

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belagavi-590018, Karnataka



A PROJECT REPORT ON “UNFIRED SOIL BRICKS ADMIXTURE WITH COCONUT COIR, WASTE GLASS POWDER AND EGG SHELL POWDER”

*Submitted in partial fulfilment of the requirements for the seventh semester Project Work
Phase-I (18CVP78)*

BACHELOR OF ENGINEERING

IN

CIVIL ENGINEERING

Submitted by:

MADHU **1VK18CV007**

RAKSHITHA V **1VK18CV015**

YOGESHWARI S **1VK18CV024**

SHOBHITHA H J **1VK19CV406**

Under the guidance of

Mr. HARISH T S

Assistant Professor

Dept. of Civil Engineering



Janatha Education Society(R)
DEPARTMENT OF CIVIL ENGINEERING
VIVEKANANDA INSTITUTE OF TECHNOLOGY
Gudimavu, Kumbalagodu Post, Kengeri Hobli, Bengaluru-560074
2021-2022

Janatha Education Society (R)

VIVEKANANDA INSTITUTE OF TECHNOLOGY

Gudimavu, Kumbalagodu Post, Kengeri Hobli, Bengaluru – 560 074



DEPARTMENT OF CIVIL ENGINEERING

CERTIFICATE

This is to certify that Project Phase-I report entitled ***“UNFIRED SOIL BRICKS ADMIXTURE WITH COCONUT COIR, WASTE GLASS POWDER AND EGG SHELL POWDER”*** carried out by **MADHU (1VK18CV007), RAKSHITHA V (1VK18CV015), YOGESHWARI S (1VK18CV024) and SHOBHITHA H J (1VK19CV406)**, 7th semester students of **Vivekananda Institute of Technology**, Bengaluru in partial fulfilment for the academic year 2021-22. It is certified that all corrections/suggestions indicated have been incorporated in the report deposited in the department library. The Project Phase-I has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of the Guide

Mr. HARISH T S
Assistant Professor
Dept. of Civil Engineering
VKIT, Bengaluru

Signature of HOD

Dr. SHASHIKUMAR C S
Associate Professor & Head
Dept. of Civil Engineering
VKIT, Bengaluru

Signature of the Principal

Dr. PADMANABHA S
Principal
VKIT, Bengaluru

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ACKNOWLEDGEMENT

It is time for expressing our sincere gratitude towards all who are responsible for the successful completion of Project Phase-I work. Firstly, we would like to express our sincere regards and heartfelt thanks to our guide **Mr. Harish T S** Assistant Professor, Dept. of civil engineering, VKIT, Bengaluru, whose constant encouragement, guidance and support throughout the Project Phase -I work made us complete the work successfully on time. Also, we would like to thank our project coordinator **Mr. Siddaraju N** Assistant Professor, Dept. of Civil Engineering, VKIT, Bengaluru, for his support.

We take this opportunity to express our sincere words of gratitude to our HOD **Dr. Shashikumar C S**, Associate Professor and Head of Civil Engineering Department, VKIT, Bengaluru, for his support.

We take this opportunity to express our sincere words of gratitude to our beloved principal **Dr. Padmanabha S** for being kind enough to provide us an opportunity to work on a project in this institution.

We would like to convey our heartfelt gratitude to our beloved Vice Principle, **Dr. D V Chandrashekar**, VKIT, Bengaluru, for his support and encouragement during our studies

Our sincere gratitude is due towards Management of our institution **Vivekananda Institute of Technology**, Bengaluru.

We are grateful for all the teaching and non-teaching staff of **Department of Civil Engineering**, VKIT, Bengaluru, for providing us support and required facilities for successful completion of this Project Phase-I.

Last but not the least, we would like to thank our Parents and Friends who have helped us directly and indirectly in all possible ways for the success of this Project Phase-I.

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DECLARATION

We, **MADHU** (1VK18CV007), **RAKSHITHA V** (1VK18CV015), **YOGESHWARI S** (1VK18CV024) and **SHOBHITHA H J** (1VK19CV406) 7th semester students of **Vivekananda Institute of Technology**, Bengaluru. Hereby declare that the work being presented on the Project Phase-I entitled ***“UNFIRED SOIL BRICKS ADMIXED WITH COCONUT COIR, WASTE GLASS POWDER AND EGG SHELL POWDER”*** which is being submitted as partial fulfilment for 7th semester B.E. in Civil Engineering from Visvesvaraya Technological University, Belagavi, is an authentic record of our own Project Phase-I work that has been carried out by us during academic year 2021-22 at **Vivekananda Institute of Technology**, Bengaluru, under the guidance of **Mr. Harish T S** Assistant Professor of Dept. Civil Engineering, Vivekananda Institute of Technology, Bengaluru.

Name of the students

Signature

1. Madhu
2. Rakshitha V
3. Yogeshwari S
4. Shobhitha H J

DECLARATION

I, **MADHU** 7th semester B.E, bearing **USN (1VK18CV007)**, Vivekananda Institute of Technology, Bengaluru. Hereby declare that the work being presented on the Project Phase-I work entitled ***“UNFIRED SOIL BRICKS ADMIXED WITH COCONUT COIR, WASTE GLASS POWDER AND EGG SHELL POWDER”*** which is being submitted as partial fulfilment for 7th semester B.E. in Civil Engineering from Visvesvaraya Technological University, Belagavi, is an authentic record of my own Project Phase-I work that has been carried out by me during academic year 2021-22 at **Vivekananda Institute of Technology**, Bengaluru under the guidance of **Mr. Harish T S**, Assistant Professor, Dept. of Civil Engineering, Vivekananda Institute of Technology, Bengaluru.

(MADHU)

DECLARATION

I, **RAKSHITHA V** 7th semester B.E, bearing **USN (1VK18CV015)**, Vivekananda Institute of Technology, Bengaluru. Hereby declare that the work being presented on the Project Phase-I work entitled ***“UNFIRED SOIL BRICKS ADMIXED WITH COCONUT COIR, WASTE GLASS POWDER AND EGG SHELL POWDER”*** which is being submitted as partial fulfilment for 7th semester B.E. in Civil Engineering from Visvesvaraya Technological University, Belagavi, is an authentic record of my own Project Phase-I work that has been carried out by me during academic year 2021-22 at **Vivekananda Institute of Technology**, Bengaluru under the guidance of **Mr. Harish T S**, Assistant Professor, Dept. of Civil Engineering, Vivekananda Institute of Technology, Bengaluru.

(RAKSHITHA V)

DECLARATION

I, **YOGESHWARI S** 7th semester B.E, bearing **USN (1VK18CV024)**, Vivekananda Institute of Technology, Bengaluru. Hereby declare that the work being presented on the Project Phase-I work entitled ***“UNFIRED SOIL BRICKS ADMIXED WITH COCONUT COIR, WASTE GLASS POWDER AND EGG SHELL POWDER”*** which is being submitted as partial fulfilment for 7th semester B.E. in Civil Engineering from Visvesvaraya Technological University, Belagavi, is an authentic record of my own Project Phase-I work that has been carried out by me during academic year 2021-22 at **Vivekananda Institute of Technology**, Bengaluru under the guidance of **Mr. Harish T S**, Assistant Professor, Dept. of Civil Engineering, Vivekananda Institute of Technology, Bengaluru.

(YOGESHWARI S)

DECLARATION

I, **SHOBHITHA H J** 7th semester B.E, bearing **USN (1VK19CV406)**, Vivekananda Institute of Technology, Bengaluru. Hereby declare that the work being presented on the Project Phase-I work entitled ***“UNFIRED SOIL BRICKS ADMIXED WITH COCONUT COIR, WASTE GLASS POWDER AND EGG SHELL POWDER”*** which is being submitted as partial fulfilment for 7th semester B.E. in Civil Engineering from Visvesvaraya Technological University, Belagavi, is an authentic record of my own Project Phase-I work that has been carried out by me during academic year 2021-22 at **Vivekananda Institute of Technology**, Bengaluru under the guidance of **Mr. Harish T S**, Assistant Professor, Dept. of Civil Engineering, Vivekananda Institute of Technology, Bengaluru.

(SHOBHITHA H J)

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