Day 1, 11th December 2023, Zorawar hall, Manekshaw Convention Center		
10:00 Hrs	**Inaugral Session**	
10:05-10:10	Smt Aruna Singh, Additional Member(Telecom), Railway Board	Inaugral Speech
10:10-10:15	Mr Anshul Gupta, Former General Manager, NF Railway and Secretary IRSE(UK) Bharat Section	Introductoy Speech
10:15-10:20	Mr A K Misra, Former Additional Member (Tel), Railway Board & Chairman IRSE (UK) Bharat Section	Welcome Speech
10:20-25	Mr Arun Saksena, Former General Manager, NC Railway and Advisor to Hon'ble Minister of Railways, and Country Vice President IRSE (UK) Bharat Section - Moderator	Briefing and Moderator of the Session
10:35-10:45	Lt Gen M U Nair, National Cybersecurity Coordinator, Governmnet of India	Key Note Address
10:45-10:55	Prof K K Pant, Director IIT Roorkee	Key note Address
10:55-11:05	Smt Jaya Varma Sinha, Chairman & CEO, Railway Board, Ministry of Railways	Key Note address
11:05-11:15	Hon'ble Minister of Railways / Hon'ble Minister of State's Message to the Convention	
	MOU Signing with IIT Roorkee for setting up Center of Excellence by RailTel and launching IRSE Accredited Professional Courses. MOU signing with University of Birmingham for Creating Digital Twin Platform for Operations/ Maintenace and Planning needs of Indian Railways	
11:15 Hrs	**Vote of thanks and Refreshments**	
11:45 Hrs	**Innovation Hackathon Demos & Presentations on Innovations**	
	Session Chairman: Prof K K Pant Director IIT Roorkee	**Session Moderator: Sh GVL Satya Kumar MD CRIS**
11:45-12:05	Hyperloop in Bharat: A detailed managerial analysis	Prof Sundaravally Narayanaswami, Professor, IIM Ahmedabad
12:10-12:30	Embedding Academia in Industry - an Indian Railway Research, Education, and Innovation Network , Digital Twin and safety in Train Operation	Prof Clive Roberts, University of Birmingham
12:35-12:55	Kavach++ Extending the Kavach System Capabilities	Dr P Raja Goundan, Mr Surendranath Bopparaju, Mr D Molliah, Quadrant Futuretek
13:00--13:20	Enhancing Railway Safety and Efficiency through DAS: Harnessing Legacy Infrastructure for a future-proofing Rail Transport	Mr Deepak Garg,GGM/ RCIL Mr Deep Desai, MD Sensonic
13:25-13:45	Kavach Success Story- Kavach Testing and Commissioning Challenges and Solutions	Mr VNM Rao, CSTE/Project/SC Railway and Mr Pradeep Kongkalla GM Systems HBL
13:45	**LUNCH**	
14:30	**Next Generation of Safer and Secured Rail Transport**	
	Session Chairman: Prof Sundaravally Narayanaswamy, IIM Ahmedabad	**Session Moderator: Mr Anshul Gupta, Ex GM NF Railway**
14:30-14:50	How does Radio-based Cab-signalling resolve the adversities of lineside signalling at increased speeds?	Mr Lalit Mansukhani, CoE Kavach and Dr E B Rao, Kernex
14:55-15:15	On Track with Digital Railways - Role of EULYNX	Mr Frans Heijnan, Ex Director EULYNX
15:20-15:40	IT-OT Convergence in Railway Systems - Challenges, Sustainability, and Cybersecurity Solutions	Mr Navneet Kaushik, Director Systems, NCRTC
15:45-16:05	Role of BISAG in Digitalisation of Railway Infrastructure	Dr Vinay Thakur, MD NICSI
16:05	Evening Tea	
16:20	**Digital Technologies for Efficient Rail Transport**	
16:20-16:40	**Session Chairman: Smt Aruna Singh, AM(Tel)**	**Session Moderator: Mr Akhil Agarwal, Former DG (S&T) Railway Board**
16:45-17:05	Digital Initives by CRIS for the growth of Indian Railways	Mr G V L Satya Kumar, MD CRIS
17:10-17:30	Guarding the Rail: Unveiling Lessons Learnt from securing Rail Technology Environment	Mr. Ankit Srivastava Sr Manager/Data Centre/RailTel and Mr. Miki Shifman CTO/ Cylus.

17:35-17:55	Synergising Safety: Advanced Technologies of IDS, Remote Diagnostics and Predictive Maintenance and Platform Safety Innovations	Ms Meenakshi Director, M/s JMV
18:00-18:20	Future Proofing Signalling System	Mr Anvesh, GM, Efftronics Limited
19:30 Onwards	**Cultural Extravanza on Digital Sounds followed by Dinner**	
	Day 2, 12th December 2023, Zorawar hall, Manekshaw Convention Center	
9:30	**Intelligent Control & Command Systems**	
	Session Chairman:Mr Frans Heijnen, Ex Director EULYNX	**Session Moderator: Mr Akhilesh Yadav, Country Manager, Frauscher**
9:35-9:55	Technologies for Digital Transformation of Indian Railways, 'Infrastructure in the cloud'	Mr Axel, Muench, Siemens Germany
10:00-10:20	Advancements in High-Speed Rail Signalling: Packet 44 Implementation and Interoperable ETCS Solutions for Platform Screen Door Interface Management	Mr Navneet Kaushik, NCRTC
10:25-10:45	Resileinec and Safety of High Speed Rail: A Comprehensive study on Disaster Prevention and Monitoring Systems	Mr Alok Katiyar, Director, Operations, HSRCL
10:50-11:10	Advanced Electronic Interlocking Solution: Wayside Station Platform with hot standby for High Speed Train Operations with RAMS	Mr Balamurgan Rajsekran, Hitachi Rail STS
11:15-11.35	Converged and Coordinated Multi-layer Infrastructure Networks	Mr Amit Malik, President Ciena India & South Asia
11:40-12:00	AI powered OFC DAS based Intrusion Detection System	Mr Ratan Saha, Bitcom
12:00-13:00	Lunch Break	
13:00	**Role of Digitisation in Infrastructural Upgradation and Operational Excellence**	
	Session Chairman: Mr Sanjai Kumar, CMD RailTel	**Session Moderator: Mr Manish Agarwal, National Head, Siemens**
13:05-13:25	Intelligent Data Platform as a key driver for Digital railway operations	Thomas hartinger, Frauscher
13:30-13:50	Experience & Outlook with Secure Connectivity in Rail	Mr Christoph Jakob, Siemens Mobility GmBH
13:55-14:15	Building Quantum Secure Networks for Safer India	Mr Dilip Singh, Chief Product Officer, Q>Nu
14:20-14:40	Remote Diagnostic and Predictive Maintenance as per Industry 4.0 norms	Mr Siddhartha, Energy 7
14:45-15:05	5G mobile network for safety and next generation control systems	Mr Rajesh Tuli M/s Coral Telecom
15:10-15:30	Role of Innovation in Digital Technology for Safety Enhancement	Mr M A Johar, CP Plus
15:30-15:45	Refreshments	
15:45	**Development in Modern Asset Maintenance**	
	Session Chairman:Mr A K Misra, Chairman IRSE Indian Section	**Session Moderator: Mr Navneet Kaushik, Director Systems, NCRTC**
15:45-16:00	Green Signalling Power Supply System	Mr Maoj Pande, Statcon Energea
16:05-16:20	Tamper Proofing of Signalling Field Assets	Mr Sanjeev Khosla, Sanarti
16:25-16:40	Digital Twin Tech and NFT	Mr N N Shukla, Chain Code Consulting LLP
16:45-17:00	Capacity Building for Safer Digital Railways	Mr Ajay Singh, Director Railedutech
17:00-17:15	Cutting Edge 5G technology for Train to Ground Communication	Mr Dipak Sawant, McLaren Applied, UK
17:15-17:30	Digitalisation for Operational Excellence in Railways- Blockchain and FRMCS based Decentralized Train Control	Dr S N Gupta, Chairman Blue Town India
17:30-17:45	Applications of AI/ ML in Railways for predictive maintenance	Mr Rohit Kumar, SublimeAI Inc
17:45-18:00	Creating Smart Factories - A Digital Twin Approach	Mr Dhawal
	Day 3, 13th December 2023, Technical Visits to RCIL/ NCRTC/ DMRC	
9:30-13:30	3 Groups	