**Heaven’s Light is Our Guide**

**RAJSHAHI UNIVERSITY OF ENGINEERING & TECHNOLOGY**



**A THESIS REPORT**

**ON**

**SPEED BUMP & POTHOLE DETECTION WITH SINGLE SHOT MULTIBOX DETECTOR ALGORITHM & SPEED CONTROL -----------------------------**

**PREPARED**

**BY**

**STUDENT NAME (Roll No: ………)**

**STUDENT NAME (Roll No: ………)**

**DEPARTMENT OF MECHATRONICS ENGINEERING**

**March 2021**

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**Department of Mechatronics Engineering**



A THESIS REPORT

ON

Speed Bump & Pothole Detection with Single Shot MultiBox Detector Algorithm & Speed Control ………….

A thesis report is submitted to the Department of Mechatronics Engineering, Rajshahi University of Engineering & Technology in partial fulfillment of the requirements for the degree of **Bachelor of Science in Mechatronics Engineering.**

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| --- | --- |
| **Supervised by-** | **Submitted by-** |
| **Md. Firoj Ali**  Assistant Professor  Department of Mechatronics Engineering  Rajshahi University of Engineering & Technology | **Student Name**  Roll no: ……..  **Student Name**  Roll no: …… |

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**Department of Mechatronics Engineering**



**CERTIFICATE**

This is to certify that the thesis work “**Speed Bump & Pothole Detection with Single Shot MultiBox Detector Algorithm & Speed Control ……….**” by **Student Name**, bearing Roll no. **…….** & **Student Name……**, bearing Roll No. **………** has been carried out under my supervision in partial fulfillment of the requirements for the degree of Bachelor of Science in Mechatronics Engineering.

|  |  |
| --- | --- |
| **Signature of the Supervisor** | **Signature of the Students** |
|  |  |
| …………………………………………. | ………………………………………………. |
| **(Supervisor Name)** | **(Student Name)** |
| Assistant Professor | Roll no: ….. |
| Department of Mechatronics Engineering |  |
| Rajshahi University of Engineering & Technology | ……………………………………………….  **(Student Name)** |
|  | Roll no: …… |
| **Countersigned** | **Signature of the External Examiner** |
|  |  |
| …………………………………………. | ………………………………………………. |
| **(Name of Head, MTE)** | **(External Name)** |
| Head | Professor |
| Department of Mechatronics Engineering | Department of Mechanical Engineering |
| Rajshahi University of Engineering & Technology | Khulna University of Engineering & Technology |

TO BE CONTINUED FROM LATEX TEMPLATE