mester-4TH of days/per ek class alloted-5 Class day 8/14/2022 8/15/2022 8/21/2022 8/22/2022 8/23/2022 8/25/2022 8/28/2022 8/28/2022	Name of teaching faculty-Arun Kumar Prusty SEM From date- 14.03.2022 No of weeks- 16 Theory Topics Properties & uses Of different conducting material Properties & use of various materials used electrical engg. Various magnetic materials & their uses. DC GENERATOR Construction, Principle & application of DC Generator classify DC generator including voltage equation. Derive EMF equation & simpel problems Parallel operation of DC generator DC MOTOR Principle of working of a DC Motor concept of development of torque & back EMFin DC Motor
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3/28/2022	Principle of working of a DC Motor
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N. Control of the Con	- concept of development of to get as assessment
	including simpel problems
3/30/2022	Deriveequation relating to backEMFcurrent, Speed and Torqueeqn
4/4/2022	Classify DC motors & exaplane charactristics, application
4/5/2022	Three point &nfour point stator/static of DC motor by Ssconvertr
4/6/2022	Speed of DC motor by field control & armeture control method
4/8/2022	Power storage of DC motor & drive efficiency of a DC motor
	AC CIRCUITS
4/11/2022	Mathematical representation of phasors, significant of opera 'J'
4/12/2022	Addition, Subtractioin, Multiplication & Division of phasor quant
4/13/2022	AC series circuits containing resistance capacitance conception
	of active Reactive and apparent power and Q-factor of series
	circuits & solve related problems
1/15/2022	AC Servies circuits Do Containing resistance
1/16/2022	AC servies circuits Do containing resistance
	Find the relations of AC Parallel circuits containg Resistance,
	Inductance and capacitance Q- factor of parallel circuits
	TRANSFORMER
/19/2022	Ideal Transformer
	Construction & working principle of transformer
/22/2022	Drive of EMF equation of transformer, voltage transformer ratio
	Discuss Flux Current, EMF components of transformer and their
,,	phasor diagram under no load condition
/25/2022	DISCUSS ELLIX CHARGEN+ DO EMF COMPONENTS OF
1	Phasor representation of transformer flux, current EMF primary and
4/26/2022	secondary voltages under loded condition
Committee Commit	Object respresentablition of transforme
	Show for TONOTO SPONDO OF TICENSFORMEN
	Types of losses in single phase (1-0) Transformer
444	4/4/2022 4/5/2022 4/6/2022 4/8/2022 /11/2022 /12/2022 /13/2022 /15/2022 /16/2022 /18/2022 /19/2022 /20/2022 /23/2022 /25/2022

1ST	5/2/2022	Open circuit & short circuit test (Simple problem)
	5/4/2022	Parallel operation of Transformer
	5/6/2022	Auto Transformer
		INDUCTION MOTOR
	5/7/2022	Construction features, types of three phase induction motor
2ND	5/9/2022	CONSTRUCTION FORTHRODO TYPES OF THREE
1	5/10/2022	Principle of development of rotating magnetic field in stator
1	5/11/2022	OFFICEOR OF ADILLDOODMENT OF MOTORION
1,000	5/13/2022	Establis ralatinoship beteen synchronous speed, actual speed and slip conduction motor
	5/14/2022	Cotable relationship DO hotoen synchronou
3RD	5/16/2022	Establis relation beteen torque, rotor current and power factor
	5/17/2022	actually relation DO betoen torque,
	5/18/2022	Explane starting of an induction motor by using DOL and Star-Delta stator. State industrial use of induction motor
	5/20/2022	Explane steating boof an induction
	5/21/2022	Explane starting no of an induction
		SINGLE PHASE INDUCTION MOTOR
4TH	5/23/2022	Construction features and principle of operation of capacitor type an shaded pole type of single- phase induction motor
	5/24/2022	Construction fraturedo and principle of
	5/25/2022	Explane construction & AC oprection seris motor
	5/27/2022	
	5/28/2022	concept of alternatorand its application

PRINCIPAL
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