

A Major Project report on
**RFID BASED SMART SHOPPING TROLLEY WITH SMS BASED
BILL GENERATOR**

Submitted to
Jawaharlal Nehru Technological University, Hyderabad
In partial fulfillment of the requirement for
The award of degree of
BACHELOR OF TECHNOLOGY
In
ELECTRONICS & COMMUNICATION ENGINEERING
by

GURRAM AKHILA	196Y1A0447
KOMATIREDDY SHRAVYA	196Y1A0454
BHASHANAPALLY SAI KEERTHI	196Y1A0417
ADEPU CHANDANA	196Y1A0401
GATTIKOPPULA INDRAJA	196Y1A0444



Under the esteemed supervision Of

Mr.K.Thirupathi

Assistant Professor

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
SUMATHIREDDY INSTITUTE OF TECHNOLOGY FOR WOMEN

(Approved by AICTE, New Delhi; Affiliated to JNTU, Hyderabad)
Ananthasagar (Vill), Hasanparthy (M), Warangal-506371



2022-2023

PRINCIPAL

Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL- 506 371 (T.S.)

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING**

CERTIFICATE

This is to certify that the mini project entitled “**RFID BASED SMART SHOPPING TROLLEY WITH SMS BASED BILL GENERATOR**” submitted to **JNTUH** is carried out by the following students of **IV B. Tech** in the partial fulfillment for the award of the B. Tech degree in **Electronics and Communication Engineering** during the academic year **2022-2023**.

GURRAM AKHILA

196Y1A0447

KOMATIREDDY SHRAVYA

196Y1A0454

BHASHANAPALLY SAI KEERTHI

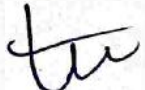
196Y1A0417

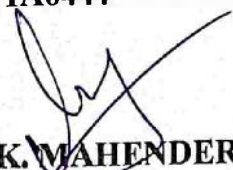
ADEPU CHANDANA

196Y1A0401

GATTIKOPPULA INDRAJA

196Y1A0444


Mr.K.Thirupathi
Assistant Professor
Supervisor


Dr. K. MAHENDER
Associate Professor
Head of Department




PRINCIPAL

Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL- 506 371 (T.S.)

ABSTRACT

Nowadays, shopping is one of the most important functions that people invest in an impressive amount of energy and time. In general, the vast majority of the general population shop for an hour or more every day. Customers have a lot of trouble during shopping, one of them is waiting in queue to bill for products and most of the customers are budget shoppers. So overcome this problem a smart trolley with an automated billing system is proposed. With these trolleys Customer can do their shopping comfortably and pay close attention to their shopping list without needing to drive around in their shopping cart.



Rijan

Principal

Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (TS)