

## Detailed Teaching Plan

Lecture No.	Unit No.	Topic to be covered	Books & Page Nos.	Notes Page Nos.	Slide Nos.	A/V Resource
01	01.	wiring system	Deepak. Publ <sup>n</sup> .			
02	-11-	_____	_____			
03	-11-	Types of wires	_____			
04	-11-	_____	_____			
05	-11-	_____	_____			
06	-11-	Types of wiring materials	_____			
07	-11-	_____	_____			
08	-11-	Selection of material for wiring	_____			
09	-11-	wiring tools.	_____			
10	-11-	_____	_____			
11	-11-	wiring circuits.	_____			
12	-11-	Point wiring system.	_____			

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13	11	Service line	Deepak Publi.			
14	11	Domestic & Industrial panel.	11			
15	11	IE Act 2003; IE Rules.	11			
16	02	Estimation & tools.	11			
17	11	electrical schedules, catloges.	11			
18	11	Quantity & cost of material required	11			
19	11	Purchase system including BOM.	11			
20	11	Contract system	11			
21	11	_____	11			
22	11	Pending procedure	11			
23	03	Residential wiring - layout	11			
24	11	Load calculation	11			
25	11	wire, switches, cable, accessories.	11			

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26	03	Earthing System.	Deepak Publ's.			
27	-11-	Overall estimation & costing.	-11-			
28	-11-	Industrial wiring	-11-			
29	-11-	Load calculation	-11-			
30	-11-	wire, switches, accessories.	-11-			
31	-11-	Earthing System	-11-			
32	-11-	Overall estimation & costing	-11-			
33	04	Overhead distribution system.	-11-			
34	-11-	Materials and accessories.	-11-			
35	-11-	Distribution lines, line supports	-11-			
36	-11-	————— 11 —————	-11-			
37	-11-	Factors governing height of pole	-11-			
38	-11-	Conductor materials	-11-			

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39	04	Size of Conductor .	Reepak Publn,			
40	-11-	Conductor's configuration	-11-			
41	-11-	Spacing & clearance	-11-			
42	-11-	Cross arm, brackets, guy & stays	-11-			
43	-11-	Overhead line insulators .	-11-			
44	-11-	Lightning arrestors .	-11-			
45	-11-	Earthing of lines,	-11-			
46	-11-	I.E. rules related to LV distribution	-11-			
47	-11-	estimate for 440V, 3-phase system	-11-			
48	-11-	Types of service connection	-11-			
49	-11-	Method of installation of service.	-11-			
50	-11-	material for underground system	-11-			
51.	-11-	Underground distribution system	-11-			

