PROJECT MANAGEMENT FOR MANAGERS

PROF. MUKESH KUMAR BARUA
Department of Management Studies
IIT Roorkee

TYPE OF COURSE : Rerun| Elective | UG
COURSE DURATION : 12 weeks (26 Jul’21 - 15 Oct’21)
EXAM DATE : 24 Oct 2021

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:
Dr. 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 01 : Project Management Fundamentals
Week 02 : Project life cycle analysis
Week 03 : Project selection methods
Week 04 : Capital budgeting techniques
Week 05 : Risk management
Week 06 : Risk and technical analysis
Week 07 : HRM issues in project management
Week 08 : PERT and CPM
Week 09 : Probability models in networks
Week 10 : Crashing of networks
Week 11 : Cost management and cost control
Week 12 : Quality and procurement management