

## To whom so ever it may concern

This is to certify that Harshini Vutukuri (20251A0529), Addepalli Sai Sriyam (20251A0531), Akurathi Meghana (20251A0532), Sandhya Thota (20251A0557) IV B.Tech of CSE Department, G. Narayanamma Institute of Technology & Science, Hyderabad, has successfully completed project work in "CoE for Deep Learning in Eye Disease Prognosis", CSE Department as part of Research Grant from "DST/SEED GNITS" with Project titled "Portable Retinal Imaging Device for early detection of Eye Disease", research project grant.

The project titled "Enhanced Diabetic Retinopathy Detection through GAN and Transfer Learning" that is being submitted in partial fulfilment for the award of B.Tech in Computer Science Engineering to the Jawaharlal Nehru Technological University is a record of bonafide work carried out by her in our guidance and supervision.

Supervisor

Mrs V. Divya Raj, Assistant Professor

**Department of CSE** 

**COE** Incharge

Mrs. Y.Sravani Devi,

V. sra

**Assistant Professor** 

**Department of CSE** 

Principal Investigator

1. Dr. M. Seetha, Professor and Dean-R&D

2. Dr. N. Kalyani, Professor and Dean, I&I Department of CSE Head of the Department

Dr. A. Sharada,
Professor, Head
Department of CSE

## G. Narayanamma Institute of Technology & Science (Autonomous) (For Women)

Shaikpet, Hyderabad 500104.

## **Department of Computer Science and Engineering**



## Certificate

This is to certify that the Project report on "Enhanced Diabetic Retinopathy Detection through GAN and Transfer Learning" is a bonafide work carried out by Harshini Vutukuri (20251A0529), Addepalli Sai Sriyam (20251A0531), Akurathi Meghana (20251A0532), Sandhya Thota (20251A0557) in the partial fulfilment for the award of B.Tech degree in Computer Science and Engineering, G. Narayanamma Institute of Technology & Science (Autonomous), Hyderabad affiliated to Jawaharlal Nehru Technological University, Hyderabad under our guidance and supervision.

The results embodied in the project work have not been submitted to any other University or Institute for the award of any degree or diploma.

Internal Guide Mrs. V. Divya Raj

Asst. Professor

Department of CSE

Head of the Department

Dr. A. Sharada

Professor and Head

Department of CSE