

LITERATURE SURVEY FOR SMART RAILWAYS

Internet of Things seems to be created for use in the Railways; even the acronym “IoT” might be decrypted as the Internet of Trains. Really, IoT sensors measuring speed, vibration, telemetry, brakes, and more have made it much easier to monitor the schedule, detect route issues, and eliminate human mistakes while operating a train. Smart railway is a technologically advanced approach to efficiently manage railway operations through sharing of rail data across rail infrastructure components, such as passengers, control centers, ticketing department, and freight.

LITERATURE SURVEY

1. Journal name: "Towards Internet on Smart Trains: A Review on Industrial IOT - Connected Railways". Published by Puala Fraga Lamas on 21st June

2017

Link: <https://www.mdpi.com/1424-8220/17/6/1457>

2. Paper name: "Internet of Things on Railway: Feasibility and Applications"

Published by Ohyun Jo on 06th September 2017

Link: <https://ieeexplore.ieee.org/document/8026132>

3. Paper name: "A Survey on Methods for Broadband Internet Access on

Trains" Published by Daniel T Fokum on 19th April 2010

Link: <https://ieeexplore.ieee.org/document/5451998>

TEAM MEMBERS :

- 1.) E.ELANGO(Leader)**
- 2.) I.N.JAMES PREM KUMAR**
- 3.) J.LOUIS REMILTAN**
- 4.) P.BACKIARAJ**
- 5.) M.BALAMUTHU MANIKANDAN**