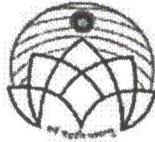


SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT

(A Unit of Shri Sode Vadiraja Mutt Education Trust @, Udupi)
Vishwothama Nagar, BANTAKAL - 574 115, Udupi District, Karnataka, INDIA

Department of Civil Engineering



SMVITM

CERTIFICATE

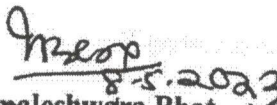
Certified that the Project Work titled 'FEASIBILITY AND ECONOMICS OF JASMINE CROP THROUGH FARMER INTERACTION IN UDUPI' is carried out by:

Mr. ARJUN D RAI USN: 4MW18CV001
Mr. AYUSH H SHETTY USN: 4MW20CV400
Mr. SHRAVAN KUMAR USN: 4MW19CV012
Mr. SONU KUMAR YADAV USN: 4MW19CV015

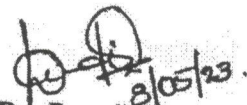
bonafide students of Shri Madhwa Vadiraja Institute of Technology and Management, in partial fulfillment for the award of the degree of Bachelor of Engineering in Civil Engineering of Visvesvaraya Technological University, Belagavi during the year 2022-23. It is certified that all the corrections have been incorporated in the report. The report has been approved as it satisfies the academic requirements in respect of Project Work prescribed for the said degree.


Dr. Deepika B V

Assoc. Professor & Guide
Dept. of Civil Engineering
Signature with date




Dr. Thirumaleshvara Bhat

Professor & Head
SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY AND MANAGEMENT
Signature with date and seal
Vishwothama Nagar, Udupi Dist.
BANTAKAL - 574 115
External Viva


Dr. Deepika B V

Assoc. Professor & HOD
Dept. of Civil Engineering
Signature with date and seal

Name of the Examiners:

1.  Ramesh
2.  Ramesh



Professor & Head
Signature with Date
SHRI MADHWA VADIRAJA
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Department of Civil Engineering



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CERTIFICATE

Certified that the project Work titled "PERFORMANCE OF ALKALI ACTIVATED CONCRETE MIX WITH STEEL SLAG AS A COARSE AGGREGATE FOR RIGID PAVEMENT" is carried out by:

Mr. Aayush kumar
Mr. Rangaswamy K Y
Mr. Varun

USN: 4MW19CV001
USN: 4MW20CV401
USN: 4MW19CV017

bonafide students of Shri Madhwa Vadiraja Institute of Technology and Management, in partial fulfillment for the award of the degree of Bachelor of Engineering in Civil Engineering of Visvesvaraya Technological University, Belagavi during the year 2022-2023. It is certified that all the corrections have been incorporated in the report. The report has been approved as it satisfies the academic requirements in respect of Project Work prescribed for the said degree.

19/05/2023
Mr. Jayaram Nayak B
Asst. Professor & Guide
Dept. of Civil Engineering
Signature with date

Aravind
Dr. Thirumaleshwara Bhat
Professor and Principal
SMVITM
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar Udupi Dist
BANTAKAL - 574 115

Deepika
Dr. Deepika B V
Associate professor and HOD
Dept. of Civil Engineering
Signature with date and seal

External Viva

Name of the Examiners:

1. *SEENIR* HEANDANAR
2. *Ramesh*

Signature with Date

Aravind
Ramesh

SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT

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Vishwothama Nagar, BANTAKAL - 574 115, Udupi District, Karnataka, INDIA

Department of Civil Engineering

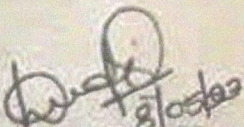


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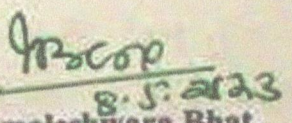
Certified that the Project Work titled 'SPATIAL DISTRIBUTION OF IRON CONTENT IN THE AQUIFERS USING GIS INTERPOLATION AND TREATMENT USING LOW COST FILTER MEDIA: A CASE STUDY IN UDUPI TALUK' is carried out by:

ADARSH	USN: 4MW19CV002
ADITHYA KRISHNA BHAT	USN: 4MW19CV003
PRIYANKA DSOUZA	USN: 4MW19CV011

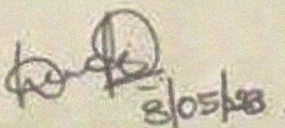
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Dr. Deepika B V

Assoc. Professor & Guide
Dept. of Civil Engineering
Signature with date

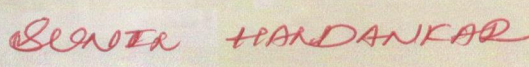
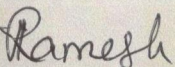

Dr. Thirumaleshwara Bhat
Principal
SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY AND MANAGEMENT
Vishwothama Nagar, Udupi Dist.
BANTAKAL - 574 115

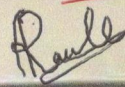
External Viva


Dr. Deepika B V
Assoc. Professor & HOD
Dept. of Civil Engineering
Signature with date and seal

Professor & Head
DEPARTMENT OF CIVIL ENGINEERING
SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
BANTAKAL - 574 115, UDUPI DIST., KARNATAKA

Name of the Examiners:

1.  Suman Handankar
2.  Ramesh



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Department of Civil Engineering



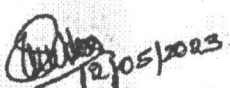
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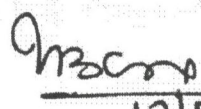
CERTIFICATE

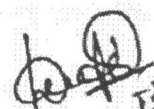
Certified that the Project Work titled 'AUGMENTATION OF GROUND WATER RECHARGE THROUGH KATTAS IN UDUPI REGION (through field studies and analysis)' is carried out by:

Mr. PRAJWAL	USN: 4MW19CV010
Ms. ANWITHA	USN: 4MW19CV006
Mr. AKASH B ACHARYA	USN: 4MW19CV004


Bonafide students of Shri Madhwa Vadiraja Institute of Technology and Management, in partial fulfillment for the award of the degree of Bachelor of Engineering in Civil Engineering of Visvesvaraya Technological University, Belagavi during the year 2022-2023. It is certified that all the corrections / suggestions indicated during Internal Assessment have been incorporated in the report. The report has been approved as it satisfies the academic requirements in respect of Project Work prescribed for the said degree.


12/05/2023
Mr. Sunil Haldankar
Asst. Professor (Sr.) & Guide
Dept. of Civil Engineering
Signature with date


12/5/2023
Dr. Thirumaleshwara Bhat
Principal
Professor & Principal
SMVITM, Bantakal
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar, Udupi Dist.
BANTAKAL - 574 115


12/05/23
Dr. Deepika B V
Professor & Head
Dept. of Civil Engineering
Signature with date and seal
BANTAKAL - 574 115, UDUPI DIST., KARNATAKA

Name of the Examiners:

1.  SUNIL HALDANKAR
2. Ramesh

Signature with Date




SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT

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Vishwothama Nagar, BANTAKAL - 574 115, Udipi District, Karnataka, INDIA

Department of Civil Engineering



SMVITM

CERTIFICATE

Certified that the Project Work titled 'CONSTRUCTION OF COMPOUND WALL USING DEMOLITION WASTE' is carried out by:

Mr. AKHILESH

USN: 4MW19CV005

Mr. SHRIHARSHA KULAKARNI

USN: 4MW19CV013

Ms. RENUKA M B

USN: 4MW20CV402

Bonafide students of Shri Madhwa Vadiraja Institute of Technology and Management, in partial fulfillment for the award of the degree of **Bachelor of Engineering** in Civil Engineering of Visvesvaraya Technological University, Belagavi during the year 2022-2023. It is certified that all the corrections / suggestions indicated during Internal Assessment have been incorporated in the report. The report has been approved as it satisfies the academic requirements in respect of Project Work prescribed for the said degree.

Mr. Roshan S Kotian
Asst. Professor & Guide
Dept. of Civil Engineering
Signature with date

Dr. Thirumaleshwara Bhat
Principal
Professor & Principal
SHRI MADHWA VADIRAJA
SMVITM, Bantakal
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Signature with date and seal
Vishwothama Nagar, Udipi Dist.
BANTAKAL - 574 115

Dr. Deepika B V
Asso. Professor & HOD
Dept. of Civil Engineering
Signature with date and seal

External Viva

Name of the Examiners:

1. **GENEER HAN DANEAR**
2. **Ramesh**

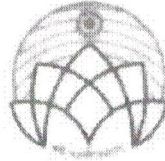
DEPARTMENT OF CIVIL ENGINEERING
SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
BANTAKAL - 574 115, UDUPI DIST., KARNATAKA

Signature with Date

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Department of Civil Engineering



SMVITM

CERTIFICATE

Certified that the Project Work titled “FEASIBILITY OF CEMENTLESS INTERLOCK BLOCK AS A GREEN PAVEMENT SYSTEMS : FUTURISTIC SUSTAINABLE CONSTRUCTION PRACTICES” is carried out by:

SANDARSH R ACHARYA

USN: 4MW20CV403


CHANDAN KR

USN: 4MW19CV008

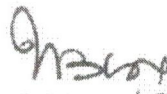
CHAITHRA RAMANAVAR

USN: 4MW19CV007

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12/05/2023

Mr. Sunil Haldankar
Assistant Professor & Guide
Dept. of Civil Engineering
Signature with date


12/5/2023

Dr. Thirumala Bhat
Professor & Head
Dept. of Civil Engineering
Signature with date and seal


12/05/2023

Dr. Deepika B V
Associate Professor & HOD
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Signature with date and seal

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Name of the Examiners:

1.  RAMESH

2. Ramesh



Signature with Date



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Vishwothama Nagar, BANTAKAL - 574 115, Udupi District, Karnataka, INDIA

Department of Civil Engineering



SMVITM

CERTIFICATE

Certified that the Project Work titled 'EVALUATION OF PERFORMANCE AND ENERGY SAVING POTENTIAL OF EARTH AIR TUNNEL SYSTEM INSIDE THE BUILDING AS SUSTAINABLE ALTERNATIVE' is carried out by:

SINCHANA

USN: 4MW19CV014

VINUTH C S

USN: 4MW19CV018

VYBHAV S KOTIAN

USN: 4MW19CV019

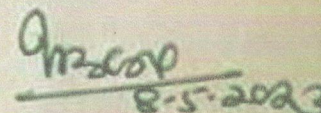
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Mr. N Madhusoodhana Rao

Assistant Professor & Guide

Dept. of Civil Engineering

Signature with date


Dr. Thirumaleshwara Bhat

Professor & Principal

SMVITM
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BANTAKAL - 574 115


Dr. Deepika B V

HOD

Dept. of Civil Engineering

Signature with date and seal

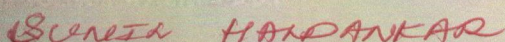
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Name of the Examiners:

1.  SNEHA HANDANKAR

2. Ramesh

