

HIGHLIGHTS OF THE ING-IABSE WORKSHOP ON “CODE OF PRACTICE FOR CONCRETE ROAD BRIDGES IRC:112:2011” HELD AT HYDERABAD ON 30TH & 31ST OCTOBER 2015

The Indian National Group of the IABSE in co-operation with Govt of Telangana, Roads and Buildings Department (NH Wing) successfully organised two day Workshop on “Code of Practice for Concrete Road Bridges IRC:112:2011” at Hyderabad on 30th and 31st October 2015. The Workshop was well attended by more than 200 delegates from various Govt Departments as well as other private and public organizations.

The aim of the workshop was to provide a unique opportunity to the practicing engineers and students to interact with experts for dissemination of knowledge and experiences relating to the latest techniques in design of bridges and other structures using the “Code of Practice for Concrete Road Bridges IRC:112: 2011”. Participation of delegates in floor intervention and discussions was very encouraging.

The Workshop was inaugurated by Shri T Nageshwar Rao, Hon’ble Minister of Public Works Department, Govt of Telangana by lighting the traditional lamp in the presence of S/Shri DO Tawade, Chairman, ING-IABSE, RK Pandey, Secretary, ING-IABSE and Mahesh Tandon, Chairman Scientific Committee as well as other dignitaries.

Shri IG Reddy, Chief Engineer, R&B NH & PPP, Govt of Telangana extended warm welcome to the participants of the Workshop. Shri DO Tawade, delivered his address during the Inauguration. Shri RK Pandey, Secretary, ING-IABSE proposed Vote of Thanks.

The Workshop on "Code of Practice for Concrete Road Bridges IRC:112:2011” was addressed by the following eminent experts covering the following themes who were either involved in the preparation of the Code or have used in extensively since its publication.

30th October, 2015

Session-1

- 1 Prof Mahesh Tandon
 - Overview & Scope
 - Basis of Design
- 2 Shri Alok Bhowmick
 - Actions and their Combinations
- 3 Prof Mahesh Tandon
 - Material Properties and their Design Values

Session-2

- 4 Shri Vinay Gupta
 - Analysis
- 5 Shri Umesh Rajeshirke
 - ULS of Linear Elements for Bending and Axial Forces
 - Worked Example for Bridge Design with IRC:112
- 6 Shri Vinay Gupta
 - Serviceability Limit State

31st October, 2015

Session-3

- 7 Shri JS Pahuja
 - ULS of Shear, Punching Shear and Torsion
- 8 Shri VN Heggade
 - ULS of Induced Deformations
 - ULS of Two and Three Dimensional Elements for Out of Plane and In-Plane Loading Effects

9 Shri Vinay Gupta

- Durability and Deterioration of Concrete Structures

Session-4

10 Shri Alok Bhowmick

- Prestressing System
- Detailing Requirements Including Ductility Detailing

The concluding remarks of the Workshop were presented by Prof Mahesh Tandon, Chairman, Scientific Committee on 31st October 2015. He expressed the hope that the outcome of the Workshop would have enriched the delegates. The delegates who attended the Workshop mentioned that the subject matter of the Workshop is very timely. Shri IG Reddy, Chief Engineer, R&B NH & PPP, Govt of Telangana proposed Vote of Thanks.

A cultural programme was organized in the evening of 30th October 2015 for the participants who rejoiced the evening.

The Workshop was a great success.



Shri T Nageshwar Rao, Hon'ble Minister, lighting the traditional Inaugural Lamp along with high dignitaries



A view of the Dais during the Inaugural Function



Shri DO Tawade, Chairman, ING-IABSE Delivering his address



Shri RK Pandey, Secretary, ING-IABSE Delivering his address



Shri T Nageshwar Rao, Hon'ble Minister, Minister of State, Telangana, PWD Delivering his address during Inaugural Function



A view of the Dais during the Valedictory Function

Call for Papers – Seminar on “Urban Transport Corridors”

The Indian National Group of the International Association for Bridge and Structural Engineering (ING-IABSE) is organising a Seminar on “Urban Transport Corridors” in association with Govt. of Andhra Pradesh at Vishakhapatnam in month of June, 2016.

The Seminar will have four Technical Sessions covering each theme in one Session as per the following:

- i) Policy and Planning**
 - Unified Urban Transport Development Authority
 - Planning for Multi-modal Transport for Urban Corridors
 - Transit Oriented Development including Land Use Planning
- ii) System and Engineering**
 - Demand and Supply Management in Urban Transport
 - Infrastructure Requirement for Integrated Urban Transport
 - Use of ITS – Coordination, Efficiency, Monitoring, etc. in Urban Transport.
 - Safety and Security
- iii) Financing**
 - Innovative Financing for Urban Transport Corridor.
 - Congestion Charging for Demand Management (including Parking)
- iv) Case Studies**
 - Metro
 - Mono-Rail/LRT
 - BRTS
 - Intermediate Public Transport (Auto, Taxi etc.)

Technical papers under various themes are invited for inclusion in the Seminar Report. The paper should be neatly printed including figures, tables etc. on A4 size paper with 25 mm margin on all side using 11 size Font (Times New Roman).

Those who are interested to contribute a paper, kindly send their paper (maximum 9 pages plus one cover sheet) by 6th May 2016 at the following address. Selected authors will be invited to present their papers in the Seminar.

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