

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY,
BELAGAVI - 590 018**



AI AUDINO ROBOT

Submitted as Subject Assignment Work for

MICROCONTROLLER AND EMBEDDED SYSTEM (21CS43)

BY

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ALVA'S
Education Foundation

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

**ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY, MOODBIDRI-
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2022 – 2023

**ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY
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CERTIFICATE

This is to certify that, assignment work for the subject “**Microcontroller and Embedded System (21CS43)**” has been successfully completed and report submitted by **V. Bhavani Krishna (4AL21CS174)**, during the academic year 2022– 2023. It is certified that all corrections/suggestions indicated presentation session have been incorporated in the report and scored 8 Marks out of 10 and deposited in the departmental library.

A handwritten signature in red ink, appearing to be "Babitha", written above the printed name.

Mrs. Babitha Poojary &

A handwritten signature in red ink, appearing to be "Abhijith", written above the printed name.

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This is to certify that, assignment work for the subject “**Microcontroller and Embedded System (21CS43)**” has been successfully completed and report submitted by **Shivaram Reddy G V (4AL21CS142)**, during the academic year 2022– 2023. It is certified that all corrections/suggestions indicated presentation session have been incorporated in the report and scored 8 Marks out of 10 and deposited in the departmental library.


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This is to certify that, assignment work for the subject “**Microcontroller and Embedded System (21CS43)**” has been successfully completed and report submitted by **Santhosh H(4AL21CS131)**, during the academic year 2022–2023. It is certified that all corrections/suggestions indicated presentation session have been incorporated in the report and scored 8 Marks out of 10 and deposited in the departmental library.


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This is to certify that, assignment work for the subject “**Microcontroller and Embedded System (21CS43)**” has been successfully completed and report submitted by **Vinith S B (4AL21CS182)**, during the academic year 2022–2023. It is certified that all corrections/suggestions indicated presentation session have been incorporated in the report and scored 8 Marks out of 10 and deposited in the departmental library.


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This is to certify that, assignment work for the subject “**Microcontroller and Embedded System (21CS43)**” has been successfully completed and report submitted by **Srinivas L V (4AL21CS156)**, during the academic year 2022–2023. It is certified that all corrections/suggestions indicated presentation session have been incorporated in the report and scored 8 Marks out of 10 and deposited in the departmental library.


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AI ARDUINO ROBOT INTEGRATED ROBOT WITH ARTIFICIAL INTELLIGENCE

1.1 INTRODUCTION:

This project will do our talking robot with artificial intelligence-based Arduino.

Then in our previous project, we made our robot we checked into the phone's voice command. In this project we develop our robot, voice commands will send the phone the same way again, giving us a voice response. This way, your robot will speak to you. You can also use educational robots for kids. For example, the integrated robot that detects whether color can color an educational robot for kids says it aloud.

1.2 PROCEDURE:

The following are the steps involved in building the Arduino Android robot project:

- Necessary components.
 - Assembling the robot's hardware.
 - Code to control the robot.
 - Testing the robot.
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