search this site

Home About Us

Journals

Conferences

Indexing

**Digital Library** 

Search

**Contact Us** 

# An Intelligent Way to Generate and Track Traffic Challans with the Power of ML and IoT

Journal: GRENZE International Journal of Engineering and Technology

Authors: Unnati Khanapurkar, B Sowjanya, Sandeep Ravikanti

 Volume:
 4
 Issue: 3

 Grenze ID: 01.GIJET.4.3.15
 Pages: 70-75

**Abstract** 

Nowadays due to growing population the use of vehicles on roads has been increased randomly. Due to fast moving life violating traffic rules has become common. This paper presents an idea of automation of detecting helmet and car seat belt using machine learning with image processing and internet of things (IOT). The proposed approach first classifies the different objects passing through the junction using surveillance cameras and then verifies whether the biker is wearing helmet or the car driver is wearing seat belt or not. Based on the result the message regarding fine will be sent to the concerned object rider registered mobile number. In addition the proposed paper also classifies the different types of car number plates to have a record with RTO about the number of cars.

### << BACK

# **GIJET**



#### TITLE:

GRENZE International Journal of Engineering and Technology

#### **EDITOR IN CHIEF:**

Dr. Janahanlal Stephen (Matha College of Technology, India)

#### ISSN:

2395-5295(Online); 2395-5287(Print)

#### FREQUENCY:

Twice Yearly

#### **ASSOCIATED PUBLISHER:**

GRENZE

## RELATED SUBJECTS:

Computer Science & Engineering, Electrical & Electronics Engineering, Mechanical Engineering, Civil Engineering

# RESEARCH GROUP:

GRENZE Engineering Group

#### INDEXING:

#### **OFFICIAL WEBSITE:**

http://gijet.thegrenze.com/

Latest News | Disclaimer | Privacy Policy | Terms & Conditions

Copyright © 2014. All Rights Reserved. Developed by Multidata