

SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT
BANTAKAL, UDUPI-574115
DEPARTMENT OF MECHANICAL ENGINEERING



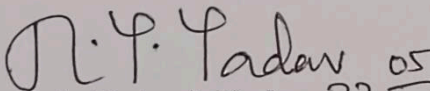
SMVITM

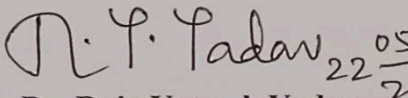
CERTIFICATE

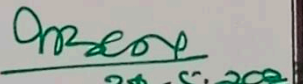
Certified that the work entitled "Study of Performance and Emission Characteristics of Four Stroke Indirect Injection (IDI) Diesel Engine with Diesel-Used Transformer Oil (UTO) blends" has been carried out by

- | | |
|----------------------------|------------|
| 1. Mr. PRATHWIK | 4MW15ME079 |
| 2. Mr. M V VIGHNESH | 4MW19ME008 |
| 3. Mr. RAHUL R P | 4MW19ME014 |
| 4. Mr. WELTON ASLAM DSOUZA | 4MW19ME025 |

who are bonafide students of SMVITM, Bantakal, in partial fulfillment for the award of Bachelor of Engineering in Mechanical Engineering discipline of the Visvesvaraya Technological University, Belagavi, during the year 2022-2023. It is certified that all the corrections/suggestions indicated during the internal assessment have been incorporated in the report. The project report presented has been approved, as it satisfies the academic requirement in respect of project work prescribed by the University for the award of the degree.

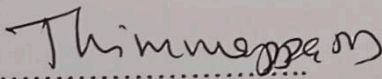
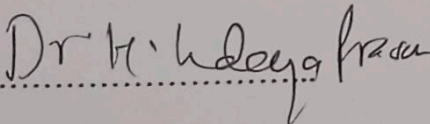

Dr. Raja Yateesh Yadav 22/05/2023
Associate Professor & Guide
Department of Mechanical Engineering,
SMVITM, Bantakal


Dr. Raja Yateesh Yadav 22/05/2023
Associate Professor & Head
Department of Mechanical Engineering,
SMVITM, Bantakal

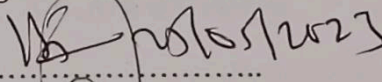
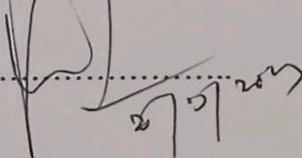

Dr. Thirumaleshwara Bhat 22.5.2023
Principal
SMVITM, Bantakal
SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar Udupi Dist.
BANTAKAL - 574 115

External Viva-Voce Examination

Name of the Examiner

1. 
2. 

Signature with date

SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT

BANTAKAL, UDUPI-574115

DEPARTMENT OF MECHANICAL ENGINEERING




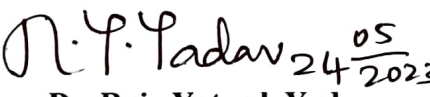
CERTIFICATE


Certified that the work entitled "DESIGN AND DEVELOPMENT OF LEAF PLATE MOLDING MACHINE FOR PRODUCING BIODEGRADABLE PLATES FROM WASTE LEAVES" has been carried out by

- | | |
|--------------------------------|------------|
| 1. Mr. CHANDAN NELLI M K | 4MW18ME004 |
| 2. Mr. PRATHIK AMBALPADY | 4MW20ME400 |
| 3. Mr. PRATHVIRAJ | 4MW20ME401 |
| 4. Mr. SHESHAGIRI VAIKUNTH PAI | 4MW20ME403 |

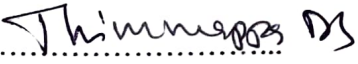

who are bonafide students of SMVITM, Bantakal, in partial fulfillment for the award of Bachelor of Engineering in Mechanical Engineering discipline of the Visvesvaraya Technological University, Belagavi, during the year 2022-2023. It is certified that all the corrections/suggestions indicated during the internal assessment have been incorporated in the report. The project report presented has been approved, as it satisfies the academic requirement in respect of project work prescribed by the University for the award of the degree.


Dr. Sudarshan Rao K
Dean (Quality Assurance)
Department of ME
SMVITM, Bantakal

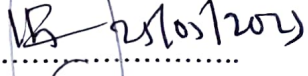
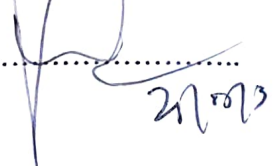

Dr. Raja Yateesh Yadav 24⁰⁵/2023
Associate Professor & Head
Department of ME
SMVITM, Bantakal
Dept. of Mechanical Engg.
SMVITM, BANTAKAL 574115
External Viva


Dr. Thirumaleshwara Bhat
Principal
SMVITM, Bantakal
SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwathara Nagar, Udupi Dist.
BANTAKAL 574115

Name of the Examiner

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Signature with date


24/05/2023

21/05/23

SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT

BANTAKAL, UDUPI-574115

DEPARTMENT OF MECHANICAL ENGINEERING



SMVITM

CERTIFICATE

Certified that the work entitled "HYBRID VERTICAL TURBINE ELECTRICITY GENERATOR USING VEHICULAR MOVEMENT" has been carried out by

CHETAN A NAIK

USN: 4MW19ME002

MOHAMMED RIDAN

USN: 4MW19ME009


N GAUTHAM BHAT

USN: 4MW19ME010

SATHWIK S

USN: 4MW19ME017

who are bonafide students of SMVITM, Bantakal, in partial fulfillment for the award of Bachelor of Engineering in Mechanical Engineering discipline of the Visvesvaraya Technological University, Belagavi, during the year 2022-2023. It is certified that all the corrections/suggestions indicated during the internal assessment have been incorporated in the report. The project report presented has been approved, as it satisfies the academic requirement in respect of project work prescribed by the University for the award of the degree.

 24/05/23

Mr. Ananth M Mallya
Assistant Professor
Department of ME
SMVITM, Bantakal

 24⁰⁵/₂₀₂₃

Dr. Raja Yateesh Yadav
Associate Professor & Head
Department of ME
SMVITM, Bantakal
Associate Prof & Head
Dept. of Mechanical Engg
SMVITM, BANTAKAL 574115

External Viva

 24/05/2023

Dr. Thirumaleshwara Bhat
Principal
SMVITM, Bantakal
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Visvesvaraya Department of Engg
Bantakal, Udupi

Name of the Examiner

1. Thimmappan

2. Dr. K. Indraprasanna

Signature with date

 24/05/2023



SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT

BANTAKAL, UDUPI-574115

DEPARTMENT OF MECHANICAL ENGINEERING



SMVITM

CERTIFICATE

Certified that the work entitled "Design and Fabrication of Tamarind and Salt Mixing Machine" has been carried out by

1. Mr. H J GAGAN

4MW19ME003

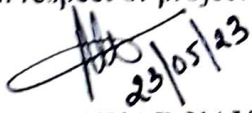
2. Mr. RAVIRAJ

4MW19ME016


3. Mr. SUBRAMANYA S POOJARY

4MW19ME021

who are bonafide students of SMVITM, Bantakal, in partial fulfillment for the award of Bachelor of Engineering in Mechanical Engineering discipline of the Visvesvaraya Technological University, Belagavi, during the year 2022-2023. It is certified that all the corrections/suggestions indicated during the internal assessment have been incorporated in the report. The project report presented has been approved, as it satisfies the academic requirement in respect of project work prescribed by the University for the award of the degree.



23/05/23
Dr. MADHUKAR NAYAK
Associate Professor & Guide
Department of Mechanical Engineering,
SMVITM, Bantakal

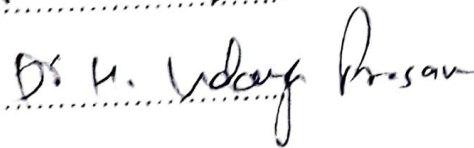

23⁰⁵/2023
Dr. Raja Yateesh Yadav
Associate Professor & Head,
Department of Mechanical Engineering,
SMVITM, Bantakal
Associate Prof & Head
Dept. of Mechanical Engg.
SMVITM, BANTAKAL 574115


24/5/2023
Dr. Thirumaleshwara Bhat
Principal,
SMVITM, Bantakal
SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwathama Nagar Udupi Dist.
BANTAKAL 574 115

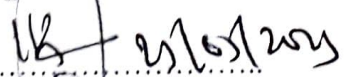
External Viva-Voce Examination

Name of the Examiner

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Signature with date


23/05/2023


27/5/23

SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT
BANTAKAL, UDUPI-574115
DEPARTMENT OF MECHANICAL ENGINEERING



SMVITM

CERTIFICATE

Certified that the work entitled "SOLAR POWERED GRASS TRIMMER WITHOUT BATTERY" has been carried out by

- | | |
|------------------|------------|
| 1. Mr. KIRAN | 4MW19ME005 |
| 2. MR. LIKITH | 4MW19ME006 |
| 3. MR. LOHITH | 4MW19ME007 |
| 4. MR. PRASHANTH | 4MW19ME013 |

who are bonafide students of SMVITM, Bantakal, in partial fulfillment for the award of Bachelor of Engineering in Mechanical Engineering discipline of the Visvesvaraya Technological University, Belagavi, during the year 2022-2023. It is certified that all the corrections/suggestions indicated during the internal assessment have been incorporated in the report. The project report presented has been approved, as it satisfies the academic requirement in respect of project work prescribed by the University for the award of the degree.

Dr. Manjunath S
Sr. Assistant Professor
Department of ME
SMVITM, Bantakal

Dr. Raja Yateesh Yadav
Associate Professor & Head
Department of ME
SMVITM, Bantakal

Dr. Thirumaleshwara Bhat
Principal
SMVITM, Bantakal
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar, Udipi Dist.
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DEPARTMENT OF MECHANICAL ENGINEERING



SMVITM

CERTIFICATE

Certified that the work entitled **"CHARACTERIZATION OF MAGNESIUM ALLOY BASED SURFACE NANO COMPOSITE BY FRICTIONAL STIR PROCESS"** has been carried out by

- | | |
|--------------------------------------|-------------------|
| 1. Mr. SHARON EDEN MENEZES | 4MW19ME020 |
| 2. Mr. PRASAD MARUTI GHORPADE | 4MW19ME012 |
| 3. Mr. SAYED MOHAMMED HUSSIAN | 4MW19ME018 |
| 4. Mr. NIKHIL KUMAR MOOLYA | 4MW19ME011 |

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**Mr. Lingaraj K Ritti /
Mr. Aditya Kudva S**
Assistant Professor(Sr),
Department of ME,
SMVITM, Bantakal

Dr. Raja Yateesh Yadav
Associate Professor & Head,
Department of ME,
SMVITM, Bantakal

Dr. Thirumaleshwara Bhat
Principal,
SMVITM, Bantakal
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BANTAKAL - 574 115

External Viva

Name of the Examiner

1. Thimmappa

2. Dr. H. Vidya Prasa

Signature with date

25/05/2023

SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT

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SMVITM

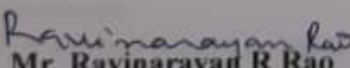
CERTIFICATE

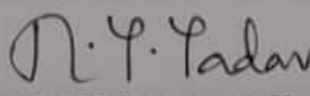
Certified that the work entitled "PERFORMANCE ANALYSIS OF CONCENTRATING TYPE SOLAR COOKER WITH PCM STORAGE FOR LATE EVENING COOKING"

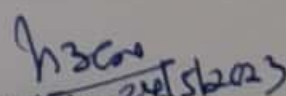
has been carried out by

- | | |
|----------------------------|------------|
| 1. Mr. RATHAN PATKAR | 4MW19ME015 |
| 2. Mr. SHABARISH R POOJARY | 4MW19ME019 |
| 3. Mr. SUDEEP DHONDYA | 4MW19ME022 |
| 4. Mr. VIGHNESH UDUPA | 4MW19ME024 |

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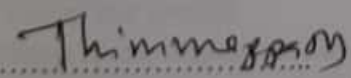
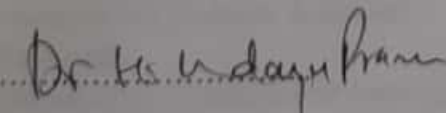

Mr. Ravinarayan R Rao
Assistant Professor(Sr)
Department of ME
SMVITM, Bantakal


Dr. Raja Yateesh Yadav
Associate Professor & Head
Department of ME
SMVITM, Bantakal


Dr. Thirumaleshwara Bhat
Principal
SMVITM, Bantakal
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