VISVESVARAYA TECHNOLOGICAL UNIVERSITY,

BELAGAVI – 590 018

ELECTRONIC VOTING MACHINE USING AURDINO

Submitted as Microcontroller and Embedded System assignment work

BY

ABHAY N	**4AL21CS002**
ABHISHEK K	**4AL21CS005**
AKSHAY V MENDON	**4AL21CS016**
ANUVEESH	**4AL21CS024**
K NITHIN	**4AL21CS054**
M N VIKAS	**4AL21CS062**

Under the Guidance of

Mr. Abhijith L Kotian

Assistant Professor

ALVA'S
Education Foundation

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

MOODBIDRI-574225, KARNATAKA

2022– 2023

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY MIJAR,
MOODBIDRI D.K. -574225 KARNATAKA

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

CERTIFICATE

This is to certify that, assignment work for the subject "**MICROCONTROLLER AND EMBEDDED SYSTEM (21CS43)"** has been successfully completed and the report submitted by **Abhay N (4AL21CS002)** during the academic year 2022–2023. It is certified that all corrections/suggestions indicated the presentation session have been incorporated in the report and score 9 Marks out of 10 and deposited in the departmental library.

Mr. Abhijith L Kotian

Assistant Professor

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY MIJAR, MOODBIDRI D.K. -574225 KARNATAKA

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

CERTIFICATE

This is to certify that, assignment work for the subject "**MICROCONTROLLER AND EMBEDDED SYSTEM (21CS43)**" has been successfully completed and the report submitted by **Abhishek K (4AL21CS005)** during the academic year 2022–2023. It is certified that all corrections/suggestions indicated the presentation session have been incorporated in the report and score 9 Marks out of 10 and deposited in the departmental library.

Mr. Abhijith L Kotian

Assistant Professor

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY MIJAR,
MOODBIDRI D.K. -574225 KARNATAKA

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

CERTIFICATE

This is to certify that, assignment work for the subject "**MICROCONTROLLER AND EMBEDDED SYSTEM (21CS43)**" has been successfully completed and the report submitted by **Akshay V Mendon (4AL21CS016)** during the academic year 2022–2023. It is certified that all corrections/suggestions indicated the presentation session have been incorporated in the report and score 9 Marks out of 10 and deposited in the departmental library.

Mr. Abhijith L Kotian

Assistant Professor

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY MIJAR,

MOODBIDRI D.K. -574225 KARNATAKA

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

CERTIFICATE

This is to certify that, assignment work for the subject "**MICROCONTROLLER AND EMBEDDED SYSTEM (21CS43)** has been successfully completed and the report submitted by **ANUVEESH (4AL21CS024)** during the academic year 2022–2023. It is certified that all corrections/suggestions indicated the presentation session have been incorporated in the report and score 9 Marks out of 10 and deposited in the departmental library.

Mr. Abhijith L Kotian

Assistant Professor

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY MIJAR,
MOODBIDRI D.K. -574225 KARNATAKA

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

CERTIFICATE

This is to certify that, assignment work for the subject "**MICROCONTROLLER AND EMBEDDED SYSTEM (21CS43)** " has been successfully completed and the report submitted by **K Nithin (4AL21CS054)** during the academic year 2022–2023. It is certified that all corrections/suggestions indicated the presentation session have been incorporated in the report and score 9 Marks out of 10 and deposited in the departmental library.

Mr. Abhijith L Kotian

Assistant Professor

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY MIJAR, MOODBIDRI D.K. -574225 KARNATAKA

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

CERTIFICATE

This is to certify that, assignment work for the subject "**MICROCONTROLLER AND EMBEDDED SYSTEM (21CS43) "** has been successfully completed and the report submitted by **M N Vikas (4AL21CS062)** during the academic year 2022–2023. It is certified that all corrections/suggestions indicated the presentation session have been incorporated in the report and score 9 Marks out of 10 and deposited in the departmental library.

Mr. Abhijith L Kotian

Assistant Professor

ELECTRONIC VOTING MACHINE USING ARDUINO

INTRODUCTION

This project is all about Simple & Smart Electronic Voting Machine Using Arduino. The basic idea of this project is to create an electronic voting machine that will help to eradicate defrauding of the manual voting systems and prior versions of electronic voting.

The system is provided with n number of the switch where n is the number of a political party. Here the voter will be allowed to proceed for choosing their preferred candidate from the panel of buttons. The final vote is then displayed onto an LCD for the satisfaction of voters. In the end, the result can be automatically calculated by pressing the result button

COMPONENTS REQUIRED :

SI No	Components Name	Quantity
1	Arduino UNO Board	1
2	16x2 LCD Display	1
3	Potentiometer	1
4	Push Button Switch	4
5	Connecting Wires	20
6	Bread Board	1