# "Techno-Social Excellence" Marathwada Mitramandal's

# Institute of Technology Lohgaon, Pune

#### **Department : Mechanical Engineering**

Course Code: 302055 Title of Course : Mini Project

Sr No   Title of Project   Name of Students   Page no		Course Code: 302055	Title of Course : Mini Project		
### Belt Conveyer using worm gear   MESHRAM CHETAN KAILAS   PAWAR TUSHAR BAILASAHEB   BAMANE PAWAN TANAII   BHAVSAR DARSHANA SUDHAKAR   BHAVSAR DARSHANA SUDHAKAR   BHAVSAR DARSHANA SUDHAKAR   BHAVSAR DARSHANA SUDHAKAR   MAHAJAR SUDHAKAR MAHAJAR SUDHAKAR   MAHAJAR SUDHAKAR MAHAJAR SUDHAKAR   MAHAJAR SUDHAKAR MAHAJAR SUDHAKAR   MAHAJAR SUDHAKAR MAHAJAR		Title of Project		Page no	
### BERT Conveyer using worm gear   PAWAR TUSHAR BALASAHEB   SAMANE PAWAN TANAJI   BRAMANE PAWAN TANAJI   SAME PAWAR PAWAN TANAJI   SAME PAWAR PAWAN TANAJI   SAME PAWAR PAWAN TANAJI   SAME PAWAR PAWA		+			
BAMANE PAWAN TANAII		Belt Conveyer using worm gear		<u>2</u>	
Second Product Life Cycle of Pump		+			
Product Life Cycle of Pump   SALVE SUBODH AVINASH   SHIRKE LAUTA KAILAS					
Prototype of Solar dryer for Agricultural   SALUK PRAKASH VITTHAL   Trototype of Solar dryer for Agricultural   SARUK PRAKASH VITTHAL   Trototype of Solar dryer for Agricultural   SARUK PRAKASH VITTHAL   Trototype of Solar dryer for Agricultural   SARUK PRAKASH VITTHAL   Trototype of Solar dryer for Agricultural   SARUK PRAKASH VITTHAL   Trototype of Solar dryer for Agricultural   SARUK PRAKASH VITTHAL   Trototype of Solar dryer for Agricultural   SARUK PRAKASH VITTHAL   Trototype of Solar dryer for Agricultural   SARUK PRAKASH VITTHAL   Trototype of Solar dryer for Agricultural   SARUK PRAKASH VITTHAL   Trototype of Solar dryer for Agricultural   SARUK PRAKASH VITTHAL   Trototype of Solar dryer for Agricultural   Saruk Prakash VIXAS		+			
SALIVE SUBDUIT AVINDAM   10		Product Life Cycle of Pump		3	
Prototype of Solar dryer for Agricultural products   SARUK PRAKASH VITITHAL   Products   THORKAL TUSHARA GORAKSH   WALKARA MANGESH RAJESH   SARUK PRAKASH VITITHAL   THORKAL TUSHARA GORAKSH   WALKARA MANGESH RAJESH   SARUK PRAKASH VITITHAL   THORKAL TUSHARA GORAKSH   WALKARA MANGESH RAJESH   SARUK PRAKASH VITITHAL   THORKAL TUSHARA GORAKSH   WALKARA MANGESH RAJESH   SARUK PRAKASH VITITHAL   THORKAL TUSHARA GORAKSH   WALKARA MANGESH RAJESH   SARUK PRAKASH VITITHAL   THORKAL TUSHARA GORAKSH   WALKARA MANGESH RAJESH   SARUK PRAKASH VITITHAL   THORKAL TUSHARA GORAKSH LAWANA   SARUK PRAKASH VITITHAL MARISHCHANDRA   THORKAL TUSHARA GORAKSH LAWANA   SARUK PRAKASH VITITHAL MARISHCHANDRA   THORKAL TUSHARA GORAKSH LAWANA   THORKAL TUSHARA GORAKSH LAWANA GORAKSH LAWANA   THORKAL TUSHARA GORAKSH LAWANA   THORKAL TUSHARA GORAKSH LAWANA   THORKAL TUSHARA GORAKSH LAWANA GORAKSH LAWAN		4		<del>-</del>	
10   Prototype of Solar dryer for Agricultural   12   20   20   21   21   21   21   21					
11   12   13   13   14   15   15   15   15   15   15   15		Bookstone of Colon down for Assistant			
Application of Hydraulic Weighing Scale   BANGALE VINAYAK VIKAS   GAUD MANISH RAIENDRA   YADAV SHAILESH DHEERAJ   BUNDE 124 PPALHAD   HUNDE 124 PPALHAD   HULLA SANIYA JAKIR   SALUNKHE PRATHAM HARISHCHANDRA   CHAVAN GANESH LAXMAN   HULLA SANIYA JAKIR   SALUNKHE PRATHAM HARISHCHANDRA   CHAVAN GANESH LAXMAN   HULLA SANIYA JAKIR   SALUNKHE PRATHAM HARISHCHANDRA   HULLA SANIYA JAKIR   SALUNKHE PRATHAM HARISHCHANDRA   HULLA SANIYA JAKIR   HULLA SANIYA JAKIR SANIYA J		<del>-</del>		4	
Application of Hydraulic Weighing Scale  Application of Hydraulic Weighing Scale  BANGALE VINNYAK VIKAS  GAUD MANISH RAJENDRA YADAV SHALESH DHEERAY  BUNDE JAY PRALHAD  One Way Speed Breaker  SALUNKHE PRATHAM LARING LANGER  BHOSALE SURAI BHIMARAO  JAGTAP SHAILESH RAJENDRA  DAMBER RAHUL  KAMBLE RONIT RAJESH  MULE ABHISHEK ROHIT  PACHARNE HIMANSHU NARAYAN  WAGHAMBARE PRADNYESH SURESH  CHAVAN SHUBHANGI RAJENDRA  THORAT SANJIVANI ASHOK  MORE YUVRAI UTTAMRAO  JUMATE MADHAV BALAII  JUMATE MADHAV RAJENDRA  GAIKWAD SUMITS SHIVAJI  SUTAR SHREYASH RAVINDRA  WAGHMARE RUSHIKESH RAJU  BAJASANE RAHUL KASHINATH  CHAVAN DARSHAN RAMESH  NIMBALKAR PRASAD DNYANESHWAR  MUTEKAR ONARA SANTOSH  KULKARNI MAJHAR ATUL  RUPALI PRABHAKAR SHINGATE  AWHALE TUSHAR NARAYAN  GHADAGE SHASHANK  KESAPURE RUSHIKESH TULSHIRAM  KULKARNI MAJHAR ATUL  RUPALI PRABHAKAR SHINGATE  AWHALE TUSHAR NARAYAN  GHADAGE SHASHANK  KESAPURE RUSHIKESH TULSHIRAM  KULKARNI MAJHAR ATUL  RUPALI PRABHAKAR SHINGATE  AWHALE TUSHAR NARAYAN  GHADAGE SHASHANK  KESAPURE RUSHIKESH TULSHIRAM  RULKARNI MAJHAR ATUL  RUPALI PRABHAKAR SHINGATE  AWHALE TUSHAR NARAYAN  GHADAGE SHASHANK  KESAPURE RUSHIKESH TULSHIRAM  KULKARNI MAJHAR ATUL  RUPALI PRABHAKAR SHINGATE  AWHALE TUSHAR NARAYAN  GHADAGE SHASHANA MARUSH  PAWAR SANKET SANJAY  ONE SUMIC BREATHAM SHOR  ARAB MONIKA		products		_	
Application of Hydraulic Weighing Scale  GAUD MANISH RAJENDRA YADAV SHAILESH DHEERAU BUNDE LAY PRALIHAD  KURESHI MOHAMMAD SAQLAIN S. MULLA SANIYA JAKIR  One Way Speed Breaker  SALUNKHE PRATHAM HARISHCHANDRA CHAVAN GANESH LAXMAN  DAMBER SURAU BHIMARAO  JAGTAP SHAILESH RAJENDRA POTDAR ANKITA RAMESH DAMBER RAHUL  KAMBLE RONIT RAJESH MULE ABHISHEK ROHIT PACHARNE HIMANSHU NARAYAN WAGHAMBABE PRADNYESH SURESH CHAVAN SHUBHANGI RAJENDRA  BHUKELE ANIKET RAVINDRA  THORAT SANIYANI ASHOK MORE YUVRAU JUTIAMRAO  JAGTAP SHAILESH RAJENDRA  THORAT SANIYANI ASHOK MORE YUVRAU JUTIAMRAO  JAGTAP SHAILESH RAJENDRA  LIE CTRICITY GENERATION BY BHUKELE ANIKET RAVINDRA  JAGTAP SHAILESH RAJENDRA  ALLAMWAR SAINATH BALRAJ  UMATE MADHAV BALLAI  AARE MONIKA RAMESH PANICKER ARJUN SUJEEV BHALEKAR VAJBHAV RAJENDRA  GAIKWAD SUMIT SHIVAJI  JUTAR SHREYASH RAVINDRA  MUTEKAR ONKAR SANTOSH  WAGHMARE RUSHIKESH RAJU  BAISANE RAHUL KASHINATH  CHAVAN DARSHAN RAMESH  AND WAGHMARE RUSHIKESH RAJU  BAISANE RAHUL KASHINATH  CHAVAN DARSHAN RAMESH  NIMBALKAR PRASAD DHYANESHWAR  MUTEKAR ONKAR SANTOSH  KOLI SACHIN PURUSHOTTAM  SAGABE SHUBHAM WIDYNANDD  PAWAR NEHAL SANJAY  RASAL SOURABH SHRIKANT  BAGADE SAKSHI SHASHANK  KESAPURE RUSHIKESH TULSHIRAM  KULKARNI MAHARA ATUL  RUPALI PRABHAKRAR SHINGATE  AWHALE TUSHAR NARAYAN  GHADAGE SHIRABAN MIDYNANAND  PAWAR NEHAL SANJAY  RASAL SOURABH SHRIKANT  BAGADE SAKSHI SHASHANK  KESAPURE RUSHIKESH TULSHIRAM  KULKARNI MAHARA ATUL  RUPALI PRABHAKRAR SHINGATE  AWHALE TUSHAR NARAYAN  GHADAGE SHARBAN ASHOK  JADHAV AJIT HANUMANTRAO  PATIL DHIRAJ NANABHAU  GURAY PRAMOO MARUTI  NADARAGI RITESH CHANDRASHEKHAR  RODI VINAYAK ANKUSH  PAWAR SANKET SANJAY  20 MBADE ANAND GULAB  FARAZ ARSHAD MIZAA  DOSTA BRYAN ANTHONY					
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15 BUNDE JAY PRALHAD 17 KURESHI MOHAMMAD SAQLAIN S. MULLA SANIYA JAKIR 19 One Way Speed Breaker 20 CHAVAN GANESH LAXMAN 21 FEA of crank shaft using Structural Steel 22 FEA of crank shaft using Structural Steel 23 Material 24 DAMBER RAHUL 25 LOW COST SOLAR OPERATED COOLING 26 SYSTEM FOR 27 POULTRY FARM 28 POULTRY FARM 29 CHAVAN SANESH RAWINSHU NARAYAN 29 CHAVAN SHUBHANGI RAJENDRA 29 CHAVAN SHUBHANGI RAJENDRA 29 CHAVAN SHUBHANGI RAJENDRA 30 CHECTRICITY GENERATION BY 31 FOOTSTEP" 32 HORAT SANIYANI ASHOK 33 ALLAMWAR SAINATH BALRAJ 34 SCOTCH Yoke Mechanism 35 ALLAMWAR SAINATH BALRAJ 36 CHAVAN SHUBHANGI RAJENDRA 37 BHALEKAR VAIBHAY RAJENDRA 38 MINI Belt Grinder 39 MINI Belt Grinder 30 GAIKWAD SUMIT SHIVAJI 31 Line follower Robot 31 GAIKWAD SUMIT SHIVAJI 32 SUTAR SHREYRASH RAVINDRA 33 WAGHMARE RUSHIKESH RAJU 44 LINE follower Robot 40 WAGHMARE RUSHIKESH RAJU 41 BAISANE RAHUL KASHINATH 42 LINE follower Robot 41 BAISANE RAHUL KASHINATH 42 LINE follower Robot 43 MARE MORASHAN RAMESH 44 MARE MARE SAINATH 45 CHAVAN DARSHAN RAMESH 46 ANALY SAINATH RAMINGRA 47 ANALY SAINATH RAMINGRA 48 MUTEKAR ONKAR SANTOSH 48 MUTEKAR ONKAR SANTOSH 49 ANALY SAINATH 49 ANALY SAINATH RAMINGRA 40 WAGHMARE RUSHIKESH RAJU 41 BAISANE RAHUL KASHINATH 42 LINE follower Robot 43 MARE RUSHIKESH RAJU 44 BAISANE RAHUL KASHINATH 45 BAISANE RAHUL KASHINATH 46 CHAVAN DARSHAN RAMESH 47 ANALY SAINATH RAMINGRA 48 BAISANE RAHUL KASHINATH 49 BAISANE RAHUL KASHINATH 40 BAISANE RAHUL KASHINATH 41 BAISANE RAHUL KASHINATH 42 LINE follower Robot 41 BAISANE RAHUL KASHINATH 43 BAISANE RAHUL KASHINATH 44 BAISANE RAHUL KASHINATH 45 BAISANE RAHUL KASHINATH 46 BAISANE RAHUL KASHINATH 47 BAISANE RAHUL KASHINATH 48 BAISANE RAHUL KASHINATH 49 BAISANE RAHUL KASHINATH 49 BAISANE RAHUL KASHINATH 40 BAISANE RAHUL KASHINATH 41 BAISANE RAHUL KASHINATH 42 BAISANE RAHUL KASHINATH 43 BAISANE RAHUL KASHINATH 44 BAISANE RAHUL KASHINATH 45 B		Application of Hydraulic Weighing Scale		6	
17   18   19   19   19   10   10   10   10   10		1		<u> =</u>	
18   19   One Way Speed Breaker   MULLA SANIYA JAKIR   SALUNKHE PRATHAM HARISHCHANDRA   10   CHAVAN GANESH LAXMAN   11   CHAVAN GANESH LAXMAN   12   CHAVAN GANESH LAXMAN   11   CHAVAN GANESH LAXMAN   11   CHAVAN GANESH LAXMAN   12   CHAVAN GANESH RAJENDRA   11   CHAVAN GANESH CHAVAN GANESH CHAVEN CHA					
19   One Way Speed Breaker   SALUNKHE PRATHAM HARISHCHANDRA   12   12   12   12   13   14   14   14   14   15   15   15   16   16   16   16   16		_			
SALUNIFIE PRATHAM HARISHCHANDRA   12		One Way Speed Breaker		10	
21   FEA of crank shaft using Structural Steel   JAGTIAP SHAILESH RAJENDRA   24   25   LOW COST SOLAR OPERATED COOLING   26   SYSTEM FOR   POULTRY FARM   MULE ABHISHEK ROHIT   MULE ABHISHEK ROHIT   MULE ABHISHEK RAJENDRA   12   27   POULTRY FARM   WAGHAMBARE PRADNYESH SURESH   CHAVAN SHUBHANGI RAJENDRA   13   FOOTSTEP"   THORAT SANJIVANI ASHOK   MORE YUVRAI UTTAMRAO   13   MINI Belt Grinder   MINI Belt GRINDRA   MINI Belt Grinder   MINI Bel		· ·		_	
FEA of crank shaft using Structural Steel   JAGTAP SHAILESH RAJENDRA   POTDAR ANKITA RAMESH   DAMBRE RAHU					
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24 DAMBRE RAHUL 25 LOW COST SOLAR OPERATED COOLING 26 SYSTEM FOR POULTRY FARM WILE ABHISHEK ROHIT PACHARNEH HIMANSHU NARAYAN WAGHAMBARE PRADNYESH SURESH 27 COUNTRY FARM WAGHAMBARE PRADNYESH SURESH 28 CHAVAN SHUBHANGI RAJENDRA 30 "ELECTRICITY GENERATION BY BHUKELE ANIKET RAVINDRA HIMANSHU NARAYAN WAGHAMBARE PRADNYESH SURESH 31 FOOTSTEP" HORAT SANJIVANI ASHOK MORE YUVRAJ UTTAMRAO 32 MARE MONIKA RAMESH PANICKER ARJUN SUJEEV 33 ARABIC MONIKA RAMESH PANICKER ARJUN SUJEEV 34 ARABIC MONIKA RAMESH PANICKER ARJUN SUJEEV 36 BHALEKAR VAIBHAV RAJENDRA GAIKWAD SUJMIT SHIVAJI SUTAR SHREYASH RAVINDRA WAGHMARE RUSHIKESH RAJU 41 LINE follower Robot CHAVAN DARSHAN RAMESH NIMBALKAR PRASAD DMYANESHWAR MUTEKAR ONKAR SANTOSH KALLAWAN DARSHAN RAMESH NIMBALKAR PRASAD DMYANESHWAR MUTEKAR ONKAR SANTOSH KOLL SACHIN PURUSHOTTAM SAGARE SHUBHAM VIDYANAND PAWAR NEHAL SANJAY RASAL SOURABH SHRIKANT 48 COLL SACHIN PURUSHOTTAM SAGARE SHUBHAM VIDYANAND PAWAR NEHAL SANJAY RASAL SOURABH SHRIKANT 49 ANALOWASHAN RAMESH MUTURANAND PAWAR NEHAL SANJAY RASAL SOURABH SHRIKANT 48 BAGADE SAKSHI SHASHANK KESAPURE RUSHIKESH TULSHIRAM KULKARNI MALHAR ATUL RUPALI PRABHAKAR SHINGATE 49 ANALOWASHAN SHORT MARANAN GHADAG SITARAM ASHOK JAPAN PAMBAL SURAR SHRIKANT 50 ANALOWASHAN GHADAG SITARAM ASHOK JAPAN JA		<del>-</del>		11	
LOW COST SOLAR OPERATED COOLING   SYSTEM FOR   POULTRY FARM   POULTRY FARM   POULTRY FARM   POULTRY FARM   POULTRY FARM   POULTRY FARM   PACHARNE HIMANSHU NARAYAN   PAC		Material		_	
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28 POULTRY FARM WAGHAMBARE PRADNYESH SURESH 29 "ELECTRICITY GENERATION BY FOOTSTEP" CHAVAN SHUBHANGI RAJENDRA 31 FOOTSTEP" BHUKELE ANIKET RAVINDRA 32 MAINTER MADHAY BALRAI 33 AS Scotch Yoke Mechanism ALLAMWAR SAINATH BALRAU UMATE MADHAY BALAII AARE MONIKA RAMESH PANICKER ARIUN SUJEEV BHALEKAR VAIBHAV RAJENDRA 36 PANICKER ARIUN SUJEEV BHALEKAR VAIBHAV RAJENDRA 37 BHUKELE ANIKET RAVINDRA 38 Mini Belt Grinder GAIKWAD SUMIT SHIVAJI SUJTAR SHREYASH RAVINDRA 40 WAGHMARE RUSHIKESH RAJU BAISAN RAMESH PANICKER ARIUN SUJEEV BHALEKAR VAIBHAV RAJENDRA 40 WAGHMARE RUSHIKESH RAJU BAISANE RAHUL KASHINATH CHAVAN DARSHARN RAMESH NUMBALKAR PRASAD DNYANESHWAR MUTEKAR ONKAR SANTOSH KOLI SACHIN PURUSHOTTAM SAGARE SHUBHAM VIDYANAND PAWAR REHAL SANJAY RASAL SOURABH SHRIKANT BAGADE SAKSHI SHASHANK KESAPURE RUSHIKESH TULSHIRAM KULKARNINGATE AWHALE TUSHAR NARAYAN GHADAGE SITARAM ASHOK JADHAV RAJENDRA GIRAWAR PARADOR MARUTI RUPALI PRABHAKAR SHINGATE AWHALE TUSHAR NARAYAN GHADAGE SITARAM ASHOK JADHAV ANTHAN ANTRAO PATIL DHIRAJ NANABHAU GURAY PRAMOD MARUTI RUPAL PRABHAKAR SHINGATE AWHALE TUSHAR NARAYAN GHADAGE SITARAM ASHOK JADHAV ANTHANUMANTRAO PATIL DHIRAJ NANABHAU GURAY PRAMOD MARUTI GURAY PRAMOD MARUTI HANDIMANTRAO PATIL DHIRAJ NANABHAU GURAY PRAMOD MARUTI HANDIMANTRAO PATIL DHIRAJ NANABHAU GURAY PRAMOD MARUTI HANDIMANTRAO PATIL DHIRAJ NANABHAU GURAY PRAMOD MARUTI PAWAR SANKET SANJAY REDDI VINAYAK ANKUSH PAWAR SANKET SANJAY ZONAY RARAS ANNAN GRARAY ARSHAD MIRZA DOON SURSTEAM PAWAR SANKET SANJAY ZONAY RARAS ANNAD GULAB FARAAZ ARSHAD MIRZA DOON SURSTEAM COON SURSTEAM ANNAD GULAB FARAAZ ARSHAD MIRZA DOON SURSTEAM ANNAD GULAB FARAAZ ARSHAD MIRZA DOON SURSTEAM ANNAD GULAB FARAAZ				12	
28	27		PACHARNE HIMANSHU NARAYAN	14	
30 "ELECTRICITY GENERATION BY BHUKELE ANIKET RAVINDRA 13 FOOTSTEP" THORAT SANJIVANI ASHOK MORE YUVRAJ UTTAMRAO 14 ALLAMWAR SAINATH BALRAJ UMATE MADHAV BALAJI ARE MONIKA RAMESH PARICKER ARJUN SUJEEV 15 PARICKER ARJUN SUJEEV 16 PARICKER ARJUN SUJEEV 17 PARICKER ARJUN SUJEEV 17 PARICKER ARJUN SUJEEV 18 PALEKAR VAIBHAV RAJENDRA GAIKWAD SUMIT SHIVAJI SUTAR SHREYASH RAVINDRA WAGHMARE RUSHIKESH RAJU 14 BAISANE RAHUL KASHINATH CHAVAN DARSHAN RAMESH NIMBALKAR PRASAD DNYANESHWAR MUTEKAR ONKAR SANTOSH KOLI SACHIN PURUSHOTTAM SAGARE SHUBHAM VIDYANAND PAWAR NEHAL SANJAY RASAL SOURABH SHRIKANT 19 PAWAR NAHAHAWAN 19 PAWAR SANKET SANJAY 19 PAWAR SANKET SANJAY 20 PATIL DHIRAJ NANABHAU 19 PAWAR SANKET SANJAY 20 PARMAD MARUTI NADARAGI RITESH CHANDRASHEKHAR REDDI VINAYAK ANKUSH PAWAR SANKET SANJAY 20 PARAROD MARUTI NADARAGI RITESH CHANDRASHEKHAR REDDI VINAYAK ANKUSH PAWAR SANKET SANJAY 20 PARAROD MARUTI NADARAGI RITESH CHANDRASHEKHAR REDDI VINAYAK ANKUSH PAWAR SANKET SANJAY 20 PARAROD MARUTI NADARAGI RITESH CHANDRASHEKHAR REDDI VINAYAK ANKUSH PAWAR SANKET SANJAY 20 PARAROD MARUTI NADARAGI RITESH CHANDRASHEKHAR REDDI VINAYAK ANKUSH PAWAR SANKET SANJAY 20 PARAROD MARUTI NADARAGI RITESH CHANDRASHEKHAR REDDI VINAYAK ANKUSH PAWAR SANKET SANJAY 20 PARAROD MARUTI NADARAGI RITESH CHA					
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S3   S4   Fatigue analysis of crank shaft   S5   Fatigue analysis of crank shaft   GHADAGE SITARAM ASHOK   JADHAV AJIT HANUMANTRAO   PATIL DHIRAJ NANABHAU   S7   S8   Temperature control kit   NADARAGI RITESH CHANDRASHEKHAR   REDDI VINAYAK ANKUSH   PAWAR SANKET SANJAY   ZOMBADE ANAND GULAB   FARAAZ ARSHAD MIRZA   DCOSTA BRYAN ANTHONY   21   21   21   22   23   24   25   26   26   26   26   26   26   26				==	
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S5   Fatigue analysis of crank shaft   JADHAV AJIT HANUMANTRAO   PATIL DHIRAJ NANABHAU   S7   GURAV PRAMOD MARUTI   NADARAGI RITESH CHANDRASHEKHAR   REDDI VINAYAK ANKUSH   PAWAR SANKET SANJAY   ZOMBADE ANAND GULAB   FARAAZ ARSHAD MIRZA   DCOSTA BRYAN ANTHONY   21   21   21   22   23   24   25   26   26   26   26   26   26   26		1			
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REDDI VINAYAK ANKUSH   PAWAR SANKET SANJAY   ZOMBADE ANAND GULAB   FARAAZ ARSHAD MIRZA   DCOSTA BRYAN ANTHONY   21	57	1			
59 REDDI VINAYAK ANKUSH 60 PAWAR SANKET SANJAY 61 ZOMBADE ANAND GULAB 62 Convex sutface milling machine FARAAZ ARSHAD MIRZA DCOSTA BRYAN ANTHONY 21	58	Temperature control kit	NADARAGI RITESH CHANDRASHEKHAR	20	
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63 CONVEX SUITACE MINING MACHINE  DCOSTA BRYAN ANTHONY  21	61		ZOMBADE ANAND GULAB		
dcosta bryan anthony —	62	Convey sutface milling machine	FARAAZ ARSHAD MIRZA	21	
PATIL PRASAD GUNAJI	63	Convex surface mining machine	DCOSTA BRYAN ANTHONY	<u> </u>	
	64		PATIL PRASAD GUNAJI		



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 con\'cyer 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. Sudihr More
Hod Mechanical Fromeering



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

STITUTE OF THE CHILL

Place: Pune

Mini Project Coordinator

Pris. Sudihr Mone Engineering



# 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



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

Guide

Mini Project Coordinator





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

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

**Mini-Project** 

**SYNPOSIS** 

On

# **Project Title**

# Calibration & Application of Hydraulic Weighing Scale

Mini-Project Group No.: 04

### Name of Group Members

Roll No.

Name

TMA07

Vinayak Bangale

i MA21

Manish Gaud

TMA 72

Shailesh Yadav

Guide Name: Dr G.L Al larnpallewar

Signature:



# 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: 1/II
Name of Student: Vinaya K.B / Manish . G / &	ülesh. Y.
Subject Name: Mini project	
Class: TE Mech Roll No: 07 21 77 Exam Seat No:	

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3	Mini project Report	6-13	19/05/2023	20/5-/203		

Faculty In-charge:



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Department of

Mechanical Engineering/ Computer Engineering/
Civil Engineering/Artificial Intelligence & Data Science /
Mechatronics Engineering/Engineering Science

## **Certificate**

This is to certify that Mr. AMs. V	inayat	C.B/ Manish	G/Spilesh.
of Class TE med, Roll No 7/21/7	zand Uni	versity Exam Seat No	),
has successfully completed all th	ie assignn	nents as the Term wo	rk/Practical for the
subject Mini project		_during Semester I / I	I of academic year
2022-20_23.	()	STITUTE OF TECH	

16

HOD
HOD

Principal

Faculty In-charge

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### 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	Saglafa & Saniya			
of Class TEMECA, Roll No 1, and Uni	versity 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.	STITUTEON			

Faculty In-charge

Prof. Sudihr More
HcD Mechanical Engineering
HOD

Principal



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

T.E. MechanicalEngineering AY. 2022-23 Sem-6 Mini-Project

### **SYNPOSIS**

on

# Project Title

# One Way Speed Breaker

Mini-Project Group No:-5

### Name of Group Members

$\mathbf{D}_{\mathbf{A}}$	11	NI	
KΛ		N	1

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::..





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. Sudihr More
HoD Mechanical Engineering
HoD



ThisistocertifythatMr.Pradnyesh S Waghambare, Mr.Ronit R Kamble, Mr.Abhishek R Mule, Mr.Himanshu N Pacharne, hassuccessfullycompletedtheMini Project activity reportentitled"LOW-COST SOLAR OPERATED COOLING SYSTEM FOR POULTRY FARM"undermysupervision, in the partial fulfilment of academics of SavitribaiPhule Pune University, at MarathwadaMitraManda's Institute of Technology, Lohgaon,Pune.

Date:20/05/23

Place:Pune

Guide

Mini ProjectCoordinator

Prof. Sudihr MoreD
HoD Mechanical Engineering



This is to certify that

1. TMA11 BHUKELE 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

Guide Mini Project (

Mini Project Coordinator

Prof. Sudihr More
Hob. 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

### $\mathbf{BY}$

Under the Guidance of Prof. Dhananjay Bhoge



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 No V

Mini Project Coordinator

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
<ol> <li>TMA44</li> <li>TMA05</li> <li>TMA15</li> <li>TMA78</li> </ol>	PRASAD DNYANESHWAR NIMBALKAR RAHUL KASHINATH BAISANE DARSHAN RAMESH CHAVAN ONKAR SANTOSH MUTEKAR

Guide Name & Signature:

Prof: Shital Nerker Mam.

MMIT Lohegaon



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. Sudihr 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 Filteration 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

**Principal** 

Dr. Rupesh V. Bhortake

**Mini Project Coordinator** 

Prof. Dhananjay Bhoge



# 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



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

**Mini Project Coordinator** 

HoD

This is to certify that Mr. Zombade Anand Gulab, Mr. Fraaz 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







Prof. Sizes 19
MoD Mechanical Engineer

HOD



