



भारत सरकार

रेल मंत्रालय

भारतीय रेल सिविल इंजीनियरिंग संस्थान, पुणे - 411 001

(आई एस ओ : 9001-2008 प्रमाणित भारतीय रेल का प्रथम केंद्रिक प्रशिक्षण संस्थान)

Government of India

Ministry of Railways



INDIAN RAILWAYS INSTITUTE OF CIVIL ENGINEERING, PUNE - 411 001

(Indian Railway's First ISO 9001-2008 Certified Centralized Training Institute)

No.2025/151/25406

Date-17/11/2025

CERTIFICATE OF APPRECIATION

This is to appreciate **Shri Santosh Desai**, Director, **Monarch Surveyors & Engineering Consultants Ltd.**, Pune, for delivering an excellent presentation on **Feasibility Study and Detailed Project Report (DPR) Preparation for Port Connectivity, New Lines, Gauge Conversion, and Doubling / 3rd / 4th Line Projects** in accordance with the latest **Railway Board Guidelines** during the *Special Course on Infrastructure Development for Gati Shakti Unit (GSU) officers and IRSE officers*.

The lecture covered a wide range of practical and technical aspects such as traffic surveys, traffic analysis, Calculation of EIRR, FIRR, alignment studies, preliminary engineering assessments, cost estimation, port connectivity requirements, and strategic planning for major railway infrastructure projects. The presentation was fully aligned with the latest **Railway Board Guideline No. – Proforma circulated vide Railway Board Letter No. 2022/W-I/Genl/DPR/Proforma dated 13.12.2023**.

The trainee officers participating in the course have greatly appreciated the clarity, technical depth, and practical orientation of your session. The real-life examples from ongoing and completed railway projects significantly enhanced their understanding of feasibility studies and DPR preparation methodologies.

We are pleased to place on record our appreciation for your valuable contribution to this specialised training program. Your continued support and cooperation with IRICEN greatly strengthen the capacity-building initiatives for Gati Shakti Unit officers.

Atul Deshpande
for Director General
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