

Industrial, Infrastructure and Sustainable Project Preparation and Appraisal

5th June- 23rd June 2023 (3 weeks)

Rationale:

Prime Minister of India recently launched the 100-trillion PM Gati Shakti National Master Plan for Multi-modal Connectivity, which will provide integrated and seamless connectivity for movement of people, goods and services from one mode of transport to another. PM Gati Shakti plan will give a new direction to the development of modern infrastructure through planning, implementation and monitoring, besides cutting down on time and cost overruns of projects.

New investment is a necessary condition for economic growth; in fact, investment is needed just to maintain the current level of economic activity as the productive capacity of the economy is diminished by technological depreciation over time. In countries where investment resources are scarce, there is a particular need to take care of their allocation, and project study and planning are the key to efficient utilization of these resources. A well-executed plan is a road map to successful investment.

This programme has been designed to improve and update the knowledge of officials in the areas of industrial and infrastructure project preparation & appraisal techniques, and the decision-making process, which will lead to selection of sustainable and viable investment decisions.

Objectives:

This programme has been designed for three weeks to improve and update the knowledge of officials in the areas of industrial and infrastructure project preparation & appraisal techniques, and decision-making process, which will lead to selection of sustainable and viable investment decisions.

Target Group:

- Agencies working for sustainability
- Bankers, Financial Institutions Executives, Government Officials of Infrastructure Department
- Business mentors, counsellors, and trainers involved in grooming potential entrepreneurs.
- Professionals of business accelerators, business incubators and business development services providers.
- Angel Investors, Venture Capitalists, Bankers and Employees of Financial Institutions.

Course Content:

Module 1: Introductory & Foundational Concepts

Module 2: General Methodology to Formulate/Prepare Projects

- Economic Environment Analysis
- Technical Analysis
- Market Analysis
- Financial Analysis

Module 3: General Methodology to Appraise a Project

- Preparation of Accounting Tables
- Cash flows

- Cost of Capital
- Performance Indicators
- Viability Analysis

Module 4: Case Study: PM Gati Shakti Programme, Government of India

Module 5: Significance of Industrial & Infrastructure Projects and their special features for Project Preparation & Appraisal

Module 6: Sustainability of Industrial & Infrastructure Projects

- Social Cost Benefit Analysis
- Environment impact analysis

Industrial/Institutional Visits & Interactions

Benefits to participants:

1. Understanding the process of industrial and infrastructure project formulation and appraisal
2. Identifying data requirements and analyzing their suitability for project preparation and appraisal
3. Understanding the application of various tools and techniques used for project formulation and appraisal
4. Understanding the importance of environmental impact study and economic analysis on sustainability of industrial & infrastructure projects
5. Understanding of computer supported comprehensive appraisal, viability and sensitivity analyses through spread sheet