

# LESSON PLAN

DEPARTMENT OF ELECTRICAL ENGINEERING, ITT, CHOUDWAR

SUBJECT: ELECTRICAL DRAWING

Periods: 6 per week

SEMESTER: 4TH

NAME OF FACULTY: P.ROUTRAY & B.P SWAIN

No. of weeks: 15

Week	Class Day	Theory / Practical Topics
1st	1 <sup>st</sup>	3 point D. C. motor starter
	2 <sup>nd</sup>	4 point D. C. motor starter
2 <sup>nd</sup>	1 <sup>st</sup>	DOL starter
	2 <sup>nd</sup>	Star delta starter
3 <sup>rd</sup>	1 <sup>st</sup>	Auto Transformer Starter
	2 <sup>nd</sup>	Rotor resistance starter
4 <sup>th</sup>	1 <sup>st</sup>	Pole with pole shoes
	2 <sup>nd</sup>	Commutator
5 <sup>th</sup>	1 <sup>st</sup>	Armature
	2 <sup>nd</sup>	Simple lap winding
6 <sup>th</sup>	1 <sup>st</sup>	Simple WAVE winding
	2 <sup>nd</sup>	Stepped core type
7 <sup>th</sup>	1 <sup>st</sup>	Plane shell type
	2 <sup>nd</sup>	Earthing installation
8 <sup>th</sup>	1 <sup>st</sup>	Earthing installation
	2 <sup>nd</sup>	Double pole structure for LT and HT distribution lines
9 <sup>th</sup>	1 <sup>st</sup>	Single line diagram of 33/11kV distribution substation
	2 <sup>ND</sup>	Single line diagram of a 11/0.4 kV distribution substation.
10 <sup>th</sup>	1 <sup>st</sup>	Draw Electrical symbols (take Print out)
	2 <sup>nd</sup>	Draw Electrical symbols (take Print out)
11 <sup>th</sup>	1 <sup>st</sup>	Draw D.C. m/c parts (take print out)
	2 <sup>nd</sup>	Draw D.C. m/c parts (take print out)
12 <sup>th</sup>	1 <sup>st</sup>	Draw A. C. m/c parts (take print out)
	2 <sup>nd</sup>	Draw A. C. m/c parts (take print out)
13 <sup>th</sup>	1 <sup>st</sup>	Draw electrical layout of diagram of Electrical Installation of a building
	2 <sup>nd</sup>	Draw electrical layout of diagram of Electrical Installation of a building
14 <sup>th</sup>	1 <sup>st</sup>	Practice
	2 <sup>nd</sup>	Practice
15 <sup>th</sup>	1 <sup>st</sup>	Practice
	2 <sup>nd</sup>	SESSITIONAL

Teaching Faculty