

LECTURE PLAN OF INDUSTRIAL MANAGEMENT

Class: B. Tech. 3rd Year

Subject Teacher: Dr. Anand Tiwari

Subject Code: NHU-601

| Unit | Lecture No. | Topic to be taught | Remarks |
|-----------------|-------------|---|---------|
| UNIT-I | 1 | 1.1 Introduction: Concept of Industrial Management | |
| | 2 | 1.1 Introduction: Concept of Industrial Management | |
| | 3 | 1.2 Development of Industrial Management | |
| | 4 | 1.3 Application and Scope of Industrial Management | |
| | 5 | 1.4 Productivity: Definition of Productivity | |
| | 6 | 1.5 Measurement of Productivity | |
| | 7 | 1.6 Productivity Index | |
| | 8 | 1.7 Types of Production System | |
| | 9 | 1.8 Industrial Ownership | |
| | 10 | 1.8 Industrial Ownership | |
| | 11 | 1.8 Industrial Ownership | |
| UNIT-II | 12 | 2.1 Management Function | |
| | 13 | 2.2 Principle of Management | |
| | 14 | 2.3 Time and Motion Study | |
| | 15 | 2.4 Work Simplification | |
| | 16 | 2.5 Process Charts and Flow Diagrams | |
| | 17 | 2.5 Process Charts and Flow Diagrams | |
| | 18 | 2.6 Production Planning | |
| UNIT-III | 19 | 3.1 Inventory Control | |
| | 20 | 3.1 Inventory Control | |
| | 21 | 3.1 Inventory Control | |
| | 22 | 3.2 Inventory | |
| | 23 | 3.3 Cost Deterministic Models | |
| | 24 | 3.3 Cost Deterministic Models | |
| | 25 | 3.3 Cost Deterministic Models | |
| | 26 | 3.4 Introduction to Supply Chain Management | |
| UNIT-IV | 27 | 4.1 Quality Control | |
| | 28 | 4.2 Process Control | |
| | 29 | 4.3 SQC | |
| | 30 | 4.4 Control Charts | |
| | 31 | 4.4 Control Charts | |
| | 32 | 4.4 Control Charts | |
| | 33 | 4.5 Single, Double and Sequential Sampling | |
| | 34 | 4.5 Single, Double and Sequential Sampling | |
| | 35 | 4.5 Single, Double and Sequential Sampling | |
| | 36 | 4.6 Introduction to TQM | |
| | 37 | 4.6 Introduction to TQM | |