

Workshop on “Design, Construction and Maintenance of Steel Bridges”

Subject	Download Link
Complete Presentation of Workshop	Workshop-Steel Bridges.zip

Session-wise Presentation

Subject	Download Link
Keynote Lecture – Sustainable Usage of Steel in Bridges: Mr A Ghoshal	A Goshala-Sustainable Usage of Steel in Bridges.pdf
Session-1: Analysis & Design <ul style="list-style-type: none"> An Overview of Structural Analysis Methods for Steel Bridges: Dr Harshavardhan Subbarao Design for Fatigue: Dr Sanjeev Kumar Garg 	HSR_ANALYSIS OF STEEL BRIDGES.pdf Sanjeev Garg-ING-IABSE DDM WS 2024.pdf
Session-2: Materials, Technology & Structural Detailing <ul style="list-style-type: none"> Steel as a Sustainable Bridging Material: Prof DR Sahoo Detailing of Steel Connections Introduction of New IRC Guideline: Mr V Karthik 	Sahoo Presentation Ing-IABSE Workshop.pdf Karthik V-IRC SP144 2024.pdf
Session-3: Fabrication, Erection and QA/QC for Steel Bridges <ul style="list-style-type: none"> Chenab Bridge: Mr Shashank Rajbhoj Guidelines for Fabrication & Erection: Mr G R Mohanty 	Chenab Arch Bridge - IABSE Dehradun.pdf Gyana Ranjan Mohanty-Workshop on Steel Bridges.pdf
Session-4: Special Session on Disaster Mitigation, Environmental, Health & Safety Issues <ul style="list-style-type: none"> Smart Infrastructure Management - Online Bridge Inspections and Public Feedback Integration: Mr Manoj Bisht Environmental and Health Safety in Bridge Construction: Ms Neha Vyas 	Manoj Bisht - Smart Infrastructure Management.pdf Neha Vyas-ING-IABSE Workshop - Presentation on EHS Management.pdf
Session-5: Bowstring Girder Bridge - Construction & Design Challenges <ul style="list-style-type: none"> Bow String Steel Bridges - Construction Challenges: Mr V Sadasivam Design Challenges: Mr UK Rajeshirke 	V Sadasivam-IABSE Construction Challenges in Bowstring Steel Bridges 20102024.pdf Umesh Rajeshirke-Bowstring Girder Bridge.pdf
Session-6: Repair & Rehabilitation; Inspection, Maintenance & SHM <ul style="list-style-type: none"> Repair and Rehabilitation of Old Mokama Bridge over River Ganga: Dr. Sumantra Sengupta & Mr. Jatin Singla Inspection, Maintenance & SHM: Dr GK Sahu 	Sumantra & Jatin - Mokama bridge.pdf GK Sahu-Inspection, Maintenance n SHM.pdf
Session-7: Temporary Structures & Modular Bridges <ul style="list-style-type: none"> Erection of Steel & Composite Bridge Decks: Mr MV Jatkar Modular Bridges: Mr Alok Bhowmick 	Jatkar Workshop on Steel Bridges Dehradun.pdf ALOK BHOWMICK - Modular Bridges.pdf
Session-8: Panel Discussion on "Quality of Design and Construction of Steel Bridges" <ul style="list-style-type: none"> Moderator: Mr. D. Sarangi Panelists: Dr. H. Subbarao, Mr. Dayanand, Ms. Neha Vyas, Mr. S.K. Puri, Mr. S. Rajbhoj and Dr. G. Mohanty 	Dharmanand Sarangi-Panel Discussion.pdf
Session-9: Case Studies <ul style="list-style-type: none"> Forensic Investigation of a Bowstring Girder during Construction: Mr V N Heggade Linear Infrastructures through Forest Area in Uttarakhand: Mr Atul D Bhohe 	V N Heggade Forensic of Bowstring girder ING IABSE Dehradun.pdf Atul D. Bhohe-Linear infrastructure.pdf