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ENGG	3 RD	NAME OF THE TEACHING FACULTY- SIBANI PANDA, LECT (ELECT)	
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		Single Phase A C Seek and	REN
1	1 ST DAY	1.1 Generation of the second s	
	2 ND DAY	I I / Phacor roprogramma at a constant and a consta	
	3 RD DAY	1.3 R, L, C circuit elements its voltage and current response	
2	1ST DAY	1.4 R-L, R-C, R-L-C combination of A.C series circuit	
	2 ND DAY	1.4.1 Impedance, reactance, Impedance triangle	
	3 RD DAY	1.4.2 Power factor, active power reactive power appears	- 1
		— — — — — — — tower triangle and vector diagram	
3		1.4.4 Resonance, Bandwidth	
	1 ST DAY	1.4.5 Quality factor and voltage magnification in series R-L, R-C, R-L-C circuit Single Phase A.C Parallel Circuits	
	2 ND DAY		
	3RD DAY	R-L parallel combination of A.C. circuits	
		2.1.1 Impedance, reactance, phasor diagram, impedance triangle	*
4	1 ST DAY		
	2 ND DAY		
	3 RD DAY	2.1.1 Impedance, reactance, phasor diagram, impedance triangle 2.1.2 Power factor, active powers	
5	1 ST DAY	2.1.2 Power factor, active power, apparent power, reactive power, power triangle	
	2ND DAY	2.2 Resonance in parallel R-L R-C R-L C discust	
	3 RD DAY	2.3 Bandwidth, Quality factor and voltage magnification	-
6	1 ST DAY	Three Phase Circuits	
	2 ND DAY	3.1 Phase rand complex representation of three phase supply	
	3 RD DAY	1 ore i hase sequence and polarity	
7	1 ST DAY	3.3 Types of three-phase connections	
	2 ND DAY	3.4 Phase and line quantities in three phase star and delta system	
	3 RD DAY	3.5 Balanced and unbalanced load 3.6 Neutral shift in unbalanced load	
8	1 ST DAY		
	2 ND DAY	3.7 Three phase power, active, reactive and apparent power in star and delta system	
	3 RD DAY	INTERNAL 1	
9	1 ST DAY	Network Reduction and Principles of Circuit Analysis	
	2 ND DAY	4.1 Source transformation	
	3 RD DAY	4.2 Star/delta and delta/star transformation	
10	1 ST DAY	4.3 Mesh Analysis	
	2 ND DAY	4.4 Node Analysis Network Theorems	+
	3 RD DAY	5.1 Superposition theorem	
	1 ST DAY		
11	2 ND DAY	5.2 Thevenin's theorem	
	3 RD DAY	5.3 Norton's theorem	
12	1ST DAY	5.3 Norton's theorem	
	2 ND DAY	5.4 Maximum power transfer theorem	
	3 RD DAY	5.5 Reciprocity Theorem	
13	1 ST DAY	5.5 Reciprocity Theorem	
	2 ND DAY	Two Port Network	
	3 RD DAY	6.1 Open Circuit Impedance Parameters	
	1 ST DAY	6.2 Short Circuit Admittance Parameters	
14	2 ND DAY	6.2 Short Circuit Admittance Parameters Transmission Parameters	
	3 RD DAY	Hybrid Parameters	
15	1ST DAY	6.3 Interrelationship of Two Port Network	
	2 ND DAY	6.4 Inter Connection of Two Port Network	
	3 RD DAY		1
16	1ST DAY	6.4 Inter Connection of Tax Parket	
	2ND DAY	6.4 Inter Connection of Two Port Network INTERNAL 2	
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17	1 ST DAY		-
	2 ND DAY	REVISION	4
	3 RD DAY		
8	2 ND DAY	REVISION	
_	3 RD DAY	vst	