SYNERGY POLYTECHNIC, BBSR

The Lesson Plan

Descipline: EE	Semester: 4th	Name of the Teaching Faculty:
Subject: Electrical Drawing	No of Days/per week class allotted: 6.	Semester from Date: 16/1/24 to Date: 26/4/24 No of Weeks: 15
Week	Class Day	Theory/Practical Topics
1st	1st	Wiring diagram Necessity of starter in DC motors.
	2nd	of Starters. Types of starters. Draw 3 point DC motor starters & 4 point starters
	3rd	
	4th	
	5th	
2nd	1st	Explain necessity of
	2nd	AC motor starters. types of starters DOL starter, Star-delta starter.
	3rd	
	4th	
	5th	
3rd	1st	Draw Auto Transformer starter
	2nd	Rotor resistance starter
	3rd	
	4th	
	5th	
4th	1st	DC Machine Draw dimentional drawing of pole with shoes.
	2nd	parts. Commutater, Armature
	3rd	
	4th	
	5th	
5th	1st	Demonstrate Simple Lap winding
	2nd	& solve problem.
	3rd	
	4th	
	5th	

Sign of Faculty HOD Principal

SYNERGY POLYTECHNIC, BBSR

The Lesson Plan

Descipline:	Semester: 4th	Name of the Teaching Faculty: Prof. D.D. Sahu
Subject:	No of Days/per week class allotted:	Semester from Date: 16.1.24 to Date: 26.04.24 No of Weeks:
Week	Class Day	Theory/Practical Topics
1st ~~1st~~	1st Assembly Drawing	· Stepped core type demonstration
	2nd of 1-φ t/f	Drawing of 1-φ Stepped Core t/f
	3rd & 3-φ t/f	
	4th	
	5th	
7th ~~2nd~~	1st	Drawing & demonstration of
	2nd	3-φ Shell type t/f
	3rd	
	4th	
	5th	
8th ~~3rd~~	1st Earthing	Explain necessity of earthing & types
	2nd	of Earthing — Pipe earthing
	3rd	
	4th	
	5th	
9th	1st	Plate earthing
	2nd	Double pole structure of L.T line & H.T line.
	3rd	
	4th	
	5th	
10th	1st Single line	· Single line diagram of 33/11KV. S/S
	2nd diagram of	Single line diagram of 11/0.4 KV. D.B.
	3rd Sub-station	
	4th	
	5th	

Sign of Faculty HOD Principal