

## **Road cum Rail Track Garbage Cleaning and Slurry Suction Vehicle**

Dr. Sharad K. Pradhan, Professor, Mechanical Engineering and Dean, Corporate and International Relations NITTTR Bhopal has developed a ‘Road cum Rail Track Garbage Cleaning and Slurry Suction Vehicle,

Under this DST funded project we have developed a Multi-functional Road cum Rail Scavenging Vehicle that can be used for scavenging, cleaning and washing the concrete apron railway track along railway platform. It can also be used as a vehicle to spray disinfectant, cleaning side drain (trench), as inspection vehicle and for disposal of collected garbage to the nearest municipal collection point. It is a diesel engine propelled Road cum Rail vehicle which can run on Road and Rail both.

Through this endeavor our aim is to extent our service to the nation by providing a ‘Road cum Rail Track Garbage Cleaning Vehicle’ thereby minimizing manual cleaning and realizing improved health and hygiene of commuters and to meaningfully contribute towards ‘**Swachh Rail Swachh Bharat**’.

<https://www.indiascience.in/videos/self-propelled-railway-track-scavenging-vehicle>



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