An industrial oriented major project report

on

MULTI CLASS STRESS DETECTION THROUGH HEART RATE VARIABILITY: A DEEP NEURAL NETWORK BASED STUDY

Submitted by

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Under the Esteemed Guidance of

Mr. N. VENKATESWARLU
Assistant Professor
Computer Science and Engineering

to

Jawaharlal Nehru Technological University, Hyderabad

In partial fulfilment of the requirements for award of degree of

BACHELOR OF TECHNOLOGY

in

COMPUTER SCIENCE AND ENGINEERING

Department of Computer Science and Engineering

MALLA REDDY INSTITUTE OF ENGINEERING AND TECHNOLOGY

(UGC AUTONOMOUS)

(Sponsored by Malla Reddy Educational society)(Affiliated to JNTU, Hyderabad)

Maisammaguda, Dhulapally post, Secunderabad-500014.

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INSTITUTE OF ENGINEERING & TECHNOLOGY
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Approved by AICTE, New Delhi, Recognized Under 2(f) & 12(B)
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Estd : 2007

Department of Computer Science and Engineering

BONAFIDE CERTIFICATE

This is to certify that this is the Bonafide certificate of an industrial oriented major project report titled **"MULTI CLASS STRESS DETECTION THROUGH HEART RATE VARIABILITY: A DEEP NEURAL NETWORK BASED STUDY"** is submitted by **P.SINDHU (21W91A05H9)** of B.Tech in the partial fulfilment of the requirements for the degree of **Bachelor of Technology in Computer Science and Engineering** and this has not been submitted for the award of any other degreeof this institution.

Internal Guide

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Assistant Professor

Head of the Department

Dr. MD. ASHFAQUL HASAN

Department of CSE

External Examiner

DECLARATION

I hereby declare that the Major project entitled "**MULTI CLASS STRESS DETECTION THROUGH HEART RATE VARIABILITY A DEEP NEURAL NETWORK BASED STUDY**" submitted to Malla Reddy Institute of Engineering and Technology (Autonomous), affiliated to Jawaharlal Nehru Technological University Hyderabad (JNTUH), for the award of the degree of Bachelor of Technology in Computer Science & Engineering is a result of original industrial oriented Project done by me. It is further declared that the Major project or any part thereof has not been Previously submitted to any University or Institute for the award of degree or diploma.

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P.SINDHU **21W91A05H9**

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I am extremely grateful to my parents for their blessings and prayers for my completion of Major project.

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