

# LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
(1)	10/12/15	Introduction to cellular Mobile systems	1	BOARD		
(2)	11/12/15	Performance criteria				
(3)	14/12/15	Characteristics of Mobile Radio Environment				
(4)	15/12/15	Operation of Cellular Syst				
(5)	16/12/15	Hexagonal shaped cells				
(6)	17/12/15	Analog and digital systems				
(7)	18/12/15	Problem solv prog				
(8)	21/12/15	General description of the problem	UNIT-2			
(9)	22/12/15	concept of frequency reuse channels				
(10)	23/12/15	Interference in cellular systems - co-channel & neighbouring channel interference				
(11)	28/12/15	Reduction factor calculation of C/I ratio				
(12)	29/12/15	PT - presentation				

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(25)	22/1/16	Phase diff'n				
		direct and reflected paths				
(26)	25/1/16	constant standard deviation				
(27)	27/1/16	straight line path loss slope general formula for mobile propagation over water and flat open area				
(28)	28/1/16	Near and long distance propagation				
(29)	29/1/16	Antenna height gain point-to-point (Model)				
(30)	8/2/15	Problem Solving				
(31)	9/2/15	Sum & difference patterns	Unit 5	PPTs		
(32)	10/2/15	Omni-directional antennas				
(33)	11/2/15	directional antennas for				

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		Interference reduction				
(34)	12/2/15	Space diversity antennas				
(35)	15/2/15	umbrella pattern				
(36)	16/2/15	HF frequency separation of cell site antennas				
(37)	17/2/15	High gain antennas				
(38)	18/2/15	problem solving				
(39)	19/2/15	Numerical and grouping	Unit 6 ppt			
(40)	22/2/15	Set up, access, paging channels				
(41)	23/2/15	Channel assignments to cell sites				
(42)	24/2/15	Channel assignment to mobile units				
43	25/2/15	channel sharing & borrowing				

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(44)	26/2/15	sectoring				
(45)	29/2/15	over-laid cell				
(46)	1/3/15	Non-fixed channel assignment				
(47)	2/3/15	problem solving				
(48)	3/3/15	Doubt & clarification				
(49)		Revison				
(50)	4/3/15	Hand off, process	unit 10 ppt			
(51)	5/3/15	dropped calls estimation				
(52)	6/3/15	cell splitting				
(53)	9/3/15	micro-cells				
(54)	10/3/15	vehicle-locating methods				
(55)	11/3/15	hand off invitation				
(56)	14/3/15	delayed hand off				

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(57)	15/3/15	Mobile assisted HANDOFF (MAHO)				
(58)	16/3/15	dropped call data evaluation				
(59)	17/3/15	problem solving				
(60)	18/3/15	GSM architecture <u>unit-III</u> ppt.				
(61)	21/3/15	continued GSM architecture				
62	22/3/15	GSM channel 18				
(63)	23/3/15	Multiple access schemes review				
(64)	24/3/15	TDMA Block dia				
(65)	25/3/15	CDMA Block dia				
(66)	28/3/15	spread spectrum techniques				
(67)	29/3/15	doubts clarification				
(68)	30/3/15	seminar.				