"Jnana Sangama" Belagavi – 590010



PROJECT REPORT ON

"DESIGN OF ZERO ENERGY FOR RESIDENTIALBUILDING"

Submitted in partial fulfilment of the requirements for the award of degree

BACHELOR OF ENGINEERINGIN CIVIL ENGINEERING

Submitted By

BRIAN THOMAS JOHN 4AL20CV001

SIDRAM HUGAR 4AL20CV024

YESUDAS BASAVARAJ

HANCHINAMANI 4AL20CV027

POORNIMA K 4AL21CV400

Under the Guidance of

Dr. H G UMESHCHANDRA

Associate Professor Department of civil engineering



DEPARTMENT OF CIVIL ENGINEERINGALVA'S INSTITUTE OFENGINEERING & TECHNOLOGY MOODBIDRI – 574 225

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CERTIFICATE

Certified that the project work entitled "DESIGN OF ZERO ENERGY FOR RESIDENTIAL BUILDING, DAKSHINA KANNADA DISTRICT" is a Bonafede work carried out by

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Are Bonafede students of Department of Civil Engineering of Alva's Institute of Engineering and Technology in partial fulfillment for the award of BACHELOR OF ENGINEERING in CIVIL ENGINEERING of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI during the year 2023-2024. It

is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the Bachelor of Engineering Degree.

.H.G Umeshchandra

Project Guide

Prof. B Durgaprasad Baliga

Head of the Department

Dr. PeterFernandes

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Signature with

Name of the Examiners

Date

1. Mr. Anusha Bfar 2. Dr Ganesh Mogarul

"Jnana Sangama" Belagavi – 590010



PROJECT REPORT ON "HORTON'S INFILTRATION MODEL USING DOUBLE RING INFILTROMETER STUDY FOR KARKALA TALUK, UDUPI DISTRICT"

Submitted in partial fulfilment of the requirements for the award of degree

BACHELOR OF ENGINEERING IN CIVIL ENGINEERING

Submitted By

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HRISHIKESH R 4AL20CV003
MANJUNATH I K 4AL20CV009
SANDEEP 4AL20CV021

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Name of the Examiners

1 Ms. Anusta Blas 2 Dr. Gannh Mogann

Signature with date

"Juana Sangama" Belagavi – 590010



PROJECT REPORT ON

"BRIDGING HORIZONS: A COMPREHENSIVE STUDY OF THE PROPOSED KAVOOR CABLE-STAYED BRIDGE"

Submitted in partial fulfilment of the requirements for the award of degree

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Certified that the project work entitled

"BRIDGING HORIZONS: A COMPREHENSIVE STUDY OF THE PROPOSED KAVOOR CABLE-STAYED BRIDGE"

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Mr. Sukendra P Project Guide

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Name of the Examiners

1. Ms. Aewsto B Ros 2. Dr Gauch Mganul

Signature with Date

"Jnana Sangama" Belagavi – 590010



PROJECT REPORT ON

"PREDICTION OF BEHAVIOUR OF SUSTAINABLY DEVELOPED BUBBLE DECK SLAB USING ANN"

Submitted in partial fulfilment of the requirements for the award of degree

BACHELOR OF ENGINEERING IN CIVIL ENGINEERING

Submitted By

KH. ABDUL RAJAQUE SHAH 4AL20CV006

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Certified that the project work entitled "PREDICTION OF BEHAVIOUR OF SUSTANABLY DEVELOPED BUBBLE DECK USING ANN" is Bonafede work carried out by

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Signature of the Guide Ms. Anusha B Rao

Signature of the H.O.D Prof. Durgaprasad Baliga Signature of the Principal Dr. Peter Fernandes PRINCIPAL

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1 Mg. Ahusha B Ras

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Signature with date

29/1 2021

"Jnana Sangama" Belagavi – 590 010



PROJECT REPORT ON

"LABORATORY INVESTIGATION ON MUNICIPAL INCINERATOR WASTE AS A FILLER MATERIAL IN DENSE BITUMINOUS MIX FOR ROAD CONSTRUCTION"

Submitted in partial fulfillment of the requirements for the award of degree of

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CERTIFICATE

Certified that the project work entitled

"LABORATORY INVESTIGATION ON MUNICIPAL INCINERATOR WASTE AS A FILLER MATERIAL IN DENSE BITUMINOUS MIX FOR ROAD CONSTRUCTION"

is Bonafide work carried out by

MANGAL THOIBA IRENGBAM PRAGATI T NAIK SALAM MARIN SINGH SHIVAKUMAR K N

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Signature of the Guide Mr. Shankargiri K S

Assistant Professor

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Name of the Examiners

1. Mr. Anusha BROO-

Signature with date

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PROJECT REPORT ON "DEVELOPMENT OF HIGH EARLY STREGNTH CONCRETE BY USING INDUSTRIAL WASTE BY-PRODUCT"

Submitted in partial fulfillment of the requirements for the award of degree of

BACHELOR OF ENGINEERING

on their father IN of the rest field

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Submitted By

NANDINI S

4AL20CV011

ROHIT I KATTIMANI

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Under the Guidance of

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Certified that the work entitled "DEVELOPMENT OF HIGH EARLY STREGNTH CONCRETE BY USING INDUSTRIAL WASTE BY-PRODUCT" is a bonafide work carried out by Nandini S (4AL20CV011), Rohith I Kattimani (4AL20CV018), Shashank gowda (4AL20CV022), in partial fulfillment for the award of Bachelor of Engineering in Civil Engineering of the Visvesvaraya Technological University, Belagavi during the year 2023-24. It is certified that all corrections / suggestions indicated for Internal Assessment ebeen incorporated in the Report deposited in the department library. The project reporthas been approved as it satisfies the academic requirements in respect of project work prescribed for the said Degree.

Signature of the Guide

Mr, Santhosh K

Signature of the H.O.D

Prof. Durgaprasad Baliga

Signature of the Principal

Dr. Peter Fernan Mijar. MOODBIDRI - 574 225, D.K.

Name of the Examiners

1. Mr. Anusha BROD 2. Dr. Garuh Moganur

Signature with date

JNANA SANGAMA, BELAGAVI- 590 018, KARNATAKA, INDIA.



PROJECT REPORT ON

"ANALYSIS OF DIFFERENT SLOPE FAILURE ALONG THE ROAD SECTION OF SAKLESHPUR, KARNATAKA USING ROCK MASS CLASSIFICATION AND KINEMATIC ANALYSIS APPROACH"

Sponsored by Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560012

Submitted in partial fulfilment of the requirements for the award of degree

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Signature of the Guide

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Dr. H G UMESHCHANDRA

Signature of HOD

Prof. B DURGAPRASAD BALIGA

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