**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 project  Project Life Cycle  Role of Project manager  Project Management Process and Principles  Project Manager vs. Line Manager  Project Stakeholder Analysis  Project Planning, Monitoring and Control  Pre-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 Feasibility  Market and Demand Feasibility  Financial Feasibility  Estimation of Costs and Funds  Commercial Viability  Project Collaboration Management  Tax 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 Profitability  Social Cost Benefit Analysis  Investment Criterion and Choice of techniques  Estimation 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 Risk  Project 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