

BPM305 Project Scheduling and Control

Level: 3

Credit Units: 5 Credit Units

Language: ENGLISH

Presentation Pattern: EVERY JAN

Synopsis:

BPM305 Project Scheduling and Control teaches students to break down a BPM305 Project Scheduling and Control provides an insight into the break-down of a project into the different activities and cost components and estimate/determine their requirements on resources, time and costs. Undergraduates Students will also learn to prepare and control project schedules and budgets, taking into consideration the materials, labor and machinery outsourcing, manpower and management etc available and required. The students will also learn about the risks in scheduling in time estimating and team building and how they can be harnessed for a better performance.

Topics:

- Critical Path Analysis
- Resource Allocation
- Project Execution and Control
- Communication
- Project Risks
- Linear Scheduling
- Earned Value Analysis
- Planning softwares
- Multi-Project Management
- Case Study

Textbooks:

Erik W. Larson and Clifford F. Gray, 2017, 7th: Project Management – The Managerial Process (eTextbook) 7th McGraw Hill
ISBN-13: 9781307202243-AA

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Learning Outcome:

- Demonstrate understanding of project schedule and control
- Discuss the key factors for high performance project management
- Appraise earned value for a project
- Apply scheduling and control techniques to improve project processes
- Analyze the influences and needs of project stakeholders
- Organize resources for multiple projects

Assessment Strategies:

Continuous Assessment Component	Weightage (%)
TUTOR-MARKED ASSIGNMENT	10
TUTOR-MARKED ASSIGNMENT	20
Sub-Total	30

Examinable Component	Weightage (%)
Written Exam	70
Sub-Total	70

Weightage Total **100**