



Mangalmai Institute of Management Technology

Greater Noida (U.P.)



Lesson Plan

Program: BBA **Semester:** IV **Course Code:** BBA-403 **Course Name:** Production & Operation Management

Course Objectives

(CO1): Understand about basics of Production Management

(CO2): Understand and analyze about manufacturing systems

(CO3): Understand and apply the knowledge about Plant Location, Plant layout & Materials Management

(CO4): Understand and apply the scope of Quality Control

Session Duration: 60 minutes

Participants: BBA Students

Entry level knowledge and skills of students

- i. Basic knowledge about Production in company.

Equipment required in Classroom/ Laboratory/ Workshop

- i. Smart Board
- ii. LCD Projector

Assessment Schemes

S. No.	Criteria	Marks (100)
1	CCSU End Term Examination	75
2	Internal Evaluation Scheme	25
2(a)	Teacher Assessment (Continuous Evaluation) (Any 2 & attendance)	20
2(a)(i)	Assignment I	10
2(a)(ii)	Assignment II	10
2(a)(iii)	Attendance (compulsory)	5

Course Outcomes (starting with action-oriented observable and measurable verb)

CO1: This course enables the students to develop awareness about Production Management.
CO2: Understand about basics of Production Management



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CO3: Understand and analyse about manufacturing systems
CO4: Understand and apply the knowledge about Plant Location, Plant layout & Materials Management
CO5: Understand and apply the scope of Quality Control

L. No.	Topics	Sub Topics	Date of implementation	Pedagogy	CO-Covered	Faculty Sign	HoD's Remark with Date
Unit - 1							
1.	Nature & Scope of Production Management			Smart board and LCD Projector	1		
2.	Functions of Production Management			Smart board and LCD Projector	1		
3.	Production Systems			Smart board and LCD Projector	1		
4.	Responsibilities of Production manager			Smart board and LCD Projector	1		
5.	Responsibilities of Production manager			Smart board and LCD Projector	1		
6.	Production Planning & Control (PPC)			Smart board and LCD Projector	1		
7.	Production Planning & Control (PPC)			Smart board and LCD Projector	1		
8.	Objectives of PPC			Smart board and LCD Projector	1		
Unit - 2							
9.	Types of manufacturing Systems: Intermitted			Smart board and LCD Projector	2		



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10.	Intermitted			Smart board and LCD Projector	2		
11.	Intermitted			Smart board and LCD Projector	2		
12.	Continuous Systems			Smart board and LCD Projector	2		
13.	Continuous Systems			Smart board and LCD Projector	2		
14.	Product design & development			Smart board and LCD Projector	2		
15.	Product design & development			Smart board and LCD Projector	2		
16.	Product design & development			Smart board and LCD Projector	2		
Unit - 3							
17.	Plant Location			Smart board and LCD Projector	3		
18.	Plant Location			Smart board and LCD Projector	3		
19.	Factors affecting Plant Location			Smart board and LCD Projector	3		
20.	Factors affecting Plant Location			Smart board and LCD Projector	3		
21.	Plant layout			Smart board and LCD Projector	3		
22.	Plant layout			Smart board and LCD Projector	3		
23.	Factors affecting Plant Layout			Smart board and LCD Projector	3		
24.	Factors affecting Plant Layout			Smart board and LCD Projector	3		
Unit - 4							
25.	Materials Management & Inventory			Smart board and LCD Projector	4		



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	Control						
26.	Purchasing Economic lot quality/Economic order quantity(EOR)			Smart board and LCD Projector	4		
27.	Lead time			Smart board and LCD Projector	4		
28.	Re-order level			Smart board and LCD Projector	4		
29.	ABC analysis			Smart board and LCD Projector	4		
30.	ABC analysis			Smart board and LCD Projector	4		
31.	Stock Keeping.			Smart board and LCD Projector	4		
32.	Stock Keeping.			Smart board and LCD Projector	4		
Unit - 5							
33.	Quality Control			Smart board and LCD Projector	5		
34.	Quality			Smart board and LCD Projector	5		
35.	Quality assurance			Smart board and LCD Projector	5		
36.	Quality Circles			Smart board and LCD Projector	5		
37.	TQM			Smart board and LCD Projector	5		
38.	JIT			Smart board and LCD Projector	5		
39.	Statistical Quality Control			Smart board and LCD Projector	5		
40.	Statistical Quality Control			Smart board and LCD Projector	5		
Revision							
41.	Revision of unit I			Smart board and LCD Projector	1		
42.	Revision of unit I			Smart board and LCD Projector	1		



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43.	Revision of unit II			Smart board and LCD Projector	2		
44.	Revision of unit II			Smart board and LCD Projector	2		
45.	Revision of unit III			Smart board and LCD Projector	3		
46.	Revision of unit IV			Smart board and LCD Projector	4		
47.	Revision of unit V			Smart board and LCD Projector	5		
48.	Revision of unit V			Smart board and LCD Projector	5		

Text Books: 1. Production Operation management B.S. Goel
2. Production &. Operation Management Buffa
3. Production & Operation Management S.N Chany

Reference Books: Production &. Operation Management by K Ashwathappa, K Shridhar Bhat

Journals: <https://onlinelibrary.wiley.com/journal/19375956>

Electronic Database: <https://www.mastercontrol.com/manufacturing/productions-operations-management/#:~:text=What%20is%20Production%20Operations%20Management,delivery%20of%20products%20and%20services.>