				LESSON PLAN	48, 1	
SESSIO	N	SUMMER 2	2023			THE RESERVE THE PERSONS NAMED IN
SEMES	-	4ТН	and the second second second second		NAME HALLIST ALL PROPERTY OF THE PROPERTY OF T	mercian school and polymerses
BRANC	-	MECHANIC	AL ENGIN	EERING	State was in the party of the state of the s	DENTAL CONTRACTOR CONTRACTOR
SECTIO		A&B	AND THE PERSON NAMED IN		SECURITION OF THE SECURITIES AND SEC	ALTO SERVICE S
THEOR	Part of the later	1	COMPANY OF THE PROPERTY OF THE PERSON OF THE		NA THOUSAND HAVE AND PROPERTY OF THE	CONTRACTOR CONTRACTOR
SUBJEC	-	THEORY O	E MACHINI		POLICE REAL HEART CONTRACTOR SERVICES CONTRACTOR CONTRA	TOTAL STATE OF THE PARTY OF THE
LECTU		THE RESERVE THE PERSON NAMED AND ADDRESS OF THE PERSON NAMED A	AT THE RESIDENCE OF THE PARTY O	DASH & Er ABHIJIT MOHANTY	endes ender Lastrares allerares	acceptate a seminary of control of
-		LI. WAJEED	No. of	- NORTH REPRESENTATION AND ADMINISTRA		
SL NO.	МОИТН	CHAPTER NO.	DATE	TOPICS TO BE COVERED	ACADEMIC DAYS AVAILABLE FOR THE SUBJECT	% COVERED
			23.2.23	Simple mechanism		9%
**	1. 1. 1.		24.2.23	1.1 Link ,kinematic chain, mechanism, machine		
1	Feb-23	1	25,2,23	1.2 Inversion, four bar link mechanism and its inversion	5	
			27.2.23	1.2 Inversion, four bar link mechanism and its inversion		
			28.2.23	1.3 Lower pair and higher pair		
		1	1.3.23	1.4 Cam and followers		
			3.3.23	<ul><li>2.1 Friction between nut and screw for square thread, screw jack</li><li>2.1 Friction between nut and screw for square thread,</li></ul>		
, w			4.3.23	screw jack  2.1 Friction between nut and screw for square thread, screw jack		
			6.3.23	PROBLEMS		
			9.3.23	PROBLEMS		
	Mar-23	2	10.3.23	PROBLEMS	24	43%
			11.3.23	PROBLEMS		
			13.3.23	2.2 Bearing and its classification, Description of roller, needle roller& ball bearings.		
2			14.3.23	2.2 Bearing and its classification, Description of roller, needle roller& ball bearings.		
			15.3.23	2.3 Torque transmission in flat pivot& conical pivot bearings.		
			16.3.23	2.3 Torque transmission in flat pivot& conical pivot bearings.		
			17.3.23	PROBLEMS		
			18.3.23	PROBLEMS		
			20.3.23	PROBLEMS		
			21.3.23	2.4 Flat collar bearing of single and multiple types.		
			22.3.23	2.5 Torque transmission for single and multiple clutches		
			23.3.23	2.5 Torque transmission for single and multiple clutches		

2 Mar-	Z		Market Market Street,	2.6 Working of simple frictional brakes.		
		2	2010	PROBLEMS		
		- 4		PROBLEMS		
			28.3.23	2.6 Working of simple frictional brakes.	24	43%
	Mar-23			Concept of power transmission.types of		
			- 1 - 2 - 2 - 2 - 1	belt,gear,chain drive		
		3	31.3.23	3.3 Computation of velocity ratio, length of belts		
				(open and cross)with and without slip.		1 100 1 1, 2
			3,4.23	cross)with and without slip.		
			4.4.23	3.4 Ratio of belt tensions, centrifugal tension and		
				initial tension.		
			5.4.23	3.4 Ratio of belt tensions, centrifugal tension and		
		3		initial tension.		
			6.4.23	3.5 Power transmitted by the belt.		
			8.4.23	3.6 Determine belt thickness and width		
	4 5		10.4.23	3.7 V-belts and V-belts pulleys3.8 Concept of		
				crowning of pulleys.		
			11.4.23	3.9 Gear drives and its terminology.		
			12.4.23	3.10 Gear trains, working principle of simple,		
3	Apr-23			compound, reverted and	15	27%
			13.4.23	epicyclic gear trains.		
			24.4.23	4.1 function of governor 4.2 Classification of governor		
	-		25.4.23	4.3 Working of Watt, Porter, Proel and Hartnell		
				governors.		7 - 19
			26.4.23	4.3 Working of Watt, Porter, Proel and Hartnell		
		4		governors.		
			27.4.23	4.4 Conceptual explanation of sensitivity, stability and		
				isochronisms.		
			28.4.23	4.5 Function of flywheel.		
			29.4.23	4.6 Comparison between flywheel &governor.		
		4	1.5.23	4.7 Fluctuation of energy and coefficient of		V a s
				fluctuation of speed.		
			2.5.23	5.1 Concept of static and dynamic balancing.		
			3.5.23	5.2 Static balancing of rotating parts.5.3Principles of		
		_		balancing of reciprocating parts.		
		5		E A C		
			4.5.23	5.4 Causes and effect of unbalance.		
4	May-23	17.4	6.5.23	5.5 Difference between static and dynamic balancing	11	21%
4	Iviay-23		8.5.23	6.1 Introduction to Vibration and related terms		1
				(Amplitude, time period and frequency, cycle)		1 2
			9.5.23			
		6	10.5.23	6.3 Basic concept of natural, forced & damped		
		0		vibration		
			11.5.23			
			12.5.23			
1		= 1	13.5.23	REVISION		

		BRIEF SUMMARY OF THE PLAN	
NOT	MONTH	UNIT/CHAPTER TO BE COVERED	% COVERAGE
. NO.	Feb-23	CH-1	9%
-	Mar-23	CH-1, CH-2 & CH-3	43%
2	Apr-23	CH-3 & CH-4	27%
- <del>3</del>	May-23	CH-4, CH-5 & CH-6	2.1%

SIGNATURE OF FACULTY

A. Mohanty 23

SIGNATURE OF PRINCIPAL SIGNATURE OF PRINCIPAL