



EXPERT TALK ON:

## High Speed Rail in India - What, Why, When, Where, How ?

By: **Shri Gaurav Agarwal**

**Director, Railway Board, Ministry of Railways**

### *Who should attend:*

- **Researchers in Public Policy**
- **Faculties of Mechanical & Civil Engineering**
- **PhD & ME students of Mechanical & Transportation Engineering**
- **Innovators**

**Please note: At least one faculty from each institute should attend this expert talk.**

**WHEN:**  
31ST AUGUST, 2014

**WHERE:**  
B-0 CONFERENCE HALL,  
GTU, CHANDKHEDA  
AHMEDABAD

**TIME:**  
11:00 AM—12:30 PM  
FOLLOWED BY LUNCH



India has one of the largest rail networks but does not have any high-speed rail (HSR) lines capable of supporting speeds of 200 km/h (124 mph) or more. High-speed corridors have been proposed but not implemented. GTU is organizing an expert talk on High Speed Rail in India.

Register online before 29th August, 2014 by clicking on <https://docs.google.com/a/gtu.edu.in/forms/d/1iK8NIAzR704EIuA6GL-09xssW545W8KMCZT5ffgXVdU/viewform>

### **About Expert:**

Our guest Shri Gaurav Agarwal is a Mechanical Engineer in Indian Railways with over 18 years of experience in the areas of operations, Maintenance, Manufacturing & Research.

He joined IIT, Kanpur for graduation in Mechanical Engineering, but later decided to move to Indian Railways Institute of Mechanical & Electrical Engineering, Jamalpur for the prestigious Special Class Railway Apprentice scheme of the Government of India. Also, in 2013-14, he joined the 'Lee kuan Yew School of Public Policy' at 'National University of Singapore'(NUS) for 'Masters in Public Administration'(MPA) programme. The university is ranked 1st in Asia and 24<sup>th</sup> in the world as per QS 2014 rating. There, he specialized in Economics and Public Policy sub-streams and was one of the few recipients of Singapore government's scholarship. Further, he is a Fellow of Institution of Engineers, India and Engineering Council, London.

During his service in Indian Railways, he has worked in Eastern Railways, Rail Coach Factory at Kapurthala and Railway Board, New Delhi in different capacities and positions. Some of his roles include project-in-charge of first ever export of 36 passenger carriages from India, manufacturing of LHB design rakes of Mumbai Rajdhani and facilitation of 10 research projects with IIT, Kanpur including SIMRAN, which is a customer friendly GPS based IT application in few trains. Further, he has successfully developed a frugal innovative arrangement in the locomotives called 'Anti Climbing Device' which could address the long pending safety concern to prevent passengers climbing the footboard of the locomotives. He is also a recipient of the National Professional Excellence award by the Railway Minister.

Next, he has written books on contemporary issues like '*High Speed Rail Technology*' and '*Operations and maintenance of Rail Diesel Locomotive*'. Also, he has presented various papers in national and international conferences and journals on topics like '*Personal Rapid Transit System: Transport Solution for the future*', '*Monorails: A cost effective solution for Urban Transportation*', '*Missing Innovations@India.Inc.*' and '*Measuring Innovation: How feasible it is?*'

He has travelled vastly both in India and abroad and has keen interest in sports and literature.