

## To whom so ever it may concern

This is to certify that P.J. Vasantha Laxmi (20251A05E1), Hima Varsha Salana (20251A05E3), M. Padmasri (20251A05G2), Sudeshna Pasula (20251A05H2) 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 "R2U-NET Assisted Retinal Vessel Segmentation for Diabetic Retinopathy Images".

The project titled "R2U-NET Assisted Retinal Vessel Segmentation for Diabetic Retinopathylmages" that is being submitted in partial fulfillment 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

Dr. D.V.Lalitha Parameswari , Assoc. Professor, Department of CSE

Principal Investigators

1. Dr. M. Seetha, Professor, Dean R&D, 2. Dr. N. Kalyani, Professor, Dean I&I, Department of CSE CoE Incharge

Mrs. Y.Sravani Devi, Assoc. Professor, 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 R2U-NET Assisted Retinal Vessel Segmentation for Diabetic Retinopathy Images is a bonafide work carried out by P.J. Vasantha Laxmi (20251A05E1), Hima Varsha Salana (20251A05E3), M. Padmasri (20251A05G2), Sudeshna Pasula (20251A05H2) in the partial fulfillment 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

Dr. D.V.Lalitha Parameswari

Assoc. Professor

Department of CSE

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