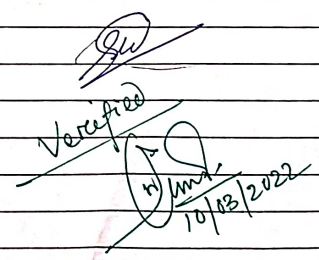


16th Discipline: Semester: 6th Name of the faculty: Sankar Prasad Pradhan
 DEM Mechanical. Semester from 10th march 22 to 10th June 22
 Subject: No of days/ Classes allotted - 05
 Industrial Engineering Management

Week	No. of period	Theory TOPICS
10th march		Plant Engineering
to	1st	Definition of plant Engineering
12th march	2nd	Selection of site of industry.
14th march	1st	Define plant layout
to	2nd	Objective of plant layout
16th march	3rd	Principle of plant layout
	4th	"Dola Pushimil"
	5th	"Holi"
21st march	1st	process layout
to	2nd	product & combination layout.
26th march	3rd	plant maintenance
	4th	Break down maintenance
	5th	Importance of plant maintenance.
28th march	1st	preventive maintenance
to	2nd	Scheduled maintenance.
2nd April	3rd	Define operation Research.
	4th	Utkal Dibas
	5th	Define LPP
4th April	1st	Evaluation of project CPM
to	2nd	PERT & CPM concept
9th April	3rd	Numerical solve.
	4th	Distance feature of
	5th	PERT with respect to CPM.

Week	No. of period	Theory TOPICS
11th April	1st	Inventory control concept
to	2nd	objective of Inventory control
16th April	3rd	Benefits of inventory control
	4th	Good Friday
	5th	explain ABC analysis.
18th April	1st	inspection and quality control
to	2nd	Types of inspection.
23rd April	3rd	Define quality control
	4th	Factor influencing quality
	5th	control. explain X, P, R chart
25th April	1st	concept of ISO 9001-2008
to	2nd	quality management.
30th April	3rd	benefits of ISO to organization
	4th	JIT, six sigma concept
	5th	TS, Lean manufacturing
2nd May	1st	production planning & control
to	2nd	Id-UL-Fitoe
7th May	3rd	Solve the Numerical
	4th	introduction PPCM.
	5th	Function of PPCM.
9th May	1st	method of Forecasting
to	2nd	Types of Forecasting
11th May	3rd	Forecasting problems.
	4th	Routing Definition.
	5th	Routing principle
16th May	1st	Budha purnima
to	2nd	Scheduling meaning
21st May	3rd	Types of scheduling method
	4th	Dispatching
	5th	methods of Dispatching

Week	No. of period	Theory TOPICS.
23rd May	1st	controlling
to	2nd	Types of production
28th May	3rd	Definition of production
	4th	mass production
	5th	refinement use of mass
30th May	1st	Sabitri Ambasya
to	2nd	production concept in
4th June	3rd	Industry for production.
	4th	Batch production.
	5th	Job order production.
		used in industry.
6th June	1st	principle of product planning
to	2nd	principle of process planning
10th June	3rd	REVISION.
	4th	previous question discussion
	5th	previous question
		Solve the Numerical



 Verified

 10/08/2022