



Ministry of External Affairs
DPA II Division
ITEC COURSE PROPOSAL SUMMARY

GATI SHAKTI VISHWAVIDYALAYA

(A Central University under the Ministry of Railways, Government of India)

Lalbag, Vadodara, Gujarat 390004

1. Administrative details

Course Title	Infrastructure Project Management & PPP		
Stream	Engineering and Management		
ITEC Coordinator/ Course Director	Prof. Brajesh Kumar (Course Director) (Email: brajesh.kumar@gsv.ac.in, M: 9717497422) Dr. M. Krishna Chaitanya (Course Coordinator) (Email: krishna.chaitanya@gsv.ac.in, M: 9573391149)		
Course Duration:	from 15/12/2025 to 19/12/2025 ; 5 Days		
No. of days of training	5 days		
Accommodation	Type: Guest House	Distance from Campus: 50 mtr	within campus: 50 mtr
	Guest House at University Campus - Lalbag, Vadodara (Gujarat) - 390004		
Airport (nearest)	Location:	Vadodara	Distance from campus/ accommodation 10 kms
Batch Size	Minimum participation = 30		Maximum participation = 50
Study tour	Type of visit	Places to visit (with location)	No. of days
	Educational	Industry visit in Vadodara/ High-speed Rail at Ahmedabad	01

2. Training Schedule: A simple thematic/ day-wise schedule (topics covered) may be attached.

Infrastructure Project Management & PPP

About the Program:

India has significantly invested in large-scale infrastructure projects in roads, railways, airways, waterways, canals and pipelines and terminals such as airports, railway stations, bus stations, warehouses, trucking terminals. The infrastructure sector employs more than 33 million people, second only to agriculture. The country has witnessed a significant expansion in infrastructure during the last one decade. This includes execution of highly critical projects such as the Golden Quadrilateral national highway network, the Delhi Metro rapid transit system, and several public-private partnership airport projects in major metropolitan regions (including New Delhi, Mumbai, Bengaluru, and Hyderabad), Bharatmala, high-speed and semi-high-speed rail projects, dedicated freight corridors, rapid-transit metro railways across significant cities and airport modernisation etc. This program intends to discuss planning and execution challenges in large-scale infrastructure projects in India with a focus on Public Private Partnership (PPP) models. Large infrastructure projects have complex schedules, project constraints, budgets and associated risks. Delays in project execution also result in an increase in the costs needed to complete a project. It is extremely essential to address the intricacies involved in the planning, development, and financing of infrastructure projects. PPPs offer a win-win situation for India. They provide much-needed funding, improve infrastructure quality and efficiency, and accelerate development.

This executive training program intends to equip participants with the necessary knowledge and skills to effectively manage and execute large-scale projects in the country. This program will help the participants to gain insights into evaluating the financial viability of the projects and learn to assess their economic and social impacts. This program equips executives with the knowledge and skills to effectively manage infrastructure projects using Public-Private Partnerships (PPP) in India.

Target Audience:

- Project Managers in Infrastructure Development
- Government Officials involved in PPP Projects

- Private Sector Investors in Infrastructure
- Financial Professionals involved in Project Financing
- Legal Professionals involved in PPP Contracts

Learning Objectives:

- Develop and manage infrastructure projects using the PPP model
- Understand the legalities, financing, and risk management aspects of PPPs
- Evaluate project feasibility and conduct financial modelling
- Effectively manage stakeholder communication and project performance in PPPs
- Stay updated on the latest trends and best practices in Indian infrastructure PPPs

Delivery Method:

- Include interactive sessions, group discussions, and case study analysis throughout the program.
- Invite guest speakers from the government, financial institutions, and private sector to share real-world experiences.
- Offer a site visit to an ongoing PPP infrastructure project (if possible).
- Provide participants with course materials and post-program resources, including templates and frameworks.

Program Structure:

Date	Day	Session 1 10:30 – 11:45	Session 2 12:00 – 13:15	Session 3 14:30 – 15:45	Session 4 16:00 – 17:15
15/12	Monday	Infrastructure Projects: Types, Importance, and Challenges in India	Complexities and challenges in infrastructure projects in Railways, Highways, Airports, Ports, etc.	Public-Private Partnerships (PPPs): Definition, Rationale, and Benefits	Key Considerations for Selecting and Structuring a PPP Project
16/12	Tuesday	Project Feasibility Studies for Infrastructure Projects: Technical, Financial, Economic, and Environmental Considerations	Risk Identification, Assessment, and Mitigation Strategies in PPPs	Allocation of Risks between Public and Private Partners in Infrastructure Projects under PPP	Indian PPP Legal Framework (PPP Act, Model Concession Agreements)
17/12	Wednesday	Procurement Process for PPP Projects: Bidding, Selection, and Negotiation	Legal Structuring of PPP Contracts: Key Clauses and Considerations	Dispute Resolution Mechanisms in PPP Projects	Project Financing for PPPs: Sources of Funds and Risk Sharing Mechanisms
18/12	Thursday	Financial and Risk Management in PPP Projects	Project Lifecycle Management for PPP Projects (Planning, Execution, Operation)	Stakeholder Management and Communication Strategies in PPP Projects	Case Study Analysis: Successful and Challenging PPP Projects in India
19/12	Friday	Industry Visit			

Session Break Timings:

10:15 – 10:30 (Tea/Coffee Break)

13:15 – 14:30 (Lunch)

15:45 – 16:00 (Tea/Coffee Break)

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Submitted by
 (Sign and Stamp of Appropriate Authority of the Institute)