



# Safety Measures At Unmanned Level Crossings

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Following two trial projects are in progress for ensuring safety at unmanned level crossings:-

(i) Development and implementation of Satellite based system for warning at unmanned level crossing gates of Indian Railways has been undertaken by Research Designs & Standards Organisation (RDSO)/Ministry of Railways and Space Applications Centre/Indian Space Research Organisation (SAC/ISRO).

(ii) Development and implementation of a "Suitable and Viable Vandal-Proof Advance Warning System" (Radio & Radio Frequency Identification based) to Pre-warn road users against approaching train at unmanned level crossing gate was undertaken by RDSO in association with IIT/Kanpur at one LC gate. Based on the report submitted, RDSO is now conducting extended field trials at 10 unmanned LC gates in association with IIT/Kanpur to check the efficacy of the system.

Based on the extended trial report, the adoption of the technologies shall be considered.

This Press Release is based on the information given by the Minister of State for Railways Shri Rajen Gohain in a written reply to a question in Rajya Sabha on 11.08.2017 (Friday).

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