

BMS Institute of Technology and Management, Bengaluru 64			
SEMESTER - VI			
Choice Based Credit System (CBCS)			
PROJECT & FINANCE MANAGEMENT (2:0:0) 2			
(Effective from the academic year 2023-24 for 2021 Scheme)			
Common to ECE, ETE, EEE, ME, CV, CSE, AIML & ISE programs			
Course Code	21HSS61	CIE Marks	50
Teaching Hours/Week (L:T:P)	2:0:0	SEE Marks	50
Total Number of Contact Hours	25	Exam Hours	02
Course Objectives:			
This course will enable students to:			
<ol style="list-style-type: none"> 1. Define the fundamentals of Project Management. 2. Identify the strategies involved in selection, prioritization, planning & scheduling of a project. 3. Understand the time value of money & apply it for decision making. 4. Analyze project risk, progress & results. 5. Make awareness about various sources of finance. 6. Gain Knowledge on working capital & capital budgeting. 			
Preamble: Project Management: Need for project management, management practices to meet the challenges of new economic environment, globalization process, rapid technological advancement, and quality concerns of the stakeholders.			
Module - 1			
Project Management: Definition of project, characteristics of projects, types of projects, project roles.			
Project Selection & Prioritization: Strategic planning process, strategic objectives, identifying potential projects, feasibility study (environment, society), methods of selecting projects, prioritizing projects, securing and negotiating projects.			
(05 Hours)			
Module - 2			
Project planning & scheduling: Project scope & check list, work breakdown structure, project schedule, uncertainty in project schedules.			
Project resourcing & risk planning: Abilities needed when resourcing projects, estimate resource needs, cost planning & estimating, risk management planning, risk identification, risk analysis, project quality planning and project kick-off.			
(05 Hours)			
Module - 3			
Project performing, progress & results: Project supply chain management, project balanced score card approach, terminate project early, finish project, customer feedback & approval.			
(05 Hours)			

Module - 4	
<p>Financial Management: Evolution of financial management, key activities of finance manager, key decision areas in financial management, financial statement with balance sheet. Efficient utilization and generation of monetary resources and funds, a comparative study of finance and economics, Costs and revenue evaluation for various engineering operations.</p> <p>Capital Budgeting: Types of capital budgeting decisions, capital budgeting proposals, estimating cash flows for project appraisal, green capital budgeting.</p> <p style="text-align: right;">(05 Hours)</p>	
Module - 5	
<p>Working capital management: Factors affecting working capital requirement, operating cycle analysis, negative working capital, cash planning & managing cash flows.</p> <p>Cost of capital and leverage Analysis: Concept, significance, assumptions, factors affecting cost of capital, Leverage Analysis: operating leverage, financial leverage. Recap: All the 5 modules.</p> <p style="text-align: right;">(05 Hours)</p>	
<p>Course outcomes:</p> <p>The students will be able to:</p> <p>CO1: Understand the selection, prioritization & initiation of individual projects, WBS, scheduling, uncertainty & risks associated in project.</p> <p>CO2: Outline the progress and results of the project and illustrate the time value of money & use it for decision making.</p> <p>CO3: Identify the capital requirements for starting a business & management of working capital.</p>	
Textbooks	
1.	Timothy J Kloppenborg, Project Management, Cengage Learning, 2 nd Edition, 2009.
2.	John J Hampton, Financial Management, PHI Publication, 4 th edition.
References	
1.	Pennington Lawrence, Project Management, McGraw-Hill, 1 st edition.
2.	Joseph A Moder, Philips New Yark, Project Management with CPM & PRT, McGraw-Hill, 2 nd edition, 1983.
3.	Harold Kerzner, Project Management A system approach to Planning, Scheduling & Controlling, CBS Publication, 2 nd Edition, 2006.
4.	S.D. Sharma, Operations Research, Kedar Nath Ramnath, Meerut, New Edition, 2015.
5.	M.Y. Khan, Financial Management, Tata Mc-Graw Hill, Fifth Edition, 2007.
6.	O.P. Khanna, Industrial Engineering & Management, Dhanpat Rai Publications, Second Edition, 1999.