



The Institution of Engineers (India)  
BELAGAVI

## International Knowledge Sharing Session on the Role of Stainless Steel in Architecture, Building & Construction (ABC) and Water & Irrigation Sectors

In collaboration with the Public Works Department (PWD), Government of Karnataka

19<sup>th</sup> December 2024

Hotel Fairfield by Marriott, Belagavi (Belgaum), Karnataka

0900 – 1000 Hrs: **Registration and Welcome Tea**

1000 - 1100 Hrs: **Session 1**

### Inauguration and Knowledge Sessions

- **Welcome Address:** Opening remarks by *Mr. Rajamani Krishnamurti, President, ISSDA*
- **Opening address:**  
*Mr. P.K.Sarkar - ED, Salem Steel Plant, SAIL*  
*Mr. Rajeev Garg, Head Sales Distribution & Development, Jindal Stainless Ltd*
- **Thematic Presentation:** Overview of Stainless-Steel Applications in Infrastructure
  - Embracing Life Cycle Cost Analysis (LCCA): A Strategic Approach for Government Infrastructure and Projects by *Mr. Tim Collins, Secretary-General, WorldStainless*
- **Keynote Address:** *Dr. S. Selvakumar, Principal Secretary, PWD, Government of Karnataka*
- **Inaugural Speech:** *Sri. Satish Jarkiholi, Honourable PWD Minister, Government of Karnataka*
- **Vote of Thanks:** By *Mr. Rohit Kumar, Executive Director, ISSDA*

1100 - 1130 Hrs: *Tea Break*

1130 -1300 Hrs: **Session 2**

### Technical Insights into Stainless Steel Applications

**Chairperson:** *Mr. S F Patil, CEO, Karnataka State Highways Improvement Project & Vice President, Indian Road Congress*

- **Stainless Steel Structures**
  - Stainless Steel Road and Foot over Bridges - A Cost Effective and Corrosion Free solutions by *Mr. Omank Naithani, Regional Head, Jindal Stainless Limited*
  - World overview of Stainless Steel Structural solution for a maintenance free Infrastructures by *Dr. Graham Sussex, Consultant, Nickel Institute*
  - Planning, Warrants, Design, Bridge Life Cycle Cost Analysis of Stainless Steel Bridges with Case Studies by *Jindal Stainless Ltd*
- **Stainless Steel Reinforcement Bars**
  - Stainless Steel Reinforcement Bar for a Corrosion and Maintenance Free Civil structures by *Mr. Bose Christy Arun, Jindal Stainless Ltd*
  - Case studies showcasing success stories using stainless steel reinforcement in concrete structures in NHAI projects by *Mr. D.K. Gaur, CEO, Shyam Metals and Energy Ltd*
  - Application and Benefits of Stainless Steel Rebars into Coastal Railway Projects, Bridges on Rivers, Heavy Water Logging Walls by *Mr. Vinay Mishra, Synergy Steels Ltd*

- Stainless Steel Reinforcement - Applications Overview by *Mr. Tushar Patil, Section Head – Marketing, Sunflag Iron & Steel Ltd*

1330 - 1430 Hrs: Lunch Break

1430 – 1530 Hrs : **Session 3**

- **Stainless Steel for Management of Water**

- Stainless Steel Gates for irrigation and Flood management: A Long Lasting and maintenance free operation by *Mr. Devender Devgan, GM, Head Water applications, Jindal Stainless Ltd*
- Importance of Stainless Steel for water management Projects in India by *Consultant*
- Stainless Steel Service Lines: A Strategic Solution for Sustainable Asset Management - Taipei's journey in reducing water loss and repair cost by *Ms. Nicole Kinsman, Technical Director, IMOA*
- Stainless Steel Large Water Pipelines for transporting water: Worldwide experience and Indian perspective by *Mr. Amit Kumar Tyagi, DGM, Sales & Marketing, Sun Mark Stainless Pvt Ltd*

1530 – 1630 Hrs : **Session 4**

- **Stainless Steel for a Smart Cities**

- Stainless Steel Applications for Public Utility in a City Infrastructure by *Mr. Rohit Kumar, Executive Director, ISSDA*
- A sustainable approach for everlasting Architecture and Building and Construction for government and institutional building by *Mr. D Saravanan, GM (Product Development & T&S-SSP), Chennai*
- Stainless Steel for Safe & Sustainable Tunnelling by *Mr. Sandeep Singh, Head Strategic Business & Tunnel Infra - Jindal Stainless Steelway Ltd.*
- Role of Stainless Steel in Restoration and Protection of Heritage Buildings by *Mr. Nagendra Vijayvargia, Consultant, ISSDA*

1630 – 1730 Hrs : **Session 5**

- **Expert Panel Discussions**

**Panel Discussion on facilitating Stainless Steel Adoption in Infrastructure**

**Chairperson :** *Mr. S F Patil, CEO, Karnataka State Highways Improvement Project & Vice President, Indian Road Congress*

Members :

*Mr. Rajamani Krishnamurti , President, ISSDA*

*Mr. Krishnamurthy Kulkarni, Secretary, Water & Irrigation Department*

*Mr. P.K.Sarkar - ED, Salem Steel Plant, SAIL*

*Mr. Kundargi SY, Chairman, IEI, LC Belagavi*

*Mr. Vanka Shivramakrishna, Vice President, Jindal Stainless Ltd*

*Mr. D K Gaur, CEO, Shyam Metalics and Energy Ltd*

*Mr. Abhishek Madan, International Marketing, Synergy Steels Ltd*

**Agenda :**

- Bridging the gap between industry and end-users to enhance stainless steel adoption in infrastructure.
- Regulatory considerations, policy suggestions, and budget optimization
- Government's vision for sustainable and long-lasting infrastructure.
- Industry Readiness, Support and training initiatives for successful execution of projects
- Training and capacity-building programs for engineers and procurement officials.

1730 - 1745 Hrs : **Closing Remarks**

- By representatives from PWD and ISSDA, outlining key agreements and future steps
- 1745 - 1800 Hrs : Tea Break 1800 Hrs Onwards – Stage Performance and Musical Show followed by Cocktails & Networking Dinner