

| <b>Programme: - MBA-CBCS-Revised syllabus w.e.f. Year 2022-23</b>  |   |                         |                   |
|--|---|-------------------------|-------------------|
| <b>Semester</b>  | <b>Course Code</b>  | <b>Course Title</b>     |                   |
| IV   | PR03  | Managing Large Projects |                   |
| <b>Type</b>  | <b>Credits</b>  | <b>Evaluation</b>       | <b>Marks</b>      |
| Co Elective  | 3   | CES                     | UE (50) + (50) IE |
| <b>Course Objectives:</b>  |   |                         |                   |
| <ol style="list-style-type: none"> <li>1. To understand concept, scope &amp; goal of large project.</li> <li>2. To understand project planning baseline costing &amp; geographic locations.</li> <li>3. To understand project feasibility, technical &amp; financial feasibility, SWOT analyses.</li> <li>4. To know role of team management responsibility of project manager.</li> <li>5. To understand project monitoring &amp; control.</li> </ol> |   |                         |                   |
| <b>Course Outcomes:</b>  |   |                         |                   |
| <ol style="list-style-type: none"> <li>1. Evaluate project to develop scope of work, provide accurate cost estimation.</li> <li>2. Identify resources required for the project &amp; to produce a work plan.</li> <li>3. Evaluate project for quality concept.</li> <li>4. Use of project management tools for managing the project.</li> </ol>  |   |                         |                   |
| <b>Unit</b>  | <b>Contents</b>   |                         | <b>Sessions</b>   |
| 1  | <b>Large Project.</b><br>Concept, Scope and Goal of large Project, Problem being resolved, Project deliverables, Stakeholders, Timeline of the project, Effect of Macro-environment factors, Challenges and Managing strategy, Scope creeps.  |                         | 11                |
| 2  | <b>Baseline costing and Geographic locations.</b><br>Project planning and vision, planning accurate cost budgeting, managing cost structure, Input cost factors, Cost estimation methods, Currency fluctuations, Different costing due to different location.   |                         | 10                |
| 3  | <b>Project Feasibility.</b><br>Stakeholder's, Sponsor's Vision, Financial Feasibility -Project revenue, Technical Feasibility analysis, Customer lifetime value, SWOT, Project Risk assessment, VRIO framework ,Risk-neutrality and risk aversion – Techniques for handling uncertainty – Sensitivity analysis. |                         | 09                |
| 4  | <b>Role of Team Management.</b><br>Experience and success of Project Manager, Top Team and its experience. Assigning role for Project, Team Management Training, Collaboration Delegation and independence to team member.  |                         | 12                |
| 5  | <b>Project Monitoring and Control.</b><br>Designing Monitoring system, Traceability matrix, control charts, Earned value analysis, Periodic schedule and goals review. Monitoring different time zone and location, Allowing for inflation.   |                         | 10                |
| 6  | <b>Project Methodologies.</b><br>Waterfall methodology, Agile methodology, Scrum methodology, extreme programming (XP) methodology, Adaptive project framework (APF) methodology.   |                         | 12                |

**Reference Books:**

| Sr. No. | Name of the Author               | Title of the Book                              | Year Edition | Publisher Company                     |
|---------|----------------------------------|--|--------------|---------------------------------------|
| 01      | Clifford F. Gray, Erik W. Larson | "Project Management, the managerial process"   | 2010         | TATA McGraw hill Publication Co. Ltd. |
| 02      | Vasant Desai                     | "Project Management"                           | 2015         | Himalaya Publication House            |
| 03      | John M. Nicolas                  | "Project Management for business & technology" | 2009         | Prentice Hall of India Pvt. Ltd.      |

**Online Resources:**

| Online Resources No. | Web site address  |
|----------------------|---|
| 1.                   | <a href="http://www.teamwork.com">www.teamwork.com</a>  |
| 2.                   | <a href="https://kissflow.com">https://kissflow.com</a> |
| 3.                   | <a href="http://www.wrike.com">www.wrike.com</a>        |
| 4.                   | <a href="https://wedevs.com">https://wedevs.com</a>     |

**MOOCs:**

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|---------------|---|
| 1.            | <a href="https://onlinecourses.swayam2.ac.in/imb19mg20/preview">https://onlinecourses.swayam2.ac.in/imb19mg20/preview</a> |
| 2.            | <a href="https://onlinecourses.nptel.ac.in/noc20mg14/preview">https://onlinecourses.nptel.ac.in/noc20mg14/preview</a>     |
| 3.            | <a href="https://www.mooc-list.com/tags/projectmanagement">https://www.mooc-list.com/tags/projectmanagement</a>           |

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| <b>Semester</b>   | <b>Course Code</b> | <b>Course Title</b>            |                   |
| IV  | PR04               | Social cost & benefit analysis |                   |
| <b>Type</b>   | <b>Credits</b>     | <b>Evaluation</b>              | <b>Marks</b>      |
| Co Elective   | 3                  | CES                            | UE (50) + (50) IE |
| <b>Course Objectives:</b>   |                    |                                |                   |
| <ol style="list-style-type: none"> <li>1. To understand the concept of social cost, environmental factors affecting on social cost benefit analysis.</li> <li>2. To understand costing methodologies &amp; positive negative costs.</li> <li>3. To know the concept of cost benefit analysis, framework, advantages &amp; limitations of cost benefit analysis.</li> <li>4. To understand project appraisal process.</li> </ol> |                    |                                |                   |

| <b>Course Outcomes:</b>   |  |                 |
|---|--|-----------------|
| <ol style="list-style-type: none"> <li>1. Evaluate social cost benefit analysis.</li> <li>2. How to use various methodologies for project costing.</li> <li>3. Evaluate project appraisal process, monitoring systems.</li> <li>4. Evaluate tools to identify tangible &amp; intangible benefits of project.</li> </ol> |  |                 |
| <b>Unit</b>   | <b>Contents</b>  | <b>Sessions</b> |
| 1   | <b>Social cost.</b><br>Concept of Social cost, need for social cost, macro-environment factors and macroeconomic cost, Development projects - The need to choose - The concept of Pareto Optimality – Actual or potential Pareto improvements – From individual to social improvements.                                    | 12              |
| 2   | <b>Costing Methodologies.</b><br>Project goals and cost, Private cost, Concept, calculation methods, social cost, calculation s and methodologies, Positive and negative social cost.  | 09              |
| 3   | <b>Social cost benefit analysis in project management.</b><br>Cost benefit analysis -Concept, Framework, identifying cost and benefits Advantages and Limitations, Risk and uncertainties of cost benefit analysis Managing cost benefit analysis, The concept of net social benefit-- Pareto Optimality and Public Goods. | 10              |
| 4   | <b>Tools of cost benefit analysis.</b><br>Types of cost – Indirect cost, Opportunity cost and Future costs, Benefits - Tangible and Intangible benefits, Net present value (NPV), Benefit -cost ratio (BCR), Internal rate of return(IRR), Discounted cash flow(DCF).  | 14              |
| 5   | <b>Project Appraisal process.</b><br>Appraisal Process, Environmental Process, Designing Monitoring system, earned value analysis, Benefit-cost analysis of Health projects – Benefit-cost analysis of environment projects.   | 11              |

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