**Academic Year: 2021-22**

**Period: Jan to April 2022**

**Name of Teacher: Dr. Reena Talwar**

**Course: B.Com Hons. CBCS Semester: VI**

**Paper BCH 6.4(c): Project Management and Techniques (DSE2)**

**Theory: 5 Credit hrs. (Five Lectures per week)**

**Subject Objectives**: To familiarize the students with the suitable framework for project preparation, appraisal, monitoring and control of industrial projects.

**LESSON PLAN (for the year 2021-22 Jan. to April)**

**(Unit-wise)**

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| **UNIT/ Lectures and Labs Required** | **TOPICS FOR STUDENT PREPARATION (INPUT)** | **PROCEDURE (Tools)** | **LEARNING OUTCOME (OUTPUT)** | **ASSESSMENT** |
| UNIT1 : Introduction of Project Management(15 lectures ) | Concept and attributes of projectProject Life CycleRole of Project managerProject Management Process and PrinciplesProject Manager vs. Line ManagerProject Stakeholder AnalysisProject Planning, Monitoring and ControlPre-Feasibility Study | \* Lecture and discussion\*Problem solving with the help of black-board\*Use of diagrams and charts\* Case studies | \*Students will be able to understand the concept of a project, stages involved in the project and its life cycle. \*Develop an understanding about role of a project manager and key skills required to be a project manager \* Understanding project planning, monitoring and control in depth and how to conduct a pre-feasibility study. | Evaluation through Multiple choice questions, oral and written assignment  |
| UNIT 2 : Project Preparation(15 lectures) | Technical FeasibilityMarket and Demand FeasibilityFinancial FeasibilityEstimation of Costs and FundsCommercial ViabilityProject Collaboration ManagementTax Considerations and Legal Aspects | \*Lecture and discussion \*Problem solving with the help of black-board\* Use of NPV tables and other calculations \*Case studies | \*Develop conceptual understanding of various feasibility studies like technical, market and demand, financial and commercial viability of a project.\*Understand project collaboration management \*Able to identify tax and legal aspects involved in projects. | Evaluation through test, presentation and assignment |
| UNIT3 : Project Appraisal (15 lectures) | Criterion of Growth, Liquidity and ProfitabilitySocial Cost Benefit AnalysisInvestment Criterion and Choice of techniquesEstimation of Shadow prices and social discount rate | \*Lecture and discussion\*Problem solving with the help of black-board\* Use of diagrams and comparative charts \*Case studies | \*Develop understanding about profitability, liquidity and growth prospects of projects.\*Understand how to perform Social Cost Benefit Analysis \*Learn about various investment criterions and choosing the best technique. | Evaluation through test and assignment |
| UNIT 4 : Project Risk and Performance Assessment (15 lectures) | Identification, Analysis and Reduction of Project RiskProject Quality phases, implementation and Quality Control (QC)Meaning and Elements of Project Report | \*Lecture and discussion \*Problem solving with the help of black-board\* Use of flow charts and comparative charts \*Case studies | \* In-depth understanding of Risk Identification, analysis and techniques to mitigate and reduce risk\*Develop understanding about Project Quality, different phases in Quality Management and Project Quality Control  | Evaluation through assignment, test and MCQs |
| UNIT 5 : Project Management techniques and Case Studies (10 lectures) | Program Evaluation and Review Technique (PERT)Critical Path Method (CPM)Case Studies Discussion and Analysis | \*Lecture and discussion \*Problem solving with the help of black-board\* Use of flow charts and comparative charts \*Case studies | \* In-depth study and analysis of two important project techniques – PERT and CPM methods. | Group-discussions and presentations |

**Suggested Readings:**

1. Chandra. Prasanna. *Project Preparation, Appraisal and Implementation*. Tara McGraw Hill.

2. Bansal, S.. *Project Management and Techniques*. JSR Publishing House LLP, New Delhi

3. Gido, Jack,. And Clements, James P. *Project Management*. Cengage Learning.

4. Gray, Clifford F., Larson, Eric W., and Desai, Gautam V. *Project Management: The Managerial Process.* McGraw Hill Education