

Jawaharlal Nehru Technological University-Hyderabad

#### A MINI PROJECT REPORT ON

# MECHANICAL AND DURABILITY PROPERTIES OF SELF CURING SELF COMPACTING CONCRETE USING NANO SILICA AS MINERAL ADMIXTURE

A Dissertation submitted in Partial Fulfillment of the requirements for the Award of the Degree

### **MASTER OF TECHNOLOGY**

In

STRUCTURAL ENGINEERING

 $\mathbf{B}\mathbf{y}$ 

## GUGULOTH NARESH 21U61D2004

Under the guidance of

Mrs.VandanaK

B.Tech, M.Tech

Asst.Professor,Department of CivilEngineering







AAC Accredited Recognized Under

## **Department of Civil Engineering**

A NAAC ACCREDITED INSTITUTION (Approved by AICTE, New Delhi & Affiliated to (JNTUH)CHILKUR(V),MOINABAD(M),R.R. DIST.T.S. AUGUST2022



## A NAAC ACCREDITED INSTITUTION, Approved by AICTE & Affiliated to JNTUH

Recognized underSection 2(f)of UGCAct-1956,AnISO:9001-2015CertifiedInstitute
Survey No. 179, Chilkur (V), Moinabad (M), Ranga Reddy Dist.
TS.Phone:8790101015/9492509290;E-

mail:principal.giet.u6@gmail.com

JNTUHCode (U6) CIVIL-CSM-CSE-MECH-ECE-EEE-MBA-M.Tech

EAMCETCode-GLOB

Date:10/09/2022

## Department of Civil Engineering

Mrs.P.SaileelaVaishnavi

B.Tech., M. Tech (Geotechnical Engineering)

Assistant Professor & Head Of the department

## **CERTIFICATE**

This is to certify that the final thesis report entitled "MECHANICAL AND DURABILITY PROPERTIES OF SELF CURING SELF COMPACTING CONCRETE USING NANO SILICA AS MINERAL ADMIXTURE" being submitted by GUGULOTH NARESH bearing Roll No. 21U61D2004 as partial fulfillment for the award of the Degree of Master of Technology in Structural Engineering to the Department of Civil Engineering during the Academic Year: 2021-2022. This is further certified that the work is done under my guidance and the results of this work have not been submitted elsewhere for the award of any other degree or diploma.

Internal Guille

Head of the Department