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Energy Efficient Railway Track Monitoring System Using Arduino

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Abstract: We construct this project with Arduino Microcontroller that takes core of data transmission turbulence transducer to the engine control room, Zigbee, GPS, GSM module, Transmitter, Receiver and Turbulence Sensor is used for energy efficient instead of IR and Ultrasonic Sensor. This project potentially compromises the physical requirement of Gunn man for constant safety check also saves the time and money for identification of crack. This project also ensures, not only safety of humans but also life of animals.

Keywords: Railway Track Monitoring

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