IJARSCT
ISSN (Online) 2581-9429
International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)
International Open-Access, Double-Blind, Peer-Reviewed, Refereed, Multidisciplinary Online Journal
Impact Factor: 7.301
Volume 3, Issue 6, May 2023

Robot for Railway Track Monitoring with Obstacle Detection

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Abstract: *Our country has one of the largest Railway networks in the world. So, it is required for the improvement of reliability and safety ways to determine the cracks and obstacles across railway tracks. It is mainly due to detecting a crack in the railway track, which may occur as natural or artificial.*

Keywords: Arduino software, Ultrasonic sensor, IR sensors, GPS module, DC motors.

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