

List of Technical papers published (As on Dec-2017)

SN	Year of Publication	Title	Author's Name & Designation
1.	2007-08	Managing Rail Integrity in Heavy Axle Load Regime; Issues Facing IR	DST-II
2.	Sep.-2008	Developments in Rail Metallurgical for improved rail Design catering to special requirements of Indian Railways	K.P.S. Verma, ED/M&C A.K. Mannuwal, Dir/Track
3.	Feb.-2010	A Rationalized approach to Rail Stress calculation	P.Funkwal, Director/Track & M.P.Joshi, ADE/Track
4.	2010-11	Effect of standard play between rail and wheel on Rail Wheel Interaction	EDST-II/RDSO & DST-III/RDSO
5.	2010-11	Degradation of fastening system with different axle loads	A.K. Singhal, EDST-II/RDSO & Ashwani Kumar, DST-IV/RDSO
6.	2011	Paper on 'Evolving Standards for Vehicular Ultrasonic rail testing for implementation on Railway Systems carrying Mixed traffic' for conference organized by 'International Heavy Haul Association (IHHA), 2011'	P.Funkwal, ED/B&S A.K.Sharma, ADE/Track
7.	2011	Paper on 'Management of Rail/ Weld defect detection on Indian Railways' at National Technical Seminar organized by 'Institution of P. Way Engineers'.	S.P. Mishra, Jt. Dir/Track A.K.Sharma, ADE/Track
8.	2011-12	Design and Development of PSC Sleeper and Philosophy of design for High Speed	EDST-II/RDSO & Dy. CE/Design/WR
9.	2011-12	Modern Turnouts for introduction of high speed on existing track	EDST-II/RDSO & DST-III/RDSO
10.	2012-13	Paper on "Ballast less Track – An Overview and Developments in India" at IPWE seminar	Vipul Kumar, EDST-II, Ashwani Kumar, DST-IV & Ritu Raj, DDST/EF
11.	2013	Paper on "Improving the reliability of A.T. welds' at National Technical Seminar organized by 'Institution of P. Way Engineers'	S.K. Pandey, ED/Track-I Rajiv Kumar, Dir/Track-V A.K.Sharma, ADE/Track
12.	Feb.-2013	Paper on "Development of micro alloyed Tails on IR" for conference organized by International Heavy Haul Associate (IHHA) 2013.	S.K. Pandey, ED/Track-I Sonvir Singh, DRM/BVR/WR Sanjay Sahu, Dir/Track-I
13	Jan 2017	Design and development of wider and heavier PSC sleeper and fastening system suitable for semi high speed and heavy axle load.	Sandeep Sharma, ED/Track-2 Pranav Kumar, Dir/Track-4 Riruraj, Joint Dir/ Track-3 S.K.Awasthi, DD/Track

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14	Jan-2017	Steam curing cycle at reduced temperature for manufacturing of PSC sleepers	Sandeep Sharma, ED/Track-2 Pranav Kumar, Dir/Track-4 S.K.Awasthi, DD/Track