**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**

**Jnana Sangama, Belagavi-590018, Karnataka**



A PROJECT REPORT ON

**“EXPERIMENTAL STUDY ON PARTIAL REPLACEMENT OF FINE AGGREGATE USING WASTE BRICK POWDER”**

*Submitted in partial fulfilment of the requirements for the Eight semester project work*

*Phase-2 (18CVP83)*

**BACHELOR OF ENGINEERING**

**IN**

**CIVIL ENGINEERING**

*Submitted by:*

**MAHADEV PRASAD N M 1VK18CV008**

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*Under the guidance of*

**DR. SHASHIKUMAR C S**

Associate Professor and Head

Dept. of Civil Engineering



Janatha Education Society(R)

**DEPARTMENT OF CIVIL ENGINEERING**

**VIVEKANANDA INSTITUTE OF TECHNOLOGY**

**Gudimavu, Kumbalagodu Post, Kengeri Hobli, Bengaluru-560074**

**2021-22**

**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-2 report entitled **“EXPERIMENTAL STUDY ON PARTIAL REPLACEMENT OF FINE AGGREGATE USING WASTE BRICK POWDER”** carried out by MAHADEV PRASAD N M (1VK18CV008), NANDISH U (1VK19CV403), NITHIN M (1VK19CV404) and VINAY M SAWANT (1VK19CV407), 8th 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-2 has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of the Principal

**DR. PADMANABHA S**

Principal

VKIT, Bengaluru

Signature of the Guide

**DR. SHASHIKUMAR C S**

Associate Professor & Head

Dept. of Civil Engineering

VKIT, Bengaluru

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| **SI No** | **NAME OF EXAMINER** | **SIGNATURE OF EXAMINER** |
| **1.** |  |  |
| **2.** |  |  |

**ACKNOWLEDGEMENT**

It is our time for expressing our sincere gratitude towards all who are responsible for the successful completion of Project Phase-2 work. Firstly, we would like to express our sincere regards and heart full thanks to our guide **DR. C S SHASHIKUMAR** Associate Professor and Head, Dept. of civil engineering, VKIT, Bengaluru, whose constant encouragement, guidance and support throughout the Project Phase -2 work made us to complete the work successfully on time. Also, We would like to thank our project co-ordinator **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 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 my studies

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

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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-2.

DECLARATION

We, MAHADEV PRASAD N M (1VK18CV008), NANDISH U (1VK19CV403), NITHIN M (1VK19CV404) and VINAY M SAWANT (1VK19CV407) 8th semester students of **Vivekananda Institute of Technology**, Bengaluru. Hereby declare that the work being presented on the Project Phase-2 report entitled **“EXPERIMENTAL STUDY ON PARTIAL REPLACEMENT OF FINE AGGREGATE USING WASTE BRICK POWDER”** which is being submitted as partial fulfilment for 8th semester B.E. in Civil Engineering from Visvesvaraya Technological University, Belagavi, is an authentic record of our own Project Phase-2 work that has been carried out by us during academic year 2021-22 at **Vivekananda** **Institute of Technology,** Bengaluru under the guidance of **DR. C S SHASHIKUMAR**  Associate Professor and Head, Dept. of Civil Engineering, Vivekananda Institute of Technology, Bengaluru.

**Name of the students Signature**

1. MAHADEV PRASAD N M
2. NANDISH U
3. NITHIN M
4. VINAY M SAWANT