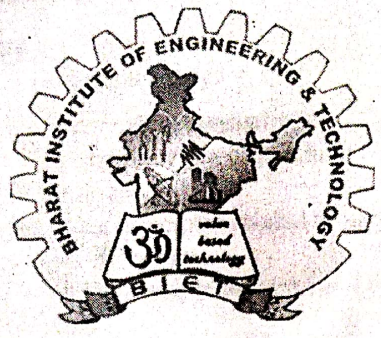


BHARAT INSTITUTE OF ENGINEERING & TECHNOLOGY

SIVARAM VIHAR, GHATAKESWAR HILLS
MOHADA, BERHAMPUR (GM.)



STUDENT'S ATTENDANCE REGISTER

Time	9.05	9.55	10.45		
Day	9.55	10.45	11.35		
Tue	TOM				
Thu		TOM			
Fri	TOM				
Sat			TOM		

Year/ Session	2023 Summer
Semester & Branch	4 th Sem Mech. Engg
Subject with Code	TOM (TH-1)
Name of the Faculty Member	Dharmendra Kumar Salu

Feb.	3rd	14/02/23	<u>Simple Mechanisms</u> Link, Kinematic chain, Mechanism Machine
		16/02/23	Inversion
		17/02/23	Four bar link Mechanism
	4th	21/02/23	Inversion of four bar link mechanism
		23/02/23	Inversion of four bar link mechanism
		24/02/23	Numericals on above
		25/02/23	Lower pair & Higher pair
		28/02/23	Cam & follower
Mar.	1st	02/03/23	<u>Vibration of Machine part</u> Introduction to vibration
		03/03/23	Terms: Amplitude, Time period, Frequency
		04/03/23	Concept of Natural, forced Damped vibration
	2nd	09/03/23	Numericals on above
		10/03/23	Torsional vibration
		11/03/23	Longitudinal vibration
	3rd	14/03/23	Numericals on above
		16/03/23	Causes & Remedies of vibration

Signature of the Faculty:

Signature of the Principal/Course Coordinator/HOD:

B.I.E.T., COURSE PLAN

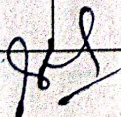
Month	Week	Class Day	Theory/Practical Topic	
Mar	3rd	17/03/23	<u>Governor</u> :	
		18/03/23	Introduction & function of governor classification of Governor	
	4th	21/03/23	Working of Watt governor	
		23/03/23	Numericals on Watt governor	
		24/03/23	Working of Porter governor	
	5th	25/03/23	Numericals on Porter governor	
		28/03/23	Working of Proell governor and Numericals	
		31/03/23	Working of Hartnell Governor	
		1st	04/04/23	Numericals on Hartnell Governor
				<u>flywheel</u> :
06/04/23	Function of flywheel			
2nd	08/04/23	Comparison bet ⁿ flywheel & governor		
	11/04/23	Coefficient of fluctuation of Energy & speed		
3rd			<u>Balancing of Machine</u> :	
	13/04/23	Concept of Static Balancing		
	15/04/23	Concept of Dynamic Balancing		
	18/04/23	Static Balancing of Rotating part		
	20/04/23	Static Balancing of Rotating part		

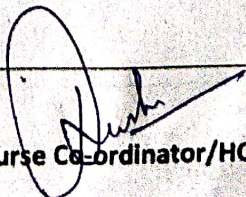
Signature of the Faculty:

Signature of the Principal/Course Co-ordinator/HOD:

B.I.E.T., COURSE PLAN

Month	Week	Class Day	Theory/Practical Topic
Apr.	3rd	21/04/23	Principle of Balancing of Rotating parts
		22/04/23	Numericals on above
	4th	25/04/23	Cause & Effect of Unbalance
		27/04/23	Difference bet ⁿ Static & Dynamic Balancing
May	1st	28/04/23	<u>Power Transmission</u> : concept of power Transmission
		29/04/23	Types of drive : Belt, Gear & chain drive
		02/05/23	Calculation of Velocity Ratio
		04/05/23	Calculation of length of belts (Open & Cross) with & without slip
	2nd	06/05/23	Ratio of belt Tension, Centrifugal Tension & Initial Tension
		09/05/23	Power transmitted by belt
		11/05/23	Determination of belt thickness & width for given permissible stress for open & cross belt considering centrifugal Tension
		12/05/23	V-belts & V-belt pulleys Concept of Crowning of pulleys
		13/05/23	Gear driver & its terminology

Signature of the Faculty: 

Signature of the Principal/Course Co-ordinator/HOD: 

B.I.E.T., COURSE PLAN

Month	Week	Class Day	Theory/Practical Topic
May	3rd	16/05/23	Gear Trains; Working principle of simple & Compound gear train
		18/05/23	Working of Reverted gear train
		20/05/23	Working of Epicyclic gear train
	4th	23/05/23	<u>Friction</u> : Friction bet ⁿ Nut & Screw. For Square thread

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