



**Thesis Paper**

# **Security System of an Electric Car**

**Submitted to the Dept. of Electrical & Electronic Engineering,  
SECS, BRAC University**

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**April 2015**

# Declaration

We hereby declare that the thesis titled "Security System of an Electric Car" submitted to the Department of EEE, SECS, BRAC University, is our original work. Any information from other sources has been acknowledged in the reference section.

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## **Acknowledgement**

With deep sense of gratitude we express our sincere thanks to our supervisor, Dr. Md. Mosaddequr Rahman for his guidance and continuous positive support in carrying out this work under his supervision, encouragement and cooperation .Thank you Sir for your smiling face. Really we learn from you- how to keep passion and smiley face in the crisis moment. We are also thankful to the department for their full cooperation. During this thesis, we have devoted ourselves to this project. We faced different problems in this project but we overcame everything with our hard work, dedication and with help of our supervisor. We are deeply thankful to our families for giving us the strong support. Among the many friends- we want to mention two of our friends Nahiduzzaman Nahid and Md Monnirul Islam here these persons always helped us with their knowledge in our times of need.

## **Abstract**

Technology is a blessing to our modern life and has become a part and parcel to our day to day life. It has made our life easier and comfortable by introducing with transport. We cannot even think of a single day without any transport, because it has a great impact in our socio-economic life. Beside of this an important issue has been arisen through the whole world and that is the security of a transport. And it is very obvious that our main concern behind this project is to develop the security system of a transport specifically to develop the security system of an "Electric Car" using the RFID module and the GSM module. This project introduces a new security system which is affordable and user friendly. A user can use this security system in his/her electric car by using an RFID card and a simple text message from user's cell phone. The project is totally based on Micro-controller (Arduino Uno) . Our project co-ordinates both the Micro-controller (Arduino Uno) program for detecting the specific RFID card and the Sim908c for recognizing the specific text code to enable the security system.

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