

GUJARAT ARTS AND SCIENCE COLLEGE, ELLISBRIDGE

PROJECT / DISSERTATION WORK

YEAR : - 2022 - 23

MICROBIOLOGY

Sr. No.	Name of Student	Topic Name
1	Kshtriya Pankajsinh	Bluetooth and Obstacle Avoiding based ROBO car
2	Ambaliya Sohil	Ultrasonic Range Finder
3	Pathak Shrushty	Scrolling Display Using Arduino Uno
4	Krutik Chauhan	Smart Dustbin by Arduino Uno
5	Parmar Kaushal	Solar powered Automatic plant watering system using Arduino Uno

PROJECT REPORT

BLUETOOTH AND OBSTACLE AVOIDING BASED ROBO CAR

FOR THE AWARD OF THE DEGREE OF

BACHELOR OF SCIENCE IN ELECTRONICS

BY

KSHATRIYA PANKAJ SINGH .K.



UNDER THE GUIDANCE OF

DR. RAJIV SHAH

(HEAD OF DEPARTMENT)

DEPARTMENT OF ELECTRONICS

GUJARAT ARTS & SCIENCE COLLAGE ELLISBRIDGE

GUJARAT UNIVERSITY, AHMEDABAD, GUJARAT, INDIA.

YEAR: 2022-2023

GUJARAT ARTS & SCIENCE COLLEGE, AHMEDABAD

CERTIFICATE

Date:-_____

This is certify that **Mr. KSHATRIYA PANKAJ SINGH**

Roll No. **213** & Exam No. _____ of the B.Sc. Electronics

SEM-6 Has Satisfactory completed his project work titled

“Bluetooth and obstacle avoiding based ROBO Car”

Under my guidance in partial fulfilment of the requirement of
Science in Electronics of Ahmedabad during the academic year

2022-2023 Gujarat University.


Project Guide

Dr. RAJIV SHAH

Head of Department

Department of Electronics

Gujarat Arts & Science College, Ahmedabad.

Examiner


Head of the Department

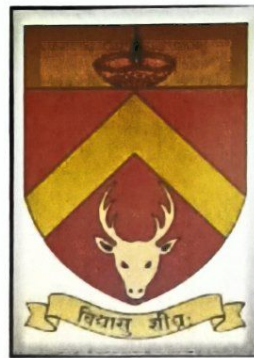
Department of Electronics

Gujarat Arts & Science College, Ahmedabad.

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A Project Report
ON
“Ultrasonic Range Finder”
FOR THE AWARD OF THE DEGREE OF
Bachelor of Science
IN ELECTRONICS
BY
AMBLIYA SOHIL A



UNDER THE GUIDANCE OF
Dr. Rajiv Shah
(ASSOCIATE PROFESSOR)

DEPARTMENT OF ELECTRONICS
GUJARAT ARTS AND SCIENCE COLLEGE
GUJARAT UNIVERSITY, AHMEDABAD
(GUJARAT)
INDIA

YEAR-2022-2023

CERTIFICATE

Date: _____

This is to certify that Mr. Ambliya Sohil A.

Roll No: 211 of the B.Sc. Electronics SEM-5 has satisfactorily completed his project work titled “**Ultrasonic Range Finder**” under my guidance in partial fulfillment of the requirement of Bachelor of Science in Electronics of Ahmedabad during the academic year 2022-2023. Gujarat University,

Project Guide

Dr. Rajiv Shah

Associate Professor

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Gujarat Arts & Science College, Ahmedabad.

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Head of the Department

Department of Electronics

Gujarat Arts & Science College, Ahmedabad

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PROJECT REPORT

"SCROLLING DISPLAY USING ARDUINO UNO"

FOR THE AWARD OF THE DEGREE OF
BACHELOR OF SCIENCE IN ELECTRONICS BY

PATHAK SHRUSTY SHAILESHBHAI



UNDER THE GUIDANCE OF

DR. RAJIV SHAH

(HEAD OF DEPARTMENT)

DEPARTMENT OF ELECTRONICS GUJARAT ARTS
& SCIENCE COLLAGE ELLISBRIDGE

GUJARAT UNIVERSITY, AHMEDABAD, GUJARAT, INDIA.

YEAR: 2022-2023

GUJARAT ARTS & SCIENCE COLLEGE, AHMEDABAD

CERTIFICATE

Date:-

This is certify that **Miss. PATHAK SHRUSTY SHAILESHBHAJ**

Roll No. **215** & Exam No. _____ of the B.Sc. Electronics SEM-6 has satisfactory completed his project work titled "**SCROLLING DISPLAY USING ARDUINO UNO**" under my guidance in partial fulfilment of the requirement of Bachelor of Science in Electronics of Ahmedabad during the academic year 2022-2023. Gujarat University.

Project Guide

Dr. Rajiv Shah

Head of Department

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PROJECT REPORT

“SMART DUSTBIN BY ARDUINO UNO”

FOR THE AWARD OF THE DEGREE OF
BACHELOR OF SCIENCE IN ELECTRONICS

BY

KRUTIK R. CHAUHAN



UNDER THE GUIDANCE OF

DR. R.D. MAKAVANA

(ASSOCIATE PROFESSOR)

DEPARTMENT OF ELECTRONICS

GUJARAT ARTS & SCIENCE COLLAGE ELLISBRIDGE

GUJARAT UNIVERSITY, AHMEDABAD, GUJARAT, INDIA.

YEAR: 2022-2023

GUJARAT ARTS & SCIENCE COLLEGE, AHMEDABAD

CERTIFICATE

Date:-_____

This is certify that Mr. KRUTIK R. CHAUHAN

Roll No. **212** & Exam No. _____ of the B.Sc. Electronics SEM-6 has satisfactory completed his project work titled “**SMART DUSTBIN BY ARDUINO UNO**” under my guidance in partial fulfilment of the requirement of Bachelor of Science in Electronics of Ahmedabad during the academic year 2022-2023. Gujarat University.

R. Makwana
Project Guide

Dr. R. D. Makavana

Associate Professor

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Gujarat Arts & Science College, Ahmedabad.

Examiner

R. D. Makavana

Head of the Department

Department of Electronics

Gujarat Arts & Science College, Ahmedabad.

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PROJECT REPORT
ON
**HUMIDITY AND TEMPERATURE
MEASUREMENT USING ARDUINO UNO**

FOR THE AWARD OF THE DEGREE OF

Bachelor of Science

IN ELECTRONICS

BY

PARMAR KAUSHAL PARESHKUMAR



UNDER THE GUIDANCE OF

Dr. SAMIR GIRISHKUMAR PANDYA

(ASSOCIATE PROFESSOR)

DEPARTMENT OF ELECTRONICS

GUJARAT ARTS AND SCIENCE COLLEGE, AHMEDABAD

GUJARAT UNIVERSITY, AHMEDABAD

(GUJARAT) INDIA

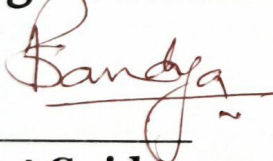
YEAR: 2022-2023

**GUJARAT ARTS AND SCIENCE COLLEGE,
AHMEDABAD**

CERTIFICATE

Date: 25 FEB, '23

This is to certify that Mr. PARMAR KAUSHAL PARESHKUMAR Roll No: 214 & Exam No: of the B.Sc. Electronics Sem-6 has satisfactorily completed his project work titled "**Humidity and Temperature Measurement Using Arduino Uno**" under my guidance in partial fulfillment of the requirement of Bachelor of Science in Electronics of Gujarat University, Ahmedabad during the academic year 2022-2023.



Project Guide

Dr. Samir G Pandya

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Examiner



Head of the Department

Incharge Department of Electronics
Gujarat Arts & Science College, Ahmedabad

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