An Anti-Theft System for Two Wheelers

Mr. Shubham Khatale , Mr. Anurag G. Pawar, Mr. Kunal Sarode
Mr. Anurag S. Pawar, Mr. M. S. Khan
Matoshri College of Engineering and Research Centre (MCOERC), Nashik, Maharashtra, India

Abstract: *Nowadays, vehicle thievery is increasing rapidly. Vehicles are being theft at parking lot and unsecured places as well as being snatched on highways. As a consequence, the security of humanity is being affected. People are worried about the safety of their high-priced vehicles. Currently, people are getting technology dependent. As a result, vehicle security systems are becoming essential day by day. Hence more efforts and research have been undertaken to develop such security devices. But most of them are mainly designed for car. There is really scarcity of efficient security system for motorcycle. Some recent works on motorcycle security have been mentioned here though they are limitedly reported. Using this anti-theft system we can start or stop the bike from stolen using mobile application. user can register there profile on this application. user use there wifi for interface between hardware and software. using nodemcu,relay,5v power supply we maked the anti-theft hardware module and to connect the bike. this system is low of cost. The proposed system is better from the scalability and elasticity point*

Keywords: Anti-Theft System

REFERENCES

[1]. Vaishnavi Khadsane, Mrunalini Desai, Devashree Khatvakar, Shruti Lad "Advanced Fingerprint Authentication System in Two Wheelers", International Journal of Technical Research & Applications (March 2016).

[2]. K. Dinesh Kumar, G. Nirmal, S. Prakash, S. Raguvaran "Review of Bike Security System using fingerprint, GPS & GSM" International Journal of Innovative Research in computer & communication Engineering (March 2015).

[3]. Prashantkumar R, Sagar V.C, Santhosh S, Siddharth Nambiar, "Two-Wheeler Vehicle Security system", International Journal of Engineering Sciences and Emerging technologies (IJESET), Volume 6, Issue 3, December 2013.

[4]. Santhosh B. Patil and Rupal M. Walli, "Design and Development of fully Automatic AT89C52 Based Low Cost Embedded System for Rail Tracking", International Journal of Electronics Communication and Soft Computing Science and Engineering (IJECSCSE), Volume. 1, Issue 1, 2011.

[5]. Hugh Wimberly and Lorie M. Liebrock, "Using Fingerprint Authentication to reduce System Security; Empirical. Study", IEEE Symposium

[6]. On security and Privacy, 2011.

[7]. Sudharsana Vijayan, Vineed T Govind, Merin Mathews, Simna Surendran, Muhammed Sabah M E," Alcohol Detection Using Smart Helmet System", International Journal of Emerging Technology in Computer Science & Electronics (IJETCSE), ISSN: 0976-1353 Volume 8 Issue 1 –APRIL 2014

[8]. Manjesh N1 & Prof. Sudarshan Raj, "Smart Helmet Using GSM & GPS Technology for Accident Detection and Reporting System", International Journal of Electrical and Electronics Research, Vol. 2, Issue 4, pp: (122-127), Month: October - December 2014

[9]. Krutika Naidu, Dipti Bichwe, Aboli Nikode, "Advanced security and alert system for two wheelers", International Journal of Innovations in Engineering Research and Technology [IJIERT], ISSN: 2394- 3696 Volume 2, Issue 1 Jan-2015.

[10]. Manjesh N, Prof. Sudarshan Raj, "Smart Helmet Using GSM &GPS Technology for Accident Detection and Reporting System", International Journal of Engineering Research and Applications (IJERA) ISSN: 2248-9622 National

Conference on Developments, Advances & Trends in Engineering Sciences, 2015.

[11]. Nimmy James, Aparna C, Teena P John," Alcohol Detection System", International Journal of Research

in Computer and Communication Technology, Vol 3, Issue 1, January- 2014.

[12]. K. Dineshkumar, G. Nirmal, S. Prakash, S. Raguvaran, "A Review of Bike Security System Using Fingerprint GSM & GPS", International Journal of Innovative Research in Computer and Communication Engineering, Vol 3, Issue 3, March 2015.

[13]. Vaishnavi Khadasane, Mrunalini Desai, Devashree Khatavkar, Shruti Lad, "Advanced Fingerprint Authentication System in Two Wheelers", International Journal of Technical Research and Applications, e-ISSN: 2320-8163, www.ijtra.com, Special Issue 40 (KCCEMSR) (March 2016).

[14]. Prof. P. H. Kulkarni, Ms. Ravina Wafgaonkar, Ms. Shruti S. Gujarathi, Mr. Gaurav Ahirrao, "Alcohol Detection and Automatic Drunken Drive Avoiding System", Ms. R Wafgaonkar et al Int. Journal of Engineering Research and Applications, ISSN: 2248- 9622, Vol. 4, Issue 4(Version 2), April 2014.es

Copyright to IJARSCT
www.ijarsct.co.in

DOI: 10.48175/568

58

ISSN
2581-9429
IJARSCT