

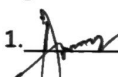
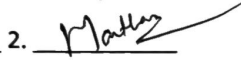
**SWARNIM INSTITUTE OF TECHNOLOGY - SSIU**

---

**CANDIDATE'S DECLARATION**

I hereby certify that the work which is being presented in the thesis entitled "**EXPERIMENTAL STUDY ON TRIPLE BLENDED HIGH PERFORMANCE CONCRETE WITH SILICA FUME AND METAKAOLIN**" by **AMAN SHAH (1924003001)** and **MANTHAN METHA (1924003004)** in partial fulfilment of requirements for the award of degree of bachelor submitted in the Department of civil Engineering at **SWARNIM INSTITUTE OF TECHNOLOGY** under an authentic record of our own work carried out during a period from 12/03/2023 to 21/04/2023 under the supervision of **PROF. DIXIT PATEL**. The matter presented in this thesis has not been submitted by us in any other University / Institute for the award of B.E. Degree.

Signature of the Student,

1.  2. 

This is to certify that the above statement made by the candidate is correct to the best of my/our knowledge.


The B. E. Viva-Voce Examination of


**AMAN SHAH.**

**MANTHAN METHA.**

Has been held on 22/05/23 and accepted.

  
Signature of Supervisor  
(**PROF. DIXIT PATEL**)

  
Signature of H.O.D  
(**PROF. MANSI PRAJAPATI**)

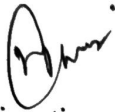
  
Signature of External  
Examiner

**SWARNIM INSTITUTE OF  
TECHNOLOGY**

## BONAFIDE CERTIFICATE

*This is to certified that this project report "EXPERIMENTAL STUDY OF GEO-POLYMER CONCRETE" is the bonafide wrok which has been carried out by Sahil Mahur Pravendrasingh 1924003002 under my supervision.*

**SIGNATURE**



Mrs. Mansi Prajapati

**HEAD OF THE DEPARTMENT**

Assistant Professor

Department of Civil Engineering

Swarnim Institute of Technology

**SIGNATURE**



Mr. Hitesh Makad

**SUPERVISOR**

Assistant Professor

Department of Civil Engineering

Swarnim Institute of Technology

Submitted for the University Examination held on 22/05/23.

**SWARNIM INSTITUTE OF  
TECHNOLOGY**

**INTERNAL EXAMINER**



**EXTERNAL EXAMINER**



## BONAFIDE CERTIFICATE

*This is to certified that this project report "EXPERIMENTAL ANALYSIS OF FIBRE REINFORCED CONCRETE" is the bonafide wrok which has been carried out by Gadhvi Dixit Ashokdanji 1924003006 and Patel Nihal Hareshbhai 1924003007 under my supervision.*



**SIGNATURE**

Ms. Mansi Prajapati

**HEAD OF THE DEPARTMENT**

Assistant Professor

Department of Civil Engineering

Swarnim Institute of Technology



**SIGNATURE**

Mr. Hitesh Makad

**SUPERVISOR**


Assistant Professor

Department of Civil Engineering

Swarnim Institute of Technology

Submitted for the University Examination held on 22/05/23 .

SWARNIM INSTITUTE OF  
**TECHNOLOGY**



**INTERNAL EXAMINER**





**EXTERNAL EXAMINER**

CANDIDATE'S DECLARATION

I hereby certify that the work which is being presented in the thesis entitled "**ANALYSIS & MAKING PROTOTYPE OF ATAL PEDESTRIAN BRIDGE**" by **JAYVEERSINH BALDEVSINH SINDHAV (1924003005)** and **NARAYAN S. CHAUDHARY (1924003003)** in partial fulfilment of requirements for the award of degree of bachelor submitted in the Department of civil Engineering at **SWARNIM INSTITUTE OF TECHNOLOGY** under an authentic record of our own work carried out during a period from 12/03/2023 to 06/04/2023 under the supervision of **PROF. HITESH MAKAD**. The matter presented in this thesis has not been submitted by us in any other University / Institute for the award of B.E. Degree.

Signature of the Student,

1.  2. 

This is to certify that the above statement made by the candidate is correct to the best of my/our knowledge.

The B. E. Viva-Voce Examination of

**JAYVEERSINH BALDEVSINH SINDHAV.**

**NARAYAN S. CHAUDHARY**

Has been held on 02/05/23 and accepted.

  
Signature of Supervisor

**(PROF. HITESH MAKAD)**

  
Signature of H.O.D.

**(PROF. MANSI PRAJAPATI)**



Signature of External

Examiner

SWARNIM INSTITUTE OF  
TECHNOLOGY

## BONAFIDE CERTIFICATE

*This is to certified that this project report "EXPERIMENTAL STUDY OF GEO-POLYMER CONCRETE" is the bonafide wrok which has been carried out by Azad Mishra 1924003011 under my supervision.*



**SIGNATURE**

Mrs. Mansi Prajapati

**HEAD OF THE DEPARTMENT**

Assistant Professor

Department of Civil Engineering

Swarnim Institute of Technology



**SIGNATURE**

Mr. Hitesh Makad

**SUPERVISOR**

Assistant Professor

Department of Civil Engineering

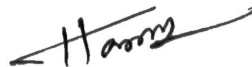
Swarnim Institute of Technology

Submitted for the University Examination held on 22 / 05 / 23.

**SWARNIM INSTITUTE OF  
TECHNOLOGY**



**INTERNAL EXAMINER**



**EXTERNAL EXAMINER**

## BONAFIDE CERTIFICATE

*This is to certified that this project report "ANALYSIS OF STRENGTH AND DURABILITY OF SELF COMPACTING CONCRETE" is the bonafide wrok which has been carried out by Patel Smit Upeshbhai 2025003002 and Zala Jaspalsinh Pradhumansinh 2025003004 under my supervision.*



**SIGNATURE**

Mrs. Mansi Prajapati

**HEAD OF THE DEPARTMENT**

Assistant Professor

Department of Civil Engineering

Swarnim Institute of Technology



**SIGNATURE**

Mr. Hitesh Makad

**SUPERVISOR**

Assistant Professor

Department of Civil Engineering

Swarnim Institute of Technology

Submitted for the University Examination held on 22/05/23.

SWARNIM INSTITUTE OF  
**TECHNOLOGY**



**INTERNAL EXAMINER**



**EXTERNAL EXAMINER**

## BONAFIDE CERTIFICATE

*This is to certified that this project report "ANALYSIS OF STRENGTH AND DURABILITY OF SELF HEALING CONCRETE" is the bonafide wrok which has been carried out by Kevadiya Harsh Kishorbhai 2025003006 and Vasani Raj Valjibhai 2025003009 under my supervision*



**SIGNATURE**

Mrs. Mansi Prajapati

**HEAD OF THE DEPARTMENT**

Assistant Professor

Department of Civil Engineering

Swarnim Institute of Technology



**SIGNATURE**

Mr. Hitesh Makad

**SUPERVISOR**

Assistant Professor

Department of Civil Engineering

Swarnim Institute of Technology

Submitted for the University Examination held on 22/05/23.

SWARNIM INSTITUTE OF  
**TECHNOLOGY**



**INTERNAL EXAMINER**



**EXTERNAL EXAMINER**