Utilization of Demolished Concrete Waste for New Construction



Jawaharlal Nehru Technological University-Hyderabad

A MAJOR PROJECT REPORT ON

"UTILIZATION OF DEMOLISHED CONCRETE WASTE FOR NEW CONSTRUCTION"

A Dissertation submitted in partial fulfilment of the requirements for The award of the Degree

MASTER OF TECHNOLOGY

In

STRUCTURAL ENGINEERING

By

PULICHERU RAKESH KUMAR

(20U61D2010)

Under the guidance of

Ms Sandhya Rani Gollapalli B.Tech., M.Tech (Structural Engineering)

Assoc. Professor, Asst. Professor, Department of Civil Engineering



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.

NOVEMBER 2022

Utilization of Demolished Concrete Waste for New Construction



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

Recognized under Section 2(f) of UGC Act-1956, AnISO:9001-215 Certified Institute

Survey No. 179, Chilkur (V), Moinabad (M), Ranga Reddy
Dist. TS. Phone:8790101015/949250929

E-mail:principal.giet.u6@gmail.com

JNTUH 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)

Assistant Professor & Head

Date: 13/12/2022

CERTIFICATE

This is to certify that the major project entitled "UTILIZATION OF DEMOLISHED CONCRETE WASTE FOR NEW CONSTRUCTION" is a Bonafide work of PULICHERU RAKESH KUMAR bearing HT. No. 20U61D2010 submitted in partial fulfilment of the requirement for the award of degree in Master of Technology in Civil Engineering with specialization in STRUCTURAL ENGINEERING during the Academic

Year 2021-22

This is further certified that the work is done under our guidance, and the results of this work have not been submitted elsewhere for the award of any other degree or diploma.

Internal Guide

Ms. Sandhya Rani Gollapalli

B.Tech. M.Tech.

Assoc. Professor, Asst. Professor,

Department of Civil

Engineering, GIET.

Head of the Department

Mrs. P Sai Leela Vaishnavi

B.Tech. M.Tech.

Asst. Professor& Head,

Department of Civil

Engineering, GIET.

External Examiner

Utilization of Demolished Concrete Waste for New Construction

i