



INTERNATIONAL CONFERENCE TECHNOLOGICAL ADVANCEMENTS IN RAIL & METRO PROJECTS 2018 (IC-TRAM 2018)

Thursday 4 October 2018

Indian Railways' Projects

0830 – 0930 hrs Registration and Tea.

Inaugural Session (0930 – 1100 hrs)

Chief Guest: **Sh Piyush Goyal**, Hon'ble Minister for Railways

0930 hrs Lighting of Lamp.
Welcome Address by **Sh Keshav Chandra**, Chairman Organizing Committee and former Member Railway Board.
Message of the Hon'ble President, **Sh Ram Nath Kovind**, read by **Sh Pradeep Agrawal**, President & CEO, DIPM Council
Speech by **Lt Gen SK Shrivastava**, AVSM, Engineer-in-Chief, Ministry of Defence
Speech by **Sh. Ashwani Lohani**, Chairman Railway Board
Speech by **Dr VK Saraswat**, Member NITI Aayog and Chief Patron DIPM Council
Inaugural Address by Chief Guest **Sh Piyush Goyal**, Hon'ble Minister for Railways
Release of Souvenir and Presentation of Conference Memento
Vote of Thanks by **Sh Arvind Arora**, Chairman DIPM Council of India

1030 – 1100 hrs Refreshments and Exhibition

Session 1 (1100 – 1330 hrs) Indian Railways – Emerging Technologies & Financial Intrusions

Chairman: **Sh. AK Goel**, Former Director General Railway Stores

1100 – 1115 hrs Introductions to Panelists and Chairman's Opening Remarks
1115 – 1130 hrs "High Speed and Semi High Speed Rail". **Sh Sikdar**, Executive Director, Railway Board.
1130 – 1145 hrs "Next Gen Rolling Stock & Propulsion Systems". **Sh Dimpy Garg**, Executive Director, Coaching, Railway Board and **Sh Shailendra Singh**, Chief Rolling Stock Engineer, Northern Railway
1145 – 1200 hrs Presentation by Saxena Marine Tech. (Gold Sponsor).
1200 – 1215 hrs Presentation by CRRC Zelch (India). (Bronze Sponsor).
1215 – 1230 hrs Disruptive Innovation in Technology for Railways. **Sh Shuktij Singh**, Tata Power SED.
1230 – 1245 hrs Presentation by Rail Vision. (Bronze Sponsor).
1245 – 1300 hrs Uses of Innovative Technologies for Implementation of Special Kind of Structures. **Sh Rajesh Prasad**, Executive Director (Metro)/ RVNL
1300 – 1315 hrs Optimisation & Standardization of Propulsion & Control (TCMS) Design for Rolling Stock on Indian Railways. **Sh Dinesh Kumar**, ED/PS & EMU, RDSO and **Sh Avinash Singh Kushwah**, Director PS & EMU, RDSO
1315 – 1330 hrs Proactive Financial Intrusions. **Smt Kalpana Dubey**, Executive Director, RDSO.
1330 – 1430 hrs Lunch

Session 2 (1430 – 1530 hrs) Panel Discussion on Modernization and Expansion of Indian Railways

Moderator: **Sh. Keshav Chandra**, Former Member Railway Board

Panelists: **Sh RN Malhotra**, Former Chairman Railway Board
Sh SC Gupta, Former Railway Board Member
Sh. Ravindra Gupta, Former Member, Railway Board
Sh. Rakesh Chopra, Former Member Railway Board
Sh. Ashwini Kapur, Former Member Railway Board
Sh. Akhil Agrawal, Former DG S&T

Sh Arbind Kumar, Former Director (Projects), RITES

1430 – 1445 hrs Introduction to panelists and Moderator's Opening Remarks

1445 – 1530 hrs Panel Discussion.

Session 3 (1530 – 1730 hrs) Artificial Intelligence, Advanced Signaling and Safety Consciousness

Chairman: **Sh. SC Gupta**, Former Member Railway Board

1530 – 1545 hrs Introduction to panelists and Chairman's Opening Remarks
1545 – 1600 hrs Artificial Intelligence, **Dr Nalinaksh Vyas**, IIT Kanpur
1600 – 1615 hrs IoT Systems for Train Operations & Maintenance, **Sh Arun Saxena**, Adviser Signal RailTel
1615 – 1630 hrs **Sh Piyush Nigam**, MD Apna Tech
1630 – 1645 hrs Technology in the area of digitalization. **Sh Mukesh Nigam**, MD CRIS
1640 – 1700 hrs Construction Safety Protocol, **Sh Rajesh Prasad**, ED Metro, RVNL
1700 – 1720 hrs Q & A
1720 – 1745 hrs Exhibition and Refreshments

Friday 5 October 2018

- 0830 – 0930 hrs Refreshments and Registration
- Session 4 (0930 – 1100 hrs) New Initiatives and Frontiers**
Chairman: **Sh Ravindra Gupta**, Former Member Railway Board
- 0930 – 0945 hrs Introduction to panelists and Chairman's Opening Remarks
- 0945 – 1000 hrs "Latest Developments in Fuels, Green Energy and Renewable sources". **Dr Anirudh Gautam**, Executive Director, RDSO
- 1000 – 1015 hrs Presentation by Bentley Systems.
- 1015 – 1030 hrs "Train and Passenger Management Case Study". **Sh Amit Jain**, Northern Railways
- 1030 – 1045 hrs Dual Fuel for Diesel Electric Multiple Units. **Sh Subodh Kumar Sagar**, CME, Indian Railway Organisation for Alternate Fuels.
- 1045 – 1100 hrs Sustainable Infrastructure, Challenges and Opportunities. **Sh Sanjay Kumar**, GM, DFCCIL
Q&A.
- 1100 – 1130 hrs Refreshments & exhibition

Metro Rail Projctcs

- Session 5 (1130 – 1230 hrs) Metro Rail Corporation Chief Executives on Metro Rail Future**
- Moderator: **Sh Subodh Jain**, Former Member Railway Board
- Panelists: **Sh Jitendra Tyagi**, MD Dehradun Metro
Sh Sahdeva Singh, Dir MEGA
Sh Satish Kumar, Ex Dir DMRC
Sh Brijesh Dixit, MD Maha Metro
Sh AK Garg, Director Ops DMRC.
Sh Arbind Kumar, Ex Dir (P), RITES
- 1130 – 1145 hrs Introduction to panelists and Moderator's Opening Remarks
- 1145 – 1230 hrs Panel Discussion
- Session 6 (1230 – 1400 hrs) Advancements in Civil Engineering**
Chairman: **Sh. Rakesh Chopra**, Former Member Railway Board
- 1230 – 1245 hrs Introduction to panelists and Chairman's Opening Remarks
- 1245 – 1300 hrs Delay in Large Scale Projects, Execution, Causes and Solutions. **Sh Anurag Sharma**, Expert CE NR
- 1300 – 1315 hrs Presentation by Everest Industries. (Bronze Sponsor).
- 1315 – 1330 hrs "Challenges in Design and Construction of Tallest Bridge in Northeast" **Sh A Saibaba**, CE NFR
- 1330 – 1345 hrs "Elasto- Plastic Analysis of Delhi Metro Underground Tunnels under Seismic Conditions", **Dr N K Samadhiya**, IIT Roorkee
- 1345 – 1400 hrs Q & A
- 1400 – 1445 hrs Lunch & Exhibition
- Session 7 (1445 – 1600 hrs) Innovations in Infrastructure& Planning**
Chairman: **Sh Arvind K Arora**, IDSE (Retd) Former DG Military Engineer Services,
- 1445 – 1450 hrs Introduction to panelists and Chairman's Opening Remarks
- 1450 – 1505 hrs "Improvement of T Junction Near Dhaula Kuan Metro Station" **Dr V K Yadav**, Former ADG Border Roads
- 1505 – 1520 hrs "Efficient & Green Logistic Need for higher freight share by Rail, **Sh Ajit Kumar Mishra**, CPM, DFCCIL
- 1520 – 1535 hrs "Planning & Execution of Metro Rail Project" **Sh R K Singh**, CPM Lucknow Metro
- 1535 – 1550 hrs "Project Management through an Objective Analysis - An Innovative Approach", **Sh Kundan Singh**, Dir (Plg and Design) , Military Engineer Services
- 1550 – 1600 hrs IT and Utility Services towards Smart Cantonments, **Sh Nalin Singhal**, IDSE Director, Military Engineer Services
Bio Toilets and Waster Management by **Sh SK Arora**, CE MES
- Session 8 (1600 – 1710 hrs) Innovation in Metro Projects**
Chairman: **Sh Subodh Jain**, Former, Member ,Railway Board
- 1600 – 1610 hrs Introduction to panelists and Chairman's Opening Remarks
- 1610 – 1625 hrs Design Conditions in Underground Stations, Ventilations and Air Conditioning". By **ISHRAE/ DMRC**
- 1625 – 1640 hrs "Safety and Security Measures in Metro Rail. **Sh Devendra Gill**, AGM Safety, DMRC
- 1640 – 1700 hrs Q&A/ Discussion

Valedictory Session (1700 – 1750 hrs)

- 1700 – 1715 hrs Summary of Recommendations by **Sh Keshav Chandra**, Chairman Organizing Committee and Former Member Railway Board
- 1715 – 1730 hrs Valedictory Address by **Dr VK Saraswat**, Chief Patron DIPM and Member NITI Aayog.
- 1730 – 1740 hrs Vote of Thanks by **Sh Pradeep Agarwal**, President (Hony), DIPM Society
- 1740 – 1815 hrs Refreshments & Close