**GLOBAL AUTOMATION SMART CITY**

***A PROJECT REPORT SUBMITTED TO***

***JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY***

***In partial fulfillment of the requirements for the award of the degree***

**BACHELOR OF TECHNOLOGY**

**IN**

**MECHANICAL ENGINEERING**

**SUBMITTED**

**BY**

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**GURU NANAK INSTITUTE OF TECHNOLOGY**

**(Affiliated to JNTU, Hyderabad)**

**Ibrahimpatnam (V), Ranga Reddy District -501506**

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**CERTIFICATE**

This is to certify that the project entitled **GLOBAL AUTOMATION SMART CITY** is being submitted by **MR. Banuri harshith**, **MR. Bollampally Vamshi Krishna**, **MR. Dandanayakula Vamshi Krishna**,bearing Roll. No., **14831A0337**, **14831A0315**, **14831A0321**,in partial fulfillment for the award of Degree of Bachelor of Technology in Mechanical Engineering, to Jawaharlal Nehru Technological University is a record of bonafide work carried out by MR. Sateesh Kumar guidance and supervision.

The results embodied in this project report have not been submitted to any other university or institution for the award of any Degree or Diploma.

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**New Delhi**

**ABSTRACT**

The projects under Mechanical Engineering center around top to bottom investigation of warm, outline, assembling and computerization courses at main subjects level to plan the frameworks significant for businesses.The point is to channel the information and experience picked up in the program towards making a critical commitment to the business and science. Sensors science and designing is significant to practically all parts of life. Sensors are focal to mechanical applications being utilized for process control, checking, and security. This article is a short prologue to universe of sensors. By and by it's a perfect chance to let the device to think. Automated devices works by using sensors, it can similarly be controlled physically. By using this manage and basically including a few benchmarks, Controlling of home application lain specialists and electrical gadgets. It is totally a home computerization. It is accessible for a local and global access, with the goal that it can be controlled from anyplace all around. Programmed Street light which gets helped when it's enveloping get darks. An unmanned vehicle which works through Arduino associated with sensor, controlled by Bluetooth and even take after the way plotted on the ground. Here these are joined into city where enhancement of power per capita utilization is the principle need. Here our significant goal is to digitalize the principle and sub-stations, to upgrade and accelerate the conceptualization of control and transmission of the power.