

NIRMA UNIVERSITY
Institute of Management
Master of Business Administration (Full Time) Programme/
Integrated Bachelor of Business Administration-Master of Business
Administration Programme/
Master of Business Administration (Family Business &
Entrepreneurship) Programme

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Course Code	MFT5SEOQ05 MBM5SEOQ05 MFB5SEOQ03
Course Title	Infrastructure Management

Course Learning Outcomes (CLO):

At the end of the course, the students will be able to:

1. Define Infrastructure Management & Economy
2. Explain Public Private Partnership Models in practice and their financing landscape
3. Summarize Project Implementation in Infrastructure Sectors

Syllabus

Teaching Hours

Unit I: Introduction of Infrastructure Management <ul style="list-style-type: none"> • Introduction of Infrastructure Management • Infrastructure economics • Special Economic Zones 	03
Unit II: Public-Private Partnership <ul style="list-style-type: none"> • Concept of Public-Private Partnership • Risk analysis • Various implementation models • Social and Environmental aspects • Procuring Public Private Partnerships 	09
Unit III: Infrastructure Finance <ul style="list-style-type: none"> • Indian infrastructure financing landscape • Various financing instruments being used • Project level analysis • Infrastructure financing documentation 	09
Unit IV: Project Implementation (Indian and international cases) <ul style="list-style-type: none"> • Typical Project Cycle • Contract and Stakeholder Management • Legal issues and Dispute resolution 	09

Suggested Readings:

1. Public Private Partnership Projects in India: Compendium of Case Studies, GoI, Ministry of Finance, Department of Economic Affairs ([Link](#))
2. PPP Guide for Practitioners, GoI, Ministry of Finance, Department of Economic Affairs ([Link](#))
3. Aklekar, R. B., India's Railway Man: A Biography of E. Sreedharan, Rupa Publications India
4. Climate-Resilient Infrastructure: Adaptive Design and Risk Management, Committee on Adaptation to a Changing Climate (Author), Bilal M. Ayyub (Editor), American Society of Civil Engineers.

w.e.f. Academic Year 2019-20 and onwards