

**ST. JOSEPH'S COLLEGE OF COMMERCE**  
(AUTONOMOUS)

**NO. 163, BRIGADE ROAD, BANGALORE – 560 025**

**BBA Course (2016 – 2017)**

**LESSON PLAN -III SEMESTER**

**PRODUCTION AND OPERATIONS MANAGEMENT**

<b>Time Allocation</b>	<b>Learning Objectives</b>	<b>Brief Contents</b>	<b>Teaching/ Learning Strategies</b>	<b>Teaching Aids/ Materials</b>	<b>Evaluation</b>
<b>Module 1: Introduction 8Hrs</b>					
1 Hr	To familiarize the Operations Management concepts	Meaning, Scope, & Functions	Lecture and Discussion	PowerPoint presentation	Questioning and answering questions in Class.
1Hr	To Introduce The Evolution Of The Field Of OM	Historical development	Lecture and Discussion	Student presentations, Case analysis	Questioning and answering questions in Class.
1 Hr	To Brief The Role Of Operations Management In An Organization. To Introduce The Role Of A Operations Managers	Functions & responsibilities of a production manager	Lecture and Discussion	PowerPoint presentation	Questioning and answering questions in Class.
1Hr	Identify the three major functional areas of organisations and describe how they interrelate	relationship of production with other functions	Lecture and Discussion	Student presentations, Case analysis	Questioning and answering questions in class.
1 Hr		problems-	Lecture	PowerPoint	Questioning

		Systems or types of Production	and Discussion	presentation	and answering questions in class.
<b>Module 2: Plant Location &amp; Layout 10 Hrs</b>					
2 Hrs	To Discuss The Importance In Deciding Plant Location To Give An Introduction About Various Types Of Layouts	Factors affecting location, theory	Lecture and Discussion	PowerPoint presentation	Questioning and answering questions in class.
2 Hrs		plant layout principles	Lecture and Discussion	PowerPoint presentation	Questioning and answering questions in class.
2 Hrs		types of layout- advantages and disadvantages of plant layouts	Lecture and Discussion	Student presentations, Case analysisPowerPoint presentation	Questioning and answering questions in class.
2 Hrs		techniques of plant layout, organization of physical facilities	Lecture and Discussion	PowerPoint presentation	Questioning and answering questions in class.
1 Hr		organization of physical facilities - Building, lighting, safety etc-protection measures and importance	Lecture and Discussion	PowerPoint presentation	Questioning and answering questions in class.
2 Hrs			Lecture and	PowerPoint presentation	Questioning and

			Discussion		answering questions in class.
1 Hr			Lecture and Discussion	PowerPoint presentation	Questioning and answering questions in class.
<b>Module 3: Materials Management 12 Hrs</b>					
2 Hrs		Meaning, Objectives, Material Control	Lecture and Discussion	PowerPoint presentation	Questioning and answering questions in class.
2 Hrs		Types	Lecture and Discussion	PowerPoint presentation	Questioning and answering questions in class.
1 Hr		concept of EOQ, systems and techniques	Lecture and Discussion	PowerPoint presentation	Questioning and answering questions in class.
1 Hr		Purchasing – Objectives, Categories of purchasing needs,	Lecture and Discussion	Student presentations, Case analysis	Questioning and answering questions in class.
2 Hrs		advantages and disadvantages of centralized and decentralized buying	Lecture and Discussion	PowerPoint presentation	Questioning and answering questions in class.
2 Hrs		selection of suppliers, purchasing policies	Lecture and Discussion	PowerPoint presentation	Questioning and answering questions in

					class.
2 Hrs		vendor rating techniques, Value analysis- value engineering,	Lecture and Discussion	Student presentations, Case analysis	Questioning and answering questions in class.
2 Hrs		Stores layout system, material handling	Lecture and Discussion	PowerPoint presentation	Questioning and answering questions in class.
<b>Module 4: Production Planning &amp; Control 8 Hrs</b>					
2 Hrs	To enable students understand the principles, practices and areas of application in PRODUCTION PLANNING AND CONTROL To Learn The Importance Of Production Planning	Production planning: Estimating,	Lecture and Discussion	PowerPoint presentation	Questioning and answering questions in class.
2 Hrs		Routing, Scheduling & Loading	Lecture and Discussion	PowerPoint presentation	Questioning and answering questions in class.
2 Hrs		Production Control :	Lecture and Discussion	Student presentations, Case analysis	Questioning and answering questions in class.
2 Hrs		Dispatching, Followup, Inspection & Evaluating &	Lecture and Discussion	PowerPoint presentation	Questioning and answering questions in

		corrective action			class.
<b>Module 5 – Quality Control 8 Hrs</b>					
2 Hrs		Objectives, Staistical Quality Control (SQC)	Lecture and Discussion	PowerPoint presentation	Questioning and answering questions in class.
2 Hrs		Statistical Process Control (SPC),	Lecture and Discussion	PowerPoint presentation	Questioning and answering questions in class.
2 Hrs		Total Quality Managemnet,	Lecture and Discussion	Student presentations, Case analysis	Questioning and answering questions in class.
2 Hrs		Quality Control (QC)	Lecture and Discussion	PowerPoint presentation	Questioning and answering questions in class.
<b>Module 6: Time &amp; Motion Study 8 Hrs</b>					
2 Hrs		Concepts of standard time,	Lecture and Discussion	Student presentations, Case analysis	Questioning and answering questions in class.
2 Hrs		method study, work study	Lecture and Discussion	PowerPoint presentation	Questioning and answering questions in class.
2 Hrs		time & motion study,	Lecture and Discussion	PowerPoint presentation	Questioning and answering questions in class.

2 Hrs		charts, diagrams, work measurements	Lecture and Discussion	PowerPoint presentation	Questioning and answering questions in class.
<b>Module 7: Maintenance Management and Waste Management 6 Hrs</b>					
2 Hrs		Types of maintenance – merits & demerits,	Lecture and Discussion	PowerPoint presentation	Questioning and answering questions in class.
2 Hrs		maintenance scheduling, procedure & tools,	Lecture and Discussion	PowerPoint presentation	Questioning and answering questions in class.
1 Hr		scrap surplus disposal, &	Lecture and Discussion	PowerPoint presentation	Questioning and answering questions in class.
1 Hr		Automation – meaning, considerations, advantages & forms of automation	Lecture and Discussion	PowerPoint presentation	Questioning and answering questions in class.

First three modules are the portions for the Mid Term Test

CIA is left at the discretion of the respective teacher

**Prepared by:-**

*Mrs. Komal A. Dave*