KIIT POLYTECHNIC, BHUBANESWAR

LESSON PLAN

Session (2023 -2024)

Discipline: Electrical Engg.	**Semester:** 4th , Summer /2024	**Name of the faculty:** **Manoj Kumar Behera** **Email Id:** **manojbeherafel@kp.kiit.ac.in**
Subject: Electrical Drawing (Practical-4)	**No. of Days/week: 02 (3 periods / Day)**	**Start Date: 16/01/2024** **End Date: 26/04/2024**

Week	**Class Day**	**Practical Topics**
1st	1st	Electrical Symbols.
	2nd	Electrical Symbols.
2nd	1st	3 point D.C Motor starter.
	2nd	4 point D.C Motor starter.
3rd	1st	DOL starter.
	2nd	Star delta starter.
4th	1st	Auto transformer starter.
	2nd	Rotor resistance starter.
5th	1st	Evaluation of Drawing sheet.
	2nd	Single line diagram of 11/0.4KV and 33/11KV distribution Substation.
6th	1st	Pipe earthing.
	2nd	Plate earthing.
7th	1st	Double pole structure for LT and HT distribution.
	2nd	Single phase Core type Transformer.
8th	1st	Single phase Shell type Transformer.
	2nd	Stepped Core Type Transformer.
9th	1st	Evaluation of Drawing sheet.

	2nd	Pole with pole shoe, Armature.
10th	1st	Commutator, Armature.
11th	2nd	Simple Lap winding.
12th	1st	Simple wave winding.
	2nd	Alternator Stator without winding, ,
13th	1st	Alternator Rotor for salient pole type
	2nd	Stator of Induction Motor
14th	1st	Squirrel cage Rotor.
	2nd	Phase wound type Rotor.
15th	1st	Computer aided Drawing.
	2nd	Evaluation of Drawing sheet.