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| <b>Subject Code: 2CM1010402</b> | <b>Subject Title: Production Management</b> |
|                                 | <b>COURSE TYPE : CORE COURSE</b>            |

**Course Objective:** : To make the students acquaint with the various aspects and terminology related to production department and its modus operandi so that they become aware about the real position of organization and can take strategic decision in any condition.

| Teaching Scheme (Hours per week) |          |           |        | Evaluation Scheme (Marks) |                          |       |
|----------------------------------|----------|-----------|--------|---------------------------|--------------------------|-------|
| Lecture                          | Tutorial | Practical | Credit | University Assessment     | Institutional Assessment | Total |
| 3                                | -        | -         | 3      | 70                        | 30                       | 100   |

| Subject Contents |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |            |
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| Sr. No           | Topic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Total Hours | Weight (%) |
| 1                | <b>Production:</b> Meaning & Characteristics of Production, Types of Production on the basis of of production process and production continuity, difference between Continuous Production and Intermittent Production<br><b>Production Management:</b> Definition, Characteristics, Scope of Production Management.<br><b>Production Planning:</b> Definition, Process and Importance<br><b>Production Control:</b> Definitions, Process and Importance, Difference between Production Planning v/s Production Control. | 9           | 25%        |
| 2                | <b>Scientific Purchasing:</b> Meaning of Scientific Purchasing, Principles of Scientific Purchasing, Objectives of Scientific Purchasing, Purchase Classification, Methods of Purchasing, Scientific (Modern) process of Purchasing, Centralized v/s Decentralized purchasing, Decision regarding to Purchase from outside or to Make (Manufacture) in company.                                                                                                                                                         | 9           | 25%        |
| 3                | <b>Inventory Control:</b> Meaning and types of Inventory Control, Objectives of Inventory Control, Functions of Inventory Control, Brief idea about the techniques ( Methods) of Inventory Control i.e ABC Analysis, VED Analysis, FSN Analysis.<br>Briefly explain the Inventory Control term: Maximum Level, Minimum Level, Re-order Level, Danger Level and Economic Order Quantity.<br>Principles of effective Inventory Control.                                                                                   | 9           | 25%        |
| 4                | <b>Developing &amp; Launching New Product Services:</b><br>The new product development dilemma, Problem of Launching New product in the market, Process of New product development, Adoption process of New product, Causes for product failure, Concept of product mix, Product simplification, Product diversification.                                                                                                                                                                                               | 9           | 25%        |

**Reference Books:**

1. Mart and Telsang, *Industrial Engineering and Production Management*-. S.Chand & Sons.
2. R.Panneerselvam, *Production and Operations Management*, Eastern Economy Edition, New Delhi
3. S.A.Chunawala & D.R.Patel, *Production and Operations Management*, Himalaya Publishing House, Mumbai
4. Production Management B.Poom, D.B for Taraporwala & Sons.
5. N.Kumar and R. Mittal, *Anmol Production Management*, Publications Pvt. Ltd, New Delhi.
6. Kumar Prakashan (Educational Publishers), *Production Management*, Ashram Road, Ahmedabad-380014