

PANIPAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Department of Business Studies

Semester :3 rd			
Course Title: PRODUCTION MANAGEMENT			
Course Code:B23-BBA-304			
S. No.	Lecture No.	Topics to be covered	Target Outcome
1	1	Introduction to Production Management: Meaning and Nature	CLO 1
2	2	Objectives and Functions of Production Management	CLO 1
3	3	Scope of Production Management	CLO 1
4	4	Historical Background of Production Management	CLO 1
5	5	Types of Production Systems: Intermittent vs. Continuous	CLO 2
6	6	Emerging Trends in Production Management	CLO 1
7	7	Introduction to Productivity	CLO 1
8	8	Factors Affecting Plant Location	CLO 2
9	9	Plant Layout: Importance and Objectives	CLO 2
10	10	Types of Plant Layout: Process, Product, Fixed Layout	CLO 2
11	11	Introduction to Product Design	CLO 2
12	12	Steps in Product Design	CLO 2
13	13	Process Planning and Selection	CLO 2
14	14	Make or Buy Decisions	CLO 2
15	15	Purchase Management Overview	CLO 3
16	16	The Purchasing Cycle	CLO 3
17	17	Maintenance Management: Importance and Functions	CLO 3
18	18	Introduction to Production Planning and Control	CLO 2
19	19	Elements of Production Planning	CLO 2
20	20	Inventory Management: Definition and Importance	CLO 3
21	21	Inventory Control Techniques	CLO 3
22	22	ABC Analysis: Method and Application	CLO 3
23	23	XYZ Analysis: Method and Application	CLO 3
24	24	VED Analysis: Method and Application	CLO 3
25	25	FSN Analysis: Method and Application	CLO 3
26	26	SDE Analysis: Method and Application	CLO 3
27	27	Quality Control in Production	CLO 4
28	28	Statistical Quality Control: Overview	CLO 4

29	29	Quality Control Tools and Techniques	CLO 4
30	30	ISO Certification: Importance and Process	CLO 4
31	31	Case Studies in Production Management	CLO 1
32	32	Preparation for Final Assessment	CLO 1
33	33	Final Assessment	CLO 2
34	34	Feedback and Course Wrap-Up	CLO 1
35	35		