

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
JnanaSangama, Belagavi – 590018



PROJECT REPORT ON

**“INTELLIGENT SITTING POSTURE CLASSIFIER FOR
OFFICE CHAIR USERS ”**

**Submitted in partial fulfilment of the requirement for the award of degree of
BACHELOR OF ENGINEERING**

IN

ELECTRICAL AND ELECTRONICS ENGINEERING

Submitted by

RAKESH M	(1RR20EE002)
ROHITH H	(1RR20EE004)
S DHANVI	(1RR20EE005)

Under the guidance of

Dr.P.EBBY DARNEY

PROFESSOR

Department of EEE



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING**

RAJARAJESWARI COLLEGE OF ENGINEERING

[Accredited by NAAC A+, Affiliated to VTU, Belagvi, Approved by AICTE, New Delhi]

#14, Ramohalli Cross, Mysore Road, Kumbalagodu, Bengaluru-74

2023-2024




RAJARAJESWARI COLLEGE OF ENGINEERING
[NBA & NAAC Accredited, affiliated to VTU, Belagavi, Approved by AICTE, New Delhi]
#14, Ramohalli Cross, Kumbalgotu, Mysore Road, Bangalore-560074

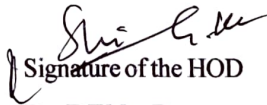
**DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING**




CERTIFICATE

This is to certified that the project work entitled **"INTELLIGENT SITTING POSTURE CLASSIFIER FOR OFFICE CHAIR USERS"** is a bonafide work carried out by **RAKESH M (1RR20EE002), ROHITH H (1RR20EE004),S DHANVI (1RR20EE005)**, in partial fulfilment for the award of **Bachelor of Engineering in Electrical and Electronics Engineering** of the **Visvesvaraya Technological University, Belagavi** during the year 2023-2024. It is certified that all corrections & suggestions indicated for internal assessment have been incorporated in the report & deposited in the departmental library. The main project report has been approved as it satisfies the academic requirements.


Signature of the Guide
Dr.P Ebby Darney


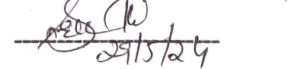

Signature of the HOD
Dr. P Ebby Darney


Signature of the Principal
Dr. Balakrishna R

Name of the Examiners:

1. Ramyachree H-P
2. Sincy Elizabeth Kurumilla

Signature with date:

 21/5/24
 29/5/24

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
Jnana Sangama, Belagavi – 590018



PROJECT REPORT ON
“AUTOMATED BED CONTROL WITH HEALTH TRACKER”

Submitted in partial fulfilment of the requirement for the award of degree of

BACHELOR OF ENGINEERING
UNDER
VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Submitted by:

LINGARAJ C S
SAHIL SHARMA
B SOMENDRAN

1RR20EE001
1RR20EE006
1RR21EE400

Under the guidance of:
SHIVALINGAIAH K L
ASSOCIATE PROFESSOR
Dept. of EEE

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



RAJARAJESWARI COLLEGE OF ENGINEERING

[NAAC Accredited, affiliated to VTU, Belagavi, Approved by AICTE, New Delhi]
#14, Ramohalli Cross, Mysore Road, Kumbalagodu, Bengaluru-74

2023-2024



RAJARAJESWARI COLLEGE OF ENGINEERING

[NAAC Accredited, affiliated to VTU, Belagavi, Approved by AICTE, New Delhi]

#14, Ramohalli Cross, Kumbalgodu, Mysore Road, Bangalore-560074

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certified that the project Report on work entitled **“AUTOMATED BED CONTROL WITH HEALTH TRACKER”** is a bonafide work carried out by **LINGARAJ C S (IRR20EE001), SAHIL SHARMA(IRR20EE006), B SOMENDRAN (IRR21EE400)**, in partial fulfilment for the award of Bachelor of **Engineering in Electrical and Electronics Engineering** of the **Visvesvaraya Technological University, Belagavi** during the year 2023-2024. 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.


Signature of the guide

Prof. Shivalingaiah K L


Signature of the HOD

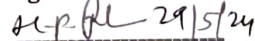
Dr. P Ebby Darney

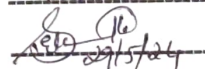

Signature of the principal

Dr. Balakrishna R

PRINCIPAL
RAJARAJESWARI
COLLEGE OF ENGINEERING
Ramohalli Cross, Bengaluru-77

Signature with date:

 29/5/24

 29/5/24

Name of the Examiners:

1. Ramya Shree H-P
2. Sincy Elizabeth Keerunilla

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
Jnana Sangama, Belagavi – 590018



Project report on

**“GESTURE CONTROLLED MISSILE LAUNCH USING
ARDUINO AND ZIGBEE”**

Submitted in partial fulfilment of the requirement for the award of degree of

BACHELOR OF ENGINEERING

IN

ELECTRICAL AND ELECTRONICS ENGINEERING

Submitted by:

RIDA SHARIFF A

1RR20EE003

SEETHA LAKSHMI PEROTH

1RR20EE007

SHIVAMANI C R

1RR21EE401

Under the guidance of:

Prof.UDHYAMI M B

ASSISTANT PROFESSOR

Department of EEE



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING**

RAJARAJESWARI COLLEGE OF ENGINEERING

[Accredited by NAAC A+, Affiliated to VTU, Belagvi, Approved by AICTE, New Delhi]

#14, Ramohalli Cross, Mysore Road, Kumbalagodu, Bengaluru-74

2023-2024



RAJARAJESWARI COLLEGE OF ENGINEERING

[Accredited by NAAC A+, Affiliated to VTU, Belagvi, Approved by AICTE, New Delhi]

#14, Ramohalli Cross, Mysore Road, Kumbalagodu, Bengaluru-74

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



CERTIFICATE

This is to certify that the project work entitled “**GESTURE CONTROLLED MISSILE LAUNCH USING ARDUINO AND ZIGBEE**” is a bonafide work carried out by **RIDA SHARIFF A (IRR20EE003)**, **SEETHA LAKSHMI PEROTH (IRR20EE007)**, **SHIVAMANI C R (IRR21EE401)**, in partial fulfilment for the award of **Bachelor of Engineering in Electrical and Electronics Engineering** of the **Visvesvaraya Technological University, Belagavi** during the year 2023-2024. It is certified that all corrections & suggestions indicated for internal assessment have been incorporated in the report & deposited in the departmental library. The main project report has been approved as it satisfies the academic requirements.

Signature of the Guide

Signature of the HOD

Signature of the Principal

Prof. UDHYAMI M B

DR. P EBBY DARNEY

DR. BALAKRISHNA R

Name of the Examiners:

1. Rampabeee, H-P

2. Sincy Elezebeth Kuruvilla

Signature with date:

H.P. R 29/5/24

S.P. 29/5/24