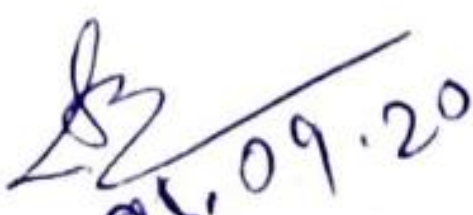


Discipline: ELECTRICAL ENGG	Semester:5TH	Name of the Teaching Faculty: J. BINOD KUMAR
Subject:ELECTRICAL MACHINE LAB 2	No. of Days/per week class allotted:06	Semester From Date: 01/09/20 To Date: 19/03/21 No. of Weeks 15
Week	Class Day	Theory/Practical Topics
1st	01	Study of direct on line starter, star delta starter connection and running 3 phase induction motor
	02	Study of direct on line starter, star delta starter connection and running 3 phase induction motor
2nd	01	Study auto transformer starter and rotor resistance starter connection and running 3 phase induction motor
	02	Study auto transformer starter and rotor resistance starter connection and running 3 phase induction motor
3rd	01	Study and practice of connection and reverse the direction of rotation of single phase induction motor
	02	Study and practice of connection and reverse the direction of rotation of single phase induction motor
4th	01	Study and practice of connection and reverse the direction of rotation of Three phase induction motor
	02	Study and practice of connection and reverse the direction of rotation of Three phase induction motor
5th	01	Heat run test of 3 phase transfermer
	02	Heat run test of 3 phase transfermer
6th	01	OC and SC test of alternator and determination of regulation by synchronous impedance method
	02	OC and SC test of alternator and determination of regulation by synchronous impedance method
7th	01	Determination of alternator by direct loading
	02	Determination of alternator by direct loading
8th	01	Parallel operation of alternator and study loading sharing
	02	Parallel operation of alternator and study loading sharing
9th	01	Measurement of power of a 3-phase Load using two wattmeter method and verification of the result using one 3-phase wattmeter.
	02	Measurement of power of a 3-phase Load using two wattmeter method and verification of the result using one 3-phase wattmeter.
10th	01	Connection of 3-phase energy meter to a 3-phase load.
	02	Connection of 3-phase energy meter to a 3-phase load.
11 <sup>th</sup>	01	Study of an O.C.B
	02	Study of an O.C.B
12 <sup>th</sup>	01	Study of an O.C.B
	02	Study of an O.C.B
13 <sup>th</sup>	01	Study of induction type over current / reverse power relay
	02	Study of induction type over current / reverse power relay
14 <sup>th</sup>	01	Study of Buchholz's relay.

  
 01.09.20  
 Lecturer  
 Govt. Polytechnic K. Annal. gini  
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