

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

Department : Mechanical Engineering

Course Code : 302055

Title of Course : Mini Project

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3		PAWAR TUSHAR BALASAHEB	
4		BAMANE PAWAN TANAJI	
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6		MAHAJAN ROHAN RAJENDRA	
7		SALVE SUBODH AVINASH	
8		SHIRKE LALITA KAILAS	
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11		THOKAL TUSHAR GORAKSH	
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14		GAUD MANISH RAJENDRA	
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23		POTDAR ANKITA RAMESH	
24		DAMBRE RAHUL	
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27		PACHARNE HIMANSHU NARAYAN	
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47		PAWAR NEHAL SANJAY	
48		RASAL SOURABH SHRIKANT	
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55		JADHAV AJIT HANUMANTRAO	
56		PATIL DHIRAJ NANABHAU	
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59		REDDI VINAYAK ANKUSH	
60		PAWAR SANKET SANJAY	
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62		FARAAZ ARSHAD MIRZA	
63		DCOSTA BRYAN ANTHONY	
64		PATIL PRASAD GUNAJI	



CERTIFICATE

This is to certify that Mr. Ajay Dinkar Birajdar, Mr Chetan Kailas Meshram and Mr. Tushar Babasaheb Pawar has successfully completed the Mini Project activity report entitled "**Belt conveyor using worm gear**" under my supervision, in the partial fulfilment of academics of Savitribai Phule Pune University, at Marathwada Mitra Manda's Institute of Technology, Lohegaon, Pune.



Guide



Mini Project Coordinator



Prof. Sudhir More
HoD Mechanical Engineering
HOD



CERTIFICATE

This is to certify that Mr. Rohan Mahajan, Mr. Subodh Salve, Mrs. Darshana Bhavsar, Mrs. Lalita Shirke, has successfully completed the Mini Project activity report entitled "**Product life cycle of pump**" under my supervision, in the partial fulfilment of academics of Savitribai Phule Pune University, at Marathwada Mitra Manda's Institute of Technology, Lohgaon, Pune.

Date: 20-05-2023

Place: Pune




Guide


Mini Project Coordinator


Prof. Sudhir More
HOD
Department of Mechanical Engineering



“येथे बहुतांचे हित”

“Techno-Social Excellence”

Marathwada Mitra Mandal's Institute of Technology Lohgaon, Pune-47

Department of Mechanical Engineering

Mini Project Report

“Solar Dryer”

By

TMA 28 Kakade Swapnil Navnath
TMA 55 Saruk Prakash Vitthal
TMA 64 Thokal Tushar Gorkh
TMA 71 Walekar Mangesh Rajesh

Under the Guidance of
Prof. **Dr. Girish Allampallewar**



CERTIFICATE

This is to certify that Mr. Kakade Swapnil Navnath, Mr. Saruk Prakash Vitthal, Mr. Thokal'Tushar Gorkh and Mr. Walekar Mangesh Rajesh, has successfully completed the Mini Project activity report entitled "**Solar Dryer**" under my supervision, in the partial fulfilment of academics of Savitribai Phule Pune University, at Marathwada Mitra Manda's Institute of Technology, Lohgaon,Pune.

Date:

Place: **Pune**



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Mini Project Coordinator



HoD





Marathwada Mitramandal's
Institute of Technology, Lohgaon, Pune
Department of Mechanical Engineering

**T.E. Mechanical Engineering
AY. 2022-23 Scm-11**

Mini-Project

SYNOPSIS

On

Project Title

**Calibration & Application of Hydraulic
Weighing Scale**

Mini-Project Group No.: 04

Name of Group Members

Roll No.	Name
TMA07	Vinayak Bangale
TMA21	Manish Gaud
TMA 72	Shailesh Yadav

Guide Name: Dr G.L Alarnpallewar

Signature: 



"Techno-Social Excellence"

Marathwada MitraMandal's

INSTITUTE OF TECHNOLOGY

Survey No. 35, Plot No. 5/6, Lohgaon, Pune - 411047

(Affiliated to Savitribai Phule Pune University)

(Accredited with 'A' Grade by NAAC)

Department of

Mechanical Engineering/ Computer Engineering/

Civil Engineering/Artificial Intelligence & Data Science / Mechatronics Engineering

/Engineering Science

Academic Year: 20²²- 20²³

Semester: I/II

Name of Student: Vinayak.B / Manish.G / Skulesh.Y.

Subject Name: Mini project

Class: TE mech Roll No: 07/21/72 Exam Seat No: _____

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①	Synopsis	1-3	13/05/2023	20/5/2023	[Handwritten mark]	
②	Continuous Monitoring / Evaluation Sheet	4-5	16/05/2023	20/5/2023		
③	Mini project Report	6-13	19/05/2023	20/5/2023		

Faculty In-charge: _____

[Handwritten signature]



Signature: _____

Date: _____

[Handwritten signature]
20/5/2023

“Techno-Social Excellence”

Marathwada MitraMandal's

INSTITUTE OF TECHNOLOGY

Survey No. 35, Plot No. 5/6, Lohgaon, Pune – 411047

Tel No: +91 7447786623 Fax No: 020-20261613

(Affiliated to Savitribai Phule Pune University)

(Accredited with 'A' Grade by NAAC)



“येथे बहुतांचे हित”

Department of

Mechanical Engineering/ Computer Engineering/

Civil Engineering/Artificial Intelligence & Data Science /

Mechatronics Engineering/Engineering Science

Certificate

This is to certify that Mr./Ms. Vinayak B / Manish G / Suresh Y
of Class TE Mech Roll No 7/21/72 and University Exam Seat No. _____
has successfully completed all the assignments as the Term work/Practical for the
subject Mini project during Semester I / II of academic year
2022 - 20 23.

Faculty In-charge

Prof. Sudhir More
HoD Mechanical Engineering

HOD



Principal

“Techno-Social Excellence”

Marathwada MitraMandal's

INSTITUTE OF TECHNOLOGY

Survey No. 35, Plot No. 5/6, Lohgaon, Pune – 411047

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“येथे बहुतांचे हित”

Department of

Mechanical Engineering/ Computer Engineering/

Civil Engineering/Artificial Intelligence & Data Science /

Mechatronics Engineering/Engineering Science

Certificate

This is to certify that Mr./Ms. Pratham, Saylax & Saniya
of Class TEMECH, Roll No 53, 42, 36, and University Exam Seat No. _____
has successfully completed all the assignments as the Term work/Practical for the
subject MPai Project during Semester I / II of academic year
2022-2023.

Faculty In-charge

Prof. Sudhir More
HOD Mechanical Engineering

HOD



Principal



Marathwada Mitramandal's
Institute of Technology, Lohgaon, Pune
Department of Mechanical Engineering

T.E. Mechanical Engineering
AY. 2022-23 Sem-6
Mini-Project

SYNOPSIS

on

Project Title

One Way Speed Breaker

Mini-Project Group No:-5

Name of Group Members

Roll No.	Name
1.TMA 153	Pratham Salunkhe
2.TMA 136	SaqlainKureshi
3.TMA 142	Saniya Mulla
4.TMA 116	Ganesh Chavan

D.P.YESANE

Guide Name &Signature:..



CERTIFICATE

This is to certify that Ms. Potdar Ankita, Mr. Jagtap Shailesh, Mr. Bhosale Suraj, Mr. Dambre Rahul has successfully completed the Mini Project activity report entitled **“FEA of Crankshaft using Structural steel Material”** under my supervision, in the partial fulfillment of academics of Savitribai Phule Pune University, at Marathwada Mitra Mandal’s Institute of Technology, Lohgaon, Pune.

Date:


Place: **Pune**



Guide



Mini Project Coordinator



Prof. Sudhir More
HoD Mechanical Engineering
HoD



CERTIFICATE

This is to certify that **Mr. Pradnyesh S Waghambare, Mr. Ronit R Kamble, Mr. Abhishek R Mule, Mr. Himanshu N Pacharne**, has successfully completed the Mini Project activity report entitled "**LOW-COST SOLAR OPERATED COOLING SYSTEM FOR POULTRY FARM**" under my supervision, in the partial fulfilment of academics of Savitribai Phule Pune University, at Marathwada Mitra Mandala's Institute of Technology, Lohgaon, Pune.

Date: 20/05/23

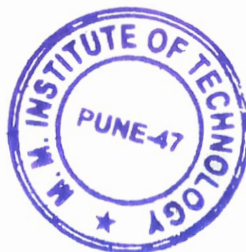
Place: **Pune**



Guide



Mini Project Coordinator


Prof. Sudhir More
HoD Mechanical Engineering

CERTIFICATE

This is to certify that

1. TMA11	BHUKOLE ANIKET RAVINDRA
2. TMA17	CHAVAN SHUBHANGI RAJENDRA
3. TMA40	MORE YUVRAJ UTTAMRAO
4. TMA66	THORAT SANIJIVANI ASHOK

. has successfully completed the Mini Project activity report entitled "Electricity Generation By Footstep" under my supervision, in the partial fulfilment of academics of Savitribai Phule Pune University, at Marathwada Mitra Manda's Institute of Technology, Lohgaon, Pune.

Date: 25/05/2023


Place: **Pune**


25/5/2023

Guide



Mini Project Coordinator


Prof. Sudhir More
HoD, Mechanical Engineering
HoD





“Techno-Social Excellence”

Marathwada Mitra Mandal's Institute of Technology Lohgaon, Pune-47

Department of Mechanical Engineering

Mini Project Report

Scotch Yoke Mechanism

- TMA 67 : Madhav Balaji Umate
- TMA 02 : Sainath Balraj Aalamwar
- TMA 14 : Yogesh Nivrutti Changbhale
- TMA 01 : Monika Ramesh Aare

BY

**Under the Guidance of
Prof. Dhananjay Bhoge**



CERTIFICATE

This is to certify that Mr. GAIKWAD SUMIT SHIVAJI, Mr. WAGHMARE RUSHIKESH RAJU, Mr. SUTAR SHREYASH RAVINDRA, Mr. BHALEKAR VAIBHAV RAJENDRA, entitled "Mini Belt Grinder Project" under my supervision, in the partial fulfilment of academics of Savitribai Phule Pune University, at Marathwada Mitra Manda's Institute of Technology, Lohegaon, Pune.

Date: 25-05-23

Place: **Pune**


Guide
Dr. Bhuge


Mini Project Coordinator


Prof. Sudhir
HoD Mechanical Engineering
HOD





Institute Of Technology, Lohegaon, Pune

Department Of Mechanical Engineering

T.E. Mechanical Engineering

AY. 2022-23 Sem-II

Mini-Project

REPORT

on

Line Follower Robot Project

Mini-Project Group No: 15

Name of Group Members

Roll No.	Name
1. TMA44	PRASAD DNYANESHWAR NIMBALKAR
2. TMA05	RAHUL KASHINATH BAISANE
3. TMA15	DARSHAN RAMESH CHAVAN
4. TMA78	ONKAR SANTOSH MUTEKAR

Guide Name & Signature:

Prof: Shital Nerker Mam.



CERTIFICATE


This is to certify that Mr Sagare Shubham, Mr. Rasal Saurabh, Mr. Koli Sachin, Mr. Pawar Nihal , Mr Panicker Arjun ,has successfully completed the Mini Project activity report entitled “**Analysis for Optimum Design of Automotive Flywheel** ” under my supervision, in the partial fulfilment of academics of Savitribai Phule Pune University, at Marathwada Mitra Manda`s Institute of Technology, Lohgaon,Pune.

Date: 30/05/2023

Place: Pune


Guide


Mini Project Coordinator


Prof. Sudhir More
HoD Mechanical Engineering
HoD



Marathwada Mitramandal Institute of Technology, Lohgaon Pune



CERTIFICATE

This is to certify that,

1. (TMA 04) **Ms.Bagade Sakshi Shashank**
2. (TMA 33) **Mr.Kesapure Rushikesh**
3. (TMA 35) **Mr.Kulkarni Malhar Atul**
4. (TMA 58) **Ms.Shingate Rupali Prabhakar**

of 3rd year Mechanical Engineering students have submitted their project report on

“ Automatic Sand Filtration Machine ”

During academic session 2022- 2023 as a part of project work described by Marathwada Mitramandal Institute of Technology, Lohgaon for partial fulfillment for the BE in Mechanical Engineering in the four semester.The project work is the record of students own work under my guidance and to my satisfaction.

Prof.Rohit. P.Pola s

Prof. Sudhir S. More

Mini Project Coordinator

Prof. Dhananjay Bhoge



Principal

Dr. Rupesh V. Bhortake



“Techno-Social Excellence”

Marathwada Mitra Mandal's Institute of Technology Lohgaon, Pune-47
Department of Mechanical Engineering

Mini project Presentation

On

Fatigue Failure Investigation of an Automotive Crankshaft

By

1. TMA24 - Ajit Hanumantrao Jadhav
2. TMA22 - Sitaram Ashok Ghadage
3. TMA03 - Tushar Naranyan Awhale
4. TMA47 - Dhiraj Nanabhau Patil

Under the Guidance of Prof. – Mr. Rohit Polas



CERTIFICATE

This is to certify that Mr. Gurav Pramod Maruti, & Mr. Reddi Vinayak Ankush, entitled "temperature controller" under my supervision, in the partial fulfillment of academics of savitribai phule pune university, at MARATHWADA MITRA MANDA'S INSTITUTE OF TECHNOLOGY, lohegaon, pune.

Date: 26-05-23

Place: **Pune**


Guide


Mini Project Coordinator


HoD



CERTIFICATE


This is to certify that Mr. Zombade Anand Gulab, Mr. Frazz Arshad Mirza, & Mr. Dcosta Bryan Anthony has successfully completed the Mini Project activity and report entitled "Development of Convex Surface Milling Mechanism" under my supervision, in the partial fulfillment of academics of Savitribai Phule Pune University, at Marathwada Mitra Manda's Institute of Technology, Lohgaon, Pune.

Date:

Place: **Pune**


30-5-23
Guide


Mini Project Coordinator


Prof. S. ...
HOD Mechanical Engineering
HOD

