

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING**

D.N.R. COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada, Accredited by NAAC With A++ Grade)

Balusumudi, Bhimavaram

2020-2024



CERTIFICATE

This is to certify that the project report entitled "ARDUINO BASED FETAL MOVEMENT DETECTION USING IOT", submitted by D. Tejasri (209P1A0451), N. Ruchitha (209P1A0459), G. Sai pavan (209P1A0478), B. Sudha Rani (219P5A0424) in partial fulfillment for the award of degree of Bachelor of Technology in Electronics and Communication Engineering, from D.N.R. College of Engineering & Technology, Balusumudi, Bhimavaram, affiliated to the Jawaharlal Nehru Technological University (JNTUK), Kakinada, is a record of bonafide work carried out by them under my guidance and supervision.

Mr. K. S. Satish Kumar M.Tech

Assistant Professor

Project Supervisor

Dr. A. Purna Ramesh M.Tech., Ph.D.

Professor & Head of the Department

ECE

**Head
Department of ECE**

D.N.R. College of Engg. & Tech

BHIMAVARAM-534 207

External Examiner