

# An Anti-Theft System for Two Wheelers

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**Abstract:** *A lot of research are going on in the field of biometrics. The proposed idea in the paper concentrates on the application of biometric for two wheelers especially, motor bikes and scooters. Bicycle theft has increased in the developing countries in the recent years. Being light and easy to hide, a stolen bicycle is often difficult to search. In our day to day life, a lot of motor bikes are missed and it is very difficult to find the location. This paper provides an effective solution in order to ensure more security and avoid unauthorized use of motorbikes. It has, therefore, become a pressing need to develop a low cost, easy to use solution to track the bicycles. In this project, a finger print based simple and efficient electric engine starter is proposed. Simple and effective hardware has been designed, implemented and tested with motorbikes. Test results show that the developed system identify the correct person and allows the right person to start the bike.*

**Keywords:** Biometrics, Fingerprint scanner, Bicycle theft

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