's theorem	WEBEX	
7	III/II	Design and Analysis of Algorithms	18-05-2020 & 8:30 AM-9:30 AM(CSE-B)	np-hardness	WEBEX	
8	III/II	Design and Analysis of Algorithms	20-05-2020 & 9:30AM-10:30AM(CSE-B)	np-completeness	WEBEX	
9	III/II	Design and Analysis of Algorithms	21-05-2020 & 9:30AM-10:30AM(CSE-B)	reduction problems	WEBEX	
10	III/II	Design and Analysis of Algorithms	25-05-2020 & 8:30 AM-9:30 AM(CSE-B)	lower bound theory method-1	WEBEX	
11	III/II	Design and Analysis of Algorithms	27-05-2020 & 9:30AM-10:30AM(CSE-B)	lower bound theory method-2	WEBEX	
12	III/II	Design and Analysis of Algorithms	28-05-2020 & 9:30AM-10:30AM(CSE-B)	lower bound theory method-3	WEBEX	

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1	II/II	Formal Languages and Automata Theory	3/4/2020	9:35AM-10:30AM(CSE-B)	Push down automata introduction	CISCO WEBEX	
2	II/II	Formal Languages and Automata Theory	4/4/2020	9:35AM-10:30AM(CSE-B)	deterministic pda- examples	CISCO WEBEX	
3	II/II	Formal Languages and Automata Theory	6/4/2020	11:45AM-12:40PM(CSE-B)	non deterministic pda -example	CISCO WEBEX	
4	II/II	Formal Languages and Automata Theory	10/4/2020	9:35AM-10:30AM(CSE-B)	construction of pda from cfg	CISCO WEBEX	
5	II/II	Formal Languages and Automata Theory	13-04-2020	11:45AM-12:40PM(CSE-B)	construction of cfg from pda	CISCO WEBEX	
6	II/II	Formal Languages and Automata Theory	17-04-2020	9:35AM-10:30AM(CSE-B)	two stack pda - examples	CISCO WEBEX	
7	II/II	Formal Languages and Automata Theory	20-04-2020	11:45AM-12:40PM(CSE-B)	limitations of pda	CISCO WEBEX	
8	II/II	Formal Languages and Automata Theory	24-04-2020	9:35AM-10:30AM(CSE-B)	turing machine introduction	CISCO WEBEX	
9	II/II	Formal Languages and Automata Theory	27-04-2020	11:45AM-12:40PM(CSE-B)	construction of turing machine - examples	CISCO WEBEX	

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1	II/II	Formal Languages and Automata Theory	4/5/2020	10:50 AM-11:50 AM	turing machine as an integer function	CISCO WEBEX	
2	II/II	Formal Languages and Automata Theory	5/5/2020	8:30AM-9:30AM	linear bounded automata definition	CISCO WEBEX	
3	II/II	Formal Languages and Automata Theory	8/5/2020	11:50AM-12:50 PM	universal turing macchine	CISCO WEBEX	
4	II/II	Formal Languages and Automata Theory	11/5/2020	10:50AM-11:50AM	types of turing machine languages	CISCO WEBEX	
5	II/II	Formal Languages and Automata Theory	12/5/2020	8:30AM-9:30AM	unrestricted grammar	CISCO WEBEX	
6	II/II	Formal Languages and Automata Theory	13/5/2020	10:50AM-11:50AM	post correspondence problem	CISCO WEBEX	
7	II/II	Formal Languages and Automata Theory	15/5/2020	11:50AM-12:50 PM	modified pcp	CISCO WEBEX	
8	II/II	Formal Languages and Automata Theory	18/5/2020	10:50AM-11:50AM	modified pcp examples	CISCO WEBEX	
9	II/II	Formal Languages and Automata Theory	22/5/2020	11:50AM-12:50 PM	modified pcp examples	CISCO WEBEX	
10	II/II	Formal Languages and Automata Theory	23/5/2020	8:30AM-9:30AM	mcp to pcp	CISCO WEBEX	

11	II/II	Formal Languages and Automata Theory	26/5/2020	8:30AM-9:30AM	decidability and undecidability	CISCO WEBEX	
12	II/II	Formal Languages and Automata Theory	27/5/2020	10:50AM-11:50AM	reducability	CISCO WEBEX	
13	II/II	Formal Languages and Automata Theory	29/5/2020	11:50AM-12:50 PM	elimination of ambiguous grammar	CISCO WEBEX	
14	II/II	Formal Languages and Automata Theory	30/5/2020	11:50AM-12:50 PM	removing ambiguity	CISCO WEBEX	
15	II/II	Formal Languages and Automata Theory	31/5/2020	11:50AM-12:50 PM	properties of recursive languages	CISCO WEBEX	