

"Techno-Social Excellence"
Marathwada Mitramandal's
Institute of Technology
Lohgaon, Pune

Department : Mechanical Engineering

Course Code : 402053

Title of Course : Project

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62		KORHALE HARSHAL AJINATH	
63		LOKHANDE SUYASH RAJARAM	



CERTIFICATE

This is to certify that **Mr. Abhishek Sudhakar Lad, Mr. Chaitanya Dattatray Shinde, Mr. Babalu Ankush Meher and Ms. Akanksha Sampat Sawant** has successfully completed the project report entitled **“Development of Virtual Lab Simulation For Two Wire Method”** under my supervision, in the partial fulfilment of **Bachelor of Engineering** (Mechanical Engineering) of Savitribai Phule Pune University at Marathwada Mitra Mandal’s Institute of Technology, Lohegaon, Pune.

Date: 03/06/2023

Place: **Pune**



Prof. S. S. More
Guide



Prof. R. P. Polas
Project Coordinator



External



Prof. S. S. More
H.O.D.



Dr. R. V. Bhortake

Principal

CERTIFICATE

This is to certify that **Mr. Shubham Namdev Nikam, Mr. Kaustubh Raju Atkire, Mr. Rutvik Anil Mutkule, Ms. Amruta Bharat Sutar** has successfully completed the project report entitled “**Design and Fabrication of Multipurpose Agricultural Machine**” under my supervision, in the partial fulfilment of **Bachelor of Engineering (Mechanical Engineering)** of Savitribai Phule Pune University at Marathwada Mitra Mandal’s Institute of Technology, Lohegaon, Pune.

Date: 03/06/2023

Place: Pune



Prof. S. S. More
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Prof. R. P. Polas
Project Coordinator



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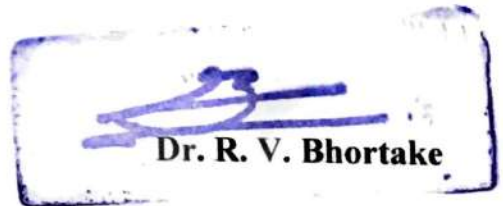


Prof. S. S. More

H.O.D.



Seal



Dr. R. V. Bhortake

Principal

CERTIFICATE

This is to certify that **Mr. CHANDOLE SWAPNIL SACHIN, Mr. HANKARE VARSHIKET SHRINIWAS, Mr. THAKARE HRUSHIKESH OMAPRAKASH and Mr. KURE SHIVSHANKAR SANJAY** has successfully completed the project report entitled **“DESIGN AND FINITE ELEMENT ANALYSIS OF BUTTERFLY DAMPER”** under my supervision, in the partial fulfilment of **Bachelor of Engineering (Mechanical Engineering)** of Savitribai Phule Pune University at Marathwada Mitra Mandal's Institute of Technology, Lohgaon, Pune.

Date: 03/06/2023

Place: Pune


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Principal

CERTIFICATE

This is to certify that **Mr. Shaikh Mainoddin Zakir, Mr. Sawant Harshal Milind, Ms. Shinde Prakash Suresh and Mr. Thakur Rudresh Paresh** has successfully completed the project report entitled "**Analysis of energy efficient ceiling cooling system for space**" under my supervision, in the partial fulfilment of **Bachelor of Engineering** (Mechanical Engineering) of Savitribai Phule Pune University at Marathwada Mitra Manda's Institute of Technology, Lohegaon, Pune.

Date: 03/06/2023

Place: **Pune**



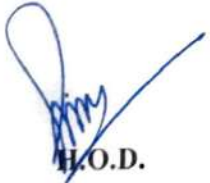
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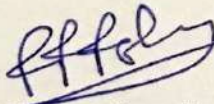
This is to certify that **Mr. Atharv Ankushrao Chapalkar, Mr. Abhishek Sharad Chikate, Mr. Yash Sanjay Kadale and Mr. Aniket Bharat Tupkar** has successfully completed the project report entitled **"FEA analysis of leg guard of a bike using composite material"** under my supervision, in the partial fulfillment of **Bachelor of Engineering (Mechanical Engineering)** of Savitribai Phule Pune University at Marathwada Mitra Mandal's Institute of Technology, Lohegaon, Pune.

Date: 03/06/2023

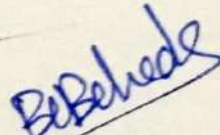
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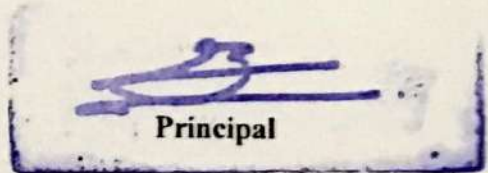
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H.O.D.



Seal



Principal

DECLARATION

CERTIFICATE

This is to certify that **Mr. Manthan Shinde, Mr. Pratik Poul, Mr. Vaibhav Pawar and Mr. Govinda Dudhgonde** has successfully completed the project report entitled "**Design And Analysis of Carbon Fiber Motorcycle Helmet** " under my supervision, in the partial fulfilment of **Bachelor of Engineering (Mechanical Engineering)** of Savitribai Phule Pune University at Marathwada Mitra Mandal's Institute of Technology, Lohgaon, Pune.

Date: 03/06/2023

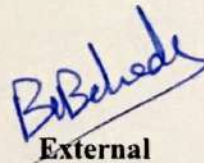
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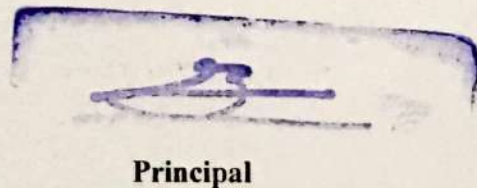
Project Coordinator



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Prof. Sudhir More
HoD Mechanical Engineering
H.O.D.



Principal

CERTIFICATE

This is to certify that **Mr. Dandade Nana Pramod, Mr. Hotkar Nikhil Sukhadeo, Mr. Jadhav Rameshwar Mahadeo and Mr. Kale Akshay Balkrushna** has successfully completed the project report entitled "**Design and Fabrication of Multi-Sieve Seiving Machine**" under our supervision, in the partial fulfilment of **Bachelor of Engineering (Mechanical Engineering)** of Savitribai Phule Pune University at Marathwada Mitra Mandal's Institute of Technology, Lohegaon, Pune.

Date: 03/06/2023

Place: **Pune**



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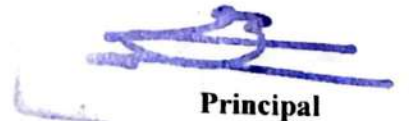
Project Coordinator



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H.O.D.



Principal

CERTIFICATE

This is to certify that **Mr. Jadhav Onkar Vyankatesh, Mr. Jadhav Rushikesh and Mr. Jojar Rohit Babasaheb** has successfully completed the project report entitled **“Waste Plastic To Thermo-Fuel By Pyrolysis Process”** under my supervision, in the partial fulfilment of **Bachelor of Engineering (Mechanical Engineering)** of Savitribai Phule Pune University at Marathwada Mitra Manda's Institute of Technology, Lohgaon, Pune.

Date: 03/06/2023

Place: Pune


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Principal

CERTIFICATE

This is to certify that **Mr. Pritam Suryawanshi and Mr. Shubham Kadam** has successfully completed the project report entitled "**Analysis of front shock absorber of two wheeler through scanning electron microscopy**" under my supervision, in the partial fulfillment of **Bachelor of Engineering (Mechanical Engineering)** of Savitribai Phule Pune University at Marathwada Mitra Mandal's Institute of Technology, Lohgaon, Pune.

Date: 03/06/2023

Place: Pune



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Principal

CERTIFICATE

This is to certify that **Mr. Shaikh Iraphan Ahamad, Mr. Shaikh Sohel Salim, and Mr. Sandesh Shelke** has successfully completed the project report entitled **“POWER GENERATION USING FOOT STEP”** under my supervision, in the partial fulfilment of **Bachelor of Engineering** (Mechanical Engineering) of Savitribai Phule Pune University at Marathwada Mitra Mandal's Institute of Technology, Lohgaon, Pune.

Date: 03/06/2023

Place: **Pune**


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H.O.D.




Principal

CERTIFICATE

This is to certify that **Mr. Chincholi Bhagesh Sharanappa, Mr. Jadhav Amit Sanjay, Mr. Matkar Sagar Parmeshwar and Mr. Shinde Akshay Ravindra** has successfully completed the project report entitled **“Design and Development of Low Temperature Assisting Storage System for Onions”** under our supervision, in the partial fulfilment of **Bachelor of Engineering (Mechanical Engineering)** of Savitribai Phule Pune University at Marathwada Mitra Mandal’s Institute of Technology, Lohegaon, Pune.

Date: 03/06/2023

Place: **Pune**



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Project Coordinator



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H.O.D.



Principal

CERTIFICATE

This is to certify that **Mr. Pol Omkar, Mr. Ramkar Amol, Mr. Sahasrabudhe Omkar, Mr. Koli Vikas** has successfully completed the project report entitled "**Design, Development, and Fabrication of Cyclone Type Dust Collector**" under my supervision, in the fulfilment of **Bachelor of Engineering (Mechanical Engineering)** of Savitribai Phule Pune University at Marathwada Mitra Manda's Institute of Technology, Lohgaon, Pune.

Date: 03/06/2023

Place: **Pune**


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Project Coordinator


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H.O.D.




Principal

CERTIFICATE

This is to certify that **Mr.Samir Mujawar, Mr. Nasser Husain Tadmod, Ms. Gokul Dhame and Mr. Avinash Mare** has successfully completed the project report entitled "**Outer Door Handle (ODH) Remover Mechanism**" under my supervision, in the partial fulfilment of **Bachelor of Engineering** (Mechanical Engineering) of Savitribai Phule Pune University at Marathwada Mitra Manda's Institute of Technology, Lohgaon, Pune.

Date: 03/06/2023

Place: Pune



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Project Coordinator



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H.O.D.



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Principal

CERTIFICATE

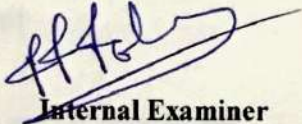
This is to certify that **Mr. Abhijit Dattatray Dongare, Mr. Aman Jeevansinh Chauhan, Mr. Akash Raychand Kadam and Mr. Sripad Vikas Giri** have successfully completed the project report entitled **“Manufacturing of Portable Pneumatic Operated Vertical Honing Machine”** under my supervision, in the partial fulfilment of **Bachelor of Engineering (Mechanical Engineering)** of Savitribai Phule Pune University at Marathwada Mitra Mandal’s Institute of Technology, Lohegaon, Pune.

Date: 03/06/2023

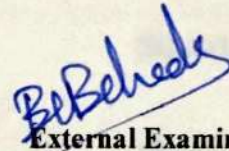
Place: Pune



Guide




Internal Examiner



External Examiner



H.O.D.


Principal



CERTIFICATE

This is to certify that **Mr. Bhati Sanket, Mr. Patil Vishal and Mr. Waykar Jayesh** has successfully completed the project report entitled “**Solar operated seed driller and fogging Sprayer pump**” under my supervision, in the partial fulfilment of **Bachelor of Engineering (Mechanical Engineering)** of Savitribai Phule Pune University at Marathwada Mitra Manda's Institute of Technology, Lohgaon, Pune.

Date: 03/06/2023

Place: **Pune**


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Project Coordinator


External


H.O.D.




Principal

CERTIFICATE

This is to certify that **Mr. KUNDAN VITTHAL GHUGUL, Mr. ATHARV NILESH ETANE, Mr. CHINMAY NARENDRA DHANDE and Mr. CHAITANYA TUSHAR KURKURE** has successfully completed the project report entitled “**Design and Development of Solar Assisted Electric Bicycle**” under my supervision, in the partial fulfilment of **Bachelor of Engineering** (Mechanical Engineering) of Savitribai Phule Pune University at Marathwada Mitra Manda’s Institute of Technology, Lohgaon, Pune.

Date: 03/06/2023

Place: **Pune**


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H.O.D.




Principal

CERTIFICATE

This is to certify that **Mr. Lad Atish Gajanan, Mr. Korhale Harshal Ajanath, Mr. Lokhande Suyash Rajaram, Mr. Mate Sumit Yashwant** have successfully completed the project report entitled "**Design And Fabrication Of Sugarcane Cultivation Attachment**" under my supervision, in the partial fulfilment of **Bachelor of Engineering (Mechanical Engineering)** of Savitribai Phule Pune University at Marathwada Mitra Manda's Institute of Technology, Lohgaon, Pune.

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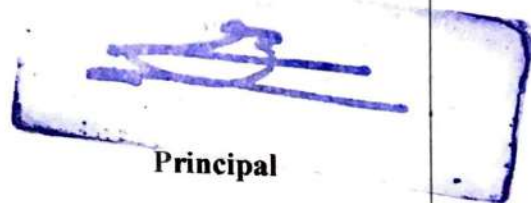
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Principal