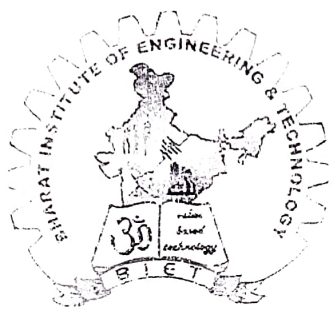


BHARAT INSTITUTE OF ENGINEERING & TECHNOLOGY

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



STUDENT'S ATTENDANCE REGISTER

Time	9.05	9.55	11.35		
Day	9.55	10.45	12.25		
MON			✓		
TUE		✓			
WED	✓				
THU	✓				

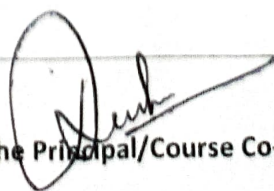
Year/ Session	From - 13.2.23 To - 23.5.23.
Semester & Branch	6 th sem, Mechanical
Subject with Code	IED&M (PH-1)
Name of the Faculty Member	Er. Ramkrushna Mohanty

B.I.E.T., COURSE PLAN

Month	Week	Class Day	Theory/Practical Topic
			CH-1 <u>1. PLANT ENGINEERING.</u>
Feb	3rd	13.2.23	1.1. Selection of site of industry
		14.2.23	1.2. Define plant layout
		15.2.23	1.3. Describe the objective and principles of plant layout
	4th	16.2.23 20.2.23	1.4. Explain process layout product layout and combination layout
		21.2.23	1.5. Techniques to improve layout



Signature of the Faculty:



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

B.I.E.T., COURSE PLAN

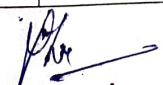
Month	Week	Class Day	Theory/Practical Topic
		22.2.23	1.6. principles of material handling equipment
		23.2.23	1.7. plant maintenance
	5th	27.2.23	1.7.1. Importance of plant maintenance
		28.2.23	1.7.2. Breakdown maintenance
		1.3.23	1.7.3. Preventive maintenance
MAR	1st	2.3.23	1.7.A. Scheduled maintenance

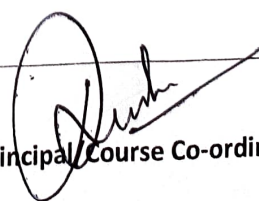
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B.I.E.T., COURSE PLAN

Month	Week	Class Day	Theory/Practical Topic	
MAR	2nd	6.3.23	CH-2	
			<u>Operations Research</u>	
		2.1. Introduction to operations research and its application.		
		8.3.23 9.3.23	2.2. Define L.P.P.	
			2.3. Solution of L.P.P. by graphical method	
		3rd	13.3.23 14.3.23	2.4. Evaluation of project completion time by critical path method and PERT
	2.5. Explain distinct feature of PERT with C.P.M.			
	4th	20.3.23	2.5. Explain distinct feature of PERT with C.P.M.	

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B.I.E.T., COURSE PLAN

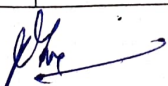
Month	Week	Class Day	Theory/Practical Topic
MAR	4th	21.3.23	CH-3 <u>Inventory Control.</u> 3.1. classification of Inventory.
		22.3.23	3.2. Objective of Inventory control.
		23.3.23	3.3. Describe the function of Inventories.
	5th	27.3.23	3.4. Benefits of Inventory Control.
		28.3.23	3.5. Costs associated with Inventory.
		29.3.23	3.6. Terminology in Inventory Control.

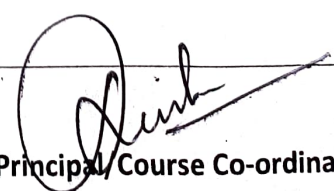
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B.I.E.T., COURSE PLAN

Month	Week	Class Day	Theory/Practical Topic
APRIL	1st	3.4.23 4.4.23 5.4.23	3.7 Explain and Derive Economic Order Quantity for Basic model
		6.4.23	3.8 Define and Explain ABC analysis.
	2nd		CH-4 <u>Inspection and Quality Control.</u>
		10.4.23	4.1 Define Inspection and Quality Control.
	11.4.23	4.2 Describe planning of inspection	
	12.4.23	4.3 Describe types of inspection.	


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B.I.E.T., COURSE PLAN

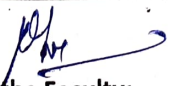
Month	Week	Class Day	Theory/Practical Topic
APRIL		13.4.23	A.4. Advantages and Disadvantages of Quality Control.
		17.4.23	A.5. Study of factors influencing the quality of manufacture
		18.4.23 19.4.23 20.4.23	A.6. Explain the concept of Statistical Quality control, control charts.
	3rd	24.4.23	A.7. Methods of attributes.
	4th	25.4.23	A.8. Concept of ISO 9001-2008
	26.4.23 27.4.23	A.9.1. Quality/Management System. Registration procedure	

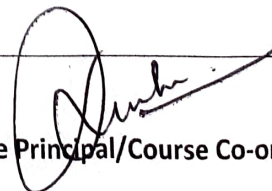
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B.I.E.T., COURSE PLAN

Month	Week	Class Day	Theory/Practical Topic
MAY	1st	1.5.23	4.9.2. Benefits of ISO to the organization.
		2.5.23	
	2nd	3.5.23	4.9.3. JIT, Six Sigma, 7S, Lean Manufacturing
		4.5.23	
		8.5.23	
	3rd	9.5.23	4.9.4. Solve related problems.
CH-5			
<u>Production planning & Control.</u>			
10.5.23		5.1. Introduction.	
3rd	11.5.23	5.2. Major functions of production planning and control.	
	15.5.23	5.3. Methods of forecasting.	

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B.I.E.T., COURSE PLAN

Month	Week	Class Day	Theory/Practical Topic
MAY	3rd	16.5.23	5.3.1. Routing.
		17.5.23	5.3.2. Scheduling.
		18.5.23	5.3.3. Dispatching.
	4th	22.5.23	5.3.4. Controlling.
		23.5.23	5.A. Types of production.
		24.5.23	5.A.1. Mass production.
		25.5.23	5.A.2. Batch production.
		29.5.23	5.A.3. Job order production.
		30.5.23	5.5. Principle of product and process planning.
		30.5.23	5.5. Principle of product and process planning.

Signature of the Faculty: 

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