

Risk Management FDP for NEP 2020 Implementation

FDP Objectives:

- Understand why risk management is important in managing projects
- Learn a systematic project risk management process
- Leverage PMI's guidance on risk management throughout all phases of the project
- Understand the benefit of risk management at the front-end of project selection
- Learn from the PERIL Database about guidance in risk management
- Develop a framework to identify project scope (performance) risks
- Learn a framework to identify project schedule risks
- Develop a framework to identify project resource (budget) risks
- Learn how to manage project constraints and documenting risks
- Develop a method to quantify and analyze activity risks
- Learn to manage activity risks
- Develop a method to quantify and analyze project risks
- Learn how to monitor and control risky projects
- Develop importance of risk management during closing of projects
- Understand program, portfolio, and enterprise risk management
- Learn from the practical examples of the Panama Canal project

FDP Contents:

- **Sessions 1 to 7 (3 hours each, total 21 hours)**
 1. Introductions, FDP overview, Risk Management (RM) process
 2. Benefits of risk management in all phases of project
 3. Framework for Project Scope (Performance) and Schedule Risks
 4. Framework for Project Resource (Budget) Risks and Project Constraints
 5. Method to quantify, analyze, and manage Activity Risks
 6. Project Risk Management during Closing of Projects and Managing Risky Projects
 7. Importance of program, portfolio, and enterprise risk management
- **Session 8: Valedictory (1 hour)**

FDP Articles (Cases) and Projects:

- Five state-of-the-art Risk Management Articles (Cases) to read, discuss, and summarize in teams.
- Apply Risk Management principles and learnings in specific team projects to gain better understanding for planning and executing successful projects while managing risks from start to finish.

FDP Target Audience: Department Heads and Project Manager(s) of a Higher Education Institute (HEI) designated for NEP 2020 Implementation - 2-4 per HEI

FDP Class Size: Maximum up to 40 participants

FDP Mode of Delivery: Virtual (Online) and Canvas (LMS) for Assignments

FDP Learning Method:

Experiential Learning in a Collaborative way under the Guidance of Expert Faculties with Introspection and Reflection including Rigorous Assignments.

FDP Assignments:

Attendance – 4%, Four Articles Summary/Discussion – 36%, Team Project Report – 25%, Team Project Presentation – 25%, and Reflection Journal – 10%

(Distinction – 90% and above, Completion – 70% to 89%)

FDP Schedule (2021 Saturdays & Sundays, Time: 8:00 am – 11:00 am IST, Dates):
8, 14, 15, 21, 22, 28, 29 August, 2021 (3 hours each) and 4 September, 2021 (1 hour)

FDP Participation Fee per Person (inclusive of GST):

IUCEE Member – Rs. 12,500

IUCEE Non-Member – Rs. 15,000

FDP Registration with Payment Link:

<https://iucee.org/risk-management-fdp-for-nep-2020-implementation/>

FDP Registration and Timeline:

- **Registration with Fee Payment by 23 July, 2021**
- Team Formation by 27 July, 2021
- **Orientation Session on 1 August, 2021, FDP Duration:** 8 August to 4 September, 2021
- Valedictory Session on 4 September, 2021 (1 hour)

AICTE NEP Implementation Plan Op-ed by Dr. Manu Vora in SkillOutlook, 29th January, 2021:

<https://skilloutlook.com/education/aicte-nep-2020-implementation-plan-op-ed>

Risk Management FDP Distinguished Faculties



Dr. Manu Vora is Chairman/President of Business Excellence, Inc. with 46 years of leadership experience. For 28 years, taught Operations Management at business schools globally. He has delivered 1,150 presentations in 36 Countries across 5 Continents and published 70 scholarly articles. He gave two TEDx talks and has delivered a Soft Skills Program using technology to 680 colleges/universities globally benefitting over One Million people. He is a Fulbright Specialist by the U.S. Department of State. He has B.Tech. from IIT BHU in Chemical Engineering, M.S. and Ph.D. in Chemical Engineering from IIT Chicago, and an MBA from USA. As the President of Blind Foundation for India, his team raised over \$5 million to serve two million blind people in India. He has received 56 awards for his professional service and 35 awards for his community service.



Prof. Anil Kumar Agrawal is Professor of Mechanical Engineering Department at Indian Institute of Technology (BHU), Varanasi. He specializes in the field of Mechanical and Industrial Engineering. He has over 39 years of teaching experience and guided 34 B. Tech. projects, 47 M. Tech. projects, 62 M. Tech. theses, and 7 Ph.D. theses. He has published 8 books, wrote chapters in 15 books, published 39 International papers, and 25 National papers. He has delivered lecture at BHEL, HINDALCO, AOTS-Kathmandu, Doordarshan, and at various Engineering Colleges. He holds B. Tech. in Mechanical Engineering from Motilal Nehru Regional Engineering College, Allahabad (1979), M. Tech. in Industrial and Management Engineering from IIT Kanpur (1981), and Ph.D. in Industrial and Management Engineering from IIT Kanpur (1991). He is a Fellow of International Society for Productivity Enhancement, USA, 2012.



Prof. Krishna Vedula is the Founding Executive Director of IUCEE Foundation, India, Professor Emeritus of Chemical Engineering and former Dean Emeritus, Francis College of Engineering, University of Massachusetts Lowell, USA. IUCEE has the objective of improving quality and global relevance of engineering education in India and USA. Dr. Vedula is recognized globally for his contributions to engineering education, research, administration, and outreach. He is internationally recognized for his research in processing and properties of materials for high temperature applications. He is a Fellow of American Society for Metals (ASM) and the American Society for Engineering Education (ASEE). He has B. Tech. (IIT Bombay, 1967), M.S. (Drexel University, 1969) and Ph.D. (Michigan Tech University, 1980) degrees in Materials Engineering. He has over 30 years academic teaching and research experience in materials science and engineering as well as engineering administration at number of academic institutes in USA.