

# D.N.R COLLEGE OF ENGINEERING & TECHNOLOGY

(Recognized by A.I.C.T.E., New Delhi & Affiliated to JNTU Kakinada)

(Accredited with A<sup>++</sup> Grade by NAAC)

Bhimavaram-534202. AP

## DEPARTMENT OF CIVIL ENGINEERING



### CERTIFICATE

This is to certify that the project work entitled, "Investigation of characteristics properties on high performance concrete (HPC) using fly ash & waste glass powder" is the bonafide work carried out by Mr. Vanga Chandra Mouli, Mr. G.Sri Ranga Raju, Ms. P.Harika Dhanasri & Mr R.Ch.Sai Avinash Regd. Nos. 219P5A0115, 209P1A0114, 219P5A0112 & 209P1A0125 of 4<sup>th</sup> B. Tech students of Civil Engineering Department along with our batch mates during the Academic Year 2023-2024. This project is done as a partial fulfillment of obtaining Bachelor of Technology Degree to be awarded by Jawaharlal Nehru Technological University, Kakinada. The matter embodied in this project report has not been submitted to any other university for the award of any other degree.

*Project Guide*

Dr. M.L.Kumar M.Tech, Ph.D

Assistant Professor

*Head of the Department*

Dr. B.V.Ramana Murthy M.E, Ph.D

Head of the Department  
Civil Engineering

DNR College of Engg. & Tech.

BHIMAVARAM-534 202.

*External Examiner*