

CERTIFICATE

Date: 18/05/24

This is to certify that the project entitled “ **HARMONICITY ZERO CARBON FUTURE** has been carried out by **BIPIN , PRINCE , ARYA** within four walls of **SWARNIM START UP AND INNOVATION UNIVERSITY** under my guidance in fulfillment of the degree of Bachelor of Engineering in Civil Engineering (8th Semester) of academic year 2023-2024.

Internal Guide:

Prof. TARUN MAKWANA

Head of the department

Prof. Mansi Prajapati

External
Prof. Harsh khaman
SWARNIM INSTITUTE OF
TECHNOLOGY

CERTIFICATE

Date: 18-May-2024

This is to certify that the project entitled “Utilization of plastic waste as construction material” has been carried out by **Dineshkumar Vanzara, Ghanshyam Sadhu**. within four walls of Swarnnim Institute Of Technology under my guidance in Partial fulfillment of the degree of Bachelor Of Technology in Civil Engineering (8th Semester) of Swarnnim Startup & Innovation University , Gandhinagar-Gujarat during the academic year 2023-2024.

SWARNNIM INSTITUTE OF
TECHNOLOGY




18/05/24

Internal Guide: Prof. Dixit Patel



Head of the Department: Prof. Mansi Prajapati



External
Harsh Chamar

CERTIFICATE

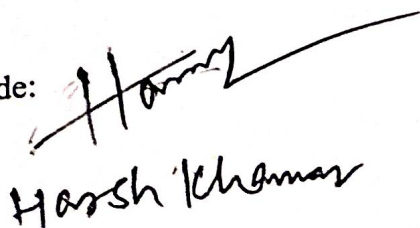
Date: 18/05/2024

This is to certify that the project entitled "**EcoBrick: Sustainable Building Blocks from Cow Dung**" has been carried out by **Chaudhary Harshiddh S, Patel Divy Bharatbhai**. within four walls of Swarnnim Institute Of Technology under my guidance in Partial fulfillment of the degree of Bachelor Of Technology in Civil Engineering (8th Semester) of Swarnnim Startup & Innovation University , Gandhinagar-Gujarat during the academic year 2023-2024.

Internal Guide:


18/05/24

External Guide:


Harsh Chamar

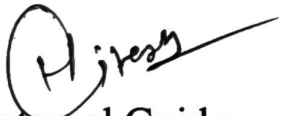

Head of the Department:

Prof. Mansi Prajapati

CERTIFICATE

Date: 18/05/24

This is to certify that research work embodied in this thesis entitled **“PREFABRICATED RCC STRUCTURES”** was carried out by **Mr. Keyur Ghediya(2024003011)**, **Mr. Nilesh Tuvur(2024003004)** at **Swarnim Startup and Innovation University, Gandhinagar** for partial fulfilment of B.Tech degree to be awarded by Swarnim Startup and Innovation University. This research work has been carried out under my supervision and is to the satisfaction of department.



Internal Guide:
Prof. Hitesh Makad



Head of Department:
Prof. Mansi Prajapati



External
Prof. Harsh Khemnar

SWARNIM INSTITUTE
TECHNOLOGY

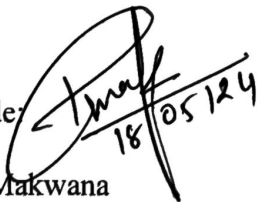
CERTIFICATE

Date: 18/05/24

This is to certify that the project entitled “Innovative Fog Dispersal System For Road Safety” has been carried out by Niket A. Nakum , Patel Krunal Kumar B. within four walls of Swarnnim Institute Of Technology under my guidance in Partial fulfillment of the degree of Bachelor Of Technology in Civil Engineering (8th Semester) of Swarnnim Startup & Innovation University , Gandhinagar-Gujarat during the academic year 2023-2024.

Internal Guide:

Prof. Tarun Makwana


18/05/24

Head of the Department:

Prof. Mansi Prajapati



SWARNIM INSTITUTE OF
TECHNOLOGY



External

Prof. Harsh Ichamdar

BONAFIDE CERTIFICATE

This is to certified that this project Report "EXPERTIMENTAL ANALYSIS ON FIBER REINFORCED CONCRETE" is the bonofide work which has been carried out by the Saksham Patel 2125003005 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

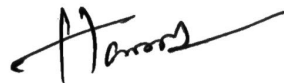
Swarnim Institute of Technology

Submitted for the University Examination held on 18/05/24.

SWARNIM INSTITUTE OF
TECHNOLOGY



INTERNAL EXAMINER



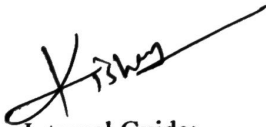
EXTERNAL EXAMINER

CERTIFICATE

Date: 18/05/24

This is to certify that the project entitled “**Pioneering green building innovations**” has been carried out by Patham D. Soni and Akash S. gehlot and Ashish K. Gehlot within four walls of Swarnnim Institute Of Technology under my guidance in Partial fulfillment of the degree of Bachelor Of Technology in Civil Engineering (8th Semester) of Swarnnim Startup & Innovation University , Gandhinagar-Gujarat during the academic year 2023-2024.

SWARNNIM INSTITUTE OF
TECHNOLOGY



Internal Guide:
Prof. Kishan Darji



Head of the Department:
Prof. Mansi Prajapati



External
Harsh Khanna