



**GARBAGE MONITORING SYSTEM USING  
CLOUD COMPUTING**

**A PROJECT REPORT**

*Submitted by*

<b>SURUTHI V</b>	<b>(112818105009)</b>
<b>SWATHI V</b>	<b>(112818105010)</b>
<b>ASHOK KUMAR P</b>	<b>(112818105301)</b>
<b>THIRUMALAI B</b>	<b>(112818105303)</b>

*In partial fulfillment for the award of the degree*

*Of*

**BACHELOR OF ENGINEERING**


*In*

**ELECTRICAL AND ELECTRONICS ENGINEERING**

**T. J. S. ENGINEERING COLLEGE, PERUVOYAL**

**ANNA UNIVERSITY: CHENNAI 600 025**

**JUNE 2022**

  
**PRINCIPAL**  
**T.J.S. ENGINEERING COLLEGE**  
Peruvoyal, L. Srivilliputhur,  
Chennai - 600 025  
T. J. S. Engg. Coll. - Peruvoyal

**ANNA UNIVERSITY: CHENNAI 600 025**

**BONAFIDE CERTIFICATE**

Certified that this project report "GARBAGE MONITERING SYSTEM USING CLOUD COMPUTING" is the Bonafide work of the following students.

<b>SURUTHI V</b>	<b>(112818105009)</b>
<b>SWATHI V</b>	<b>(112818105010)</b>
<b>ASHOK KUMAR P</b>	<b>(112818105301)</b>
<b>THIRUMALAI B</b>	<b>(112818105303)</b>

Who carried out the project work under my supervision.

*Smya Sukhism*  
**SIGNATURE**  
Mrs. M.SHUNMUGA SANKARI, M.E.,  
Associate Professor  
**HEAD OF THE DEPARTMENT**  
Department of Electrical and  
Electronics Engineering  
T.J.S. Engineering College  
Peruvoyal.

*Smya Sukhism*  
**SIGNATURE**  
Mrs.M.SHUNMUGA SANKARI, M.E.,  
Associate Professor  
**SUPERVISOR**  
Department of Electrical and  
Electronics Engineering  
T.J.S. Engineering College  
Peruvoyal.

Submitted for Viva – Voce held on 21.06.2022 at T.J.S. Engineering College  
Peruvoyal.

*Smya Sukhism*  
21/6/22  
**INTERNAL EXAMINER**

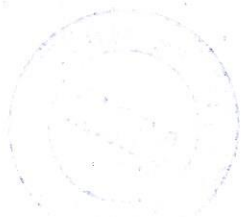
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**EXTERNAL EXAMINER**



*[Signature]*  
**PRINCIPAL**  
T.J.S. ENGINEERING COLLEGE  
M. S. K. Peruvoyal,  
Gandhipondri Taluk,  
Thiruvallur Dist - 601 206.

## ABSTRACT

This Project presents a methodology for implementation of a smart garbage monitoring for a smart cities with various types of sensors. This project increases the data transfer about the bin status by using Internet of things. The bin designed with sensors and separate the wastes by this the environment around the street will be Clean and reduces the pollution. Under smart city schemes our government has invoked some ideas about smart garbage waste disposals. Servo motors placed with Infrared sensors and controller board will help the people and people who clean the waste in bin has no contact with the bin because of IR sensor which sense the action and open, close the garbage bin's door. Here by using inductive proximity sensor and capacitive proximity sensor it can segregate the solid and metal wastes and also vegetable wastes. Flammable gas sensor which senses the methane gas, CO<sub>2</sub> gas etc. Hence we can reduce the pollution and keep our environment clean.



PRINCIPAL  
T.J.S. ENGINEERING COLLEGE  
K. K. Nagarajpettai,  
K. K. Yyandi Taluk,  
Thiruvallur Dist - 601 206