



Certificate

This is to Certify that

Gaikwad Krushna Subhashrao

Student of Electronics & Computer Engg., Shreeyash College of
Engineering & Technology, Aurangabad had been with us as a Student
Intern during 2nd Jan. 2023 – 15th Jan. 2023.

Pravin Ambekar
Amb's C-DSP,
Aurangabad

Dr. B.M. Patil
Principal,
Shreeyash College of Engineering
& Technology, Aurangabad

Certificate No.: CDSP.CER.INTERN.2022.23.11.032



Certificate

This is to Certify that

Chavan Harshal Ashok

Student of Electronics & Computer Engg., Shreeyash College of
Engineering & Technology, Aurangabad had been with us as a Student
Intern during 2nd Jan. 2023 – 15th Jan. 2023.

Pravin Ambekar
Amb's C-DSP,
Aurangabad

Dr. B.M. Patil
Principal,
Shreeyash College of Engineering
& Technology, Aurangabad



Certificate

This is to Certify that

Bankar Yash Shahaji

Student of Electronics & Computer Engg., Shreeyash College of
Engineering & Technology, Aurangabad had been with us as a Student
Intern during 2nd Jan. 2023 – 15th Jan. 2023.

Pravin Ambekar
Amb's C-DSP,
Aurangabad

Dr. B.M. Patil
Principal,
Shreeyash College of Engineering
& Technology, Aurangabad



Certificate

This is to Certify that

Dhangude Pavan Lahu

Student of Electronics & Computer Engg., Shreeyash College of
Engineering & Technology, Aurangabad had been with us as a Student
Intern during 2nd Jan. 2023 - 15th Jan. 2023.

Pravin Ambekar
Amb's C-DSP,
Aurangabad

Dr. B.M. Patil
Principal,
Shreeyash College of Engineering
& Technology, Aurangabad



Certificate

This is to Certify that

Daud Prithviraj Prakash

Student of Electronics & Computer Engg., Shreeyash College of
Engineering & Technology, Aurangabad had been with us as a Student
Intern during 2nd Jan. 2023 - 15th Jan. 2023.

Pravin Ambekar
Amb's C-DSP,
Aurangabad

Dr. B.M. Patil
Principal,
Shreeyash College of Engineering
& Technology, Aurangabad

Certificate No.: CDSP.CER.INTERN.2022.23.11.028



Certificate

This is to Certify that

Shaikh Abdurrazzak Mahatab Alam

Student of Electronics & Computer Engg., Shreeyash College of
Engineering & Technology, Aurangabad had been with us as a Student
Intern during 2nd Jan. 2023 - 15th Jan. 2023.

Pravin Ambekar
Amb's C-DSP,
Aurangabad

Dr. B.M. Patil
Principal,
Shreeyash College of Engineering
& Technology, Aurangabad



Certificate

This is to Certify that

Aute Vishal Kautik

Student of Electronics & Computer Engg., Shreeyash College of
Engineering & Technology, Aurangabad had been with us as a Student
Intern during 2nd Jan. 2023 – 15th Jan. 2023.

Pravin Ambekar
Amb's C-DSP,
Aurangabad

Dr. B.M. Patil
Principal,
Shreeyash College of Engineering
& Technology, Aurangabad

Certificate No.: CDSP.CER.INTERN.2022.23.11.026



Certificate

This is to Certify that

Aute Rushika Anandrao

Student of Electronics & Computer Engg., Shreeyash College of
Engineering & Technology, Aurangabad had been with us as a Student
Intern during 2nd Jan. 2023 – 15th Jan. 2023.

Pravin Ambekar
Amb's C-DSP,
Aurangabad

Dr. B.M. Patil
Principal,
Shreeyash College of Engineering
& Technology, Aurangabad

Certificate No.: CDSP.GER.INTERN.2022.23.11.025



Certificate

This is to Certify that

Deshmukh Naman Chandrakantrao

Student of Electronics & Computer Engg., Shreeyash College of
Engineering & Technology, Aurangabad had been with us as a Student
Intern during 2nd Jan. 2023 – 15th Jan. 2023.

Pravin Ambekar
Amb's C-DSP,
Aurangabad

Dr. B.M. Patil
Principal,
Shreeyash College of Engineering
& Technology, Aurangabad



Certificate

This is to Certify that

Pandhare Saurabh Krushna

Student of Electronics & Computer Engg., Shreeyash College of
Engineering & Technology, Aurangabad had been with us as a Student
Intern during 2nd Jan. 2023 – 15th Jan. 2023.

Pravin Ambekar
Amb's C-DSP,
Aurangabad

Dr. B.M. Patil
Principal,
Shreeyash College of Engineering
& Technology, Aurangabad

Certificate No.: CDSP.CER.INTERN.2022.23.11.023



Certificate

This is to Certify that

Kardile Radhika Sanjay

Student of Electronics & Computer Engg, Shreeyash College of
Engineering & Technology, Aurangabad had been with us as a Student
Intern during 2nd Jan. 2023 – 15th Jan. 2023.

Pravin Ambekar
Amb's C-DSP,
Aurangabad

Dr. B.M. Patil
Principal,
Shreeyash College of Engineering
& Technology, Aurangabad

Certificate No.: CDSP.CER.INTERN.2022.23.11.022



Certificate

This is to Certify that

Warade Gaurav Gajanan

Student of Electronics & Computer Engg., Shreeyash College of
Engineering & Technology, Aurangabad had been with us as a Student
Intern during 2nd Jan. 2023 – 15th Jan. 2023.

Pravin Ambekar
Amb's C-DSP,
Aurangabad

Dr. B.M. Patil
Principal,
Shreeyash College of Engineering
& Technology, Aurangabad



Certificate

This is to Certify that

Khude Suraj Digambar

Student of Electronics & Computer Engg., Shreeyash College of
Engineering & Technology, Aurangabad had been with us as a Student
Intern during 2nd Jan. 2023 – 15th Jan. 2023.

Pravin Ambekar
Amb's C-DSP,
Aurangabad

Dr. B.M. Patil
Principal,
Shreeyash College of Engineering
& Technology, Aurangabad

Certificate No.: CDSP.CER.INTERN.2022.23.11.020



Certificate

This is to Certify that

Rathod Sourabh Vijay

Student of Electronics & Computer Engg., Shreeyash College of
Engineering & Technology, Aurangabad had been with us as a Student
Intern during 2nd Jan. 2023 - 15th Jan. 2023.

Pravin Ambekar
Amb's C-DSP,
Aurangabad

Dr. B.M. Patil
Principal,
Shreeyash College of Engineering
& Technology, Aurangabad

Certificate No.: CDSP.CER.INTERN.2022.23.11.019



Certificate

This is to Certify that

Kamble Om Tukaram

Student of Electronics & Computer Engg., Shreyash College of
Engineering & Technology, Aurangabad had been with us as a Student
Intern during 2nd Jan. 2023 – 15th Jan. 2023.

Pravin Ambekar
Amb's C-DSP,
Aurangabad

Dr. B.M. Patil
Principal,
Shreyash College of Engineering
& Technology, Aurangabad

Certificate No.: CDS&P.CER.INTER.N.2022.23.11.018



Certificate

This is to Certify that

Chakma Vishwachandra Punyasen

Student of Electronics & Computer Engg., Shreeyash College of
Engineering & Technology, Aurangabad had been with us as a Student
Intern during 2nd Jan. 2023 - 15th Jan. 2023.

Pravin Ambekar
Amb's C-DSP,
Aurangabad

Dr. B.M. Patil
Principal,
Shreeyash College of Engineering
& Technology, Aurangabad



Certificate

This is to Certify that

Madar Malik Kalim

Student of Electronics & Computer Engg., Shreeyash College of
Engineering & Technology, Aurangabad had been with us as a Student
Intern during 2nd Jan. 2023 – 15th Jan. 2023.

Pravin Ambekar
Amb's C-DSP,
Aurangabad

Dr. B.M. Patil
Principal,
Shreeyash College of Engineering
& Technology, Aurangabad

Certificate No.: CDSP.CER.INTERN.2022.23.11.016



Certificate

This is to Certify that

Lagad Nagesh Dnyaneshwar

Student of Electronics & Computer Engg., Shreeyash College of
Engineering & Technology, Aurangabad had been with us as a Student
Intern during 2nd Jan. 2023 – 15th Jan. 2023.

Pravin Ambekar
Amb's C-DSP,
Aurangabad

Dr. B.M. Patil
Principal,
Shreeyash College of Engineering
& Technology, Aurangabad

Certificate No.: CDSP.CER.INTERN.2022.23.11.014



Certificate

This is to Certify that

Pathan Adnan Khan Zaker Khan

Student of Electronics & Computer Engg., Shreeyash College of
Engineering & Technology, Aurangabad had been with us as a Student
Intern during 2nd Jan. 2023 – 15th Jan. 2023.

Pravin Ambekar
Amb's C-DSP,
Aurangabad

Dr. B.M. Patil
Principal,
Shreeyash College of Engineering
& Technology, Aurangabad

Certificate No.: CDSP.CER,INTERN.2022.23.11.035



Certificate

This is to Certify that

Kharat Sachin Dnyander

Student of Electronics & Computer Engg., Shreeyash College of
Engineering & Technology, Aurangabad had been with us as a Student
Intern during 2nd Jan. 2023 – 15th Jan. 2023.

Pravin Ambekar
Amb's C-DSP,
Aurangabad

Dr. B.M. Patil
Principal,
Shreeyash College of Engineering
& Technology, Aurangabad



Certificate

This is to Certify that

Shinde Ganesh Shivaji

Student of Electronics & Computer Engg., Shreeyash College of
Engineering & Technology, Aurangabad had been with us as a Student
Intern during 2nd Jan. 2023 - 15th Jan. 2023.

Pravin Ambekar
Amb's C-DSP,
Aurangabad

Dr. B.M. Patil
Principal,
Shreeyash College of Engineering
& Technology, Aurangabad

Certificate No.: CDSP.CER.INTERN.2022.23.11.012



Certificate

This is to Certify that

Gitte Mukundraj Jyotiba

Student of Electronics & Computer Engg., Shreyash College of
Engineering & Technology, Aurangabad had been with us as a Student
Intern during 2nd Jan. 2023 - 15th Jan. 2023.

Pravin Ambekar
Amb's C-DSP,
Aurangabad

Dr. B.M. Patil
Principal,
Shreyash College of Engineering
& Technology, Aurangabad



Certificate

This is to Certify that

Borgaonkar Aditya Krishnarao

Student of Electronics & Computer Engg., Shreeyash College of
Engineering & Technology, Aurangabad had been with us as a Student
Intern during 2nd Jan. 2023 - 15th Jan. 2023.

Pravin Ambekar
Amb's C-DSP,
Aurangabad

Dr. B.M. Patil
Principal,
Shreeyash College of Engineering
& Technology, Aurangabad

Certificate No.: CDSP.CER.INTERN.2022.23.11.010



Certificate

This is to Certify that

Kulkarni Sayli Satish

Student of Electronics & Computer Engg., Shreeyash College of
Engineering & Technology, Aurangabad had been with us as a Student
Intern during 2nd Jan. 2023 – 15th Jan. 2023.

Pravin Ambekar
Amb's C-DSP,
Aurangabad

Dr. B.M. Patil
Principal,
Shreeyash College of Engineering
& Technology, Aurangabad



Certificate

This is to Certify that

Wahatule Abhishek Chandrabhan

Student of Electronics & Computer Engg., Shreeyash College of
Engineering & Technology, Aurangabad had been with us as a Student
Intern during 2nd Jan. 2023 – 15th Jan. 2023.

Pravin Ambekar
Amb's C-DSP,
Aurangabad

Dr. B.M. Patil
Principal,
Shreeyash College of Engineering
& Technology, Aurangabad



Certificate

This is to Certify that

Mhaske Sachin Kailas

Student of Electronics & Computer Engg., Shreeyash College of
Engineering & Technology, Aurangabad had been with us as a Student
Intern during 2nd Jan. 2023 – 15th Jan. 2023.

Pravin Ambekar
Amb's C-DSP,
Aurangabad

Dr. B.M. Patil
Principal,
Shreeyash College of Engineering
& Technology, Aurangabad

Certificate No.: CDSP.CER.INTERN.2022.23.11.007



Certificate

This is to Certify that

Walekar Laxmi Dnyaneshwar

Student of Electronics & Computer Engg., Shreeyash College of
Engineering & Technology, Aurangabad had been with us as a Student
Intern during 2nd Jan. 2023 – 15th Jan. 2023.

Pravin Ambekar
Amb's C-DSP,
Aurangabad

Dr. B.M. Patil
Principal,
Shreeyash College of Engineering
& Technology, Aurangabad

Certificate No: CDSP.CER.INTERN.2022.23.11.006



Certificate

This is to Certify that

Damkondwar Shivam Hanmantrao

Student of Electronics & Computer Engg., Shreyash College of
Engineering & Technology, Aurangabad had been with us as a Student
Intern during 2nd Jan. 2023 – 15th Jan. 2023.

Pravin Ambekar
Amb's C-DSP,
Aurangabad

Dr. B.M. Patil
Principal,
Shreyash College of Engineering
& Technology, Aurangabad

Certificate No.: CDSP.CER.INTERN.2022.23.11.005



Certificate

This is to Certify that

Pathan Vasim Babulal

Student of Electronics & Computer Engg., Shreeyash College of
Engineering & Technology, Aurangabad had been with us as a Student
Intern during 2nd Jan. 2023 – 15th Jan. 2023.

Pravin Ambekar
Amb's C-DSP,
Aurangabad

Dr. B.M. Patil
Principal,
Shreeyash College of Engineering
& Technology, Aurangabad



Certificate

This is to Certify that

Jadhav Pallavi Sanjay

Student of Electronics & Computer Engg., Shreeyash College of
Engineering & Technology, Aurangabad had been with us as a Student
Intern during 2nd Jan. 2023 - 15th Jan. 2023.

Pravin Ambekar
Amb's C-DSP,
Aurangabad

Dr. B.M. Patil
Principal,
Shreeyash College of Engineering
& Technology, Aurangabad

Certificate No.: CDSP.CER.INTERN.2022.23.11.003



Certificate

This is to Certify that

Sevankar Aditya Santosh

Student of Electronics & Computer Engg., Shreeyash College of
Engineering & Technology, Aurangabad had been with us as a Student
Intern during 2nd Jan. 2023 – 15th Jan. 2023.

Pravin Ambekar
Amb's C-DSP,
Aurangabad

Dr. B.M. Patil
Principal,
Shreeyash College of Engineering
& Technology, Aurangabad



Certificate

This is to Certify that

Tipale Abhishek Arun

Student of Electronics & Computer Engg., Shreeyash College of
Engineering & Technology, Aurangabad had been with us as a Student
Intern during 2nd Jan. 2023 - 15th Jan. 2023.

Pravin Ambekar
Amb's C-DSP,
Aurangabad

Dr. B.M. Patil
Principal,
Shreeyash College of Engineering
& Technology, Aurangabad

Certificate No.: CDSP.CER.INTERN.2022.23.11.001



Certificate

This is to Certify that

Tipale Abhishek Arun

Student of Electronics & Computer Engg., Shreeyash College of
Engineering & Technology, Aurangabad had been with us as a student
Intern during 2nd Jan 2023 – 15th 2023.

Pravin Ambekar
Amb's C-DSP,
Aurangabad

Dr. B.M. Patil
Principal,
Shreeyash College of Engineering
& Technology, Aurangabad

Certificate No.: CDSP.CER.INTERN.2022.23.11.001



Certificate

This is to Certify that

Kanchan Raibole

Student of Electronics & Computer Engg., Shreeyash College of
Engineering & Technology, Aurangabad had been with us as a Student
Intern during 2nd Jan. 2023 – 15th Jan. 2023.

Pravin Ambekar
Amb's C-DSP,
Aurangabad

Dr. B.M. Patil
Principal,
Shreeyash College of Engineering
& Technology, Aurangabad

Certificate No.: CDSP.CER.INTERN.2022.23.11.050




Certificate

This is to Certify that

Khadase Nikita Naresh

Student of Electronics & Computer Engg., Shreeyash College of
Engineering & Technology, Aurangabad had been with us as a Student
Intern during 2nd Jan. 2023 – 15th Jan. 2023.


Pravin Ambekar
Amb's C-DSP,
Aurangabad

Dr. B.M. Patil
Principal,
Shreeyash College of Engineering
& Technology, Aurangabad

Certificate No.: CDSP.CER.INTERN.2022.23.11.049



Certificate

This is to Certify that

Rutuja Shivraj Shette

Student of Electronics & Computer Engg., Shreeyash College of
Engineering & Technology, Aurangabad had been with us as a Student
Intern during 2nd Jan. 2023 – 15th Jan. 2023.

Pravin Ambekar
Amb's C-DSP,
Aurangabad

Dr. B.M. Patil
Principal,
Shreeyash College of Engineering
& Technology, Aurangabad

Certificate No.: CDSP.CER.INTERN.2022.23.11.047



Certificate

This is to Certify that

Pawan Kasarale

Student of Electronics & Computer Engg., Shreeyash College of
Engineering & Technology, Aurangabad had been with us as a Student
Intern during 2nd Jan. 2023 - 15th Jan. 2023.

Pravin Ambekar
Amb's C-DSP,
Aurangabad

Dr. B.M. Patil
Principal,
Shreeyash College of Engineering
& Technology, Aurangabad

Certificate No.: CDSP.CER.INTERN.2022.23.11.048



Certificate

This is to Certify that

Payal Prathmesh Yadav

Student of Electronics & Computer Engg., Shreeyash College of
Engineering & Technology, Aurangabad had been with us as a Student
Intern during 2nd Jan. 2023 - 15th Jan. 2023.

Pravin Ambekar
Amb's C-DSP,
Aurangabad

Dr. B.M. Patil

Principal,
Shreeyash College of Engineering
& Technology, Aurangabad

Certificate No.: CDSP.CER.INTERN.2022.23.11.044



Certificate

This is to Certify that

Shrushti Swami

Student of Electronics & Computer Engg., Shreeyash College of
Engineering & Technology, Aurangabad had been with us as a Student
Intern during 2nd Jan. 2023 - 15th Jan. 2023.

Pravin Ambekar
Amb's C-DSP,
Aurangabad

Dr. B.M. Patil
Principal,
Shreeyash College of Engineering
& Technology, Aurangabad

Certificate No.: CDS&P.CER.INTER.N.2022.23.11.046



Certificate

This is to Certify that

Prathmesh Raju Athawale

Student of Electronics & Computer Engg., Shreeyash College of
Engineering & Technology, Aurangabad had been with us as a Student
Intern during 2nd Jan. 2023 - 15th Jan. 2023.

Pravin Ambekar
Amb's C-DSP,
Aurangabad

Dr. B.M. Patil
Principal,
Shreeyash College of Engineering
& Technology, Aurangabad

Certificate No.: CDSP.CER.INTERN.2022.23.11.040



Certificate

This is to Certify that

Akash Rustam Kute

Student of Electronics & Computer Engg., Shreeyash College of
Engineering & Technology, Aurangabad had been with us as a Student
Intern during 2nd Jan. 2023 – 15th Jan. 2023.

Pravin Ambekar
Amb's C-DSP,
Aurangabad

Dr. B.M. Patil
Principal,
Shreeyash College of Engineering
& Technology, Aurangabad

Certificate No.: CDSP.CER.INTERN.2022.23.11.042



Certificate

This is to Certify that

Shivaraj Madhar Murkut

Student of Electronics & Computer Engg., Shreeyash College of
Engineering & Technology, Aurangabad had been with us as a Student
Intern during 2nd Jan. 2023 – 15th Jan. 2023.

Pravin Ambekar
Amb's C-DSP,
Aurangabad

Dr. B.M. Patil
Principal,
Shreeyash College of Engineering
& Technology, Aurangabad

Certificate No.: CDSP.CER.INTERN.2022.23.11.043



Certificate

This is to Certify that

Anurag Dyaneshwar Patil

Student of Electronics & Computer Engg., Shreeyash College of
Engineering & Technology, Aurangabad had been with us as a Student
Intern during 2nd Jan. 2023 - 15th Jan. 2023.

Pravin Ambekar
Amb's C-DSP,
Aurangabad

Dr. B.M. Patil
Principal,
Shreeyash College of Engineering
& Technology, Aurangabad

Certificate No.: CDSP.CER.INTERN.2022.23.11.041



Certificate

This is to Certify that

Mayuri Banakar

Student of Electronics & Computer Engg., Shreeyash College of
Engineering & Technology, Aurangabad had been with us as a Student
Intern during 2nd Jan. 2023 – 15th Jan. 2023.

Pravin Ambekar
Amb's C-DSP,
Aurangabad

Dr. B.M. Patil
Principal,
Shreeyash College of Engineering
& Technology, Aurangabad

Certificate No: CDSP.CER.INTERN.2022.23.11.045



Certificate

This is to Certify that

Dubey Sahil Rupesh

Student of Electronics & Computer Engg., Shreeyash College of
Engineering & Technology, Aurangabad had been with us as a Student
Intern during 2nd Jan. 2023 – 15th Jan. 2023.

Pravin Ambekar
Amb's C-DSP,
Aurangabad

Dr. B.M. Patil
Principal,
Shreeyash College of Engineering
& Technology, Aurangabad



Certificate

This is to Certify that

Mungase Ganesh Balasaheb

Student of Electronics & Computer Engg., Shreeyash College of
Engineering & Technology, Aurangabad had been with us as a Student
Intern during 2nd Jan. 2023 - 15th Jan. 2023.

Pravin Ambekar
Amb's C-DSP,
Aurangabad

Dr. B.M. Patil
Principal,
Shreeyash College of Engineering
& Technology, Aurangabad



Certificate

This is to Certify that

Mhaske Rushikesh Sunil

Student of Electronics & Computer Engg., Shreeyash College of
Engineering & Technology, Aurangabad had been with us as a Student
Intern during 2nd Jan. 2023 – 15th Jan. 2023.

Pravin Ambekar
Amb's C-DSP,
Aurangabad

Dr. B.M. Patil
Principal,
Shreeyash College of Engineering
& Technology, Aurangabad



Certificate

This is to Certify that

Kolte Shivraj Srinivas

Student of Electronics & Computer Engg., Shreeyash College of
Engineering & Technology, Aurangabad had been with us as a Student
Intern during 2nd Jan. 2023 - 15th Jan, 2023.

Pravin Ambekar
Amb's C-DSP,
Aurangabad

Dr. B.M. Patil
Principal,
Shreeyash College of Engineering
& Technology, Aurangabad



Certificate

This is to Certify that

Kamble Sanmitra Avinash

Student of Electronics & Computer Engg., Shreeyash College of
Engineering & Technology, Aurangabad had been with us as a Student
Intern during 2nd Jan. 2023 – 15th Jan. 2023.

Pravin Ambekar
Amb's C-DSP,
Aurangabad

Dr. B.M. Patil
Principal,
Shreeyash College of Engineering
& Technology, Aurangabad

Certificate No.: CDSP.CER.INTERN.2022.23.11.034



Certificate

This is to Certify that

Sonawane Gayatri Vishnu

Student of Electronics & Computer Engg., Shreeyash College of
Engineering & Technology, Aurangabad had been with us as a Student
Intern during 2nd Jan. 2023 – 15th Jan. 2023.

Pravin Ambekar
Amb's C-DSP,
Aurangabad

Dr. B.M. Patil
Principal,
Shreeyash College of Engineering
& Technology, Aurangabad



Certificate

This is to Certify that

Dakle Rohini Navnath

Student of Electronics & Computer Engg., Shreeyash College of
Engineering & Technology, Aurangabad had been with us as a Student
Intern during 2nd Jan. 2023 – 15th Jan. 2023.

Pravin Ambekar
Amb's C-DSP,
Aurangabad

Dr. B.M. Patil
Principal,
Shreeyash College of Engineering
& Technology, Aurangabad

Certificate No.: CDSP,CER.INTERN.2022.23.11.015

A

Project/Seminar Report

On

“Digital Data Entry Manually In 16x2 LCD display”

By

VASIM PATHAN (2405)

For the Degree of

Bachelor of Technology

(Electronics & Computer Engineering)

Dr. Babasaheb Ambedkar Technological, University

Lonere (M.S.)



Department of Electronics and Computer

Shreyash College of Engineering & Technology, Aurangabad, Maharashtra

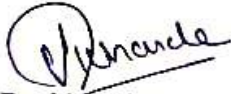
2021 - 2023

Certificate

This is to certify that the project entitled "Digital Data Entry Manually In 16x2 LCD Display " which is being submitted here with for the award of the **Degree of Bachelor of Technology** of Dr. Babasaheb Ambedkar Technological University, Lonere. This is the result of original research work contributed by Vasim Babulal pathan under my guidance. The work embodied in this report has not formed earlier for the basis of the award of any degree of compatible certificate or similar title of this for other examining body of university to the best of knowledge and belief.

Place: Aurangabad.

Date:



Prof. S.P. Kharde

Guide

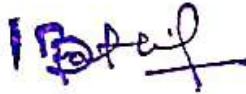
Department of Electronics &
Computer Engineering



Dr. J. R. Mahajan

HOD

Department of Electronics &
Computer Engineering



Dr. B.M. Patil
Principal

Shreeyash College of Engineering
Aurangabad (M.S.)

**DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY
LONERE, RAIGAD, MAHARASHTRA**



**Seminar report
On
“4-TONE SIREN”**

Submitted By

SAHIL RUPESH DUBEY [PRN2121121844055]

Under the guidance of
Prof. A. S. Pingale



**Department of Electronics & Computer Engineering ShreeYash
College of Engineering and Technology,
Aurangabad, Maharashtra State, India
(2022-2023)**



SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY, AURANGABAD
DEPARTMENT OF ELECTRONICS AND COMPUTER ENGINEERING

CERTIFICATE

This is to certify that, the report on "4 Tone Siren" submitted by Sahil Rupesh Dubey has done bonfire work completed under supervision and guidance of Prof. A. S. Pingale and it is submitted towards the partial fulfillment for award of Bachelor of Technological. (Electronics & Computer Engineering) Degree of Dr. Babasaheb Ambedkar Technological University, Lonere, Raigad.

Place: Aurangabad

Date: 07/01/2023

Prof. A. S. Pingale
Guide

Electronics & Computer Engineering

Dr. J. R. Mahajan
HOD

Electronics & Computer Engineering

Dr. B. M. Patil
Principal

ShreeYash College of Engineering and Technology

Seminar Report
On
“CURTAIN OPENER & CLOSER”

Submitted By

RUSHIKESH MHASKE [PRN:2121121844053]
MUKUNDRAJ GITTE [PRN:2121121844016]
SHIVAM DAMKONDWAR [PRN:2121121844006]

Under the guidance of
Dr. A. N. Shaikh



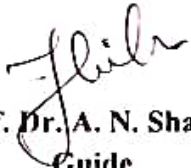
Department of Electronics & Computer Engineering
Shreyash College of Engineering and Technology, Aurangabad,
Maharashtra State, India
(2022-2023)

CERTIFICATE

This is to certify that, the project entitled, "Curtain Opener & Closer" submitted by Rushikesh Mhaske, Mukundraj Gitte and Shivam Damkondwar have done bonafide work completed under supervision and guidance of Prof. Saikh sir and it is submitted towards the partial fulfillment for award of Bachelor of Technological. (Electronics & Computer Engineering) Degree of Dr. Babasaheb Ambedkar Technological University, Lonere, Raigad.

Place: Aurangabad

Date:



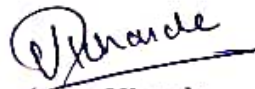
Prof. Dr. A. N. Shaikh
Guide

Electronics & Computer
Engineering



Dr. J. R Mahajan
HOD

Electronics & Computer
Engineering



Prof. S.P. Kharde
Coordinator

Electronics & computer
engineering

Dr. B. M. Patil
Principal

Shreeyash College of Engineering and
Technology

**Seminar Report
On
“Audio Amplifier”**

Submitted By

**Saurabh Pandhare[PRN:2121121844033]
Sachin Mhaske[PRN:2121121844012]
Krushna Gaikwad[PRN:2121121844045]**

**Under the guidance of
Prof.S.P.Kharde**



**Department of Electronics & Computer Engineering
Shreyash College of Engineering and Technology,
Aurangabad, Maharashtra State, India
(2022-2023)**



Dr. Babasaheb Ambedkar Technological University Aurangabad (M.S.)



CERTIFICATE

This is to certify that, the project "Audio Amplifier" submitted by Saurabh Pandhare, Sachin Mhaske and Krushna Gaikwad have done bonafide work completed under supervision and guidance of Prof.S.P.Kharde and it is submitted towards the partial fulfilment for award of Bachelor of Technological.(Electronics & Computer Engineering) Degree of Dr. Babasabeb Ambedkar Technological University, Lonere, Raigad.

Place: Aurangabad

Date:

SEAL

Prof.S.P.Kharde

Guide

Electronics & Computer Engineering

Dr.J.R.Mahajan

HOD

Electronics & Computer Engineering

Dr. B. M. Patil

Principal

Shreeyash College of Engineering and Technology

**Seminar Report
On
“SOUND SENSOR”**

Submitted By

**Pathan Adnan [PRN: 2121121844050]
Shaikh Abdur Razzak [PRN: 2121121844038]**

**Under the guidance of
Prof. Aditi Ghuge**



**Department of Electronics & Computer Engineering
Shreyash College of Engineering and Technology,
Aurangabad, Maharashtra State, India
(2022-2023)**



Dr. Babasaheb Ambedkar Technological University Aurangabad (M.S.)

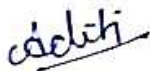
CERTIFICATE

This is to certify that, the project "Sound Sensor" submitted by Pathan Adnan and Shaikh Abdur Razzak have done bonafide work completed under supervision and guidance of Prof. Aditi Ghuge and it is submitted towards the partial fulfilment for award of Bachelor of Technological. (Electronics & Computer Engineering) Degree of Dr. Babasaheb Ambedkar Technological University, Lonere, Raigad.

Place: Aurangabad

Date:

SEAL



Prof. Aditi Ghuge

Guide

Electronics & Computer Engineering



Dr. J.R. Mahajan

HOD

Electronics & Computer Engineering



Dr. B. M. Patil

Principal

Shreyash College of Engineering and Technology

Seminar Report
On
“Motion Detector”

Submitted By

Sanmitra Kamble [PRN: 2121121844049]

Nagesh Lagad [PRN: 2121121844019]

Under the guidance of

Prof. A. S. Pingale



Department of Electronics & Computer Engineering
Shreeyash College of Engineering and Technology, Aurangabad,
Maharashtra State, India
(2022-2023)



SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY, AURANGABAD
DEPARTMENT OF ELECTRONICS AND COMPUTER ENGINEERING

CERTIFICATE

This is to certify that, the project "Motion Detector" submitted by Sanmitra Kamble and Nagesh Lagad have done bonafide work completed under supervision and guidance of Prof. A.S.Pingale and it is submitted towards the partial fulfillment for award of Bachelor of Technological. (Electronics & Computer Engineering) Degree of Dr. Babasaheb Ambedkar Technological University, Lonere, Raigad.

Place: Aurangabad

SEAL

Date:

Prof. A. S. Pingale
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Electronics & Computer Engineering

Dr. J. R Mahajan
HOD

Electronics & Computer Engineering

Dr. B. M. Patil
Principal

Shreeyash College of Engineering and Technology

Seminar Report
On
“Motion Detector”

Submitted By

Sanmitra Kamble [PRN: 2121121844049]

Nagesh Lagad [PRN: 2121121844019]

Under the guidance of

Prof. A. S. Pingale



Department of Electronics & Computer Engineering
Shreeyash College of Engineering and Technology, Aurangabad,
Maharashtra State, India
(2022-2023)



**SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY, AURANGABAD
DEPARTMENT OF ELECTRONICS AND COMPUTER ENGINEERING**

CERTIFICATE

This is to certify that, the project "Motion Detector" submitted by Sanmitra Kamble and Nagesh Lagad have done bonafide work completed under supervision and guidance of Prof. A.S.Pingale and it is submitted towards the partial fulfillment for award of Bachelor of Technological. (Electronics & Computer Engineering) Degree of Dr. Babasaheb Ambedkar Technological University, Lonere, Raigad.

Place: Aurangabad
Date:

SEAL

Prof. A. S. Pingale
Guide

Electronics & Computer Engineering

Dr. J. R. Mahajan
HOD

Electronics & Computer Engineering

Dr. B. M. Patil
Principal

Shreeyash College of Engineering and Technology

**Seminar Report
On
“Heat Sensor”**

Submitted By

**Om Kamble [PRN: 2121121844023]
Ganesh Shinde [PRN: 2121121844017]**

**Under the guidance of
Prof.S.P.Kharde**



**Department of Electronics & Computer Engineering
Shreyash College of Engineering and Technology,
Aurangabad, Maharashtra State, India
(2022-2023)**



Dr. Babasaheb Ambedkar Technological University Aurangabad (M.S.)

CERTIFICATE

This is to certify that, the project "Heat Sensor" submitted by Om Kamble and Ganesh Shinde have done bonafide work completed under supervision and guidance of Prof.S.P.Kharde and it is submitted towards the partial fulfilment for award of Bachelor of Technological. (Electronics & Computer Engineering) Degree of Dr. Babasaheb Ambedkar Technological University, Lonere, Raigad.

Place: Aurangabad

Date:

SEAL



Prof.S.P.Kharde

Guide

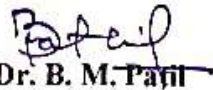
Electronics & Computer Engineering



Dr.J.R.Mahajan

HOD

Electronics & Computer Engineering



Dr. B. M. Patil

Principal

Shreeyash College of Engineering and Technology

Seminar Report
On
“WIRELESS ENERGY TRANSFER”

Submitted By
SOURABH RATHOD [2422]

Under the guidance of
PROF. A.S. PINGALE



Department of Electronics & Computer Engineering
Shreyash College of Engineering and Technology, Aurangabad,
Maharashtra State, India
(2022-2023)

CERTIFICATE

This is to certify that, the project entitled, "WIRELESS ENERGY TRANSFER" submitted by Sourabh Rathod have done bonafide work completed under supervision and guidance of Prof. Amruta Pingale and it is submitted towards the partial fulfillment for award of Bachelor of Technological. (Electronics & Computer Engineering) Degree of Dr. Babasaheb Ambedkar Technological University, Lonere, Raigad.

Place: Aurangabad

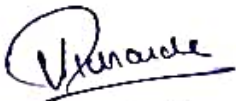
Date:




Prof. A.S. Pingale
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Dr. J. R Mahajan
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Prof. S.P. Kharde
Coordinator
Electronics & computer
engineering



Dr. B. M. Patil
Principal
Shreeyash College of Engineering and
Technology



Department of Electronics and Telecommunication
Shreeyash College of Engineering & Technology, Aurangabad, Maharashtra
2022 – 2023

Dissertation Report

On

“Traffic light control”

Submitted By

Shivraj Srinivas Kolte

the Degree of

Bachelor of Technology

(Electronics & Computer Engineering)

Guided by

Prof. Dr. Mahajan Sir

Department of Electronics and Computer Engineering
Shreeyash College of Engineering & Technology, Aurangabad, Maharashtra
2022- 2023

CERTIFICATE

This is to certify that, the Project work entitled "**Traffic light control**" submitted by ShivrAj Srinivas Kolte [PRN-21211218444051] ,is bonafide students of Shreeyash College of Engineering & Technology, Aurangabad. The work completed under my supervision and guidance in fulfilment for the award of Bachelor of Technology (Electronics and Computer Engineering), affiliated to Babasaheb Ambedkar Technological University, Lonere. (M.S., INDIA).



Prof. Jayant Mahajan Sir

Guide

Department of Electronics and
Computer Engineering



Prof. Jayant Mahajan Sir

HOD

Department of Electronics
and Computer Engineering



D.R. B.M. Patil

Principal

Shreeyash College of
Engineering & Technology,
Aurangabad

A
Seminar Report
On
“Wireless Doorbell Calling System”

By

Wakure Swaranjali (2464)

Arvikar Sakshi (2468)

Murkute kunal (2461)

Kale Shubham (2467)

For the Degree of

Bachelor of Technology

(Electronics & Computer Engineering)

Dr. Babasaheb Ambedkar Technological, University

Lonere (M.S.)



Department of Electronics and Computer


**Shreeyash College of Engineering & Technology,
Aurangabad, Maharashtra 2022 - 2023**

CERTIFICATE

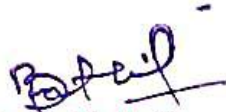
This is to certify that, the Project work entitled “**Wireless Doorbell Calling System**” submitted by **Sakshi Jagannath Arvikar [222112844502]** , **Swaranjali Santosh Wakure [222112844508]** , **Kunal Bharat Murkute [222112844513]** , **Shubham Valmik kale[222112844506]** is bonafide students of Shreeyash College of Engineering & Technology, Aurangabad. The work completed under my supervision and guidance in fulfilment for the award of Bachelor of Technology (Electronics and Computer Engineering), affiliated to **Babasaheb Ambedkar Technological University, Lonere. (M.S., INDIA).**



Prof. Dr. J. R. Mahajan
Guide
Department of Electronics
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Prof. Dr. J. R. Mahajan
HOD
Department of Electronics
and Computer Engineering



Dr. B. M. Patil

Principal

Shreeyash College of Engineering & Technology,
Aurangabad

A
Seminar Report
On
“Tyre Pressure Monitoring System”

By

- | | |
|------------------------------|---------------|
| 1. Sable Ketan Babasaheb | 2221121844511 |
| 2. Deshpande Shivam Surendra | 2221121844517 |
| 3. Hiwale Pooja Ambadas | 2221121844514 |
| 4. Muley Supriya Sudhakar | 2221121844512 |

For the Degree of
Bachelor of Technology
(Electronics & Computer Engineering)

Dr. Babasaheb Ambedkar Technological, University
Lonere (M.S.)

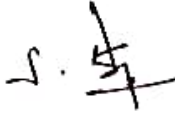


Department of Electronics and Telecommunication
Shreyash College of Engineering & Technology, Aurangabad, Maharashtra

2022 - 2023

CERTIFICATE

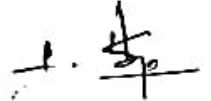
This is to certify that, the Project work entitled "**Tyre Pressure Monitoring System**" submitted by Sable Ketan Babasaheb (2221121844511), Deshpande Shivam Surendra (2221121844517), Hiwale Pooja Ambadas (2221121844514), Muley Supriya Sudhakar (2221121844512) is bonafide students of Shreeyash College of Engineering & Technology, Aurangabad. The work completed under my supervision and guidance in fulfilment for the award of Bachelor of Technology (Electronics and Telecommunication Engineering), affiliated to **Babasaheb Ambedkar Technological University, Lonere. (M.S., INDIA).**



Dr. J. R. Mahajan

Guide

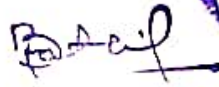
Department of
Electronics and
Computer Engineering



Dr. J. R. Mahajan

HOD

Department of
Electronics and
Computer Engineering



Dr. B. M. Patil

Principal

Shreeyash College of Engineering & Technology,
Aurangabad

Place: - Aurangabad

SEAL

Date: -

DR.BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY,

LONERE



A PROJECT REPORT ON

Water Sensor using Aurdino Board

Submitted by:

Aditya Krishna Borgoankar (2121121844015),

Yash Shahaji Bankar (2121121844043)

In the Partial Fulfilment of Second Year in Electrical Engineering of Dr.B.A.T.U

Under the Guidance of

Prof.S.P.Kharde

SHREEYASH PRATISHTHAN



MISSION EDUCATION
SHREEYASH COLLEGE OF ENGINEERING AND TECHNOLOGY,
AURANGABAD

DEPARTMENT OF ELECTRICAL ENGINEERING

Academic Year – 2022-2023

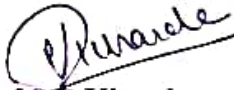
CERTIFICATE

This is to certify that, the Project "Water Sensor using Aurdino Board" is submitted by **Aditya Krishna Borgoankar (2121121844015), Yash Shahaji Bankar (2121121844043)** are bonafide students of Shreeyash College of Engineering & Technology, Aurangabad. The work is completed under my supervision and guidance in partial fulfilment for the award of second year degree in Electrical Engineering, affiliated to Dr. Babasaheb Ambedkar Technology University, Lonere for the academic year 2022-2023

Place: Aurangabad

Date: (27/12/2022)

11/3/23



Prof.S.P.Kharde

Project Guide

Dr. J.R. Mahajan

Head of Deapartment

Dr.V.M.Patil

Principal

SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY,
AURANGABAD

DR.BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE



A

PROJECT REPORT ON
FIRE ALARM DETECTOR -

Submitted by:
Walekar Laxmi Dhyaneshwar (2407)

In the Partial Fulfillment of Second Year in Electronic And Computer Engineering of.

Dr.B.A.T.U

Under the Guidance of

Prof. S.P. Kharde

SHREEYASH PRATISHTHAN



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AURANGABAD

DEPARTMENT OF ELECTRONIC AND COMPUTER
ENGINEERING (ECE)

ACADEMIC YEAR 2022-2023

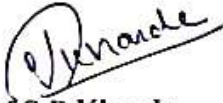
CERTIFICATE

This is to certify that, the Project "FIRE ALARM DETECTOR" is submitted by
LAXMI WALEKAR (2407)

Are bonafide students of Shreeyash College of Engineering & Technology, Aurangabad. The work is completed under my supervision and guidance in partial fulfilment for the award of second year degree in Electronic And Computer Engineering, affiliated to Dr. Babasaheb Ambedkar Technology University, Lonere for the academic year 20222023

Place: Aurangabad

Date: 10/03/2023



Prof.S.P.Kharde
Guide



DR.J.R. MAHAJAN
Head of Department

Dr.B.M.PATIL
PRINCIPAL

SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY,
AURANGABAD

A
Seminar Report
On
“DIRECT CURRENT CIRCUITS BREAKER”

By

Aditya Santosh Sevankar PRN no.2121121844003

For the Degree of
Bachelor of Technology
(Electronics & Computer Engineering)
Dr. Babasaheb Ambedkar Technological, University Lonere (M.S.)



Department of Electronics and Telecommunication
Shreeyash College of Engineering & Technology, Aurangabad,
Maharashtra

2022 - 2023

CERTIFICATE

This is to certify that, the Project work entitled "Direct current circuits breaker" submitted by Aditya Santosh Sevankar (2121121844003) is bonafide students of Shreeyash College of Engineering & Technology, Aurangabad. The work completed under my supervision and guidance in fulfilment for the award of Bachelor of Technology (Electronics and Telecommunication Engineering), affiliated to Babasaheb Ambedkar Technological University, Lonere. (M.S., INDIA).



Dr. J. R. Mahajan

Guide

Department of
Electronics and
Computer Engineering



Dr. J. R. Mahajan

HOD

Department of
Electronics and
Computer Engineering

Dr. B. M. Patil

Principal

Shreeyash College of Engineering & Technology,
Aurangabad

Place: - Aurangabad

SEAL

Date: -



Department of Electronics and Computer Science Engineering
Shreyash College of Engineering and Technology, Aurangabad

Maharashtra state, India
(2022-23)

Seminar Report

On

“FIRE DETECTOR ALARM”

Submitted by

Sayli kuikarni

In partial fulfillment for the award of

**Second year of Engineering (Electronics and Computer Science
Engineering)**

Guided by

Prof H G Ambhore



SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY, AURANGABAD DEPARTMENT OF
ELECTRONICS AND COMPUTER SCIENCE ENGINEERING

CERTIFICATE

This is to certify that, the project “**fire detector alarm**” submitted by

Sayli kulkarni is a bonafide work completed under supervision and guidance of
Prof H G Ambhore and it is submitted towards the partial fulfillment for award
of Bachelor of Engineering (Electronics and Computer Science Engineering)
Degree of Dr. Babasaheb Ambedkar Technological University, Lonere.

Prof H G Ambhore

GUIDE

Electronics and computer Science Engineering

Prof. Shaiia Kharde

SEMINAR COORDINATOR

Computer Science and Engineering

Dr. Jayant Mahajan

HOD

Electronics and computer Science Engineering

Place : Aurangabad

SEAL

Date : 9/12/2022

Seminar Report On

“LIGHT SENSITIVE TRIGGER”

Submitted By

Gayatri Sonawane

Pallavi Jadhav

Under the Guidance of

Prof H G Ambhore

In partial fulfillment for the award of

**SECOND YEAR OF ENGINEERING ELECTRONICS AND
COMPUTER SCIENCE ENGINEERING**



Dr. Babasaheb Ambedkar Technological University ,Lonere



SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY, AURANGABAD DEPARTMENT OF
ELECTRONICS AND COMPUTER SCIENCE ENGINEERING

CERTIFICATE

This is to certify that, the project “Light sensitive trigger” submitted by **Gayatri Sonawane** and **Pallavi Jadhav** is a bonafide work completed under supervision and guidance of **Prof H G Ambhore** and it is submitted towards the partial fulfillment for award of Bachelor of Engineering (Electronics and Computer Science Engineering) Degree of Dr. Babasaheb Ambedkar Technological University, Lonere

Prof H G Ambhore

Prof. Shaila Kharde

GUIDE

Electronics and Computer science
engineering

SEMINAR COORDINATOR

Electronics and Computer science
engineering

Dr. Jayant Mahajan

HOD

Electronics and computer Science Engineering

Place : Aurangabad

SEAL

Date : 9/12/2022

A
Project Report
On
“ Power Supply”

By
Vishal Aute - 2121121844037
Gaurav Warade - 2121121844030
Rohini Dakle - 2121121844047

For the Degree of
Bachelor of Technology
(Electronics & Computer Engineering)

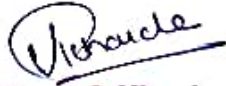
Dr. Babasaheb Ambedkar Technological, University
Lonere (M.S.)



Department of Electronics and Telecommunication
Shreyash College of Engineering & Technology, Aurangabad, Maharashtra
2022 - 2023

CERTIFICATE

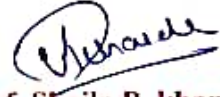
This is to certify that, the Project work entitled "**Power Supply**" submitted by Vishal aute(2121121844037), Gaurav Warade(2121121844030), Rohini Dakle(2121121844047) is bonafide students of Shreeyash College of Engineering & Technology, Aurangabad. The work completed under my supervision and guidance in fulfilment for the award of Bachelor of Technology (Electronics and Telecommunication Engineering), affiliated to **Babasaheb Ambedkar Technological University, Lonere. (M.S., INDIA).**



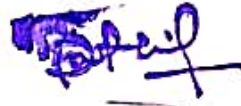
Prof. Shaila P Kharde
Guide
Department of Electronics
and Computer Engineering



Prof. Jayant Mahajan
HOD
Department of Electronics
and Computer Engineering



Prof. Shaila P Kharde
Project -Coordinator
Department of Electronics
and Computer Engineering



Dr. B.M. Patil
Principal
Shreeyash College of Engineering & Technology,
Aurangabad

A

Seminar Report

On

"Metal detector"

By

Sachin Kharat (2415)

Vishwa Chakma (2418)

For the Degree of

Bachelor of Technology

(Electronics & Computer Engineering)

Dr. Babasaheb Ambedkar Technological, University

Lonere (M.S.)



Department of Electronics and Computer

Shreeyash College of Engineering & Technology, Aurangabad, Maharashtra

2021 - 2022

Certificate

This is to certify that the project entitled "METAL DETECTOR " which is being submitted here with for the award of the **Second year** of Dr. Babasaheb Ambedkar Technological University, Lonere. This is the result of original research work contributed by **VISHWA CHAKMA & SACHIN KHARAT** under my guidance. The work embodied in this report has not formed earlier for the basis of the award of any degree of compatible certificate or similar title of this for other examining body of university to the best of knowledge and belief.

Place: Aurangabad.

Date:



Dr. A.N. Shaikh

Guide

Department of Electronics &
Computer Engineering



Dr. J.R. Mahajan

Head of Department

Department of Electronics &
Computer Engineering

Dr. B.M. Patil

Principal

Shreeyash College of Engineering
Aurangabad (M.S.)

A
Seminar Report
On
" Solar Mobile Charger "
By

Sanchi Vijaykumar Landge (2221121844524)

For the Degree of
Bachelor of Technology
(Electronics & Computer Engineering)

Dr. Babasaheb Ambedkar Technological, University
Lonere (M.S.)



Department of Electronics and Computer Engineering
Shreyash College of Engineering & Technology, Aurangabad,
Maharashtra

2022 - 2023

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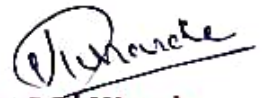
This is to certify that, the Project work entitled " **Solar Mobile Charger** " submitted by **Sanchi Vijaykumar Landge (2221121844524)** is bonafide students of Shreeyash College of Engineering & Technology, Aurangabad. The work completed under my supervision and guidance in fulfilment for the award of Bachelor of Technology (Electronics and Computer Engineering), affiliated to **Babasaheb Ambedkar Technological University, Lonere. (M.S., INDIA).**



Prof. Dr. J.R. Mahajan
Guide
Department of Electronics
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Engineering



Prof. Dr. J.R. Mahajan
HOD
Department of Electronics
and Computer
Engineering



Prof. S.P. Kharde
Project -Coordinator
Department of Electronics
and Computer
Engineering

Dr. B.M. Patil
Principal
Shreeyash College of Engineering & Technology,
Aurangabad

DR.BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY,
LONERE



A

PROJECT REPORT ON

Wireless Ac line Detector

Submitted by:

Tushar ahire (2401)

Sahil jeswal (2427)

Tanishq wavre(2439)

In the Partial Fulfillment of Second Year in Electrical Engineering of Dr.B.A.T.U

Under the Guidance of

Prof. S.P. kharde

SHREEYASH PRATISHTHAN



MISSION EDUCATION

**SHREEYASH COLLEGE OF ENGINEERING AND TECHNOLOGY,
AURANGABAD**

**DEPARTMENT OF ELECTRONIC AND COMPUTER
ENGINEERING (ECE)**

ACADEMIC YEAR 2022-2023

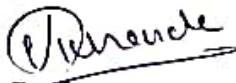
CERTIFICATE

This is to certify that, the Project "Wireless Ac Line Detector" is submitted by
Tanishq wavre (2439)
Tushar ahire (2401)
Sahil jeswal (2427)

Are bonafide students of Shreeyash College of Engineering & Technology,
Aurangabad. The work is completed under my supervision and guidance in partial
fulfilment for the award of second year degree in Electrical Engineering, affiliated to
Dr. Babasaheb Ambedkar Technology University, Lonere for the academic year 2022-
2023

Place: Aurangabad

Date: 10/03/2023


Prof. S.P. Kharde
Guide


DR. J.R. MAHAJAN
Head of Department

Dr. B.M. PATIL
PRINCIPAL
SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY,
AURANGABAD

A
Seminar Report
On
“ 3 digit up/down counter ”

By
PRITHIVIRAJ PRAKASH DAUD (2121121844041)
CHAITANTA PRALHD ZADE (2121121844052)

For the Degree of
Bachelor of Technology
(Electronics & Computer Engineering)

Dr. Babasaheb Ambedkar Technological, University
Lonere (M.S.)



Department of Electronics and Telecommunication
Shreyash College of Engineering & Technology, Aurangabad,
Maharashtra

2022 - 2023

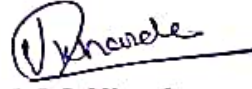
CERTIFICATE

This is to certify that, the Project work entitled " 3 digit up/down counter" submitted by PRITHIVIRAJ PRAKASH DAUD (2121121844041) , CHAITANTA PRALHD ZADE (2121121844052) is bonafide students of Shreeyash College of Engineering & Technology, Aurangabad. The work completed under my supervision and guidance in fulfilment for the award of Bachelor of Technology (Electronics and Telecommunication Engineering), affiliated to Babasaheb Ambedkar Technological University, Lonere. (M.S., INDIA).



DR.J.R.MAHAJAN

Guide
Department of Electronics
and Computer Engineering



Prof. S.P.Kharde

Project -Coordinator
Department of Electronics
and Computer Engineering



DR.J.R.MAHAJAN

HOD
Department of
Electronics and
Computer
Engineering

Dr.B.M.PATIL

Principal

Shreeyash College of Engineering & Technology,
Aurangabad

Place : Aurangabad

Date : 07/03/2023

A
Seminar Report

On

“HARTLEY AND COLPITTS OSCILLATOR”

Submitted By

- | | |
|--------------------------------------|------------------------|
| 1. GADEKAR TUSHAR SARDAR | (2221121844518) |
| 2. BONDARWAD AADARSH DIGAMBAR | (2221121844521) |
| 3. MURKUTE HRITIK BHARAT | (2221121844507) |
| 4. SUKASHE VAISHNAVI BALU | (2221121844520) |

Under the Guidance of
DR.J.R.MAHAJAN

In partial fulfillment for the award of

**SECOND YEAR OF ENGINEERING ELECTRONICS AND
COMPUTER ENGINEERING**



Dr. Babasaheb Ambedkar Technological University ,Lonere(M.S., INDIA).



SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY, AURANGABAD DEPARTMENT OF
ELECTRONICS AND COMPUTER SCIENCE ENGINEERING

CERTIFICATE

This is to certify that, the project “HARTLEY AND COLPITTS OSCILLATOR” submitted by above students GADEKAR TUSHAR SARDAR (2221121844518), BONDARWAD AADARSH DIGAMBAR (2221121844521) MURKUTE HRITIK BHARAT (2221121844507), SUKASHE VAISHNAVI BALU (2221121844520) is a bonafide work completed under supervision and guidance of **DR.J.R.MAHAJAN** and it is submitted towards the partial fulfillment for award of Bachelor of Engineering (Electronics and Computer Engineering) Degree of Dr. Babasaheb Ambedkar Technological University, Lonere(M.S., INDIA)..


DR.J.R.MAHAJAN

GUIDE
Electronics and Computer
engineering


DR.J.R.MAHAJAN

HOD
Electronics and Computer
engineering

DR.B.M.PATIL
PRINCIPLE
Shreeyash college of Engineering&Technology

Place : Aurangabad
Date : 21/02/2022

SEAL OF INSTITUTE

A
Mini Project Report
On
**“ +/- 5 volt or +/- 15 volt Power Supply by using the Linear Voltage
Regulator IC ”**

By

OM N. KULLI [2221121844501]
RITESH P. AMBEKAR [2221121844515]
KARTIK R. MORE [2221121844503]
AKSHAY A. WAGH [2221121844504]

For the Degree of
Bachelor of Technology
(Electronics & Computer Engineering)

Dr. Babasaheb Ambedkar Technological, University
Lonere (M.S.)



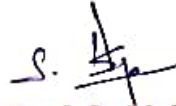
Department of Electronics and Computer Engineering
Shreyash College of Engineering & Technology, Aurangabad,
Maharashtra
2022 - 2023

CERTIFICATE

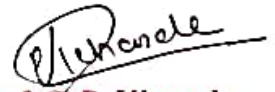
This is to certify that, the Project work entitled “ **+/- 5 Volt or +/- 15 Volt power supply by using Linear Voltage Regulator IC** ” submitted by **Om N. Kulli [2221121844501]**, **Ritesh P. Ambekar [2221121844515]** , **Kartik R. More [2221121844503]** , **Akshay A. Wagh [2221121844504]** is bonafide students of **Shreeyash College of Engineering & Technology, Aurangabad**. The work completed under my supervision and guidance in fulfilment for the award of Bachelor of Technology (Electronics and Computer Engineering), affiliated to **Dr. Babasaheb Ambedkar Technological University, Lonere. (M.S., INDIA)**.



Prof. Dr. J. R. Mahajan
Guide
Department of Electronics
and Computer Engineering



Prof. Dr. J. R. Mahajan
HOD
Department of Electronics
and Computer Engineering



Prof. S. P. Kharade
Project -Coordinator
Department of Electronics
and Computer Engineering



Dr. B. M. Patil
Principal
Shreeyash College of Engineering & Technology,
Aurangabad

Seminar Report
on
" Car Reverse Horn "

Submitted By
Harshal Ashok Chavan
Suraj digambar khude
Pavan lahu Dhangude
Malik Kalim Madar

Under the Guidance of

Prof. Dr.J.R. Mahajan

In partial fulfillment of the award of
SECOND YEAR (ELECTRONICS AND COMPUTER ENGINEERING)

Dr. Babasaheb
University



Ambedkar

Technological

Lonere (Maharashtra)



Department of Electronics And Computer Engineering
Shreeyash Collage of Eninnering and Technology,
Aurangabad (SambhajInagar)Maharashtra State ,India

(2022-23)





**SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY.
AURANGABAD (SAMBHAJINAGAR)
DEPARTMENT OF ELECTRONICS AND COMPUTER ENGINEERING**

CERTIFICATE

This is to certify that, the project "car reverse horn" submitted by
(**Harshal Chavan , Pavan Dhangude , Malik Madar, suraj khude**)
is a bonafide work completed under supervision and guidance of Prof.
J. RD Mahajan and it is submitted towards the partial fulfillment for
award of Bachelor of Technology (Electronics And Computer
Engineering) Degree of Dr. Babasaheb Ambedkar Technological
University, Lonere, Maharashtra.

Prof. Dr. J.R. Mahajan

Guide

Electronics And Computer Engineering
Engineering

Prof. S. P. kharde

Seminar Coordinator
Electronics And Computer

Dr. J. R. Mahajan

HOD

Electronics And Computer Engineering



A
Project/Seminar Report
On
“Adjustable Regulated Power Supply Unit”

By
(Rushika Aute)
(PRN No. 212121844036)
(Radhika Kardile)
(PRN No.2121121844031)

For the Degree of
Bachelor of Technology
(Electronics & Telecommunication Engineering)

Dr. Babasaheb Ambedkar Technological, University
Lonere (M.S.)



Department of Electronics and Telecommunication
Shreyash College of Engineering & Technology, Aurangabad,
Maharashtra

2018 - 2019

Certificate

This is to certify that the project entitled "Adjustable Regulated Power Supply Unit" which is being submitted here with for the award of the Degree of Bachelor of Engineering of Dr. Babasaheb Ambedkar Marathawada University, Aurangabad. This is the result of original research work contributed by **Rushika Aute, Radhika Kardile** under my guidance. The work embodied in this report has not formed earlier for the basis of the award of any degree of compatible certificate or similar title of this for other diploma/examining body of university to the best of knowledge and belief.

Place: Aurangabad.

Date:



Prof. Dr. Jayant Mahajan Sir

Guide

Department of Electronics &
Telecommunication Engineering



Prof Dr. Jayant Mahajan Sir

Head of Department

Department of Electronics &
Telecommunication Engineering

Dr. B. M. Patil Sir

Principal

Shreeyash College of Engineering

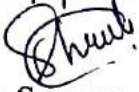
Aurangabad (M.S.)

CERTIFICATE

This is to certify that, the Seminar work entitled "" submitted by **Rathod Rohidas S. (3429)** is bonafide students of Shreeyash College of Engineering & Technology, Aurangabad. The work completed under my supervision and guidance in partial fulfilment for the completion of Second Year Seminar work of Second Year Bachelor of Technology (B.Tech) Engineering (Electronics & Tele-Communication Engineering), affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere.

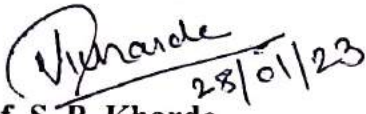
Place: Aurangabad

Date: 28/1/2023


Prof. S. S. Sonone


Guide

Department of Electronics and
Telecommunication Engineering


Prof. S. P. Kharde
Coordinator
Department of Electronics and
Telecommunication Engineering


Dr. J. R. Mahajan

Head of Department of
Electronics and
Telecommunication Engineering


Dr. B. M. Patil
Principal
Shreeyash College of Engineering &
Technology, Aurangabad

**Dr. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY
LONERE, RAIGAD, MAHARASHTRA**



PROJECT REPORT

On

“LPG GAS DETECTION SYSTEM”

Submitted by

Dipak Vilas Thorat (3411)

Shweta Manmohan Manmothe (3419)

Rohan Bhimrao Talware (3413)

Under the Guidance of

Prof. A.D.Ghuge

In partial fulfilment for the award of

Bachelors Degree in Electronics & Telecommunication Engineering



Department of Electronics and Telecommunication Engineering

Shreyash College of Engineering and Technology

Aurangabad, Maharashtra state, India

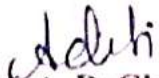
(2022-23)

CERTIFICATE

This is to certify that the project report entitled "LPG GAS DETECTION SYSTEM" which is being submit By **Dipak.V.Thorat,Shweta.M.manmothe,Rohan.b.Talware** PRN NO (21211213725)(07,09,15) herewith for the award of the B.Tech in Electronics & Telecommunication Engineering of Dr. Babasaheb Ambedkar Technological University, Lonere.This is the result of the original research work and contribution by under my supervision and guidance. The work embodied in this dissertation has not formed earlier for the basis of the award of any degree or compatible certificate or similar title of this for any other diploma / examination body or university to the best of my knowledge and belief.

Place: Aurangabad

Date: 30/12/2022


Prof. A. D. Gluge
Guide

Electronics and Telecommunication
Engineering


Prof. S.P.Kharade
Coordinator

Electronics and Telecommunication
Engineering


Dr. J.R MAHAJAN
Head of Department

Electronics and Telecommunication
Engineering Aurangabad


Dr. B.M PATIL
Principal

Shreeyash College of Engineering and
Technology, Aurangabad

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Of Dr. BABASAHEBAMBEDKAR TECHNOLOGICAL UNIVERSITY

LONERE, RAIGAD, MAHARASHTRA



Mini project Report

On

“CELL PHONE DETECTOR”

Submitted by

Mr. Devanand D. Salve (3448)

the Guidance of

Prof. H.G. Ambhure

In partial fulfilment for the award of

Bachelors Degree in Electronics and Telecommunication
Engineering



Department of Electronics and Telecommunication
Engineering

Shreeyash College of Engineering and Technology
Aurangabad, Maharashtra state, India (2021-22)

CERTIFICATE


This is to certify that, the Seminar work entitled "**Cell Phone Detector**" submitted by **Mr. Devanand D. Salve- 3448** is / are bonafide student/s of Shreeyash College of Engineering & Technology, Aurangabad. The work completed under my supervision and guidance in partial fulfillment for the completion of Second Year Seminar work of Second Year Bachelor of Technology (B.Tech) Engineering (Electronics & Tele-Communication Engineering), affiliated to Dr. Babasaheb Ambedkar Technological University.

Place: Aurangabad

Date:



Prof. H.G. Ambhore
Guide



Prof. S. P. Kharde
coordinator

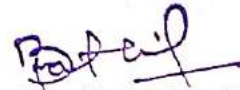
Department of Electronics & Tele-
Communication Engineering.

Department of Electronics &
Tele-Communication Engineering



Prof. Dr. J. R. Mahajan
Head

Department of Electronics & Tele-
Communication Engineering



Dr. B. M. Patil
Principal

Shreeyash College of Engineering
& Technology, Aurangabad

A
Mini Project Report On
“ Logic Gates ”

By

Ms. Arti Tupe (T2021121372547)
Ms. Pooja Tupe (T2121121372546)
Ms. Ashwini Borse (T2021121372533)
Ms. Dipali Bavaskar (T2021121372535)

For the Degree of
Bachelor of Technology
(Electronics & Telecommunication Engineering)
Guided By
Prof.A.S.Pingale

Dr. Babasaheb Ambedkar Technological, University
Lonere (M.S.)



Department of Electronics and Telecommunication
Shreyash College of Engineering & Technology, Aurangabad,

CERTIFICATE

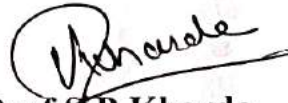
This is to certify that, the Project work entitled "Logic Gates" submitted by Arti Tupe (T2121121372547), Pooja Tupe (T2021121372546), Ahwini Borse (T2021121372533), Dipali Bavaskar (T2021121372535) is bonafide students of Shreeyash College of Engineering & Technology, Aurangabad. The work completed under my supervision and guidance in fulfilment for the award of Bachelor of Technology (Electronics and Telecommunication Engineering), affiliated to Babasaheb Ambedkar Technological University, Lonere. (M.S., INDIA).



Prof.A.S.Pingale

Guide

Department of Electronics
and Telecommunication
Engineering



Prof.S.P.Kharde

Project -Coordinator

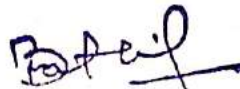
Department of Electronics
and Telecommunication
Engineering



Dr.J.R.Mahajan

HOD

Department of Electronics
and Telecommunication
Engineering



Dr.B.M.Patil

Principal

Shreeyash College of Engineering & Technology,
Aurangabad

"Empowering People for Global Competitiveness"

**DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY,
LONERE**

ULTRASONIC GLASSES FOR BLINDS

For the Degree of

Bachelor of Technology

(Electronics & Tele-Communication Engineering)

Submitted by

NARAYAN MADHUKAR GHATUL (2121121372502)

SHYAM DIGAMBAR MORE (2121121372506)

DIPALI DEVIDAS ADHAV (2121121372511)

Guided By

Prof. S. S. Gadekar



**Department of Electronics and Tele-Communication Engineering,
Shreyash College of Engineering & Technology, Aurangabad
(2022 - 2023)**

CERTIFICATE

This is to certify that, the Project work entitled "Ultrasonic Glasses For Blinds" submitted by Narayan Madhukar Ghatul (2121121372502), Shyam Digambar More (2121121372506), Dipali Devidas Adhav (2121121372511) is bonafide students of Shreeyash College of Engineering & Technology, Aurangabad. The work completed under my supervision and guidance in fulfilment for the award of Bachelor of Technology (Electronics and Telecommunication Engineering), affiliated to Babasaheb Ambedkar Technological University, Lonere. (M.S., INDIA).



Prof. S. S. Gadekar
Guide

Department of Electronics
and Telecommunication
Engineering



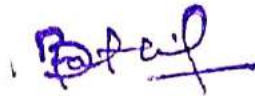
Prof. Dr. J. R. Mahajan
HOD

Department of Electronics
and Telecommunication
Engineering



Prof. S. P. Kharde
Project -Coordinator

Department of Electronics
and Telecommunication
Engineering



Dr. B. M. Patil
Principal

Shreeyash College of Engineering & Technology,
Aurangabad

**Project Report
On**

**“ BATTERY CHARGING WITH OVER
CURRENT PROTECTION”**

Submitted By -

**Vishal Deshmukh
(3403)**

**In partial fulfillment for the award of
BACHELOR OF TECHNOLOGY ELECTRONICS &
TELECOMMUNICATION**



Dr. Babasaheb Ambedkar Technological University Lonere (M.S.)

**Guided by
Prof. S.S.Gadekar**



**Department of Electronics and Telecommunication
Shreyash College of Engineering and Technology, Aurangabad
(2022-2023)**



**SHREEYASH COLLEGE OF ENGINEERING & TECHNOLOGY,
AURANGABAD
DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION**

CERTIFICATE

This is to certify that, the project "Battery Charging With Over Current Protection"
submitted by

Vishal Deshmukh (3403)

is a bonafide work completed under supervision and guidance of Prof. S.S.Gadekar
and it is submitted towards the partial fulfillment for award of Bachelor of Technology
(Electronics & Telecommunication) Degree of Dr. Babasaheb Ambedkar Technological
University, Lonere, Raigad (M.S).

**Prof. S.S.Gadekar
GUIDE**

Electronics & Telecommunication

**Prof. S.P.Kharde
PROJECT COORDINATOR
Electronics & Telecommunication**

**Dr. J.R.Mahajan
HOD**

Electronics & Telecommunication

**Dr. B.M.Patil
PRINCIPAL**

**Shreeyash College of
Engineering and Technology**

Place : Aurangabad

Date :

A

Mini Project Report

On

“Temperature And Pressure Sensor”

By

Avinash Mhaske [3414]

Onkar Pohekar [3447]

For the Degree of

Bachelor of Technology

(Electronics & Telecommunication Engineering)

Dr. Babasaheb Ambedkar Technological, University

Lonere (M.S.)



Department of Electronics and Telecommunication

Shreyash College of Engineering & Technology, Aurangabad, Maharashtra

2022 – 2023

CERTIFICATE

This is to certify that, the Project work entitled "**Temperature and Pressure Sensor**" submitted by **Avinash Mhaske [3414]** **Onkar Pohekar [3447]** are Bonafedestudents of Shreeyash College of Engineering & Technology, Aurangabad. The work completed under my supervision and guidance in fulfilment for the award of Bachelor of Technology (Electronics and Telecommunication Engineering), affiliated to **Babasaheb Ambedkar Technological University, Lonere. (M.S., INDIA).**



Prof. S. S. Sonone
Guide
Department of Electronics and
Telecommunication
Engineering



Prof. S. P. Kharde
Project -Coordinator
Department of Electronics and
Telecommunication
Engineering



Dr. J. R. Mahajan
HOD
Department of Electronics
and Telecommunication
Engineering



Dr. B. M. Patil Principal

Shreeyash College of Engineering & Technology,
Aurangabad

A

Mini Project Report On
“ Microcontroller Password based security lock ”

By

Payal yadav [T2121121372543]

Yash Gangawane[T2121121372538]

Yogesh Balande [T2121112147263]

Prathamesh Athawale [T212112372541]

For the Degree of
Bachelor of Technology
(Electronics & Telecommunication Engineering)

Dr. Babasaheb Ambedkar Technological,
University Lonere (M.S.)



Department of Electronics and Telecommunication
Shreyash College of Engineering & Technology, Aurangabad,
Maharashtra

2022 - 2023

CERTIFICATE

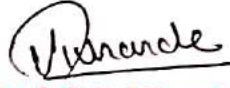
This is to certify that, the Project work entitled "**Microcontroller password based security lock**" submitted by Payal Yadav (T2121121372543), Yash Gangawane (T2121121372538), Yogesh Balande (T2121121372563), Prathamesh Athawale (T2121121372541) is bonafide students of Shreeyash College of Engineering & Technology, Aurangabad. The work completed under my supervision and guidance in fulfillment for the award of Bachelor of Technology (Electronics and Telecommunication Engineering), affiliated to Babasaheb Ambedkar Technological University, Lonere. (M.S., INDIA).



Prof. Hemant .G. Ambhore

Guide

Department of Electronics
and Telecommunication
Engineering



Prof. S.P. Kharde

Project -Coordinator

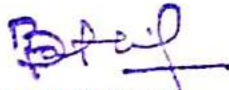
Department of
Electronics and
Telecommunication
Engineering



Dr. J. R. Mahajan

HOD

Department of Electronics
and Telecommunication
Engineering



Dr. B.M. Patil

Principal

Shreeyash College of Engineering & Technology,
Aurangabad

A
Mini Project Report
On
“Human’s Sensed Automatic Door Opening System”

By
Jyoti Ghaytadak (PRN No. – T2121121372534)
Abhishek Gosavi (PRN No.-T2121121372520)
Snehal More (PRN No.-T2121121372552)
Aditya Mhaske (PRN No.- T2121121372532)

For the Degree of
Bachelor of Technology
(Electronics & Telecommunication Engineering)

Dr. Babasaheb Ambedkar Technological, University
Lonere (M.S.)

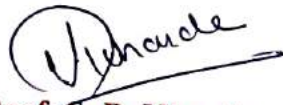


Department of Electronics and Telecommunication
Shreyash College of Engineering & Technology, Aurangabad,
Maharashtra

2022 - 2023

CERTIFICATE

This is to certify that, the Project work entitled “ **Human’s Sensed Automatic Door Opening System**” submitted by Jyoti Ghayதாக (PRN No. – T2121121372534) Abhishek Gosavi (PRN No.T2121121372520) Snehal More (PRN No.- T2121121372552) Aditya Mhaske (PRN No.- T2121121372532) is bonafide students of Shreeyash College of Engineering & Technology, Aurangabad. The work completed under my supervision and guidance in fulfilment for the award of Bachelor of Technology (Electronics and Telecommunication Engineering), affiliated to Babasaheb Ambedkar Technological University, Lonere. (M.S., INDIA).



Prof. S. P. Kharde

Guide

Department of Electronics and
Telecommunication
Engineering



Dr J.R. Mahajan

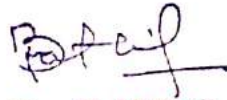
HOD

Department of Electronics
and Telecommunication
Engineering



Prof. S. P. Kharde

Project -Coordinator
Department of Electronics
and Telecommunication
Engineering



Dr. B. M Patil

Principal

Shreeyash College of Engineering & Technology,

Aurangabad

**Dr. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY
LONERE, RAIGAD, MAHARASHTRA**



PROJECT REPORT

On

“LPG GAS DETECTION SYSTEM”

Submitted by

Dipak Vilas Thorat (3411)

Shweta Manmohan Manmothe (3419)

Rohan Bhimrao Talware (3413)

Under the Guidance of

Prof. A.D.Ghuge

In partial fulfilment for the award of

Bachelors Degree in Electronics & Telecommunication Engineering



MISSION EDUCATION

Department of Electronics and Telecommunication Engineering

Shreyash College of Engineering and Technology

Aurangabad, Maharashtra state, India

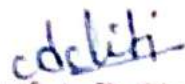
(2022-23)

CERTIFICATE

This is to certify that the project report entitled "LPG GAS DETECTION SYSTEM" which is being submit By Dipak.V.Thorat,Shweta.M.manmothe,Rohan.b.Talware PRN NO (21211213725)(07,09,15) herewith for the award of the B.Tech in Electronics & Telecommunication Engineering of Dr. Babasaheb Ambedkar Technological University, Lonere.This is the result of the original research work and contribution by under my supervision and guidance. The work embodied in this dissertation has not formed earlier for the basis of the award of any degree or compatible certificate or similar title of this for any other diploma / examination body or university to the best of my knowledge and belief.

Place: Aurangabad

Date: 30/12/2022



Prof. A. D. Ghuge
Guide

Electronics and Telecommunication
Engineering



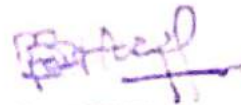
Prof. S.P.Kharade
Coordinator

Electronics and Telecommunication
Engineering



Dr. J.R MAHAJAN
Head of Department

Electronics and Telecommunication
Engineering Aurangabad



Dr. B.M PATIL
Principal

Shreeyash College of Engineering and
Technology, Aurangabad

A
Project Report
On
“ DESIGN OF DIFFERENT OSCILLATOR ”

By
ROHIT RAVINDRA MULEY 3421
ASHLESH DNYANESHWAR GAWALI 3420
ABHISHEK BORALE 3405

For the Degree of
Bachelor of Technology
(Electronics & Telecommunication Engineering)

Dr. Babasaheb Ambedkar Technological, University
Lonere (M.S.)



Department of Electronics and Telecommunication
Shreyash College of Engineering & Technology, Aurangabad, Maharashtra
2022 – 2023

CERTIFICATE

This is to certify that, the Project work entitled "**DESIGN OF DIFFERENT OSCILLATOR**" submitted by **ROHIT RAVINDRA MULEY 3421,ASHLESH DNYANESHWAR GAWALI 3420,ABHISHEK BORALE 3405** is bonafide students of Shreeyash College of Engineering & Technology, Aurangabad. The work completed under my supervision and guidance in fulfilment for the award of Bachelor of Technology (Electronics and Telecommunication Engineering), affiliated to **Babasaheb Ambedkar Technological University, Lonere. (M.S., INDIA).**



Prof. H.G. Ambhore

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Prof. S.P. Kharade

Project Co-ordinator

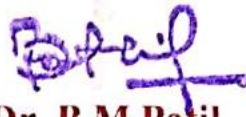
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Prof. J. R. Mahajan

HOD

Department of Electronics
and Telecommunication
Engineering



Dr. B.M. Patil

Principal

Shreeyash College of Engineering & Technology,
Aurangabad

A
Mini Project Report
On
“ Hybrid power generator plant”

By
Urmika Sunil Dongre [T2121121372536]
Shoef Aziz Khan [T2121121372551]

For the Degree of
Bachelor of Technology
(Electronics & Telecommunication Engineering)

Dr. Babasaheb Ambedkar Technological, University Lonere
(M.S.)



Department of Electronics and Telecommunication
Shreyash College of Engineering & Technology, Aurangabad, Maharashtra

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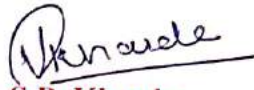
This is to certify that, the Project work entitled "**Hybrid Power generator plant**" submitted by **Urmika Sunil Dongre (T2121121372536)**, **Shoef Aziz Khan (T2121121372551)** is bonafide students of **Shreeyash College of Engineering & Technology, Aurangabad**. The work completed under my supervision and guidance in fulfillment for the award of Bachelor of Technology (Electronics and Telecommunication Engineering), affiliated to **Babasaheb Ambedkar Technological University, Lonere. (M.S., INDIA)**.



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S.P. Kharde

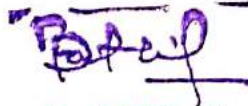
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Dr. B.M. Patil

Principal

Shreeyash College of Engineering & Technology,
Aurangabad

A
Project/Seminar Report
On
“BLINK LIGHTING ON MUSIC SYSTEMS”

By

Name of Student

ANIL PANDIT BABHULKAR [PRN NO T2121121372529]
SATYAVAN SANGRAM BHANDARE [PRN NOT2121121372566]
SIDDHESHWAR RAMLING SWAMI [PRN NOT2121121372561]

For the Degree of

Bachelor of Technology

(Electronics & Telecommunication Engineering)

Dr. Babasaheb Ambedkar Technological, University
Lonere (M.S.)



Department of Electronics and Telecommunication
Shreyash College of Engineering & Technology, Aurangabad,
Maharashtra

2022–2023

CERTIFICATE

This is to certify that, the Project work entitled "**BLINK LIGHTING ON MUSIC SYSTEMS**" submitted by **ANIL PANDIT BABHULKAR [PRN NO T2121121372529]**, **SATYAVAN SANGRAM BHANDARE [PRN NO T2121121372566]** & **SIDDHESHWAR RAMLING SWAMI [PRN NO T2121121372561]** is bonafide students of Shreeyash College of Engineering & Technology, Aurangabad. The work completed under my supervision and guidance in fulfilment for the award of Bachelor of Technology (Electronics and Telecommunication Engineering), affiliated to **Babasaheb Ambedkar Technological University, Lonere. (M.S., INDIA).**



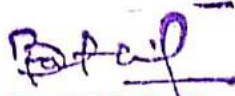
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Project -Coordinator
Department of Electronics
and Telecommunication
Engineering



Dr. B.M. Patil
Principal
Shreeyash College of Engineering & Technology,
Aurangabad

A
Project Report
On
"TURBINE POWER GENERATION"

By
Akanksha Jagdish Sonawane [T2121121372531]
Simita Tukaram Gawai [T2121121372526]
Tejas Gajanan Zine [T2121121372530]

For the Degree of
Bachelor of Technology
(Electronics & Telecommunication Engineering)

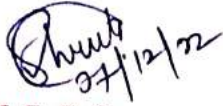
Dr. Babasaheb Ambedkar Technological, University
Lonere (M.S.)



Department of Electronics and Telecommunication
Shreyash College of Engineering & Technology, Aurangabad, Maharashtra
2022 – 2023

CERTIFICATE

This is to certify that, the Project work entitled "**TURBINE POWER GENERATION**" submitted by **Akanksha Jagdish Sonawane (T2121121372531)**, **Simita Tukarm Gawai (T2121121372526)**, **Tejas Gajanan Zine (T2121121372530)** is bonafide students of Shreeyash College of Engineering & Technology, Aurangabad. The work completed under my supervision and guidance in fulfilment for the award of Bachelor of Technology (Electronics and Telecommunication Engineering), affiliated to **Babasaheb Ambedkar Technological University, Lonere. (M.S., INDIA)**.



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Guide

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and Telecommunication
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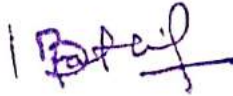
Prof. S.P. Kharade
Project Co-ordinator

Department of Electronics
and Telecommunication
Engineering



Prof. J. R. Mahajan
HOD

Department of Electronics
and Telecommunication
Engineering



Dr. B.M. Patil
Principal

Shreeyash College of Engineering & Technology,
Aurangabad

A

Mini Project Report

On

“Solar Based Mobile Charger”

By

Anurag Patil [2121121372523]

Shivraj Murkut [2121121372527]

For the Degree of

Bachelor of Technology

(Electronics & Telecommunication Engineering)

Dr. Babasaheb Ambedkar Technological, University

Lonere (M.S.)



Department of Electronics and Telecommunication

Shreeyash College of Engineering & Technology, Aurangabad, Maharashtra

2022 – 2023

CERTIFICATE

This is to certify that, the Project work entitled "**Solar Based Mobile Charger**" submitted by **Anurag Patil [2121121372523]**, **Shivraj Murkut [2121121372527]** are bonafide students of Shreeyash College of Engineering & Technology, Aurangabad. The work completed under my supervision and guidance in fulfilment for the award of Bachelor of Technology (Electronics and Telecommunication Engineering), affiliated to **Babasaheb Ambedkar Technological University, Lonere. (M.S., INDIA)**.



Prof. S. S. Sonone
Guide
Department of Electronics
and Telecommunication
Engineering



Prof. S. P. Kharade
Project -Coordinator
Department of Electronics
and Telecommunication
Engineering



Dr. J. R. Mahajan
HOD
Department of Electronics
and Telecommunication
Engineering



Dr. B. M. Patil
Principal
Shreeyash College of Engineering & Technology,
Aurangabad

A
Mini Project Report
On
SMART IRRIGATION SYSTEM

Submitted By,

Mayuri Bankar [3425]

Shrushti Swami [3452]

Akash Kute [3440]

Akshay More [3412]

For the Degree of

Bachelor of Technology

(Electronics & Telecommunication Engineering)

Dr. Babasaheb Ambedkar Technological, University Lonere (M.S.)



Department of Electronics and Telecommunication
Shreeyash College of Engineering & Technology, Aurangabad,
Maharashtra

CERTIFICATE

This is to certify that, the Project work entitled "**Smart irrigation system**" submitted by **Mayuri Bankar [3425], Shrushti Swami [3452], Akash Kute, [3440], Akshay More [3412]** is bonafide students of Shreeyash College of Engineering & Technology, Aurangabad. The work completed under my supervision and guidance in fulfilment for the award of Bachelor of Technology (Electronics and Telecommunication Engineering), affiliated to **Babasaheb Ambedkar Technological University, Lonere. (M.S., INDIA).**



Dr. J. R. MAHAJAN

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Prof. S. P. Kharde

Project -Coordinator

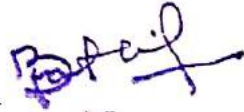
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and Telecommunication
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HOD

Department of Electronics
and Telecommunication
Engineering



Dr. B. M. PATIL

Principal

Shreeyash College of Engineering & Technology,
Aurangabad

A
Mini Project Report
On
“Electricity Generation Using Speed Breaker”

By
Ms. Vaishali Mhaske (T2121121372518)
Mr. Kishor Kale (T2021121372002)
Mr. Vishnu Survase (T2021121372009)

For the Degree of
Bachelor of Technology
(Electronics & Telecommunication Engineering)

Guided By
Dr.A.N.Shaikh

Dr. Babasaheb Ambedkar Technological, University
Lonere (M.S.)



Department of Electronics and Telecommunication
Shreyash College of Engineering & Technology, Aurangabad,
Maharashtra

2022- 2023

CERTIFICATE

This is to certify that, the Project work entitled "**Electricity Generation Using Speed Breaker**" submitted by Vaishali Mhaske(T2121121372518), Kishor Kale(T2021121372002), Vishnu Survase(T2021121372009) is bonafide students of Shreeyash College of Engineering & Technology, Aurangabad. The work completed under my supervision and guidance in fulfilment for the award of Bachelor of Technology (Electronics and Telecommunication Engineering), affiliated to **Babasaheb Ambedkar Technological University, Lonere. (M.S., INDIA).**



Dr.A.N.Shaikh

Guide

Department of Electronics
and Telecommunication
Engineering



Prof.S.P.Kharde

Project -Coordinator


Department of Electronics
and Telecommunication
Engineering



Dr.J.R.Mahajan

HOD

Department of Electronics
and Telecommunication
Engineering



Dr.B.M.Patil

Principal

Shreeyash College of Engineering & Technology,
Aurangabad

A
Mini Project Report

On
“Application of Adder, Subtractor by using op-amp”

By

Mr. Rahul Bansode (T2121121372559)
Mr. Laxman Panchal (T2121121372521)
Mr. Nitin Savale (2021122018113721005)
Mr. Ramakant Saykar (T2021121372065)

For the Degree of
Bachelor of Technology
(Electronics & Telecommunication Engineering)

Guided By
Prof. S. P. Kharde

Dr. Babasaheb Ambedkar Technological, University
Lonere (M.S.)



Department of Electronics and Telecommunication
Shreyash College of Engineering & Technology, Aurangabad,
Maharashtra

2022- 2023

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This is to certify that, the Project work entitled "**Application of Adder, Subtractor by using op-amp**" submitted by **Rahul Santosh Bansode (T2121121372559)**, **Laxman Machhindra Panchal (T2121121372521)**, **Nitin Ashok Savale (2021122018113721005)**, **Ramakant Hemant Saykar (T2021121372065)** is bonafide students of Shreeyash College of Engineering & Technology, Aurangabad. The work completed under my supervision and guidance in fulfilment for the award of Bachelor of Technology (Electronics and Telecommunication Engineering), affiliated to **Babasaheb Ambedkar Technological University, Lonere. (M.S., INDIA).**



Prof. S. P. Kharde

Guide

Department of Electronics
and Telecommunication
Engineering



Prof. S. P. Kharde

Project -Coordinator

Department of Electronics
and Telecommunication
Engineering



Dr. J. R. Mahajan

HOD

Department of Electronics
and Telecommunication
Engineering



Dr. B. M. Patil

Principal

Shreeyash College of Engineering & Technology,
Aurangabad



**DR. BABASAHEB AMBEDKAR Technological University, Lonere,
Maharashtra**

A

Project

Report On

River cleaning robot

Submitted by

Tejal Aaram Mhaske

(Prn no 2021121372041)

Nilesh Omprakash choudhari

(Prn no 2021121372040)

Mayuri Sheshrao Khobragade

(Prn no 2021121372048)

Dnyaneshwar Bajirao Sirame

(Prn no 2021121372063)

In partial fulfilment for the award of

BTech degree in Electronic and Telecommunication Engineering

Guided By

Dr. A. N. Shaikh



Department of Electronic and Telecommunication Engineering,

Shreyash College of Engineering & Technology, Aurangabad

(2022 - 2023)

CERTIFICATE

This is to certify that, the project work entitled "River cleaning robot" submitted by "Tejul Aaram Mhaske (Prn no 2021121372041), Nilesh Omprakash choudhari (Prn no 2021121372040), Mayuri sheshrao khobragade (Prn no 2021121372048), Dnyaneshwar Bajirao Srime (Prn no 2021121372063)" is bonafide students of Shreeyash College of Engineering & Technology, Aurangabad. The work completed under my supervision and guidance in partial fulfillment for the award of BTech Degree of Electronic and Telecommunication Engineering, affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere (M.S.INDIA).

Place: Aurangaad

Date:


Dr. A. N. Shalkh

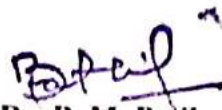
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Telecommunication
Engineering


Dr. J. R. Mahajan

Head

Department of Electronic and
Telecommunication
Engineering


Dr. B. M. Patil

Principal

Shreeyash College of Engineering
& Technology Aurangabad

A
Project Report
On
“Finger Print Base Bike Security System”

By
Gajanan Ramdas Patil [PRN: 2021121372043]
Abhinav Sopanrao Solunke [PRN: 2021121372053]

For the Degree of
Bachelor of Technology
(Electronics & Telecommunication Engineering)

Dr. Babasaheb Ambedkar Technological, University
Lonere (M.S.)




Department of Electronics and Telecommunication
Shreyash College of Engineering & Technology, Aurangabad, Maharashtra

2022 - 2023

CERTIFICATE

This is to certify that, the Project work entitled "**Finger Print Base Bike Security System**" submitted by **Gajanan Ramdas Patil (PRN NO. 2021121372043)** and **Abhinav Sopanrao Solunke [PRN NO. 2021121372053]** is bonafide students of Shreeyash College of Engineering & Technology, Aurangabad. The work completed under my supervision and guidance in fulfilment for the award of Bachelor of Technology (Electronics and Telecommunication Engineering), affiliated to **Babasaheb Ambedkar Technological University, Lonere. (M.S., INDIA).**



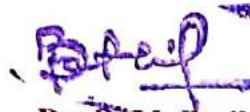
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Dr. J. R. Mahajan
HOD

Department of Electronics
and Telecommunication
Engineering



Dr. B. M. Patil
Principal

Shreeyash College of Engineering & Technology,
Aurangabad

A
Project Report
On
“Automatic Human Following Trolley using Raspberry pi”

By
Shette Rutuja Shivaraj [2021121372042]
Khadse Nikita Naresh [2021121372047]
Singh Rajesh Bipin [2021121372022]
Raut Bapoo Dajiba [2021121372007]

For the Degree of
Bachelor of Technology
(Electronics & Telecommunication Engineering)
Dr. Babasaheb Ambedkar Technological, University
Lonere (M.S.INDIA)



Department of Electronics and Telecommunication
Shreyash College of Engineering & Technology, Aurangabad,
Maharashtra

2022 - 2023

CERTIFICATE

This is to certify that, the Project work entitled "Automatic Human Following Trolley using Raspberry pi" submitted by Rutuja S. Shette, Nikita N. Khadse, Rajesh B. Singh, Bapoo D. Raut (20211213720-42,47,22,07) is bonafide students of Shreeyash College of Engineering & Technology, Aurangabad. The work completed under my supervision and guidance in fulfilment for the award of Bachelor of Technology (Electronics and Telecommunication Engineering), affiliated to Babasaheb Ambedkar Technological University, Lonere. (M.S., INDIA).




Prof. S.S. Gadekar
Guide
Department of Electronics
and Telecommunication
Engineering



Prof. S.P. Kharade
Project Co-ordinator
Department of Electronics
and Telecommunication
Engineering



Prof. J.R. Mahajan
HOD
Department of Electronics
and Telecommunication
Engineering



Dr. B.M. Patil
Principal
Shreeyash College of Engineering & Technology,
Aurangabad

A
Project Report
On
"EV Charging Station"

Submitted By

Snehal B. Sawant [2021121372009]

Vikas S. Kolhe [2021121372033]

Amol B. Aute [2021121372001]

Sumit B. Pavase [2021121372036]

For the Degree of

Bachelor of Technology

(Electronics & Telecommunication Engineering)

Dr. Babasaheb Ambedkar Technological, University

Lonere (M.S.)



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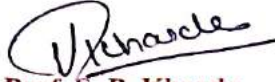
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CERTIFICATE

This is to certify that, the Project work entitled "EV Charging Station" submitted by Snehal B. Sawant (2021121372009), Vikas S. Kolhe (2021121372033), Amol B. Aute (2021121372001), Sumit B. Pavse (2021121372036) is bonafide students of Shreeyash College of Engineering & Technology, Aurangabad. The work completed under my supervision and guidance in fulfilment for the award of Bachelor of Technology (Electronics and Telecommunication Engineering), affiliated to Babasaheb Ambedkar Technological University, Lonere. (M.S., INDIA).



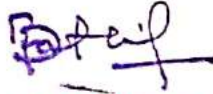
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Project -Coordinator
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Prof. J. R. Mahajan
HOD
Department of Electronics
and Telecommunication
Engineering



Dr. B. M. Patil
Principal
Shreeyash College of Engineering & Technology,
Aurangabad



Dr. Babasaheb Ambedkar Technological, University
Lonere Maharashtra

A

Project Report On
“Vehicle Accident Alert System ”

By

Jeevan Jagdish Dshmukh [2021121372003]

Tushar Vilas Hire [2021121372005]

Pavan Sudhakar Pophale [2021121372049]

Krishna Kashinath Ghonse [2021121372025]

For the Degree of
Bachelor of Technology
(Electronics & Telecommunication Engineering)



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2022 – 2023

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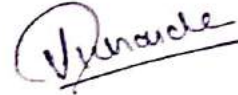
This is to certify that, the Project work entitled "Vehicle Accident Alert System" submitted by Jeevan Jagdish Dshmukh [2021121372003], Tushar Vilas Hire [2021121372005], Pavan Sudhakar Pophale [2021121372049], Krishna Kashinath Ghonse [2021121372025], is bonafide students of Shreeyash College of Engineering & Technology, Aurangabad. The work completed under my supervision and guidance in fulfilment for the award of Bachelor of Technology (Electronics and Telecommunication Engineering), affiliated to Babasaheb Ambedkar Technological University, Lonere. (M.S., INDIA).



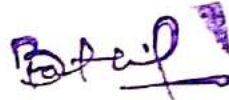
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Guide
Department of Electronics
and Telecommunication
Engineering



Dr. J. R. Mahajan
HOD
Department of Electronics
and Telecommunication
Engineering



Prof. S.P. Kharde
Project -Coordinator
Department of Electronics
and Telecommunication
Engineering



Dr. B. M. Patil
Principal
Shreeyash College of Engineering & Technology,
Aurangabad

**DR. BABASAHEB AMBEDKAR TECHNOLOGICAL
UNIVERSITY, MAHARASHTRA**



PROJECT REPORT

On

“IOT BASED CAR PARKING SYSTEM”

Submitted by

MR.MANOJ D RAUT (4437)

MR.RAHUL B JADHAV (4409)

MR.SHANKAR J BARGAL (4429)

MR.SUMEDH THORAT (4443)

Under the Guidance of

Prof. S.P.KHARDE

In partial fulfillment for the award of

Degree in Electronics and Telecommunication Engineering



Department of Electronics and Telecommunication Engineering

Shreyash College of Engineering and Technology

Aurangabad, Maharashtra state, India

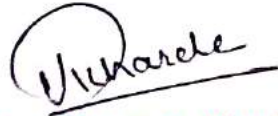
(2022-2023)

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This is to certify that the project entitled "**IOT BASED CAR PARKING SYSTEM**", which is being submitted herewith for the award of the **B. Tech in Electronics and Telecommunication Engineering** of Dr. Babasaheb Ambedkar Technological University, Aurangabad. This is the result of the original research work and contribution by **Mr. Manoj Raut, Mr. Rahul Jadhav and Mr. Shankar Bargal and Mr. Sumedh Thorat** under my supervision and guidance. The work embodied in this dissertation has not formed earlier for the basis of the award of any degree or compatible certificate or similar title of this for any other diploma/examination body or university to the best of my knowledge and belief.

Place: Aurangabad

Date:



Prof. Mrs. S. P. Kharde

Guide&Co-ordinator
Electronics and Telecommunication
Engineering



Dr. J.R. Mahajan

Head
Electronics and Telecommunication
Engineering



Dr. B.M. Patil

Principal

Shreyash College of Engineering and Technology, Aurangabad

**Dr. Babasaheb Ambedkar Technological, University
Lonere (India)**



A

Project Report

On

“Material Weighing Conveyor”

By

Jayesh Sanjay Nikam [2021121372018]

For the Degree of

Bachelor of Technology

(Electronics & Telecommunication Engineering)



**Department of Electronics and Telecommunication
Shreeyash College of Engineering & Technology, Aurangabad,**

Maharashtra

2022 – 2023

CERTIFICATE

This is to certify that, the Project work entitled "Material Weighing Conveyor" submitted by Jayesh Sanjay Nikam (2021121372018) is bonafide students of Shreeyash College of Engineering & Technology, Aurangabad. The work completed under my supervision and guidance in fulfilment for the award of Bachelor of Technology (Electronics and Telecommunication Engineering), affiliated to Babasaheb Ambedkar Technological University, Lonere. (M.S. INDIA).

Place: Aurangabad

Date: 26/12/2022



Prof. H. G. Ambhore
Guide
Department of Electronics
and Telecommunication
Engineering



Prof. S. P. Kharde
Project -Coordinator
Department of Electronics
and Telecommunication
Engineering



Prof. J. R. Mahajan
HOD
Department of Electronics
and Telecommunication
Engineering



Dr. B. M. Patil
Principal
Shreeyash College of Engineering & Technology,
Aurangabad

A
Project Report
On
“Car Speed Detector Using IR”

Submitted By

Shivam C. Fatate [2021121372062]

Rushikesh G. Shinde [2021121372064]

Suraj S. Gaware [2021121372059]

For the Degree of
Bachelor of Technology
(Electronics & Telecommunication Engineering)
Dr. Babasaheb Ambedkar Technological, University
Lonere (M.S.)



Department of Electronics and Telecommunication
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**DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY,
LONERE**

"SMART HELMET USING ARDUINO UNO"

For the Degree of

**Bachelor of Technology
(Electronics & Tele-Communication Engineering)**

Submitted by

Suresh Baburao Kadam (2021121372004)

Patole Snehal Rajendra (2021121372029)

Vaibhav Bhaskar Gaikwad (2021121372032)

Prasad Bhikan Pawar (2021121372054)

Guided by

Prof. S.S. Sonone



**Department of Electronics and Tele-Communication Engineering,
Shreeyash College of Engineering & Technology, Aurangabad
(2022 - 2023)**

CERTIFICATE

This is to certify that, the Project work entitled "**Smart Helmet Using Arduino Uno**" submitted by **Suresh Baburao Kadam (4405)**, **Snehal Rajendra Patole (4428)**, **Vaibhav Bhaskar Gaikwad (4431)**, **Prasad Bhikan Pawar (4452)** is bonafide students of Shreeyash College of Engineering & Technology, Aurangabad. The work completed under my supervision and guidance in fulfilment for the award of Bachelor of Technology (Electronics and Telecommunication Engineering), affiliated to **Babasaheb Ambedkar Technological University, Lonere. (M.S., INDIA)**.



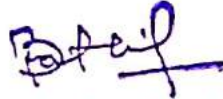
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Department of Electronics
and Telecommunication
Engineering



Dr. J. R. Mahajan
HOD
Department of Electronics
and Telecommunication
Engineering



Prof. S. P. Kharde
Project -Coordinator
Department of Electronics
and Telecommunication
Engineering



Dr. B. M. Patil
Principal
Shreeyash College of Engineering & Technology,
Aurangabad

A
Project Report
On
“Ventilator using Arduino
with Blood Oxygen Sensing”

By

Shrikant Anil Bhagat PRN-[2021121372037]

Sumit Rajendra Narwade-[2021121372013]

For the Degree of

Bachelor of Technology

(Electronics & Telecommunication Engineering)

Dr. Babasaheb Ambedkar Technological, University

Lonere (M.S.)



Department of Electronics and Telecommunication
Shreyash College of Engineering & Technology, Aurangabad,
Maharashtra

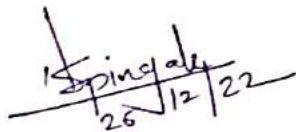
2022 - 2023

CERTIFICATE

This is to certify that, the Project work entitled “ Ventilator using Arduino with Blood Oxygen and BPM Sensing” submitted by are bonafide student/s of Shreeyash College of Engineering & Technology, Aurangabad. The work completed under my supervision and guidance in partial fulfilment for the completion of Project Part-I of Final Year Bachelor of Technology (B.Tech) Engineering (Electronics & Tele-Communication Engineering), affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere (M.S., INDIA).

Place: Aurangabad

Date: 26/12/22



Prof. A. S. Pingale
Guide
Department of
Electronic &
Telecommunication
Engineering



Prof. S. P. Kharde
Coordinator
Department of
Electronic &
Telecommunication
Engineering



Dr. J. R. Mahajan
Head
Department of
Electronic &
Telecommunication
Engineering



Dr. B. M Patil
Principal
Shreeyash College
of Engineering &
Technology,
Aurangabad



DR. BABASAHEB AMBEDKAR Technological University, Lonere,

Maharashtra

Project Report On

Bluetooth Based Multipurpose Agri-bot

Submitted by

Shaikh Iftekhar (Prn.no 2021121372021)

Nikita Kamble (Prn.no 2021121372002)

Kuldeep Mhaske (Prn.no 2021121372031)

Mayuri Rokade (Prn.no 2021121372046)

In partial fulfilment for the award of

BTech degree in Electronic and Telecommunication Engineering



S. S. Sonone

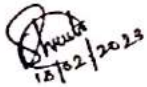
**Department of Electronic and Telecommunication Engineering,
Shreyash College of Engineering & Technology, Aurangabad (2022 - 2023)**

CERTIFICATE

This is to certify that, the project work entitled “**Bluetooth Based Multipurpose Agribot**” submitted by “**Shaikh Iftekhar (Prn.no2021121372021), Nikita kamble (Prn.no2021121372002), Kuldeep Mhaske (Prn.no 2021121372031), Mayuri Rokade (Prn.no 2021121372046)**” is bonafide students of Shreeyash College of Engineering & Technology, Aurangabad. The work completed under my supervision and guidance in partial fulfillment for the award of BTech Degree of Electronic and Telecommunication Engineering, affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere (M.S.INDIA).

Place: Aurangabad

Date:



Prof. S. S. Sonone

Guide


Department of Electronics and
Telecommunication Engineering



Dr. J. R. Mahajan

HOD

Department of Electronics and
Telecommunication Engineering



Prof. S. P. Kharde

Project Co-ordinator

Department of Electronics and
Telecommunication Engineering



Dr. B. M. Patil

Principal

Department of Electronics and
Telecommunication Engineering

A
Project Report
On

“Food Quality Feedback System”

By
Ganesh Kumar M (PRN No. 2021121372060)

For the Degree of
Bachelor of Technology
(Electronics & Telecommunication Engineering)

Dr. Babasaheb Ambedkar Technological, University
Lonere (M.S.)



Department of Electronics and Telecommunication
Shreyash College of Engineering & Technology, Aurangabad,
Maharashtra

2022 - 2023

CERTIFICATE

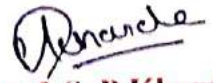
This is to certify that, the Project work entitled "**Food Quality Feedback System**" submitted by **Ganesh Kumar M (PRN NO. 2021121372060)** is bonafide students at Shreeyash College of Engineering & Technology, Aurangabad. The work completed under my supervision and guidance in fulfilment for the award of Bachelor of Technology (Electronics and Telecommunication Engineering), affiliated to **Babasaheb Ambedkar Technological University, Lonere. (M.S., INDIA).**



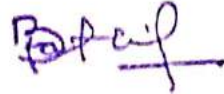
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Guide
Department of Electronics
and Telecommunication
Engineering



Dr. Jayant R. Mahajan
HOD
Department of Electronics
and Telecommunication
Engineering



Prof. S. P Kharde
Project -Coordinator
Department of Electronics
and Telecommunication
Engineering



Dr. B. M. Patil
Principal
Shreeyash College of Engineering & Technology,
Aurangabad

**Dr. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY
LONERE, RAIGAD, MAHARASHTRA**



PROJECT REPORT

On

**“FOOTSTEPS POWER GENERATION USING
PIZOELECTRIC SENSORS”**

Submitted by

PAWAN RAMESH KASARLE (4423)

RUTUJA RAMESH SHINDE (4407)

KANCHAN KMLAKAR RAIBOLE (4434)

Under the Guidance of

Prof. A. S. Pingle

In partial fulfilment for the award of

Bachelors Degree in Electronics & Telecommunication Engineering



Department of Electronics and Telecommunication Engineering

Shreyash College of Engineering and Technology

Aurangabad, Maharashtra state, India

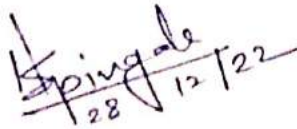
(2022-23)

CERTIFICATE

This is to certify that the project report entitled "**FOOTSTEPS POWER GNEREATION USING PIZOELETRICE SENSORS**", which is being submit By **Pawan R Kasarle,Rutuja S.Shinde,Kanachan.K.Ralhole** PRN NO (2021121372006) (23,06,35) herewith for the award of the B.Tech in Electronics & Telecommunication Engineering of Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. This is the result of the original research work and contribution by under my supervision and guidance. The work embodied in this dissertation has not formed earlier for the basis of the award of any degree or compatible certificate or similar title of this for any other diploma / examination body or university to the best of my knowledge and belief.

Place: Aurangabad

Date: 28/12/2022



Prof. A. S. Pingale
Guide
Electronics and Telecommunication
Engineering



Prof. S.P. Kharade
Coordinator
Electronics and Telecommunication
Engineering



Dr. J.R. MAHAJAN
Head of Department
Electronics and Telecommunication
Engineering Aurangabad



Dr. B.M.P. PATIL
Principal
Shreeyash College of Engineering and
Technology, Aurangabad



**DR. BABASAHEB AMBEDKAR Technological University, Lonere,
Maharashtra**

A

Project

Report On

Cloud Operated E-Vehicle

Submitted by

Shubham Ashokrao Joshi

(Prn no 2021121372011)

Gangadhar Balaji Dalvi

(Prn no 2021121372010)

Shubham Digambar Honmane

(Prn no 2021121372024)

Bhausahab Bappasaheb Mithe

(Prn no 2021121372034)

**In partial fulfilment for the award of
BTech degree in Electronics Engineering**

Guided By

Prof. S. S. Gadekar



Department of Electronics Engineering,

Shreeyash College of Engineering & Technology, Aurangabad

(2022 - 2023)



**DR. BABASAHEB AMBEDKAR Technological University, Lonere,
Maharashtra**

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Department of Electronic and Telecommunication Engineering,

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(2022 - 2023)



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Prof. S. S. Gadekar



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Shreyash College of Engineering & Technology, Aurangabad

(2022 - 2023)

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Place: Aurangaad

Date:



Prof. S. S. Gadekar

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Department of Electronic and
Telecommunication
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Dr. J. R. Mahajan

Head

Department of Electronic and
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Engineering



Dr. B. M. Patil

Principal

Shreeyash College of Engineering
& Technology Aurangabad

**DR. BABASAHEB AMBEDKAR TECHNOLOGICAL
UNIVERSITY, MAHARASHTRA**



PROJECT REPORT

On

**“AUTOMATIC WATER CONTROLLING SYSTEM BASED ON MOISTURE
SENSOR**

Submitted by **MR. PRITAM KADAM (4417)**

Under the Guidance of

Prof. S.S. SONONE

In partial fulfillment for the award of

Degree in Electronics and Telecommunication Engineering



Department of Electronics and Telecommunication Engineering

Shreyash College of Engineering and Technology
Aurangabad, Maharashtra state, India(2022-

2023)



**DR. BABASAHEB AMBEDKAR Technological University, Lonere,
Maharashtra**

A

Project

Report On

IOT Based Smart Wheel Chair

Submitted by

**Sachin Bhimrao Hatkar
(Prn no 2021121372066)**

**Tushar Uddhavrao Suryawanshi
(Prn no 2021121372015)**

**Shaikh Sharekh shaikh rafik
(Prn no 2021121372012)**

**Suraj Nagorao Tathe
(Prn no 2021121372055)**

In partial fulfilment for the award of

BTech degree in Electronic and Telecommunication Engineering

Guided By

Prof. S. S. Gadekar



Department of Electronic and Telecommunication Engineering,

Shreyash College of Engineering & Technology, Aurangabad

(2022 - 2023)

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This is to certify that, the project work entitled "IOT Based Smart Wheel Chair" submitted by "Sachin Bhimrao Hatkar (Prn no 2021121372066), Tushar Uddhavrao Suryawanshi (Prn no 2021121372015), Shaikh Sharekh shaikh rafik (Prn no 2021121372012), Suraj Nagorao Tathe (Prn no 2021121372055)" is bonafide students of Shreeyash College of Engineering & Technology, Aurangabad. The work completed under my supervision and guidance in partial fulfillment for the award of BTech Degree of Electronic and Telecommunication Engineering, affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere (M.S.INDIA).

Place: Aurangaad

Date:



Prof. S. S. Gadekar

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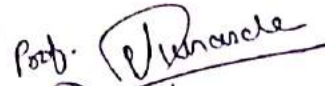
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Dr. J. R. Mahajan

Head

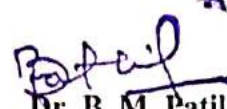
Department of Electronic and
Telecommunication
Engineering



Dr. S. P. Kharade

Coordinator

Department of Electronic and
Telecommunication
Engineering



Dr. B. M. Patil

Principal

Shreeyash College of Engineering
& Technology
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**Dr. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY
LONERE, RAIGAD, MAHARASHTRA**



PROJECT REPORT

On

**“VEHICAL THEFT ALART ENGINE LOCK SYSTEM USING
GPS & GSM”**

Submitted by

Ms. NEHA KANHAIYALAL MISAL

Roll no :-4427

Under the Guidance of

Prof. S.P.KHARDE

In partial fulfilment for the award of

Bachelors Degree in Electronics & Telecommunication Engineering



Department of Electronics and Telecommunication Engineering

Shreeyash College of Engineering and Technology

Aurangabad, Maharashtra state, India

(2022-23)

CERTIFICATE

This is to certify that the project report entitled "Vehical theft alart engine lock system using GPS & GSM", which is being submitted herewith for the award of the **B.Tech in Electronics & Telecommunication Engineering** of Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. This is the result of the original research work and contribution by **Ms.Neha Kanhaiyalal Misal** under my supervision and guidance. The work embodied in this dissertation has not formed earlier for the basis of the award of any degree or compatible certificate or similar title of this for any other diploma / examination body or university to the best of my knowledge and belief.

Place: Aurangabad

Date:



Prof. S.P.Kharde

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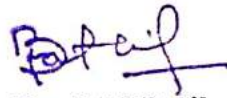
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Head

Electronics and Telecommunication
Engineering



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Principal

Shreeyash College of Engineering and Technology
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