

Institution of Permanent Way Engineers (India)

Under the auspices of Ministry of Railways, India

International Technical Seminar of I.P.W.E (India)

Topic

Global Trends in Track Technologies and Fast Paced Construction

Date: 20th July 2017.

Venue: Sovereign Hall, Hotel Le- Meridien, Janpath, New Delhi-110001

The Institution of Permanent Way Engineers (India) in its Golden Jubilee year conducted an international seminar on the above mentioned topic. This was the second seminar organized in the year 2017, the first one was organized in January at Mumbai. More than 600 delegates participated in the seminar with its President and Member Engineering and Ex Officio Secretary Government of India, leading the team. The seminar had an illustrious panel of authors from all over the world representing a global participation.

1. Inaugural session:-

The International Technical Seminar was inaugurated by the Hon'ble Minister of Railways, Shri Suresh Prabhu. The Hon'ble minister appreciated the selection of the subject of the seminar and exhorted the Railway men to live up to the expectations of the travelling public. He desired that the seminar should help in meeting these objectives quickly in a time bound manner.

A short documentary film was presented in this session showcasing evolution and history of Indian Railways over the past 163 years including expansion, growth and planning for its modernization.

On this occasion, following books were released by Hon'ble MR

1. Release of Business Plan Of Engineering Department of Indian Railways
2. As part of Skill Development Programme release of books for "Diploma in Railway Engineering"
3. Release of Hand Book on "Construction of Earthquake Resistant Buildings" compiled by Works Directorate, RDSO and CAMTECH
4. Release of Souvenir for the Seminar

The Chairman Railway Board, Shri A. K. Mital in his speech brought out various scenarios of Railway Development and the contribution of High Speed Regime that Railway is embarking upon. He mentioned that the Railways have a vast network and it needs dedication and technical inputs of highest order to maintain and upgrade it.

The key note address was given by President IPWE (I) and Member Engineering Shri A. K. Mittal who vividly brought out the Railways progress in construction and maintenance of Railway Track network and the current issues faced by Railway administration and progress made by Railways. The inaugural function concluded with a vote of thanks by Shri Sudhir Mital, ED/IPWE.

2. Technical sessions:

After the inaugural function, the following Technical sessions were held:-

SN	ORGANISATION	COUNTRY	AUTHOR	PAPER
SESSION - I - GLOBAL TREND IN TRACK TECHNOLOGY (11.00 TO 12.30 HRS.)				
1	JR-EAST	JAPAN	Katsumi ISE	Japanese High Speed Rail "Shinkansen" - HSR Operations
2	SYSTRA	FRANCE	Marc Svetchine	SNCF European Leader in High Speed Rail
3	ADIF HS	SPAIN	1. Eloy Gomez 2. Joaquin Jimenez	1. Track Technology for High Speed Rail in Spain "Celebrating 25 years of Successful Experience" 2. High speed rail Mumbai - Nagpur
SESSION - II GLOBAL TREND IN TRACK TECHNOLOGY (12.30 TO 14.00 HRS.)				
4	JRTT	JAPAN	Shinichi Tamai	HSR Bridges supporting Slab Track
5	DR Squared	UK	Dr David Rhodes	Approaches to specification of Track Components in Asian Countries
6	PANDROL CDM Track	BELGIUM	Luis Prates	Rail Fastenings and noise and vibration solutions
SESSION - III FAST PACED CONSTRUCTION (15.00 TO 16.15 HRS.)				
7	University of Tokyo	JAPAN	Dr. Kazumasa Ozawa	CM/ GC Project Delivery Method
8	PLASSER	AUSTRIA	Siegfried Fink	Fully mechanised Track laying & latest technology & trends in track maintenance machines
SESSION - IV FAST PACED CONSTRUCTION (16.30 TO 18.00 HRS.)				
9	DFCCIL	INDIA	1. Anshuman Sharma 2. Manjul Mathur 3, Atul B Khare	Mechanised Construction of Track and OHE on DFC projects
10	RAILWAY BOARD	INDIA	1. A.K. Khandelwal 2. Tushar Kant Pandey	Mechanized Expeditious Construction of Railway Projects
11	HARSCO	USA	Christopher N. Larsen	Overview of Mechanised Track Laying

The afternoon session was graced by the Hon'ble Minister Of State for Railways Shri R. Gohein, who in his address mentioned that the Railways are coming out of age and embracing new technologies. Railways are now on the path of transformation and the inputs given by all will bear fruits in the near future.

3. Summary of recommendations (13.01.2017)

Summary of recommendations of the seminar was presented by Shri A K Mishra Director, IRICEN. The seminar valedictory session was then conducted.