



PROJECT MANAGEMENT FOR MANAGERS

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INTENDED AUDIENCE : Students of B.Tech. M.Tech, PhD and working professionals

COURSE OUTLINE :

Project management is an essential skill-set for many careers and in many contexts in our lives. Project Management is an ideal starting point if you need to manage projects at work or at home, while not necessarily being a formally trained project manager. It is also suitable if you are considering undertaking a project in the near future and are seeking to learn and apply essential project management knowledge and skills.

ABOUT INSTRUCTOR :

Prof. M. K. Barua is an Associate Professor at Department of Management Studies, Indian Institute of Technology Roorkee. He is also seconded faculty Asian Institute of Technology (AIT) Bangkok and Defense Engineering College, FDRE's Metals and Engineering Corporation, Ethiopia. Also he is visiting faculty at IIM Sirmaur and IIM Rohtak. His research interest includes Operations management, project management and supply chain management. He has published more than 100 research papers in international journals of repute

COURSE PLAN :

- Week 1:** Project Management Fundamentals
- Week 2:** Project life cycle analysis
- Week 3:** Project selection methods
- Week 4:** Capital budgeting techniques
- Week 5:** Risk management
- Week 6:** Risk and technical analysis
- Week 7:** HRM issues in project management
- Week 8:** PERT and CPM
- Week 9:** Probability models in networks
- Week 10:** Crashing of networks
- Week 11:** Cost management and cost control
- Week 12:** Quality and procurement management