

HIGHLIGHTS OF THE ING-IABSE WORKSHOP ON “INSPECTION, INVESTIGATION AND REPAIR/REHABILITATION OF BRIDGES & FLYOVERS” HELD AT BANGALORE ON 20TH AND 21ST JANUARY, 2017

The Indian National Group of the IABSE in co-operation with Govt of Karnataka, Public Works, Ports and Inland Water Transport Department successfully organised a two day Workshop on “Inspection, Investigation and Repair/Rehabilitation of Bridges & Flyovers” at Bangalore on 20th and 21st January, 2017. 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 an insight into the probable causes of distress through detailed inspection, investigation and testing and discuss the available methods and techniques of their repair and rehabilitation to enhance their serviceability during the design life.

During this two days Workshop, several eminent engineers in the field of Bridge & Structural Engineering made presentations on the different aspects of bridge repair and rehabilitation and present some interesting case studies for benefit of the participants from Karnataka Public Works & Inland Water Transport Department and other state PWDs and Consultants associated with the topic. Participation of delegates in floor intervention and discussions was very encouraging.

Friday, January 20, 2017

Session 1 – Inspection, Investigation, Testing and Bridge Management System

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| 1. | Mr. A.K. Banerjee | – | Key Note Address |
| 2. | Dr. Lakshmy Parameswaran | – | Condition Survey and Bridge Management System |
| 3. | Mr. R.K. Jaigopal | – | Detailed Investigation and Testing |
| 4. | Dr. Harshavardhan Subbarao | – | Forensics in Bridge Engineering |

Session 2 – Repair and Rehabilitation

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| 5. | Dr. Paul Jackson | – | Strengthening of Hammersmith Flyover in London |
| 6. | Mr. Vinay Gupta | – | Repair Materials and Techniques |
| 7. | Mr. P.Y. Manjure | – | Rehabilitation of Bridges & Other Structures – The Challenging Discipline |
| 8. | Mr. Samir Surlaker | – | Concrete Bridge Repair – State of the Art Materials & Methods |

The Workshop was inaugurated by Shri Laskshminarayana, IAS, Principal Secretary, Public Works & Inland Water Transport Department, Govt. of Karnataka by lighting the traditional lamp in the presence of Shri D.O. Tawade, Chairman, ING-IABSE, Shri Siddgangappa, Secretary, Public Works & Inland Water Transport Department, Govt of Karnataka, Shri N Lakshman Rao Peshve, Chief Engineer (NH), Govt of Karnataka, Shri AK Banerjee, Chairman, Scientific Committee and Dr. Harshavardhan Subbarao, Vice President & Member Technical Committee, IABSE Parent Body, Zurich as well as other dignitaries.

Shri Laskshminarayana, IAS, Principal Secretary, Public Works & Inland Water Transport Department, Govt of Karnataka extended warm welcome to the participants of the Workshop. Shri D.O. Tawade, delivered his address during the Inauguration. Shri K. Srinath, Suptd Engineer (NH) proposed Vote of Thanks.

The Workshop on “Inspection, Investigation and Repair/Rehabilitation of Bridges & Flyovers” was addressed by the following eminent experts covering the following themes:

Saturday, January 21, 2017

Session 3 – Case Studies

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| 9. | Mr. Alok Bhowmick &
Mr. P.Y. anjure | – | Rehabilitation of Chopan Bridge over river Sone in U.P |
| 10. | Prof. Ananth Ramaswamy | – | Repair and Retrofitting of Masonry Arch Bridges |
| 11. | Mr. V.N. Heggade | – | Hybrid Technology for Rehabilitating Deep Bridge Foundations |
| 12. | Mr. Paolo Franchetti | – | |
| 13. | Dr. Sanjeev Kumar Garg | – | Repair & Rehabilitation of Steel Bridges |
| 14. | Mr. Sudarshan S Iyengar/
Mr. N. Lakshmana Rao Peshve | – | Restoration of Flood Affected Bridges - Case Studies -
Gareke Kandy Bridge – |
| 15. | Mr. Umesh Rajeshirke | – | Rehabilitation of Durgabati Bridge on NH 2 in Varanasi |
| 16. | Mr. Repaka Srinivasa Rao/
Mr Ashok Kumar | – | Condition Survey of Bridges in Karnataka State |

The concluding remarks of the Workshop were presented by Shri A.K. Banerjee, Chairman, Scientific Committee on 21st January, 2017. 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 Lakshman Rao Peshve, Chief Engineer (NH) and Chairman, OC proposed Vote of Thanks.

A light music with dinner was organized in the evening of 20th January 2017 for the participants who rejoiced the evening.

The Workshop was a great success.