



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

By

**KOTNAKA SHEKAR
21U61D2008**

Under the guidance of

Mrs. VandanaK

B.Tech, M.Tech

Asst. Professor, Department of Civil Engineering



**GLOBAL
Institute of Engineering & Technology**



NAAC Accredited



University Grants Commission

Recognized Under Section
2(f), of UGC Act 1956

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**



GLOBAL
Institute of Engineering & Technology



NAAC Accredited



University Grants Commission
Recognized Under Section
2(f) of UGC Act 1956

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

Recognized under Section 2(f) of UGC Act-1956, An ISO:9001-2015 Certified Institute

Survey No. 179, Chilkur (V), Moinabad (M), Ranga Reddy Dist.

TS. Phone: 8790101015/9492509290; E-

mail: principal.giet.u6@gmail.com

JNTUHC Code (U6) CIVIL-CSM--CSE-MECH-ECE-EEE-MBA-M.Tech EAMCET Code-GLOB

Department of Civil Engineering

Mrs. P. Saileela Vaishnavi

B.Tech., M.Tech (Geotechnical Engineering) Date: 10/09/2022

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 K.SHEKAR bearing Roll No. 21U61D2008 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 Guide

Head of the Department

External Examine