Development of RFID based automatic system for saving suicides at metro railway stations

Abstract

Radio Frequency Identification (RFID) system is being used in various fields of engineering and automation in recent times. Every year, lot of people commits suicide at metro stations by jumping before the metro trains. Metro railways are a pride of Kolkata as well as India. Such suicides create a lot of inconvenience for the commuters as well as routine operation of train
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services. Such suicide deaths need to be prevented immediately. In our present work we have
developed a prototype and tested successfully a RFID based automatic intelligent system for
avoiding such suicide deaths at metro stations. Our system is secured, reliable and intelligent
because of RFID and advanced processor employed in the designed system.

Reference

2. K. Domdouzis, B Kumar, and C. Anumba, “Radio Frequency Identification (RFID)
3. Kuo-shien Huang and Shun-ming Tang, “RFID Application strategy and deployment in
   vol.45, pp.11-17, 2007.
5. Quan Z.Sheng, Xue Li and Sherali Zeadally, “Enabling Next Generation RFID
   pp.18-26, 2006.

Index Terms

Computer Science                  Communications

Key words

RFID          Reader

Relay

Stamp processor

tag