

Seminar on  
**“Stainless Steel for Smart Cities and Sustainable Buildings & Infrastructure”**

7th December 2018.  
 Hotel Novotel, Ahmedabad  
 Tentative Programme

9:00 AM – 10:00 AM	<b>Registration and Tea</b>
10:00 AM – 12:00 NOON	<b>Inaugural Session</b> <ul style="list-style-type: none"> <li>● Lighting of Lamp :</li> <li>● Welcome address : <b>K K Pahuja</b>, President, ISSDA</li> <li>● Opening Address : <b>Aashish Sanghvi</b>, Director, Raajratna Ventures Ltd</li> <li>● Keynote Address : <b>Sanjeev Kumar Lohia</b>, MD &amp; CEO, Indian Railways Stations Development Corporation</li> <li>● Inaugural Address : <b>Mukesh Puri</b>, Principal Secretary, Urban Development and Urban Housing Department, Govt of Gujarat*</li> <li>● Theme Presentation : <b>Catherine Houska</b>, Nickel Institute</li> </ul>
12:00 NOON - 12:15 PM	<b>Tea Break</b>
12:15 PM - 01:30 PM	<b>Technical Session 1 - “Stainless Steel for Smart Cities”</b> <ul style="list-style-type: none"> <li>● Stainless Steel for Urban Infrastructure – <b>Kenny Lim</b>, Director -Asia Pacific, Stainless Structural Asia Pte Ltd</li> <li>● Sustainable Transit Building Systems in Stainless Steel– <b>Bimal Kachroo</b>, Architect and Urban Planner</li> <li>● Stainless Steel Addressing Water Supply Challenges – <b>Dr. David Nicholas</b>, Nickel Institute</li> <li>● Stainless Steel for Waste Recycling and Improving Sanitation</li> </ul> Q & A
01:30 PM – 02:30 PM	<b>Lunch</b>
02:30 PM – 04:00 PM	<b>Technical Session 2 : “Stainless Steel for Sustainable Infrastructure”</b> <ul style="list-style-type: none"> <li>● Structural Solutions in Stainless Steel – Case Studies – <b>Pankaj Sahu</b>, Raajratna Ventures Ltd.</li> <li>● Stainless Steel – A Cost Effective Solution – <b>Nagarajan P &amp; Sandeep Kumar</b>, Jindal Stainless Limited</li> <li>● SS reinforcement Bars for maintenance free and long life of Bridges and Buildings</li> <li>● Stainless Steel for Fencing Solutions -</li> <li>● Restoration and Protection of Heritage Buildings - <b>Rohit Kumar</b>, Indian Stainless Steel Development Association</li> </ul> Q & A
04:00 PM – 04:05 PM	<b>Vote of Thanks</b>
04:35 PM onwards	<b>High Tea</b>

\*Invited



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“Supported by Raajratna Ventures Ltd.”





## ABOUT THE SEMINAR

Stainless Steel is just over 100 years old alloy and therefore, a relatively younger metal. Its usage has grown manifolds in last few decades ranging from kitchenware & appliances to Railways, Process Industries, Food & Beverage, Water management, Oil & Gas, and so on. Lately, with the thrust on Smart City projects and urban infrastructure throughout the country, and priority assigned to “Sustainable growth with Life Cycle costing, global warming and carbon footprint”, the role of Stainless Steel is increasing day by day in Building and Construction. Stainless Steel not only has aesthetic appearance but is also having better strength to hold the structures in adverse conditions, such as earthquake and fire. It has lesser Carbon footprint and supports long term sustainable solutions across diverse applications .

ISSDA and Nickel Institute, supported by Raajratna Ventures Ltd., is organizing a full day National Seminar on “Stainless Steel for Smart cities and Sustainable Building Solution” on 7th December 2018 at Hotel NOVOTEL, Ahmedabad. The seminar focuses on the how Stainless Steel can help make cities smarter and how Stainless Steel can help in giving a Sustainable Solution in making a long lasting and cost-effective Infrastructure.

It is our endeavor to make the seminar productive for all the participants from Architects, Urban Planners, Designers, Structure Engineers, Government and Industry for exchange of technical information. At the end of the seminar, the participants shall have a broad overview of the seminar topics and applications in their respective areas.

## ABOUT NICKEL INSTITUTE

Nickel Institute (NI) is the global association of leading primary nickel producers. Their mission is to promote and support the use of Nickel in appropriate applications. NI grows and supports markets for new and existing nickel applications, including stainless steel; and promotes sound science, risk management, and socio-economic benefit as the basis for public policy and regulation. Through their science division NiPERA Inc. (www.nipera.org), they also undertake leading edge scientific research relevant to human health and the environment. NI is the centre of excellence for information on nickel and nickel-containing materials and has offices in Asia, Europe and North America.

NI works with other international metals associations and stainless steel development associations to develop and promote the safe use of nickel around the world. They pursue market development through a worldwide network of highly qualified specialists.

They share their knowledge, offering free technical knowledge about nickel, its properties and uses to ensure optimum performance, safe handling and use and promote the long term use of nickel to contribute to a sustainable future.


## ABOUT ISSDA

ISSDA is the unifying point for the growth and development of stainless steel usage in India. Founded in 1989 by leading stainless steel producers, it was formed with the explicit objective of diversifying the applications of stainless steel in India and increasing usage volumes in the country. At the point of formation of ISSDA, the main visible application in daily life was essentially household kitchenware. As a result of continuous industry effort, the stainless steel usage is expanding rapidly in different segments. ISSDA has a membership of about 170 companies engaged in the stainless steel business, sharing the common objectives.

We firmly believe that in the Architectural Building and Construction (ABC) sector, we have only initiated the curiosity for stainless steel. Much bigger potential are possible. This will be through the route of taking stainless steel ABC applications to tier II cities which are flourishing, but little stainless steel is used in this sector. There are several hundred cities looking forward for this aspirational product to reach them. Stainless Steel Rebar for construction in corrosive marine & saline environment is another promising area.

Newer sectors like household plumbing in thin-walled stainless steel and the water industry as a whole (potable water treatment, waste water treatment plants, large-dia pipes for carrying water), reinforcement bar for concrete, etc., wait to be explored to achieve larger objective of reducing corrosion and sustainable growth.

## ABOUT RAAJRATNA

 a unit of Raajratna Ventures Limited, an 'ISO 9001:2015, ISO 14001:2015, BS OHSAS 18001:2007' accredited company, started the production of stainless steel square & rectangular hollow sections in the year 2010. Since its beginning Raaj Tubes is using the technology with the team of highly skilled technicians and qualified professional who utilize their expertise and contribute to our success in a significant manner.

Our Infrastructure is well equipped to meet our production commitment on time having production capacity of 8400 mt/ annum which includes Domestic & International market as well.

Every Product manufactured by Raaj Tubes has been designed to the highest standards, using the best quality material and excellent craftsmanship, we are extremely proud of the quality and craftsmanship.

Each stage of the production process is stringently monitored by a team of quality control experts and the raw materials are being used from reliable sources. The dimensional attributes & the performance of the finished products are checked in the in-house testing laboratory before they are certified as “Ready for dispatch” by our professionals.

As a result of continuous improvement in every aspect within a short span, today Raaj Tubes has a name in the world of Stainless Steel Structural Tubes.

## ABOUT AHMEDABAD

Ahmedabad, also known as Amdavad, is the largest city and former capital of the Indian state of Gujarat. Ahmedabad is located on the banks of the Sabarmati River, 30 km from the state capital Gandhinagar. Ahmedabad has emerged as an important economic and industrial hub in India. The effects of liberalisation of the Indian economy have energised the city's economy towards tertiary sector activities such as commerce, communication and construction. Ahmedabad's increasing population has resulted in an increase in the construction and housing industries resulting in recent development of skyscrapers. Ahmedabad has been selected as one of the hundred Indian cities to be developed as a smart city under Government of India's flagship Smart Cities Mission. In July 2017, the Historic City of Ahmadabad or Old Ahmadabad, was declared as India's first UNESCO World Heritage City. During December, the average maximum temperature is 30 °C (86 °F), the average minimum is 13 °C (55 °F), and the climate is extremely dry with average 50% humidity.

## REGISTRATION

All the participants are required to register with the registration details by sending e-mail to: [nissda@gmail.com](mailto:nissda@gmail.com)

1. Name & Designation : .....
2. Organization & Address: .....
3. Contact details:
  - a) Email: .....
  - b) Phone No: .....

Registration is free and is on first come first serve basis

RSVP  
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