GO	VT. POLYT	ECHNIC	MAYURBHANJ	LESSON PLAN-	2022/23	(SUMMER)

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FACTOR
Tachometers, types and working principles

		5th	UNIT-5		
		1st		Principle of operation and construction of Mechanical and Electrical resonance Type frequency meters.	
	4th	2nd			
		3rd		Principle of operation and working of Dynamometer type single phase and three phase power factor meters.	
		4th	UNIT-6	6. MEASUREMENT OF RESISTANCE, INDUCTANCE& CAPACITANCE	
		5th		Classification of resistance	
	5th	1st		Measurement of low resistance by potentiometer method.	
		2nd		Measurement of medium resistance by wheat Stone bridge method	
		3rd		Measurement of high resistance by loss of charge method.	
		4th		RAMA NAVAMI	
		5th		Construction, principle of operations of Megger.	
		1st		Question Discussion	
		2nd		CLASS TEST-2	
	2nd			Construction, principle of operations of Earth tester for insulation resistance.	
	Ziiqi	3rd		Construction, principle of operations of earth resistance measurement.	
		4th		Construction and principles of Multimeter:- Analog	
		5th		GOOD FRIDAY	
		1st		Construction and principles of Multimeter:- Digital	
	3rd	2nd		Measurement of inductance by Maxewell's Bridge method.	
		3rd		Measurement of capacitance by Schering Bridge method	
			UNIT-7	7. SENSORS AND TRANSDUCER	
		4th		Define Transducer, sensing element or detector element and transduction elements.	
APRIL		5th		MOHABISUBA SANKRANTI	
- ▼	4th	1st		Classify transducer. Give examples of various class of transducer.	
				Linear and angular motion potentiometer.	
		2nd		Thermistor and Resistance thermometers.	
		3rd		Wire Resistance Strain Gauges	
		4th		Inductive Transducer- Principle of linear variable differential Transformer (LVDT)	
		5th		Uses of LVDT.	
	5th	1st		Capacitive Transducer.General principle of capacitive transducer. Variable area capacitive transducer.	
		2nd		Change in distance between plate capacitive transducer.	
		3rd		Piezo electric Transducer with their applications.	
		4th	_	Hall Effect Transducer with their applications.	
		5th		Question Discussion	
				8. OSCILLOSCOPE	
	1st	1st		Principle of operation of Cathode Ray Tube.	
		2nd	_		
		3rd		Principle of operation of Oscilloscope (with help of block diagram).	
		4th		Timespie of operation operation of operation opera	

MAY		5th	TINITE O	PRM JAYANTI	
	2nd	1st		Measurement of DC Voltage	
		2nd		Measurement of DC Current.	
		3rd		Measurement of AC Voltage.	
		4th		Measurement of AC Current.	
		5th		Measurement of AC Phase.	
	3rd	1st		Measurement of AC frequency.	
		2nd		CLASS TEST-3	
		3rd		Question Discussion	
		4th		Question Discussion	
		5th		SABITRI AMABASYA	
				REVISION	
		2nd		REVISION	