

Discipline:
mechanical

Semester:
6th

Name of faculty:
Dr. Sankar Prasad Pradhan

subject:

No of days/class allocated:

Semester 57
From: 14/02/23
To: 23/05/23

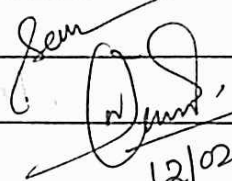
IFM

05

Week	class day	Theory TOPICS.
14th feb	1st	Plant Engineering
to	2nd	Selection of site
18th feb		of industry.
	3rd	Define plant layout.
	4th	material Shivel Retri
20th feb	1st	object and principle
to		of plant layout.
25th feb	2nd	process layout.
	3rd	product layout.
	4th	combination layout.
	5th	Techniques to improve
		layout.
27th feb	1st	Principles of material
to		handling equipment
4th march	2nd	plant maintenance
	3rd	importance of plant
		maintenance.
	4th	Break down maintenance.
	5th	preventive maintenance.
6th march	1st	Scheduled maintenance.
to	2nd	Dolo Purnime
11 march	3rd	Holi
	4th	operation Research.
	5th	Define L.P.P
13th march	1st	Solution of L.P.P by
to		graphical method.
18th march	2nd	Solve problem L.P.P.
	3rd	CPM & PERT
	4th	Network diagram
	5th	Solve problem on CPM

Week	class day	Theory TOPICS
20th march	1st	GIVES problem on PERT
to	2nd	Distinct features of PERT with respect to CPM.
25th march		
	3rd	Inventory control.
	4th	classification of inventory.
	5th	objective of inventory control.
27th march	1st	Function of inventory control.
to	2nd	Benefits of inventory control.
1st April	3rd	costs associated with inventory.
	4th	Reema Neelvami
	5th	Utkal Dives.
3rd April	1st	Terminology in inventory control.
to		
8th April	2nd	EOQ Basic model.
	3rd	Definition of inspection.
	4th	quality control.
	5th	planning of inspection.
10th April	1st	Explains ABC analysis.
to	2nd	Types of inspection.
15th April	3rd	Advantages and disadvantages of quality control.
	4th	Study of factors influencing the quality of manufacture.
	5th	X, P, R and C check concept.

Week	class day	Theory TOPICS.
1 st April	1 st	Method of Attributes
to	2 nd	concept of ISO 9001
2 nd April	3 rd	- 2008.
	4 th	quality management system, registration.
	5 th	Benefits of ISO to the organization.
		IS-UI-Fitne.
1 st April	1 st	JIT, 6 Sigma, TS
to	2 nd	Lean manufacturing.
2 nd April	3 rd	state solve problem.
	4 th	Solve problem on six Sigma concepts.
	5 th	REVISION this chapter.
1 st may	1 st	production planning
to		meaning.
6 th may	2 nd	production control
	3 rd	definition
	4 th	major function of production planning.
	5 th	Function of production control
		Forecasting definition
8 th may	1 st	Method of forecasting
to	2 nd	Routing method
13 th may	3 rd	Scheduling
	4 th	Types of scheduling
	5 th	Dispatching.

Week	class day:	Theory Topics
15th may	1st	controlling
to	2nd	TYPES of production
20th may	3rd	mass production
	4th	TYPES of mass
		production
	5th	APPLICATION of mass
		production % Batch
23rd may	1st	Job order production
to	2nd	principles of product
26th may		and process planning
		 12/02/23