

MEAN BASED APPROACH TO OMNI DIRECTIONAL PATH FINDING ALGORITHM USING SINGLE ULTRASONIC SENSOR

A main project report
Submitted in partial fulfilment for the award of the degree

BACHELOR OF TECHNOLOGY IN ELECTRONICS & COMMUNICATION ENGINEERING

Submitted by

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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
RAJAMAHENDRI INSTITUTE OF ENGINEERING AND TECHNOLOGY**

**(APPROVED BY AICTE, AFFILIATED TO JNTUK, KAKINADA AND
ACCREDITED TO NAAC)**

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CERTIFICATE

This is to certify that **J. DHEERAJ – 21MD1A0429**, **G. BHARATH CHANDU – 21MD1A0422**, **N. SATISH CHANDRA – 22MD5A0407**, **M. K. JAGADHISWAR – 21MD1A0440** of fourth year B. Tech., had carried out the main project work on “**Mean-Based Approach to Omni-Directional Path Finding Robot Using a Single Ultrasonic Sensor**”. For the partial fulfilment of the award of the degree of Bachelor of Technology in **Electronics and Communication Engineering (ECE)** in **RIET**, Rajamahendravaram (Affiliated to JNTU, Kakinada) is a bonafide record of the work done by them during the academic year 2024-2025 under the guidance and supervision. The results of this project have not been submitted to any other University or Institute for the award of any degree.

Internal Guide

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