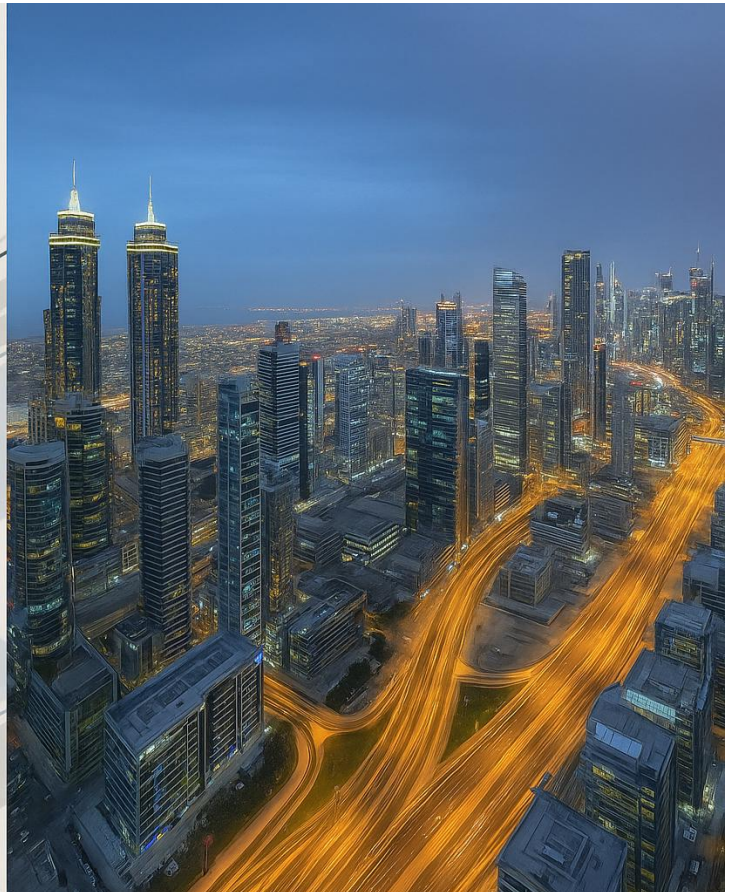


Punj Lloyd Institute of Infrastructure Management, ISB



Punj Lloyd Institute of Infrastructure Management (PLIIM) is established within the Indian School of Business as a specialist Institute to support its Infrastructure agenda. The Punj Lloyd Institute of Infrastructure Management seeks to help create top quality management capacity for the Infrastructure and Real Estate Sectors.

The Punj Lloyd Institute undertakes various initiatives to guide the infrastructure sector toward efficient and sustainable development through research initiatives, knowledge-sharing events, and training public officials and industry professionals. To meet its vision, the institute works closely with corporates in three verticals, Education, Outreach, and Research.

Impact Assessment

India's Infrastructure Journey: Progress, Challenges, and Global Aspirations

India stands at a pivotal juncture in its history, having overtaken China as the world's most populous country, with an estimated population of around 1.426 billion, according to the UN DESA Policy Brief Number 153 (UN DESA, 2023). This demographic shift underscores the urgent need for robust infrastructure capable of supporting a burgeoning population. The Government of India aims to achieve a net GDP of USD 7 trillion by 2030, driven by economic reforms, digital transformation, increased capital expenditure, and significant investments in infrastructure and manufacturing (Ministry of Finance, 2024).

Our upcoming book, India's Infrastructure Journey: Progress, Challenges, and Global Aspirations, captures this transformation and focuses on the following:

- 1) Evaluation of India's infrastructure sector performance over 13 years (2011–2023) across five key sub-sectors: Roadways & Highways, Railways, Real Estate, Airports, and Ports.
- 2) Review of over 200 journal articles to build a foundational understanding of sectoral developments.
- 3) Performance analysis using 13 key financial indicators, including Market Capitalization, Total Enterprise Value, Gross Profit, Total Revenue, Return on Equity, and Debt-to-Equity Ratio.
- 4) Benchmarking India's infrastructure performance against global economies using metrics such as railroad density, airport connectivity, and liner shipping connectivity.
- 5) Assessment of infrastructure quality using the Global Competitiveness Index and the Ease of Doing Business rankings.
- 6) Study of 1,115 companies (private, public, and government-owned) over 13 fiscal years.

The proposed book would also cover insights from sub-sector analysis on various financial parameters

- 1) Air Freight and Logistics
- 2) Airport Services
- 3) Cargo Ground Transportation
- 4) Coal and Consumable Fuels
- 5) Construction and Engineering
- 6) Diversified Real Estate Activities
- 7) Electric Utilities
- 8) Gas Utilities
- 9) Highways and Rail tracks
- 10) Independent Power Producers and Energy Traders

- 11) Marine Ports and Services
- 12) Marine Transportation
- 13) Passenger Airlines
- 14) Passenger Ground Transportation
- 15) Rail Transportation
- 16) Real Estate Development
- 17) Real Estate Operating and Management
- 18) Real Estate Services
- 19) Renewable Electricity
- 20) Water Utilities

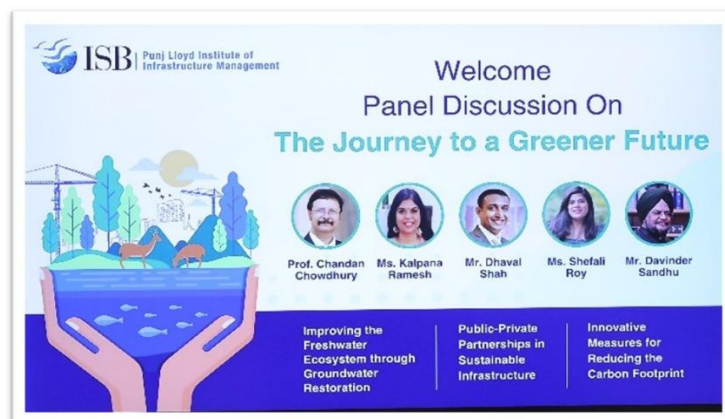
Through this book, we aim to offer actionable recommendations for policymakers to accelerate infrastructure development and enhance resource efficiency. We are currently in the final editing stage and will soon begin exploring publishing opportunities.

Capacity Building

Panel discussion, "The Journey to a Greener Future" on May 23, 2024

The panel discussion, "The Journey to a Greener Future," was held on Thursday, May 23, 2024, from 4:30 PM to 6:30 PM at the ISB Campus in Mohali. The event was led by Prof. Chandan Chowdhury, Practice Professor and Executive Director Munjal Institute for Global Manufacturing and Punj Lloyd Institute of Infrastructure Management

The panelists included Ms. Kalpana Ramesh, founder of KAAVA Design Studio; Mr. Dhaval Shah, Chief Growth Officer at Incorp Global; Mr. Davinder Sandhu, Co-founder and Chairman of Primus Partners; and Ms. Shefali Roy, Vice President at Thermogreen Cool Coat Pvt. Ltd. Col. Rajiv Bhargava set the stage with a brief speech explaining the significance of the panel discussion's theme. The keynote address was delivered by Mr. Davinder Sandhu. The panellists shared their insights interacting with Prof. Chandan. An interaction and Q&A session followed from 5:50 PM to 6:05 PM, after which Prof. Chandan Chowdhury and Ms. Archana Pillutla led a felicitation ceremony. Mr. Ashish Bhardwaj presented ISB's sustainability initiatives, and the Eco Paryavaran Group discussed the impact of green infrastructure. Prof. Pratap Sundar provided a brief explanation of biomimicry principles for sustainable infrastructure. The event concluded with remarks and a vote of thanks from Mr. Jitu Mishra, Chief Administrative Officer of ISB.



Technical Assistance

Memorandum of understanding between Punjab State Power Corporation Limited and Indian School of Business

This Memorandum of Understanding (MoU), signed on 6 September 2024, establishes a partnership between Punjab State Power Corporation Limited (PSPCL) and the Indian School of Business (ISB). The goal is to collaborate in areas like research, training, and knowledge sharing, with a focus on the power sector.

Key Points:

- Training Programs: ISB will design and conduct specialized programs to enhance the skills of PSPCL employees, utilizing real-world data provided by PSPCL.
- Joint Research: Both parties will work together on research projects related to renewable energy, grid management, and improving efficiency. PSPCL may also fund some of these initiatives.
- Knowledge Exchange: ISB will share its academic expertise, while PSPCL will provide insights and industry trends to enhance ISB's curriculum.

Distinguished Speakers



Speaker session by Mr. Davinder Sandhu, Co-founder and Chairman of Primus Partners

Topic: Five Steps for Infrastructure: Indian Context

Date: 1 May,2024



Speaker session by Mr. Piyush Srivastav

Topic: Leveraging Technology for Predictive Maintenance of Solar Assets

Date: 26 October,2024



Speaker Session by Mr. Bhavesh Kumar, "Managing Director, VIAS3D India"

Topic: Optimizing Infrastructure Integrity: A Divine into Digital Validation

Date: 26 October,2024