



# IT APPLICATIONS IN RAILWAYS

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## Programme Overview:

Railway services are available in most of the countries in the world. However, a fast reliable, and a passenger friendly services was always in need. As the volume of passengers and freight loads started increasing day by day, more effective mechanism are found needful to handle this increasing demand But it is not the sole capability of man power to meet this growing need. Hence implementation of smart technologies turns inevitable in this connector Smart computing is comparatively infant sector of technology which can be efficiently. Implemented in railway systems for up gradation to a more efficient and smart model. Most of the Railway services serving as public transport have to consider passenger data as an important key factor. To provide fast and efficient passenger services, a major role lies on handling this passenger data in an efficient manner besides processing and storing it fast and seamlessly.

## Programme Coverage:-

Program will cover topics like "Govt. e-marketplace", "GEM Demo", Passenger Profile Management, Integrated Security System, IT for HRM & Operating Safety, Track Management System, Social Media & Complaints-grievances CMS & CMS Reports, E – Tendering; Computer Charting, ICMS Reports & Operations, FOIS, COIS, IRPSM, Cyber Security, Asset Maintenance and Monitoring using IT tools, Remote Monitoring and Mgt. Locomotives & Trains, IT for Safety System; E- Procurement, etc.

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