

## HIGHLIGHTS OF THE ING-IABSE WORKSHOP ON “BRIDGE BEARINGS, EXPANSION JOINTS & SEISMIC DEVICES” HELD AT BHOPAL ON 15<sup>TH</sup> & 16<sup>TH</sup> JANUARY 2016

The Indian National Group of the IABSE in association with Government of Madhya Pradesh, PWD and MP Road Development Corporation Ltd successfully organised two day Workshop on “Bridge Bearings, Expansion Joints and Seismic Devices” at Bhopal on 15<sup>th</sup> and 16<sup>th</sup> January 2016.

The Workshop was well attended by more than 200 delegates from various Govt Departments, Consultants, Contractors and representatives of the Manufacturers/Suppliers of products as well.

The aim of the Workshop was to disseminate the knowledge in the field of bearings, expansion joints and seismic devices in bridges, flyovers etc. and introduce the various products, their applicability and design standards, besides testing and acceptance criteria so far as application in Bridge and Structural Engineering is concerned. Some case studies on repair and rehabilitation of bearings and expansion

joints was also presented during the Workshop. Participation of delegates in floor intervention and discussions was very encouraging.

The Workshop was inaugurated by Shri D.O. Tawade, Chairman, ING-IABSE and Chief Engineer (Coordinator-II), Ministry of Road Transport and Highways by lighting the traditional lamp.

Shri C.P. Agrawal, Secretary, Govt of Madhya Pradesh, PWD extended warm welcome to the participants of the Workshop. Shri D.O. Tawade, delivered his address during the Inauguration. Shri RK Pandey, Secretary, ING-IABSE proposed Vote of Thanks.

The Workshop on "Bridge Bearings, Expansion Joints and Seismic Devices" was addressed by the following eminent experts covering the following themes:



*Shri D.O. Tawade, Chairman , ING-IABSE lighting the traditional Inaugural Lamp along with high dignitaries*



*A view of the Dais during the Inaugural Function*



*Shri D.O. Tawade, Chairman, ING-IABSE delivering his address*



*Shri R.K. Pandey, Secretary, ING-IABSE delivering his address*

*15<sup>th</sup> January, 2016*

**Session-1 – Bridge Bearings**

- |   |                               |  |
|---|-------------------------------|--|
| 1 | Dr Christian Braun, Maurer AG | – Key Note Address                                     |
| 2 | Shri Alok Bhowmick            | – Elastomeric Bearings                                 |
| 3 | Shri Chinmoy Ghosh            | – POT/PTFE/Smart Bearings                              |
| 4 | Shri Jitendra Rathore         | – Spherical Bearings                                   |
| 5 | Shri VN Heggade               | – Bearings for Signature Bridge at Delhi – Case Study  |
| 6 | Shri PY Manjure               | – Repair and Rehabilitation of Bearings – Case Studies |

*16<sup>th</sup> January, 2016*

**Session-2 – Expansion Joints**

- |    |                               |   |
|----|-------------------------------|---|
| 7  | Dr Sougata Roy, Mageba SA     | – Key Note Address  |
| 8  | Shri Peter Gunthur, Maurer AG | – Expansion Joints  |
| 9  | Dr Lakshmy Parameswaran       | – Evaluation, Testing and Acceptance Criteria of Expansion Joints |
| 10 | Shri Shibnath Lahiri          | – Repair and Rehabilitation of Expansion Joints                   |

**Session-3 – Seismic Isolation / Restraining Devices**

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|----|-------------------------------|--|
| 11 | Dr Christian Braun, Maurer AG | – Key Note Address                       |
| 12 | Shri Vinay Gupta              | – Seismic Isolation Devices              |
| 13 | Shri Santanu Adhikary         | – Seismic Isolation Devices – Case Study |



*Shri A.K. Banerjee, Chairman, Scientific Committee delivering his address*



*A view of the audience during the Inauguration*



*Another view of the audience during the Inauguration*

The concluding remarks of the Workshop were presented by Shri AK Banerjee, Chairman, Scientific Committee on 16<sup>th</sup> January 2016. 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 Anil Chansoria, Chief Engineer (BOT), Govt of Madhya Pradesh proposed Vote of Thanks.

A light music with dinner was organized in the evening of 15<sup>th</sup> January 2016 for the participants who rejoiced the evening.

The Workshop was a great success.