

| Course code                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Course Title                                | L                | T | P | C |
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| OLMBA641                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Project Management                          | 3                | 1 | 0 | 4 |
| Pre-requisite                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | NIL                                         | Syllabus Version |   |   |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                             | 1.0              |   |   |   |
| <b>Course Objectives:</b><br>1. To learn and prioritize and selection of projects from a potential projects list.<br>2. To manage scope, time, cost, risks, human resource, quality, communication, stakeholder and procurement management.<br>3. To evaluate and monitoring the performance of the project provide basic project management skills with a strong emphasis on issues and problems associated with delivering successful projects.<br>4. To explore the opportunities of quality management tools and techniques involved while handling the projects monitoring team. |                                             |                  |   |   |   |
| <b>Course Outcome:</b><br>1. To prioritize and select projects identification and selection<br>2. To identify the different types of project organization and leadership roles<br>3. To evaluate and monitoring the performance of the project time and cost management<br>4. To identify and mitigate the risk involved in the project management                                                                                                                                                                                                                                    |                                             |                  |   |   |   |
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| <b>Module:1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Introduction to Project Management</b>   |                  |   |   |   |
| Concept of project management, project definition and key features of projects, project life cycle phases, typical project management issues, basic project activities                                                                                                                                                                                                                                                                                                                                                                                                                |                                             |                  |   |   |   |
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| <b>Module:2</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Project Identification and Selection</b> |                  |   |   |   |
| Identification and screening (brainstorming, strength and weakness in the system, environmental opportunities and threats), Project evaluation methods- Payback period, Net present value, Internal rate of return and project evaluation under uncertainty.                                                                                                                                                                                                                                                                                                                          |                                             |                  |   |   |   |
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| <b>Module:3</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Project Organization</b>                 |                  |   |   |   |
| Roles and responsibilities of a project manager, Project Organization-The project as Part of the Functional Organization, Pure Project Organization, The Matrix organization, leadership styles                                                                                                                                                                                                                                                                                                                                                                                       |                                             |                  |   |   |   |
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| <b>Module:4</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Scope, Time and Cost Management</b>      |                  |   |   |   |
| Scope Management-define the project-SOW,WBS, Time Management-Network diagram, forward and backward pass, critical path, PERT and CPM, AOA and AON methods, tools for project network, Cost management-earned value method.                                                                                                                                                                                                                                                                                                                                                            |                                             |                  |   |   |   |
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| <b>Module:5</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Project Resource management</b>          |                  |   |   |   |
| Scheduling resources, resource allocation methods, project crashing and resource leveling, Organizing systems and procedures - working of systems, design of systems, project work system design, project execution plan, project procedure manual project control system, Planning scheduling and monitoring, monitoring contracts and project diary.                                                                                                                                                                                                                                |                                             |                  |   |   |   |
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| <b>Module:6</b>                                                                                                                                                                                                                                                                   | <b>Risk Management</b>                                                                                    |            |                 |
| Risk identification, types of risk, risk checklist, risk management tactics, risk mitigation and contingency planning, risk register, communication management                                                                                                                    |                                                                                                           |            |                 |
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| <b>Module:7</b>                                                                                                                                                                                                                                                                   | <b>Quality Management and Project Monitoring</b>                                                          |            |                 |
| Quality assurance and quality control, quality audit, methods of enhancing quality. Project monitoring information system, project status report and other control issues, project audit and closure, international projects-environmental factors, cross cultural considerations |                                                                                                           |            |                 |
|                                                                                                                                                                                                                                                                                   | <b>Total Hours of Study:</b>                                                                              |            | <b>120</b>      |
| <b>Text Book(s)</b>                                                                                                                                                                                                                                                               |                                                                                                           |            |                 |
| 1.                                                                                                                                                                                                                                                                                | Larson, E., & Gray, C. (2014). Project Management: The Managerial Process 6e. McGraw Hill.                |            |                 |
| <b>Reference Books</b>                                                                                                                                                                                                                                                            |                                                                                                           |            |                 |
| 1.                                                                                                                                                                                                                                                                                | A Guide to the Project Management Body of Knowledge: (PMBOK Guide) by Project Management Institute, 2013. |            |                 |
| 2                                                                                                                                                                                                                                                                                 | Gopala Krishnan & Rama Murthy, A Text book of Project Management, McMillan India                          |            |                 |
| 3                                                                                                                                                                                                                                                                                 | S. Choudhary (2004), Project Management, Tata McGraw Hill Publication.                                    |            |                 |
| 4                                                                                                                                                                                                                                                                                 | R.Panneerselvam and P.Senthil Kumar (2013), Project Management, PHI Learning Private Limited              |            |                 |
| 5.                                                                                                                                                                                                                                                                                | Prasanna Chandra (2014), Projects: Planning, Analysis, Selection, Financing, implementation and Review    |            |                 |
| Mode of Assessment: Quiz/ Assignment/CAT/FAT                                                                                                                                                                                                                                      |                                                                                                           |            |                 |
| Recommended by Board of Studies                                                                                                                                                                                                                                                   |                                                                                                           | 04-11-2024 |                 |
| Approved by Academic Council                                                                                                                                                                                                                                                      |                                                                                                           | No.76      | Date 28-11-2024 |