



Regn Tm: 2607298

LESSON PLAN REGISTER

DEPARTMENT OF ELECTRICAL ENGG.

BDSE, BRAJRAJNAGAR

SEMESTER: 4TH SEMESTER

4th Sem
SESSION-2018-19

NAME OF FACULTY: JOGENDRA KV. DUTTA CHAND



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LONG BOUND EXERCISE BOOK

DISCIPLINE	Electrical	SEMESTER	Wk.	NAME OF THE TEACHING FACULTY	J.K. DUTTA (GTD)
SUBJECT -	GTD	No. of days class/week		SEN. Romank to date. 5-4-21 to 26.8.21	
Week	class/day			Theory	
1st	1st				
2nd	2nd				
3rd	3rd				
4th	4th				
5th	5th				
6th	6th				
7th	7th				
8th	8th				
9th	9th				
10th	10th				
11th	11th				
12th	12th				
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14th	14th				
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16th	16th				
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18th	18th				
19th	19th				
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21st	21st				
22nd	22nd				
23rd	23rd				
24th	24th				
25th	25th				
26th	26th				
27th	27th				
28th	28th				
29th	29th				
30th	30th				
31st	31st				

Introduction of generation, Transmission distribution, source & energy, Thermal power station.

Nuclear power station.

Solar power plant. Layout diag. of generating stations

Transmission of electric power.

Voltage Regulation, efficiency of Transmission.

Stake & emman returns law of Far economic size of conductor

corona & corona loss on transmission line

do-

over head lines, Types of supports

size & spacing of conductor, insulator & types.

safe, same level, different level,

effect of wind, ice, & temp of safe.

problem on safe.

calculation of regulation & efficiency

EHV Transmission

EHV AC Transmission reasons for adoption of EHV AC transmission.

Problems in EHV transmission.

HVDC transmission. Advantages & limitation of HVDC Transmission.

8th

19th,	1st	
Aug -	2nd -	Tariffs related problems -
(2-7)	3rd -	-do-
	4th -	
	5th -	-do-
	6th -	
20th,		
(9-14)	1st -	substation, Introduction,
AUG.	2nd -	LT substation.
	3rd -	HT substation.
	4th -	
	5th -	
	6th -	EHT substation.
21th,		
AUG	1st -	
(16-21)	2nd -	Earthing of substation.
	3rd -	Transmission & distribution line -
	4th -	
	5th -	
	6th -	
22th,		
AUG.	1st -	problem related distribution system
(23-25)	2nd -	-do-
	3rd -	-do-