

**VIBRATION CONTROL OF WATER TANK STAGING
EQUIPPED WITH X-PLATE STEEL AND ALUMINUM DAMPER**

A Thesis submitted

In partial fulfilment of the requirements for the award of the degree of

MASTER OF TECHNOLOGY

IN

STRUCTURAL ENGINEERING

Submitted By

GANJIPALLI NIRMALA

ROLL NO: 18241D2005

Under the Esteemed Guidance Of

Dr. ATULKUMAR MANCHALWLAR

Associate Professor



DEPARTMENT OF CIVIL ENGINEERING

GOKARAJU RANGARAJU

INSTITUTE OF ENGINEERING AND TECHNOLOGY

(AUTONOMOUS)

December 2020

CERTIFICATE

This is to certify the main project report entitled “VIBRATION CONTROL OF WATER TANK STAGING EQUIPPED WITH X-PLATE STEEL AND ALUMINUM DAMPER” submitted by G.NIRMALA to the college Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad, in partial fulfillment for the award of the degree of M.Tech in Structural Engineering is a bonafide record of project work carried out by her under my guidance and supervision. The contents of this report, in full or in parts, have not been submitted to any other Institution or University for the award of any degree or diploma.

Project guide


31/12/2020

DR. ATULKUMAR MANCHALWAR

Associate Professor

Department of Civil Engineering,

GRIET, Hyderabad

Telangana-500090

Head of the Department


10/1/2021

DR. V. MALLIKARJUNA REDDY

Professor and HOD

Department of Civil Engineering,

GRIET, Hyderabad

Telangana-500090

External Examiner