



भारतीय प्रबंध संस्थान रोहतक

INDIAN INSTITUTE OF MANAGEMENT ROHTAK

मैनेजमेंट सिटी, दक्षिण बायपास, NH 10, सुनारिया, रोहतक, हरियाणा, भारत-124010
Management City, Southern Bye Pass, NH 10, Sunaria, Rohtak, Haryana, India-124010

Sub - Welcome to the Online Executive Education Programme in Advanced Project Management Program.

Dear Participants,

Greetings from IIM Rohtak!

Indian Institute of Management Rohtak welcomes you to the 50-hour online course on 'Advanced Project Management Program'.

As scheduled, the programme will commence on 20th November, 2022 and will culminate on 09th April, 2023.

The programme has been designed by the experienced and learned faculty of IIM Rohtak with an objective to prepare participants to plan, organize, lead, participate, control, and improve projects that will benefit their organizations as well as society. After a background preparation, the program imparts essential knowledge of planning, executing and monitoring & controlling the project through MS Project software. We believe that this programme is going to take the participants through a unique learning experience in the coming weeks.

The Information brochure comprising programme objectives, day-wise session schedule and faculty profile is being shared with you.

We wish you a pleasant and fruitful interactive learning experience.

Best wishes,
IIM Rohtak



भारतीय प्रबंध संस्थान रोहतक Indian Institute of Management Rohtak

**Online Executive Education in Advanced
Project Management Program**

Executive Education

Faculty In-Charge(s)
Prof. Ashwani Kumar

Day-Wise Session schedule for e-MDP on Advance Project Management Batch 02

Timings 7:15 P.M-10:05 P.M

Session No.	Date	Session Topic	Faculty	Case Material & Reading
Module 1: Project Management Fundamentals				
1-2	Sunday, 20 November 2022	Introduction to case methods, Project Management Body of Knowledge (PMBOK). Alignment of the project selection with the strategy of the organization. Essential Project Manager toolkit.	Prof. Aditya Sahu	Expeditionary Fighting Vehicle
3-4	Sunday, 27 November 2022	Project Selection and portfolio Management + Hands on Exercise	Prof. Harshit Kr. Singh	Project Selection at Nova Western, Inc.
Module 2: Project Planning				
5-6	Sunday, 04 December 2022	Project Schedule Development. Hands on exercise through MS project software	Prof. Amol Singh	Case: The whistler Ski Resort Project
7-8	Sunday, 11 December 2022	Defining a Project: Development of Work BreakDown Structure. Project manager toolkit for the management of project scope. MS Project software to prepare WBS,	Prof. Anurag Tiwari	Case: Managing Hard Rock's Rockfest
9-10	Sunday, 018 December 2022	Development of a fast-tracking network. Hands on exercise through MS project software	Prof. Amol Singh	Case: The Cyclone Project
11-12	Sunday, 01 January 2023	Development of Critical chain schedule. Hands on exercise through MS project software	Prof. Amol Singh	A case study : Comparing critical chain project management with critical path
13-14	Sunday, 08 January 2023	Time cost trade-off by excel solver	Prof. Pramod C. Mane	Case: Time, cost and quality trade-off in project management: a case study
Module 3: Project Resource Management				
15-16	Sunday, 15 January 2023	Project resourcing: managing resource conflicts, trade-off between project penalty cost vs resource cost. Hands on exercise through MS project software	Prof. Amol Singh	To be supplied before the session
17-18	Sunday, 22 January 2023	Project risk Management through project simulation by Crystal Ball Software. Project Manager toolkit for managing project risk	Prof. Amol Singh	The Textile Mill (Faculty will share before the session)
Module 4: Project Management knowledge area				
19-20	Sunday, 29 January 2023	Development of Project Budget. Hands on exercise through MS project software	Prof. Pramod C. Mane	Web Article: Your agile project needs a budget, not an estimate.
21-22	Sunday, 05 February 2023	Project Quality Management. Project manager toolkit for managing project quality	Prof. Ashwani Kumar	Web Article : Using Quality function deployment (QFD) in the Design Phase of the Apartment Construction Project author Luiz Antônio Gargione
23-24	Sunday, 12 February 2023	Experience sharing for managing projects: Industry Experts	Mr. Asif Jasat (Industry expert)	Will share before the session
25-26	Sunday, 19 February 2023	Project stakeholder Management, Project Communication Management. Project manager toolkit for managing the stakeholder and communication.	Prof. Mahamaya Mohanty	Disciplining The Professional: The Case Of Project Management
Module 5: Project HR Management				
27-28	Sunday, 26 February 2023	Project Organization Structure, Leadership Style, Managing Conflicts	Prof. Rama Shankar Yadav	Meera Nair at PhoenixWay: Which Way to Go?
29-30	Sunday, 05 March 2023	Leading, Managing, Acquiring & Developing Project Teams	Prof. Rama Shankar Yadav	Training and development at BPOland
Module 6: Project Performance Measurement				
31-32	Sunday, 12 March 2023	Project Execution & Monitoring and control. Hands on exercise through MS project software	Prof. Peeyush Pandey	Case: Managing Hard Rock's Rockfest
33-34	Sunday, 19 March 2023	Development of procurement plan for managing projects	Prof. Peeyush Pandey	Chapter 12: Project Procurement Management (PMBOK), Video Case on Procurement

35-36	Sunday, 26 March 2023	Experience sharing for managing projects: Industry Experts	Dr. Abhishek Singh (Industry Expert)	Will share before the session
Module 7: Integrative project exercise				
37-38	Sunday, 02 April 2023	Integrative exercise: Project planning, Project execution, Project Monitoring & Control, & Report Generation.	Prof. Ashwani Kumar	Project Management exercises
39-40	Sunday, 09 April 2023	Integrative exercise: Project planning, Project Execution, Project Monitoring & Control, & Report Generation.	Prof. Ashwani Kumar	Project
<p>Note: 1. Each class will be of 2 hours 30 minutes duration (two sessions of 75 minutes each), * In case in campus sessions are possible, the dates for session 37-40 will be communicated well in advance. Otherwise, the last two sessions will be held as per given schedule.</p>				
<p>Note 2: Participants may please note that attendance and project participation are compulsory elements for completing the certification process. Attendance with video camera on is compulsory</p>				



Dr. Ashwani Kumar is a faculty in the area of Operations Management at Indian Institute of Management Rohtak. He has awarded doctorate in operations management from Department of Management Studies, IIT Roorkee, Roorkee, India. He was awarded MHRD fellowship for doctoral Program. He has completed Masters in Production and Industrial Engineering. He has five years of experience in academics. He has published more than 15 research papers in reputed journals and conferences encompassing A*/A in ABDC, SCI, SSCI, ABS, Scopus, and ESCI indices. He is also reviewer of many reputed journals.



Dr. Amol Singh is a faculty in the area of Operations Management at IIM Rohtak. Prior to this he worked with Institute of Management Technology Ghaziabad (IMT Ghaziabad). He did his Ph.D. in Industrial Engineering from Indian Institute of Technology, Roorkee in 2006. He received MHRD fellowship for full time Ph. D. Research work at IIT Roorkee. His teaching interests are Project Management, Project Planning & Control, Operations Management, and Quantitative Techniques. He has conducted several long duration e-MDP programmes on Project Management & Project Management with Microsoft Project and MDP programmes on Operations & Supply chain Management. He has published several research papers in International Journals and conferences. His research work appeared in International Journals like, International Journal of Project Management, Benchmarking an International Journal, Journal of Multi-criteria decision Analysis, Journal of Cleaner Production, International Journal of Integrated Supply Management, International Journal of Disaster Risk Reduction, Competitiveness Review, Journal of Purchasing and Supply Management, Journal of Modelling in Management, The International Journal of Advanced Manufacturing Technology Procedia Engineering, International Journal of Modelling in Operations Management, International Journal of Simulation Modelling, etc. and in International Conferences like POMS, MATADOR., DAAAM, SIMTECH etc.



Dr. Anurag Tiwari is a faculty in the area of Operations Management at Indian Institute of Management Rohtak. Before Joining IIM Rohtak, he has served as a faculty in Symbiosis Institute of Business Management at Symbiosis International University, Nagpur. He worked as a Post-Doctoral Fellow in Industrial Engineering and Management at Yuan Ze University, Taiwan. He did his Ph.D. in Information Management from Yuan Ze University Taiwan in 2016. He also has a B.Tech.in Electronics and Communication from Uttar Pradesh Technical University. His areas of research interest have been Supply Chain Management, Logistics Management, Optimization, Scheduling and Evolutionary Search Method. He has published articles in journals and conferences of international repute.



Dr. Aditya Kumar Sahu is an Assistant Professor in the Operations Management area at the Indian Institute of Management (IIM) Rohtak. He has finished his PhD in the area of Operations Management & Decision Sciences from IIM Kashipur. He completed his Master's degree in Industrial Engineering and Management from the Indian Institute of Technology (Indian School of Mines), Dhanbad in 2016. He also holds a Bachelor of Engineering degree in Electronics and Telecommunication engineering. He is passionate about deploying better operations inside the factory using effective tools and techniques to satisfy the customer's requirements. He has scholarly publications in various reputed international journals such as Production Planning & Control, Journal of Cleaner Production and Australasian Marketing Journal. He has also reviewed several articles for reputed journals.



Dr. Peeyush Pandey is a faculty in the area of Operations Management at Indian Institute of Management Rohtak. He has completed Fellow Program in Management (FPM) from the Indian Institute of Management Indore. Prior to his doctoral degree, Dr. Pandey has completed his M.Tech. in Industrial Management from Indian Institute of Technology, BHU, Varanasi. He holds a B.Tech degree in Computer Science from Krishna Institute of Engineering and Technology, Ghaziabad. His thesis work "Workforce scheduling in retail store: Models and solution approaches" deals with a largely unexamined topic on workforce scheduling and hence is expected to

contribute substantially to the field. His research articles, book chapters and case studies are published in many peer reviewed journals. Presently, his papers are under review in some of the top-rated journals. His papers have been accepted for presentation at various top rated international and national conferences like INFORMS, POMS, EUROMA, SOM etc. He was among the few participants all over the world who was offered grant from ELAVIO -2016, held in Cali, Columbia.



Dr. Rama Shankar Yadav is a faculty in the area of Human Resource Management at Indian Institute of Management Rohtak. He has completed Fellow Program in Management (FPM) from Indian Institute of Management Ahmedabad. He worked as an HR Manager with Tata Motors for two years before joining his doctoral studies. Prior to IIM Rohtak he was teaching at Banaras Hindu University, Varanasi. Dr. Yadav is also serving as an Associate Editor for Indian Journal of Human Relations and Indian Journal of Social Science Researches.



Dr. Mahamaya Mohanty is Assistant Professor in the area of Operations and Supply chain Management at Indian Institute of Management Rohtak. She has done her Ph.D. from Indian Institute of Technology Delhi, India. She was awarded MHRD fellowship for full-time doctoral Program at IIT Delhi. She has received her Master of Technology (M.Tech) degree in Computer Science and Information Technology from College of Engineering and Technology (CET), Bhubaneswar, Odisha and earned Bachelor of Engineering (B.E) in Information Technology from College of Engineering Bhubaneswar (CEB). She has 10 years of teaching and research experience, worked as a faculty of Computer Science and IT in various institutes in India, prior to her full-time Ph.D. from the Department of Management Studies, Indian Institute of Technology Delhi. She has expertise in a variety of fields such as artificial intelligence, data analytics, operations research, logistics management system, and multi-criteria decision making. Her research has appeared in various reputed international journals like Transportation Research Part D: Transport and Environment, Journal of Modelling in Management, Management of Environmental Quality: An International Journal, and Journal of Management Analytics. She has been certified by Consultancy Development Centre (CDC), An Autonomous Institution of DSIR, Ministry of Science and Technology Govt. of India as a Technical Consultant.



Dr. Harshit Kumar Singh holds a PhD from the Indian Institute of Management Ahmedabad in the area of Information Systems. Prior to joining his doctoral program, he has worked in the industry for three years as a Software Developer. He had completed his Bachelor's in Computer Science & Engineering from the National Institute of Technology Patna. His Ph.D. thesis investigates the challenges of large-scale adoption of work-from-home on organizations. His research interest includes IS competencies, motivational information systems with a focus on gamification and digital engagement. His teaching interests include Management Information System (MIS), Managing Software and Project Enterprises, Gamification Technology and Business, Data Structure and Algorithms and Theories of Information System.



Dr. Pramod Mane worked as an Assistant Professor and a Faculty, respectively, at the Indian Institute of Information Technology Dharwad and National Institute of Technology Raipur. He earned his PhD in Computer Science and Engineering from Indian Institute of Technology Indore. He holds an MTech in Information Technology from the National Institute of Technology, Durgapur. His area of interest is broadly at the intersection of Computer Science, Economics, and Social Science. His current research focuses on understanding the dynamics of strategic network formation in sharing economy.