

POST SHOW REPORT

ONLY DESTINATION OF STEEL EXPERTS

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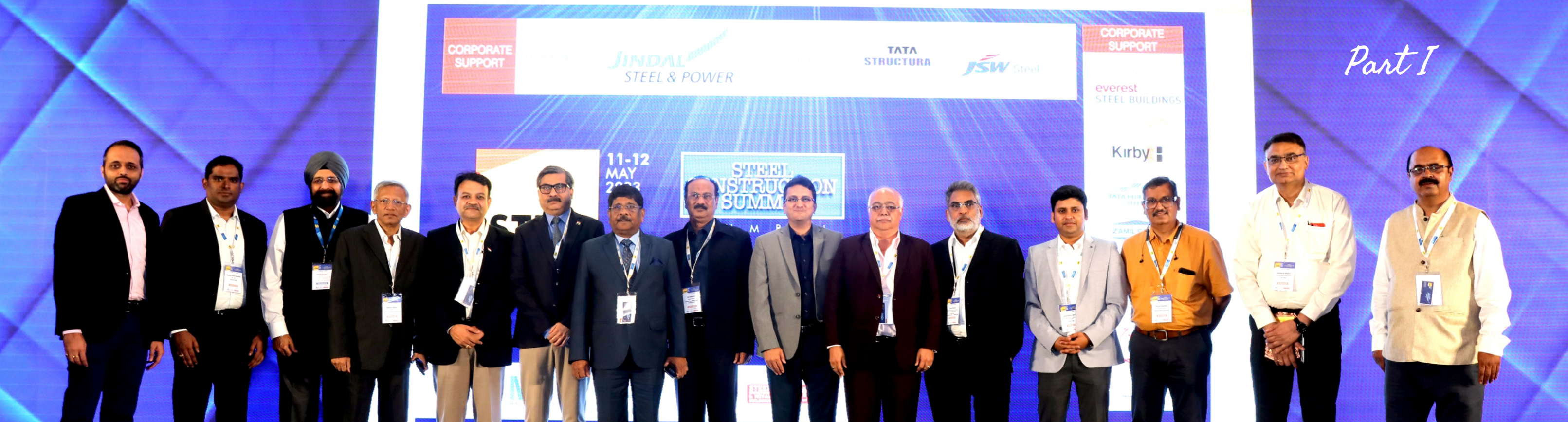
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LET'S SHARE AND CELEBRATE THE ACHIEVEMENTS OF OUR STEEL CONSTRUCTION INDUSTRY



Part I

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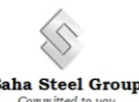
GOLD



SILVER



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CELEBRATING



11th
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MAY
2023



Steel Day is the annual mega-gathering of prominent industry professionals organized by MX Business Network in association with ISCC and SSMB Magazine. Steel Day 2023 surpassed the previous years' successes and set a new standard. Industry professionals from across the globe converge to share their experiences and exchange knowledge.

Post-Show Report





Day 1: Inauguration

To kick off the two-day power-packed conference, **Mr. Amit Shah**, Director, DCS Consultants, Co-chairman of Expert Committee of Steel Day 2023, started with his address followed by **Mr. Girish Dravid**, Director of Sterling Engineering Consultants and the Chairman of the Expert Committee of the Experts Construction Council (ISCC).

Keynote addresses were given by **Mr. Siddharth Mishra**, Chief of Marketing & Sales Tubes, Tata Steel, **Mr. Abhijit Shah**, MD, Walter P Moore and **Dr. Francis Archer**, Project Director, Arup (India).

The inaugural session was wrapped up with a vote of thanks by **Mr. Avneet Singh**, Editor-in-Chief, MX Business Network.



Girish Dravid



Siddharth Mishra



Dr. Francis Archer



Amit Shah



Abhijit Shah



Avneet Singh



Day 1: Track I: Building & Infrastructure

Session I: Super 7

The first session of Track I was Super & where each presenter got seven minutes to showcase their out-of-the-box project.

The chairman of the session was **Mr. Anand Basal**, Construction Industry Expert and the keynote address was given by **Mr. Aniruddh Ulabhaje**, Head of Business Development from JSW Steel Limited.

The first presentation was by **Mr. Shekhar Thete**, GM - Sales & Marketing, Jindal Steel & Power Ltd. on the topic of Building the Nation of Our Dreams. He began with a brief introduction of JSPL and went on to talk about its extensive product range. He further discussed the Advantages of Steel Structures and how there can be saving in steel consumption in any project by using high-strength steel. He also presented fire-resistant buildings and fireproofing steel structures. He concluded his presentation by discussing JSP's fire-resistant steel in detail.

The next presentation was on Conventional & Cultural Complex, Prayagraj by **Renu Khanna**, Principal Architect, Renu Khanna & Associates. Ms. Khanna began with a self-introduction and an impressive list of awards their structures have received and their steel-based structures to date. She delved into a detailed description of the project in discussion and how it stands tall, changing the skyline of the city.

The next presenter of the session was **Mr. Amit Kumar Santra**, Head BD (Structura), Tubes SBU, Tata Steel Ltd. He began his presentation with an introduction to the innovative products of Tata Structura. He then presented an impressive list of structures of national importance linked to the company, including government projects, buildings, statues, airports and railway stations. He then discussed in detail about the importance of high-grade structural tubes, its evolving application in different sectors like defense, data centers, mega industrial projects, modular construction for healthcare and commercial space, etc. He concluded the presentation with Tata Structura special structures.



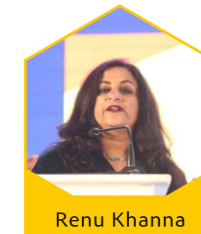
Anand Basal



Aniruddh Ulabhaje



Shekhar Thete



Renu Khanna



Amit Kumar Santra



Anand Shah



Shrini Menon



Rahul Jain

The next presentation was by **Mr. Anand Shah**, Founding Director, DELF Consulting Engineers India Pvt Ltd on the topic The Auditorium at Vidut Bhavan 3, Patna. He discussed the project and how it stands out. The details can be read further in the article in this very issue of the magazine.

The next topic of presentation was on Innovative Product on QuadCore Insulation by **Mr. Shrini Menon**, RSM BD & Key Accounts, Kingspan Jindal Pvt. Ltd.

The next presentation was by **Mr. Rahul Jain**, Principal Architect, RJDL on Café Infinity. He presented the unique café made with a shipping container. He discussed in detail how the café was designed and the advantages of shipping containers. He also discussed the design concept, the planning, the passive design techniques, structural details, etc. he also discussed his other unique projects.



Session II: Technical Presentation

The Session Chairman of the Technical Presentation session was **Mr. Sunil Godbole**, Director, CBRE.

The first presenter of the session was **Mr. Raman Sapru**, Director Design & Engineering, K Raheja Corp Pvt Ltd speaking on CIGNUS. He began with the difference between onsite and offsite construction and the advantages of steel. He then went on to discuss the CIGNUS project in detail, including the project lifecycle, why steel was the choice of material, site logistics, etc.

The next presenter was **Manoj Bhutani**, DGM - BD, Jindal Stainless Limited, who delved deep into stainless steel, how it is made, its applications, need, etc. He then explained how corrosion can cause a huge impact, especially in infrastructure and then went on to present how stainless steel can solve such issues. He concluded his presentation with their product details, Indian initiatives, technical details of their association with Indian Railways etc.

He was followed by **Mr. Bal Kulkarni**, MD, Delcons Consultant Pvt. Ltd. Mr. Kulkarni presented on the project of a clubhouse with detailed structural nitty-gritty, drawings and pictures. Solution Sales, Tata BlueScope Steel.



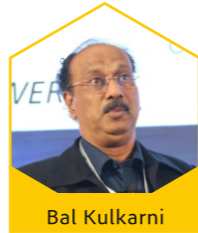
Sunil Godbole



Raman Sapru



Manoj Bhutani



Bal Kulkarni



Session III: Technical Presentation



Girish Dravid



Deepak Bashetty



Piyush Kapadia



Hiten Mahimtura



Tejaswini Pandit



Randeep Banerjee

After lunch break, the Technical presentations continued with **Mr. Girish Dravid**, Director of Sterling Engineering Consultants and the Chairman of the Expert Committee of the Experts Committee for the Indian Steel Construction Council (ISCC) as the session chairman.

Mr. Deepak Bashetty, Head Structures, KMP Design Services Pvt Ltd presented on the Mankind Pharma Headquarters. He gave a detailed presentation on the analysis of the structures with the help of 3D drawings, sketches and pictures.

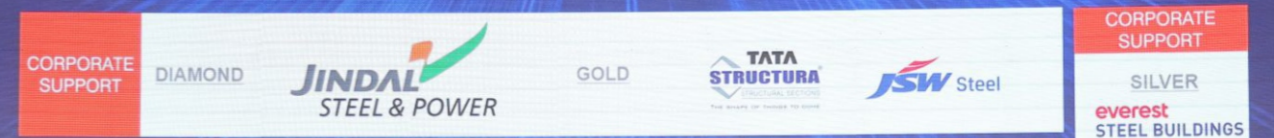
The next presenter was **Mr. Piyush Kapadia**, Principal Architect, Pooja & Piyush Architects speaking on the topic of Residential Projects Using Steel. He did a very interesting presentation with the help of a timelapse video of the entire construction process of a steel building.

The next topic of presentation was on the proposed Science Park at Nerul by **Mr. Hiten Mahimtura**, MD, Mahimtura Consultants Pvt. Ltd. and **Tejaswini Pandit**, Associate Director, Hiten Sethi Architects, they discussed the project in detail with the help of a 3D rendered video of the proposed structure. He described the design approach by analyzing 3D images and architectural drawings.

The session wound up with a presentation by **Mr. Randeep Banerjee**, Head West Region- Solution Sales, Tata BlueScope Steel.

EXPERTS

LET'S SHARE AND CELEBRATE THE ACHIEVEMENTS OF OUR STEEL CONSTRUCTION INDUSTRY



Session IV: Panel Discussion

Here is what the moderator of the session, **Mr. Sunil Godbole**, Director, CBRE, has to say about the session:

"There are so many misconceptions and fears about structural steel projects; even the construction experts tend to compare structural steel projects with RCC projects. This panel discussion was conducted to deliberate the factors which help in delivering successful steel projects. For this purpose, we handpicked expert panel members very carefully who have tons of experience in delivering structural steel projects. The idea behind this panel discussion was also to formalize a framework covering basic attributes which must be examined to ensure that the structural steel project is delivered successfully. During the entire lifecycle of the steel projects, we must go through various phases like design, steel manufacturing, fabrication, erection, project closeout and handing over the project to a facility management team for operations. The expert panelists we chose are from manufacturing, design and construction background.

During the panel discussion various attributes like availability of steel products and their components, fire resistance of steel, speed, cost, quality, scale, sustainability, use of AI in steel construction, floor space efficiency, aesthetics, column-free floor plates, diagrid systems, availability of skilled manpower and many other attributes were discussed in detail. By the end of the panel discussion, it was concluded that along with the above-mentioned attributes, the collaboration of all stakeholders is also one of the important attributes which help in successful project delivery.

I am grateful to all the panelists for accepting our request to join this panel discussion. Without their active involvement, it would not have been possible to have an engaging session like this. I am also thankful to SSMB, SCS & Steel Expert Committee for giving me the honor to moderate this interesting session."

Topic: The Success Mantra- Structural Steel Projects

The last session of Day1, Track 1 was a knowledge gathering and exchange session with the leaders of the construction industry.

Moderator of the session
Sunil Godbole, Director, CBRE,

The esteemed panelists of the session were:

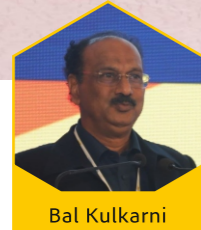
- **Atul Shah**, Founder & Principal, Access Architects
- **K. Surya Prakash**, Head EDRC, Public Spaces, Airports & Factories SBG, L&T Construction
- **Hiten Mahimtura**, MD, Mahimtura Consultants Pvt. Ltd.
- **Kalyan Chakrawarthy**, GM- TISS, Phoenix Group
- **Kapil Modi**, Executive Plant Head- Kapoli, Tata Steel
- **Subrat Panda**, VP & BU Head, Jindal Steel & Power Ltd.



Day 1: Track II: Warehouse, Industrial & Special Structures



STEEL DAY 2023 Post-Show Report - Part II



Bal Kulkarni



Umesh Rajshirke



Mahesh Kadam



CS Raghuram

The first technical presentation of Track 2 of Day 1 had **Mr. Bal Kulkarni**, MD, Delcons Consultant Pvt. Ltd. as the session chairman.

The first presenter of the session was **Mr. Umesh Rajshirke**, MD, Spectrum Techno Consultants Pvt Ltd., presenting on the topic of Innovative Use Of Structural Steel In Infra Projects In Mumbai. He began with the advantages of structural steel. With the help of structural drawings and project pictures, went on to do a detailed discussion on the case studies of the Santacruz Chembur Link Road, Sewri – Worli Elevated Corridor, Metro lines 2A, 2B, 6 and the Mahalaxmi Cable Stayed Bridge of Mumbai.

The next presenter was **Mr. Mahesh Kadam**, GM - Construction, Kirby Building Systems & Structures India Pvt Ltd who presented a Project Case Study of Ms Gas Point Petroleum India Ltd, Nagpur. He delved deep into the structural analysis of the structural details with the help of structural drawings, step-by-step construction pictures, floor plans and Tekla models.

The last presentation of the session was by **Mr. CS Raghuram**, Partner, Trilogue Studio LLP on the topic of Managing Sustainable Design Initiatives In Pre-engineered Buildings. He began by talking about putting design and construction at the heart of climate change action. He went on to list the current challenges faced, the goal of achieving zero carbon emission by 2050 and ended with a detailed case study of a project with the help of 3D images, structural drawings and plans, charts and numbers.



Day 1: Track 2: Warehouse, Industrial & Special Structures



The session chairman of Super 7 of Track 2 was **Mr. Shekhar Ghate**, Director, Optimal Consultancy Services Pvt Ltd.



Shekhar Ghate



The first speaker of the session was **Mr. Prashant Deshmukh**, Principal Architect, Prashant Deshmukh & Associates. He presented on Railway station buildings Dehu Road. He started with a brief self-introduction and went on to introduce the project. He then listed the challenges of the project and went on to explain the masterplan and the detailed plan with the help of sketches and 3D floor plans and drawings. He ended his presentation with why steel was the best choice of material for the project.



Prashant Deshmukh



Prasad V Bhat



Badruddin S

The next presentation was by **Mr. Prasad V Bhat**, CMD, Thermopac Process Engineers LLP. He made a very informative presentation on steel structure refineries with the help of pictures and 3D drawings, concept designs and plans.

The next presentation was on How to choose the right mineral wool for insulation by **Mr. Badruddin Sudanwala**, Head India- BD of Roxul Rockwool Technical Insulation India Pvt. Ltd. He began with an introduction to the company and the solutions they provide. He went on to describe how to choose insulation, strength of stone and about fire resilience with the help of photos and videos.



Phillippe M



Sushant Goel



Amit Sharma

The next presenter was **Mr. Phillippe Madhuranath**, Director, Nikitha Buildtech Pvt Ltd. He presented on the megaproject of Samsung Electronics in Chennai. His presentation was backed up by photos, 3D sketches and drawings and videos of various phases of the project and fabrication process of the PEB structures.

The next presentation was on the Bharat Vandana Park in New Delhi by **Mr. Sushant Goel**, Director, Eckersley O'Callaghan India Pvt. Ltd. He began with a short company preview. He went on to give a detailed description of the project including the signature elements and the designs of the steel footbridge with the help of step-by-step 3D drawings and sketches of the plan. He then went on to details of the parametric design, system detail etc. of the steel structure of the project.

The last presentation of the session was by **Mr. Amit Sharma**, Principal Architect, Axiom India on the structure of Agni in Jamshedpur. He started with the symbolic meaning behind the steel structure and explained the notion behind it. He then gave a description of the design development stages with the help of drawings and pictures. He went on to give details of the structural aspects again with the help of sketches and 3D drawings of the structure at various stages and concluded with the finished structure's images.





Track II: Warehouse, Industrial & Special Structures

After a lunch break, the technical session was chair-manned by **Mr. Amit Shah**, Director DCS Consultants, Co-chairman of the expert committee, Steel Day 2023.

The first presentation of the session was on Airport Terminal Buildings by **Mr. Anish Kundu**, DGM, Engineers India Ltd. He began with the project brief, followed by the challenges of the project. What followed was an explanation of why steel was the ideal choice of material for the project. He then went on to explain the design philosophy, the local architecture, the design approach, the site plan, salient features of the project and other details with the help of videos, pictures, floor plans, 3D drawings and sketches.

The next presentation was by **Mr. Rohan Rastogi**, BD Lead- India, Egis India on Raurkela Hockey Stadium. He made a very detailed presentation on the Guinness Book of World Records holding Birsa Munda Hockey Stadium. This project was later published as the cover story of the June issue of our SSMB Magazine.

The next presentation was on India's tallest bungee jumping tower at Rishikesh by **Dr. Abhay Gupta**, Director, Skeleton Consultants Pvt Ltd and **Ms. Khushbu Davda**, Co-founder, Studio Emergence. They delved deep into the details of the project with the help of pictures, drawings, and 3D sketches and plans of the project.

Mr. Dinesh Bhaud, General Manager, Sterling Engineering Consultants Pvt Ltd gave the next presentation on the Jio Cultural Center. He began by listing the significance of the project and went on to give details of the Grand Theater with the help of 3D drawings along with the concept behind the design and plan of the theater box with the help of a detailed floor plan. He dived into a detailed explanation of the other aspects of the project with the help of technical drawings and plans.

The next presentation was by **Mr. Nilesh Baburao Salunkhe**, Senior Manager, Designs & Engineering, Everest Industries. His was a very technically enriched and detailed presentation that served as the perfect ending to the technical session of Track II.



Amit Shah



Anish Kundu



Rohan Rastogi



Dr. Abhay Gupta



Session IV: Panel Discussion: Technology Transforming Steel Design & Construction



Abhijit Shah



Francis Archer



Kapil Sharma



Siddharth Soni



Seeja Sudhakaran

The last session of Track II of Day 1 ended with a knowledge-packed exchange of expert opinions on the topic of Technology Transforming Steel Design & Construction. The panel was moderated by **Mr. Abhijit Shah**, *Managing Director, Walter P Moore*. The esteemed panelists comprised of the crème-de-la-crème of the industry, namely, **Mr. Francis Archer**, *Project Director, Arup*, **Mr. Kapil Sharma**, *Aviation Head, Egis India Consulting Engineers Pvt Ltd*, **Mr. Siddharth Soni**, *Principal, Populous India* and **Ms. Seeja Sudhakaran**, *Co-founder, Studio Emergence*.



FUTURE CONSIDERATIONS

The success of the Steel Construction Expo 2022 suggests the potential for future editions. The organising body will continue to foster industry growth and collaboration. Cometh 2023, the expo gets bigger and grander, this time around in the shores of Mumbai, the financial hub of many businesses.

see you at



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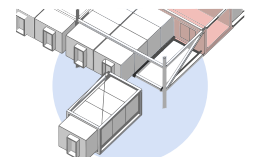
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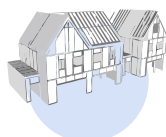
7 - F O C U S S E D P A V I L I O N S



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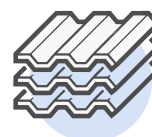
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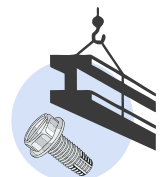
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