

## Lesson Plan

Subject TEAM (Code) Th-1 Name of faculty Satyabrata Khilar

Semester 6th Class allotted 4 P/W Branch Mechanical

Discipline	Semester	From date:	To date:	Teaching Aid
Subject:	No. of days/ per week	Theory/ Practical - Topics/Lesson		
Week	Date/Period			
1	14-02-23	→ Selection of Site of Industry - Define plant layout. Describe the objectives & principles of plant layout		White board & Marker
	to	- Explain process layout, product layout & Combination layout		
	17-02-23			
2	20-02-23	- Techniques to improve layout		"
	to	- Principles of material handling equipment		
	25-02-23	- Plant maintenance		
3	27-02-23	- Importance of plant maintenance		"
	to	- Breakdown maintenance, preventive maintenance		
	04-03-23	- Scheduled maintenance		
4	06-03-23	→ Introduction to operation research & its applications		"
	to	- Define Linear Programming Problem		
	11-03-23	- Solving of LPP by graphical method		
5	13-03-23	- Evaluation of Project completion time by critical path method & PERT		"
	to	- Simple problems on CPM & PERT		
	18-03-23	- Explain distinct features of PERT with respect to CPM.		
6	20-03-23	→ Classification of inventory		"
	to	- Objective of inventory control		
	25-03-23	- Describe the function of inventory		
7	27-03-23	- Benefits of inventory control		"
	to	- Costs associated with inventory		
	31-03-23	- Terminology on inventory control		
		- Explain & derive economic order quantity for basic model.		

Signature of HOD

Satyabrata Khilar  
Signature of faculty

Week	Date/Period	Theory/ Practical - Topics/Lesson	Teaching Aid
8	03-04-23	- Solve numerical on ABC	White board & Marker
	to	- Define & explain ABC analysis.	
	08-04-23	→ Define inspection & quality control - Define planning of inspection.	
9	10-04-23	- Describe types of inspection	" "
	to	- Advantage & disadvantage of quality control	
	15-04-23	- Study of factors influencing the quality of manufacture	
10	17-04-23	- Explain the concept of statistical quality control, control charts (X, R, p & c - charts)	"
	to	- Methods of attributes	
	21-04-23	- Concept of ISO 9001-2008	
11	24-04-23	- Quality management system, Registration/certification procedure.	"
	to	- Benefits of ISO to the organization	
	29-04-23	- TQM, Six sigma, 7c, Lean manufacturing.	
12	01-05-23	- Solve related problems	"
	to	→ Introduction to production planning & control	
	06-05-23	- Major functions of production planning & control.	
13	08-05-23	- Methods of forecasting.	"
	to	- Routing.	
	13-05-23	- Scheduling - Dispatching	
14	15-05-23	- Controlling	"
	to	- Types of production - Mass production	
	20-05-23	- Batch production	
15	22-05-23	- Job order production	"
	to	- Principles of product & process planning.	
	23-05-23	- Revision - Revision	

Signature of HOD

Satyabrata Philon  
Signature of faculty