

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

"Jnana Sangama" Belagavi – 590 010



PROJECT REPORT ON

“SUPER MARKET SELF CHECKOUT BASED ON LI-FI”

Submitted in partial fulfillment of the requirements for the award of the degree

**BACHELOR OF ENGINEERING
IN
ELECTRONICS & COMMUNICATION ENGINEERING**

Submitted By

Name	USN
NAGESHA GOWDA	4AL14EC054
POOJA D PATKAR	4AL14EC062
RANJAN	4AL14EC069
RASHMITHA K	4AL14EC070

**Under the Guidance of
Mrs. JYOTHI PRAMAL
Assistant Professor
Department of E&C Engineering**



**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING
ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY**

MOODBIDRI – 574 225.

2017-2018

ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

MOODBIDRI - 574 225

(Affiliated to VTU, BELAGAVI)

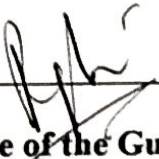
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING


CERTIFICATE


Certified that the project work entitled "SUPER MARKET SELF CHECKOUT BASED ON LI-FI" is a bona fide work carried out by

Nagesha Gowda	4AL14EC054
Pooja D Patkar	4AL14EC062
Ranjan	4AL14EC069
Rashmitha K	4AL14EC070

in partial fulfillment for the award of BACHELOR of ENGINEERING in ELECTRONICS & COMMUNICATION ENGINEERING of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year 2017-2018. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the Bachelor of Engineering degree.


Signature of the Guide
Mrs. Jyothi Pramal


Signature of the H.O.D
Dr. D.V. Manjunatha
Dept. Of Electronics & Communication
Alva's Institute of Engineering & Technology
Mijar, MOODBIDRI - 574 225


Signature of the Principal
PRINCIPAL
Dr. Peter Fernandes
Alva's Institute of Engineering & Technology,
Mijar, MOODBIDRI - 574 225, D.K.

EXTERNAL VIVA

Name of the Examiners

Signature with date

1.....

.....

2.....

.....

ABSTRACT

Vast markets have an incredible assortment of merchandise furthermore; unique grocery stores may have distinctive dispersion of product. A large portion of the clients think that it's hard to remain in long line for charging the obtained items and they need to look through the item in the huge shopping centre. This is more time consuming, the shopping centres utilize different advances for electronic business to spare the time and increment the solace. Simple and effectiveness required for charging in regular day to day existence.

The tag is remarkably created character which is connected on the item that distinguishes the items exceptionally. These labels are recognized by the user. The reader is an electronic gadget that distinguishes the label which is known to it. The principle goal of proposed framework is to give innovation oriented, low cost, effectively scalable and tough framework for helping shopping face to staffs need to monitor the items they pitch to ensure what they are offering is in the feed.