

INDIAN INSTITUTE OF TECHNOLOGY TIRUPATI

भारतीय प्रौद्योगिकी संस्थान तिरुपति

Yerpedu-Venkatagiri Road, Yerpedu Post, Tirupati District, Andhra Pradesh - 517 619

Title of the course	Project Management
Course number	HS519L
Structure of credits (L-T-P-C)	3-0-0-3
New course/modification to	New
To be offered by	Humanities and Social Sciences
Prerequisite	None
7. Course Objective(s): To explain the notions of project planning and execution. To apply scientific techniques and tools to develop and manage different types of projects.	
Course Content: Characteristics of projects: objectives, types; Project life cycle: knowledge areas, performance domains; Project initiation: project documentation, role of a project manager; Project economics: capital budgeting, project control; Project scheduling: visualizations, network techniques, mathematical models, critical chain approach; Project risk management; Managing IT projects: predictive and agile approaches; Project management software.	
9. Textbook(s): 1. Kerzner H, Project Management: A Systems Approach to Planning, Scheduling, and Controlling, 13th Edition, Wiley (2022). 2. PMI, A Guide to the Project Management Body of Knowledge, 7th Edition, Project Management Institute (2021).	
10. Reference(s): 1. Pinto J K, Project Management: Achieving Competitive Advantage, 5th Edition, Pearson (2020). 2. Prasanna C, Projects: Planning, Analysis, Selection, Financing, Implementation and Review, 8th Edition, Tata McGraw-Hill (2017).	
	Course number Structure of credits (L-T-P-C) New course/modification to To be offered by Prerequisite Course Objective(s): To explain the notions of preserved techniques and tools to develop and manage difference course Content: Characteristics of projects: object performance domains; Project initiation: project economics: capital budgeting, project control; Project mathematical models, critical chain approach; predictive and agile approaches; Project management Textbook(s): 1. Kerzner H, Project Management: A Systems Apprediction, Wiley (2022). 2. PMI, A Guide to the Project Management Body of Institute (2021). Reference(s): 1. Pinto J K, Project Management: Achieving Competed Projects: Planning, Analysis, Selections.