



SWARNIM STARTUP AND INNOVATION UNIVERSITY

BHOYAN RATHOD, GANDHINAGAR

CERTIFICATE

This is to certify that project entitled "*An Experimental Study on Improving Mechanical Properties of Concrete Using Nanoparticles*" submitted by **AGNIBESH DASGUPTA** to the **Department of Civil Engineering, Swarnim Institute of Technology** in partial fulfillment for the award of the degree of "**Master of Technology**" is a record of project work carried out him under my supervision and guidance.

All help received by him have been duly acknowledged.

To the best of my knowledge no part of the project has been reproduced elsewhere for award of any degree.

Date: - 5/06/23

Ms. Mansi Prajapati
Head of Department
(Civil Engineering)

Dr. M.B. Dholakia

Dean and Director

Swarnim Institute of Technology

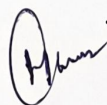
SWARNIM INSTITUTE OF
TECHNOLOGY

CERTIFICATE

This is to certify that research work embodied in this thesis entitled **“A Study on Seismic Analysis of Multistorey Structure with Different Shapes in Zone-III”** was carried out by Mr. Poojan Hareshkumar Mistry (2126008001) at Swarnnim Startup and Innovation University, Gandhinagar for partial fulfilment of M.Tech degree to be awarded by Swarnnim Startup and Innovation University. This research work has been carried out under my supervision and is to the satisfaction of department.

Date: 15/06/23

Place: SSIU



Prof. Mansi Prajapati (Internal Guide)
Head of Department
(Structural Engg. Dept.)
Swarnnim Startup and Innovation University

SWARNIM INSTITUTE OF
TECHNOLOGY



SWARNIM STARTUP AND INNOVATION UNIVERSITY
BHOYAN RATHOD, GANDHINAGAR

CERTIFICATE

This is to certify that project entitled "*An Experimental Study on Ultra High-Performance Concrete using Microfine and GGBS*" submitted by **ZEEL RABARI** to the **Department of Civil Engineering, Swarnim Institute of Technology** in partial fulfillment for the award of the degree of "**Master of Technology**" is a record of project work carried out him under my supervision and guidance.

All help received by him have been duly acknowledged.

To the best of my knowledge no part of the project has been reproduced elsewhere for award of any degree.

Date: - 15/06/23

Ms. Mansi Prajapati
Head of Department
(Civil Engineering)

Dr. M.B. Dholakia
Dean and Director
Swarnim Institute of Technology

SWARNIM INSTITUTE OF
TECHNOLOGY