

MEGAPROJECT LEADERSHIP AND GOVERNANCE: Capabilities for new infrastructure development

Overview

Megaprojects are set up to develop a range of infrastructure assets - roads, railways, airports, water supply networks, power plants etc. However they are beset with several challenges that often lead to delays, cost-overruns and impacts on quality and performance. These challenges can be overcome through the use of innovative coordination practices that align goals between diverse stakeholders, help anticipate and deal with changes in the future, and streamline efforts.

The course addresses these ideas and equips students with knowledge and mastery of, first, the megaproject lifecycle from inception of an idea through project planning and delivery to hand over to operations; and second, alternative governance and organisational structures through which work coordination gets achieved and decision-making power gets distributed in megaprojects. Students will also learn practical tools and conceptual framing useful to support the difficult judgement calls at the essence of exercising megaproject leadership and governance.

A number of case studies will be introduced and used as teaching material for the class. These cases will discuss ways in which infrastructure projects have been coordinated both in India and abroad. The development of infrastructure for the London Olympics, the London Crossrail project, the Delhi International Airport project and the Golden quadrilateral project are some of the cases that will be discussed along with reading material that elaborate on conceptual frameworks.

Dates for the Course	1st April, 2016 to 7th April, 2016
Host Institute	IIT Madras
No. of Credits	1
Maximum No. of Participants	25
You Should Attend If...	<ul style="list-style-type: none">▪ You work with the Government or in a Public Sector organization and are engaged in conceptualizing, tendering and managing infrastructure projects.▪ You work with a private consultant, developer or contractor and are engaged in advising on or developing large infrastructure projects.▪ You are a student or faculty from an academic institution specializing in civil engineering, engineering management, management, or development and are interested in learning how to manage large infrastructure projects.
Course Registration Fees	<p>The participation fees for taking the course is as follows: Student Participants: Rs.1000 Faculty Participants: Rs.3000 Government Research Organization Participants: Rs.3000 Industry Participants: Rs.5000</p> <p>The above fee is towards participation in the course and the course materials. The participants may be provided with hostel accommodation, depending on the availability, on payment basis.</p>

Course Faculty



Prof. Nuno Gil is Professor of New Infrastructure Development at the Manchester Business School, University of Manchester. He has 15 years of experience in researching and teaching on the leadership challenges endemic to large infrastructure developments 'so-called mega-projects' around the world. Nuno has worked or done research with various organizations including CH2M HILL and Intel (USA); Rolls Royce, BAA (now Heathrow Ltd), BP, Manchester City Council, Network Rail, London2012, Crossrail, High speed 2 (UK), and Thames Water (UK); L&T and DFCCIL (India), World Bank, JICA, Lamata (Nigeria), and Road Fund (Uganda).



Dr. Ashwin Mahalingam is Associate Professor in the Department of Civil Engineering at IIT-Madras. His interests are in the areas of project management of large, complex projects and Public Private Partnerships for Infrastructure development. He was worked or done research with ministries and government departments at both the state and central level, as well as with large private sponsors and developers.

Course Coordinator

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