

To Design and Develop Roof Shelter to Protect the Yield from Unfavourable Weather Conditions

A PROJECT REPORT

Submitted by

Mr. Yadnesh. S. Fasate
Mr. Asit. R. Deshmukh
Mr. Shridhar. R. Mundhe

Mr. Anurag. R. Joshi
Miss. Shruti. D. Ingle
Miss. Puja.N.Matkar

Under the guidance of

Prof. P.B. Jawanjal

in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

MECHANICAL ENGINEERING



Department of Mechanical Engineering

Prof. Ram Meghe Institute of Technology & Research, Badnera

2021-22

CERTIFICATE

This is to certify that the project entitled

To Design And Develop Roof Shelter to Protect the Yield from Unfavourable Weather Conditions

Submitted by

Mr. Yadnesh. S. Fasate

Ms. Asit. R. Deshmukh

Mr. Shridhar. R. Mundhe

Mr. Anurag. R. Joshi

Miss. Shruti. D. Ingle

Miss. Puja. N. Matkar

is a bonafide work and has been successfully completed under my guidance. This project report is submitted in the partial fulfillment of the requirement for the award of the degree of Bachelor of Engineering In Mechanical Engineering, Sant Gadge Baba Amravati University, Amravati, during the academic year 2021-22.



Prof. P. B. Jawanjal

Guide

Department of Mechanical Engineering,
P.R.M.I.T. & R, Badnera



Prof. Dr. A. D. Shirbhate

Head

Department of Mechanical Engineering,
P.R.M.I.T. & R, Badnera



Department of Mechanical Engineering
Prof. Ram Meghe Institute of Technology & Research, Badnera
2021-22

**Manually Operated Multiple Material Dropping
And
Spraying Machine**

A PROJECT REPORT

Submitted by

Mr. AKASH BHAGAT

Mr. ANUP KONDE

Mr. PRAJWAL LONKAR

Mr. PRAJWAL MAHINDRE

Mr. PRAJWAL KHIARE

Mr. ANKUSH KALASKAR

Under the guidance of

Prof. P. R. Mamankar

In partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

In

MECHANICAL ENGINEERING



Department of Mechanical Engineering

Prof. Ram Meghe Institute of Technology & Research,

Badnera (Session 2021-22)

CERTIFICATE

This is to certify that the project entitled

Manually Operated Multiple Material Dropping And Spraying Machine

Submitted by

Mr. AKASH BHAGAT

Mr. ANUP KONDE


Mr. PRAJWAL LONKAR

Mr. PRAJWAL MAHINDRE

Mr. PRAJWAL KHIARE

Mr. ANKUSH KALASKAR

Is a bonafide work and has been successfully completed under my guidance. This project report is submitted in the partial fulfillment of the requirement for the award of the degree of Bachelor of Engineering in Mechanical Engineering, Sant Gadge Baba Amravati University, Amravati, during the academic year 2021-22.



Prof. P. R. Mamankar

Project Guide

Department of Mechanical Engineering,
P.R.M.I.T. & R, Badnera



Dr. A.D. Shirbhate

H.O.D

Department of Mechanical Engineering,
P.R.M.I.T. & R, Badnera



Department of Mechanical Engineering

Prof. Ram Meghe Institute of Technology & Research,

Badnera (Session 2021-22)

**“PERFORMANCE ANALYSIS OF YASKAWA
MOTOMAN - AR1440”**

A PROJECT REPORT

Submitted by

Mr. Ram K. Dhole

Mr. Samarpan P. Dhoke

Mr. Ishwar P. Ghatre

Mr. Sonu V. Godghase

Mr. Saurabh V. Wankhede

Mr. Nikhil A. Ganoje

Under the guidance of

Prof. M. V. GUDADHE

in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

MECHANICAL ENGINEERING



Department of Mechanical Engineering
Prof. Ram Meghe Institute of Technology & Research, Badnera
MAY 2022

CERTIFICATE

This is to certify that the project entitled

PERFORMANCE ANALYSIS OF YASKAWA MOTOMAN - AR1440

Mr. Ram K. Dhole

Mr. Samarpan P. Dhoke

Mr. Ishwar P. Ghatre

Mr. Sonu V. Godghase

Mr. Saurabh V. Wankhede

Mr. Nikhil A. Ganoje

is a bonafide work and has been successfully completed under my guidance. This project report is submitted in the partial fulfilment of the requirement for the award of the degree of Bachelor of Engineering In Mechanical Engineering, Sant Gadge Baba Amravati University, Amravati, during the academic year 2021-22.



PROF. M. V. GUDADHE

Guide

Department of Mechanical
Engineering,

P.R.M.I.T. & R, Badnera



PROF. A. D. SHIRBHATE

Head

Department of Mechanical
Engineering,

P.R.M.I.T. & R, Badnera



Department of Mechanical Engineering
Prof. Ram Meghe Institute of Technology & Research
Badnera

**"MODELLING AND ANALYSIS OF TOOTH USED IN
DENTAL IMPLANT USING 3D PRINTING"**

A PROJECT REPORT

Submitted by

Mr. AMOL D. MAWALE

Mr. SAMRUDDHRAJ B. HENDWE

Mr. ARPIT S. BAHADURE

Mr. MOHIT G. THAKUR

Mr. RISHABH K. AGRAWAL

Mr. SAHIL P. BAGDE

Under the guidance of

Prof. C.R. PATIL

in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

in

MECHANICAL ENGINEERING



Department of Mechanical Engineering

Prof. Ram Meghe Institute of Technology & Research, Badnera

(Session 2021-22)

CERTIFICATE

This is to certify that the project entitled

MODELLING AND ANALYSIS OF TOOTH USED IN DENTAL IMPLANT USING 3D PRINTING

Mr. AMOL D. MAWALE

Mr. ARPIT S. BAHADURE

Mr. RISHABH K. AGRAWAL

Mr. SAMRUDDHRAJ B. HENDWE

Mr. MOHIT G. THAKUR

Mr. SAHIL P. BAGDE

is a bonafide work and has been successfully completed under my guidance. This project report is submitted in the partial fulfilment of the requirement for the award of the degree of Bachelor of Engineering In Mechanical Engineering, Sant Gadge Baba Amravati University, Amravati, during the academic year 2021-22.

PROF. C.R. PATIL

C.R. Patil
Guide 22.05.2022

Department of Mechanical
Engineering,

P.R.M.I.T. & R, Badnera

PROF. A.D. SHIRBHATE

A.D. Shirbhate
Head

Department of Mechanical
Engineering,

P.R.M.I.T. & R, Badnera



Department of Mechanical Engineering

Prof. Ram Meghe Institute of Technology & Research,
Badnera

2021-22

QUALITY ASSESMENT TOOL THROUGH IMAGE PROCESSING

A PROJECT REPORT

Submitted by

Mr. Nayan Turale
Mr. Mahesh Raut
Mr. Abhijit Mamidwar

Ms. Neha Dakre
Mr. Pravind Vanjare
Mr. Himalay Khawshe

Under the guidance of

Prof. Dr. N.S Pohokar

in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

MECHANICAL ENGINEERING



Department of Mechanical Engineering
Prof. Ram Meghe Institute of Technology & Research, Badnera
(Session 2021-22)

CERTIFICATE

This is to certify that the project entitled
Quality Assesment Tool Through Image Processing

Submitted by

Mr. Nayan Turale

Mr. Mahesh Raut

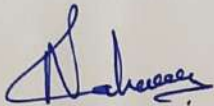
Mr. Abhijit Mamidwar

Ms. Neha Dakre

Mr. Pravind Vanjare

Mr. Himalay Khawshe

is a bonafide work and has been successfully completed under my guidance. This project report is submitted in the partial fulfillment of the requirement for the award of the degree of Bachelor of Engineering In Mechanical Engineering, Sant Gadge Baba Amravati University, Amravati, during the academic year 2021-22



Prof. Dr. N.S. Pohokar
Project Guide
Department of Mechanical Engineering,
P.R.M.I.T. & R, Badnera



Prof. Dr. A.D. Shirbhate
H.O.D
Department of Mechanical Engineering
P.R.M.I.T. & R, Badnera



Department of Mechanical Engineering
Prof. Ram Meghe Institute of Technology & Research, Badnera
(Session 2021-22)

VIDARBHA YOUTH WELFARE SOCIETY'S
**PROF. RAM MEGHE INSTITUTE OF TECHNOLOGY &
RESEARCH BADNERA, AMRAVATI 444701 (MS)**

A PROJECT REPORT
Study Of Flex – Fuel Vehicle

Submitted by

Mr. Harshal Maroti Garad
Mr. Akash Gajanan Pawar
Mr. Tanmay Wasudev Bodkhe

Mr. Aditya Rajendra Hutke
Mr. Prashant Gajanan Ingle
Mr. Akash Devicharan Jadhav

Under the guidance of

Prof. Dr. P. M. Ingole

in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

MECHANICAL ENGINEERING



Department of Mechanical Engineering
Prof. Ram Meghe Institute of Technology & Research, Badnera
(Session 2021-22)

CERTIFICATE

This is to certify that the project entitled

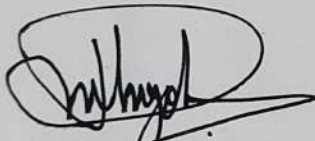
Study Of Flex Fuel Vehicle

Submitted by

Mr. Harshal Maroti Garad
Mr. Akash Gajanan Pawar
Mr. Tanmay Wasudev Bodkhe

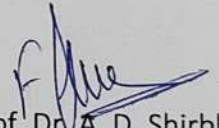
Mr. Aditya Rajendra Hutke
Mr. Prashant Gajanan Ingle
Mr. Akash Devicharan Jadhav

is a bonafide work and has been successfully completed under my guidance. This project report is submitted in the partial fulfillment of the requirement for the award of the degree of Bachelor of Engineering In Mechanical Engineering, Sant Gadge Baba Amravati University, Amravati, during the academic year 2021-22.



Prof. Dr. V. M. Ingole
Guide

Department of Mechanical Engineering,
P.R.M.I.T. & R, Badnera



Prof. Dr. A. D. Shirbhate
Head of Department

Department of Mechanical Engineering,
P.R.M.I.T. & R, Badnera



Department of Mechanical Engineering
Prof. Ram Meghe Institute of Technology & Research, Badnera

360 DEGREE AIR COOLER

A PROJECT REPORT

Submitted By

Mr. Shubham R. Bhagat

Mr. Adarsh P. Patil

Mr. Sayyam S. Bharde

Mr. Kamesh B. Chopade

Mr. Bhushan A. Gond

Mr. Devendra M. Wanare

Under The Guidance Of

Prof. V. D. Tonge

In the partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

MECHANICAL ENGINEERING



Department of Mechanical Engineering

Prof Ram Meghe Institute of Technology And Research Badnera, Amravati
(Session 2021-22)

CERTIFICATE

This is to certify that the project entitled

360 DEGREE AIR COOLER

Submitted By

Mr. Shubham R. Bhagat

Mr. Adarsh P. Patil

Mr. Sayyam S. Bharde

Mr. Kamesh B. Chopade

Mr. Bhushan A. Gond

Mr. Devendra M. Wanare

is a bonafide work and has been successfully completed under my guidance. This project report is submitted in the partial fulfillment of the requirement for the award of the degree of Bachelor of Engineering in Mechanical Engineering, Sant Gadge Baba Amravati University, Amravati, during the academic year 2021-22.



Prof. V. D. Tonge
Guide

Department of Mechanical Engineering,
P.R.M.I.T. & R, Badnera



Prof. Dr. A. D. Shirbhate
Head

Department of Mechanical Engineering,
P.R.M.I.T. & R, Badnera



Department of Mechanical Engineering
Prof. Ram Meghe Institute of Technology & Research, Badnera

A PROJECT REPORT

on

“MODERN TECHNOLOGY IN INDIAN RAILWAYS”

Submitted by

Mr. Abhishek S. Gawande

Mr. Kuldip D. Uike

Mr. Riddhesh S. Dharme

Mr. Swaraj J. Babare

Mr. Mihir R. Holey

Mr. Vivek V. Jiskar

Under the guidance of

Prof. S M. Paropate

in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

MECHANICAL ENGINEERING



Department of Mechanical Engineering

Prof. Ram Meghe Institute of Technology & Research, Badnera

MAY 2022

CERTIFICATE

This is to certify that the project entitled

"MODERN TECHNOLOGY IN INDIAN RAILWAYS"

Submitted by

Mr. Abhishek S. Gawande

Mr. Kuldip D. Uike

Mr. Riddhesh S. Dharme

Mr. Swaraj J. Babare

Mr. Mihir R. Holey

Mr. Vivek V. Jiskar

is a bonafide work and has been successfully completed under my guidance. This project report is submitted in the partial fulfillment of the requirement for the award of the degree of Bachelor of Engineering In Mechanical Engineering, Sant Gadge Baba Amravati University, Amravati, during the academic year 2014-15.



Prof. Prof. S M. Paropate
Guide

Department of Mechanical Engineering,
P.R.M.I.T. & R, Badnera



Prof. Dr. A. D. Shirbhate
Head

Department of Mechanical Engineering,
P.R.M.I.T. & R, Badnera



MATERIAL SORTING USING CONVEYER BELT

A PROJECT REPORT

Submitted By

MR. SHANTANU P. SARGIVE

MR. SHANTANU JAGTAP

MR. SHREYAS RAUT

MR. SURAJ PURI

MR. ADITYA DHAMNE

MR. MOHIT MOTWANI

Under the guidance of

Prof. S. A. GEDAM

in partial fulfilment of the award of the

degree of

BACHELOR OF ENGINEERING

in

MECHANICAL ENGINEERING



Department of Mechanical Engineering
Prof. Ram Meghe Institute of Technology & Research,
Badnera

MAY 2022

CERTIFICATE

This is to certify that the Project entitled

MATERIAL SORTING USING CONVEYER BELT

Submitted by

MR. SHANTANU P. SARGIVE

MR. SHANTANU JAGTAP

MR. SHREYAS RAUT

MR. SURAJ PURI

MR. ADITYA DHAMNE

MR. MOHIT MOTWANI

is a bonafide work and has been successfully completed under my guidance. This project report is submitted in the partial fulfillment of the requirement for the award of the degree of Bachelor of Engineering In Mechanical Engineering, Sant Gadge Baba Amravati University, Amravati, during the academic year 2021-22.


Prof. S. A. GEDAM

Guide

Department of Mechanical Engineering


Prof. Dr. A. D. Shirbhate

Head

Department of Mechanical Engineering



Department of Mechanical Engineering

Prof. Ram Meghe Institute of Technology & Research,

Badnera

IMPROVEMENT IN HYBRID SOLAR DRYER SYSTEM.

A Project report

Submitted By

Mr. Dushant P. Chavhan

Ms. Dhanashri R. Dhengale

Mr. Pravin B. Thakare

Mr. Akash V. Hendwe

Mr. Nikhil R. Panekar

Mr. Pranit D. Wankhade

Under the guidance of

Prof. S.S. Bhange

in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

MECHANICAL ENGINEERING



Department Of Mechanical Engineering

Prof. Ram Meghe Institute of Technology and Research, Badnera

2021-2022

CERTIFICATE

This is to certify that the project entitled

IMPROVEMENT IN HYBRID SOLAR DRYER SYSTEM.

Submitted by

Mr. Dushant P. Chavhan

Ms. Dhanashri R. Dhengale

Mr. Pravin B. Thakare

Mr. Akash V. Hendwe

Mr. Nikhil R. Panekar

Mr. Pranit D. Wankhade

is a bonafide work and has been successfully completed under my guidance. This project report is submitted in the partial fulfillment of the requirement for the award of the degree of Bachelor of Engineering In Mechanical Engineering, Sant Gadge Baba Amravati University, Amravati, during the academic year 2021-22.



Prof. S. S. Bhange

Guide

Department of Mechanical Engineering
P.R.M.I.T. & R, Badnera



Prof. Dr. A.D. Shirbhate

Head

Department of Mechanical Engineering,
P.R.M.I.T. & R, Badnera



Department of Mechanical Engineering

Prof. Ram Meghe Institute of Technology & Research, Badnera.

Gesture Controlled Industrial Robotic Arm Prototype making using Arduino and MPU6050

A PROJECT REPORT

Submitted By

Mr. Sameer N. Deshmukh

Mr. Abhishek S. Raut

Ms. Aachal A. Kandalkar

Ms. Vaishnavi P. Gupta

Mr. Abhishek R. Ingle

Mr. Anuj V. Warghat

Under The Guidance Of

Prof. Dr. S.G. Bahaley

In the partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

MECHANICAL ENGINEERING



Department of Mechanical Engineering

**Prof Ram Meghe Institute of Technology And Research Badnera, Amravati
(Session 2021-22)**

CERTIFICATE

This is to certify that the project entitled

Gesture Controlled Industrial Robotic Arm Prototype making using Arduino and MPU6050

Submitted By

Mr. Sameer N. Deshmukh

Ms. Aachal A. Kandalkar

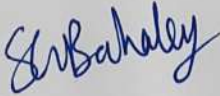
Mr. Abhishek R. Ingle

Mr. Abhishek S. Raut

Ms. Vaishnavi P. Gupta

Mr. Anuj V. Warghat

is a bonafide work and has been successfully completed under my guidance. This project report is submitted in the partial fulfillment of the requirement for the award of the degree of Bachelor of Engineering in Mechanical Engineering, Sant Gadge Baba Amravati University, Amravati, during the academic year 2021-22.



Prof. Dr. S.G. Bahaley
Guide

Department of Mechanical Engineering,
P.R.M.I.T. & R, Badnera



Prof. Dr. A. D. Shirbhate
Head

Department of Mechanical Engineering,
P.R.M.I.T. & R, Badnera



Department of Mechanical Engineering
Prof. Ram Meghe Institute of Technology & Research, Badnera

Design & Development of Multipurpose Chair

A PROJECT REPORT

Submitted by

Mr. Ajinkya S. Chendke

Mr. Akshay B. Shinde

Mr. Akash A. Meshram

Mr. Abhay V. Dahat

Mr. Falgun A. Dhawale

Ms. Sonali R. Marathe

Under the guidance of

Prof. Dr. A.U. Awate

in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

in

MECHANICAL ENGINEERING



Department of Mechanical Engineering
Prof. Ram Meghe Institute of Technology & Research, Badnera
(Session 2021-22)

CERTIFICATE

This is to certify that the project entitled

Design & Development of Multipurpose Chair

Submitted by

Mr. Ajinkya S. Chendke

Mr. Akshay B. Shinde

Mr. Akash A. Meshram

Mr. Abhay V. Dahat

Mr. Falgun A. Dhawale

Ms. Sonali R. Marathe

is a bonafide work and has been successfully completed under my guidance. This project report is submitted in the partial fulfilment of the requirement for the award of the degree of Bachelor of Engineering in Mechanical Engineering, Sant Gadge Baba Amravati University, Amravati, during the academic year 2020-21.



Prof. Dr. A. U. Awate
Guide
Department of Mechanical
Engineering,
P.R.M.I.T. & R, Badnera



Prof. Dr. A. D. Shirbhate
Head
Department of Mechanical
Engineering,
P.R.M.I.T. & R, Badnera



Department of Mechanical Engineering
Prof. Ram Meghe Institute of Technology & Research, Badnera

**Vertical Axis Wind Turbine
(VAWT)**

A PROJECT REPORT

Submitted by

Mr. Ameya Madhav Ambhore

Ms. Spandan Anukul Sangole

Mr. Sanved Chitra Vinod Adhau

Ms. Arpita Surendra Kalamkar

Mr. Martand Ramkrushna Mangulkar

Ms. Vishakha Laxman Nigam

Under the guidance of

Dr. Rucha R. Kolhekar

In partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

In

MECHANICAL ENGINEERING



Department of Mechanical Engineering

Prof. Ram Meghe institute of Technology & Research, Badnera

MAY 2022

CERTIFICATE

This is to certify that the project entitled
Vertical Axis Wind Turbine (VAWT)

Submitted by

Mr. Ameya Madhav Ambhore

Ms. Spandan Anulul Sangole

Mr. Sanved Chitra Vinod Adhau

Ms. Arpita Surendra Kalamkar

Mr. Martand Ramkrushna Mangulkar

Ms. Vishakha Laxman Nigam

is a bonafide work and has been successfully completed under my guidance. This project report is submitted in the partial fulfillment of the requirement for the award of the degree of Bachelor of Engineering In Mechanical Engineering, Sant Gadge Baba Amravati University, Amravati, during the academic year 2021-2022



Prof. Dr. Rucha R. Kolhekar

Guide

Department of Mechanical Engineering

P.R.M.I.T. & R, Badnera



Prof. Dr. A. D. Shirbhate

Head

Department of Mechanical Engineering

P.R.M.I.T. & R, Badnera



Department of Mechanical Engineering

Prof. Ram Meghe Institute of Technology & Research, Badnera

Project Report
On
**Obstacle Sensing And Path
Rerouting Robotic Vehicle**

Submitted by

Mr. Abhishek N. Banarase

Mr. Monil R. Hedao

Mr. Chaitanya S. Kapse

Mr. Prajwal V. Bhumbar

Mr. Prajwal S. Kale

Mr. Prajwal M. Narote

Final Year B.E. (Mechanical Engineering)

Guided by

Prof. Dr. S. S. Deshmukh



Department of Mechanical Engineering
Prof. Ram Meghe Institute of Technology & Research, Badnera.
2021-2022

CERTIFICATE

*This is to certify that the project report entitled
Obstacle Sensing And Path Rerouting Robotic Vehicle
is a bonafide work and it is submitted to the Sant Gadge Baba Amravati
University, Amravati*

By

Mr. Abhishek N. Banarase

Mr. Monil R. Hedao

Mr. Chaitanya S. Kapse

Mr. Prajwal V. Bhumbar

Mr. Prajwal S. Kale

Mr. Prajwal M. Narote

Final Year B.E. (Mechanical Engineering)

*in the partial fulfillment of the requirement for the award of degree of
Bachelor of Engineering in Mechanical Engineering, during the academic year
2021-2022 under my guidance.*



*Prof. Dr. S. S. Deshmukh
Guide
Mechanical Engineering Dept
PRMIT & R, Badnera.*



*Prof. Dr. A. D. Shirbhate
HOD
Mechanical Engineering Dept
PRMIT & R, Badnera.*



Department of Mechanical Engineering

Prof. Ram Meghe Institute of Technology & Research, Badnera.

2021-2022

MANUALLY OPERATED SEED SOWING MACHINE

A PROJECT REPORT

Submitted by

Mr. Ganesh J. Misar
Mr. Ganesh J. Bande
Mr. Sumit R. Deshmukh

Mr. Sahil A. Agrawal
Ms. Achal R. Meshram
Ms. Mayuri S. Wankhade

Under the guidance of

Prof. A. S. Deshmukh

In partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

in

MECHANICAL ENGINEERING



Department of Mechanical Engineering

Prof. Ram Meghe Institute of Technology & Research, Badnera

May 2022

CERTIFICATE

This is to certify that the project entitled

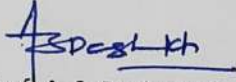
MANUALLY OPERATED SEED SOWING MACHINE

Submitted by

Mr. Ganesh J. Misar
Mr. Ganesh J. Bande
Mr. Sumit R. Deshmukh

Mr. Sahil A. Agrawal
Ms. Achal R. Meshram
Ms. Mayuri S. Wankhade

is a bonafide work and has been successfully completed under my guidance. This project report is submitted in the partial fulfillment of the requirement for the award of the degree of Bachelor of Engineering In Mechanical Engineering, Sant Gadge Baba Amravati University, Amravati, during the academic year 2021-2022.



Prof. A. S. Deshmukh
Guide,
Department of Mechanical Engineering,
P.R.M.I.T. & R. Badnera



Prof. Dr. A.D. Shirbhate
Head,
Department of Mechanical Engineering,
P.M.R.I.T. & R. Badnera



Department of Mechanical Engineering

Prof. Ram Meghe Institute of Technology & Research, Badnera

May 2022

“Multiple Non-Conventional Energy Generating Units for Electric Vehicle Charging Station”

A Project Report

Submitted by

Mr. Hitesh V. Nagose

Miss. Sushmita S. Arjunker

Mr. Yash N. Dhadkar

Miss. Chinmayee S. Gajpure

Miss. Aditi S. Dhole

Miss. Rasika A. Sontakke

Under the guidance of

Prof. Dr. H. M. Deshmukh

In partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

In

MECHANICAL ENGINEERING



Department of Mechanical Engineering

Prof. Ram Meghe Institute of Technology & Research , Badnera

(Session 2021-2022)

CERTIFICATE

This is to certify that the project entitled
**“Multiple Non-Conventional Energy Generating Units for
Electric Vehicle Charging Station”**

Submitted by

Mr. Hitesh V. Nagose

Miss. Sushmita S. Arjunker

Mr. Yash N. Dhadkar

Miss. Chinmayee S. Gajpure

Miss. Aditi S. Dhole

Miss. Rasika A. Sontakke

is a bonafide work and has been successfully completed under my guidance. This project report is submitted in the partial fulfillment of the requirement for the award of the degree of Bachelor of Engineering In Mechanical Engineering, Sant Gadge Baba Amravati University, Amravati, during the academic year 2021-22.


Prof. Dr. H. M. Deshmukh

Guide

Department of Mechanical Engineering

P.R.M.I.T & R, Badnera


Prof. Dr. A. D. Shirbhate

Head

Department of Mechanical Engineering

P.R.M.I.T & R, Badnera



Department of Mechanical Engineering

Prof. Ram Meghe Institute of Technology & Research , Badnera

(Session 2021-2022)

**“MACHINE FOR TRANSFORMING
WASTE PLASTIC BOTTLES INTO RAW MATERIAL”**

A PROJECT REPORT

Submitted By

MR. SATYAM BADHAI

MR. SAURABH MAHORE

MR. VRUSHABH BARASKAR

MR. NISHANT PARATE

MR. MAHESH LABHSETWAR

MR. PRANAV AJMIRE

Under the guidance of
PROF. S.S. KONGRE

In partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

In

MECHANICAL ENGINEERING



Department of Mechanical Engineering
Prof. Ram Meghe Institute of Technology & Research,
Badnera
MAY 2022

CERTIFICATE

This is to certify that the project entitled

“MACHINE FOR TRANSFORMING WASTE PLASTIC BOTTLES INTO RAW MATERIAL”

Submitted by:

MR. SATYAM BADHAI

MR. SAURABH MAHORE

MR. VRUSHABH BARASKAR

MR. NISHANT PARATE

MR. MAHESH LABHSETWAR

MR. PRANAV AJMIRE

is a bonafide work and has been successfully completed under my guidance. This project report is submitted in the partial fulfillment of the requirement for the award of the degree of Bachelor of Engineering in Mechanical Engineering, Sant Gadge Baba Amravati University, Amravati, during the academic year 2021-22.



Prof. S. S. Kongre
Guide

Department of Mechanical Engineering,
P.R.M.I.T. & R, Badnera



Prof. Dr. A. D. Shirbhate
Head

Department of Mechanical Engineering,
P.R.M.I.T. & R, Badnera



Department of Mechanical Engineering
Prof. Ram Meghe Institute of Technology & Research, Badnera

A PROJECT REPORT

on

Power Generation Using Road Traffic

Submitted by

Mr. Jay A. Belsare

Ms. Abhishek S. Bhande

Mr. Aditya S. Ingole

Ms. Yash K. Chavhan

Mr. Akash P. Tijare

Ms. Parag R. Datey

Under the guidance of

Prof. A. S. Deshmukh

in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

MECHANICAL ENGINEERING



Department of Mechanical Engineering

Prof. Ram Meghe Institute of Technology & Research, Badnera

MAY 2022

CERTIFICATE

This is to certify that the project entitled

Power Generation Using Road Traffic

Submitted by

Mr. Jay A. Belsare

Mr. Abhishek S. Bhande

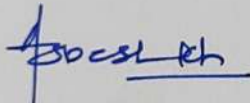
Mr. Aditya S. Ingole

Mr. Yash K. Chavhan

Mr. Akash P. Tijare

Mr. Parag R. Datey

is a bonafide work and has been successfully completed under my guidance. This project report is submitted in the partial fulfillment of the requirement for the award of the degree of Bachelor of Engineering In Mechanical Engineering, Sant Gadge Baba Amravati University, Amravati, during the academic year 2021-22 .



Prof. A. S. Deshmukh

Guide

Department of Mechanical Engineering,

P.R.M.I.T. & R, Badnera



Prof. Dr. A. D. Shirbhate

Head

Department of Mechanical Engineering,

P.R.M.I.T. & R, Badnera



Department of Mechanical Engineering

Prof. Ram Meghe Institute of Technology & Research, Badnera

“Built in Atmospheric Water Generator in Refrigerator”

A PROJECT REPORT

Submitted by

Mr. Meet M. Dandhale

Mr. Rishikesh D. Gulhane

Mr. Chaitanya M. Deshmukh

Mr. Saurabh S. Murai

Mr. Ayur Gajbhiye

Mr. Vishal Bhadke

Under the guidance of

Prof. A. V. Deshmukh

in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

In

MECHANICAL ENGINEERING



Department of Mechanical Engineering

Prof. Ram Meghe Institute of Technology & Research, Badnera

(Session 2021-22)

Certificate

This is to certify that the project entitled

“Built in Atmospheric Water Generator in Refrigerator”

Submitted by

Mr. Meet M. Dandhale

Mr. Rishikesh D. Gulhane

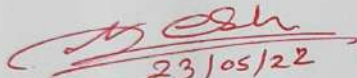
Mr. Chaitanya M. Deshmukh

Mr. Saurabh S. Murai

Mr. Ayur Gajbhiye

Mr. Vishal Bhadke

is a bonafide work and has been successfully completed under my guidance. This project report is submitted in the partial fulfillment of the requirement for the award of the degree of Bachelor of Engineering In Mechanical Engineering, Sant Gadge Baba Amravati University, Amravati, during the academic year 2021-22.


23/05/22
Prof. A. V. Deshmukh

Guide

Dept. of Mechanical Engineering

P.R.M.I.T & R, Badnera


Prof. Dr. A. Shirbhate

Head

Dept. Of Mechanical Engineering

P.R.M.I.T & R, Badnera



Department of Mechanical Engineering

Prof. Ram Meghe Institute of Technology & Research, Badnera

SOLIDWORK BASED LUGS PICKLING MACHINE UNIT FOR OXIDATION

A PROJECT REPORT

Submitted By

Mr.Arvind N. Dharmale

Mr.Paritosh N. Ubhad

Mr.Maroti H. Paunkar

Ms.Bhumika N. Waghmare

Mr.Aadesh B. Tamgadge

Mr.Saurabh M. Kakde

Under the Guidance of
Prof. Dr. N.A. Wankhade

In partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

In

MECHANICAL ENGINEERING



Department of Mechanical Engineering
Prof. Ram Meghe Institute of Technology & Research, Badnera

2021-2022

CERTIFICATE

This is to certify that the project entitled

SOLIDWORK BASED LUGS PICKLING MACHINE UNIT FOR OXIDATION

Submitted by

Mr.Arvind N. Dharmale
Mr.Maroti H. Paunkar
Mr.Aadesh B. Tamgadge

Mr.Paritosh N. Ubhad
Ms.Bhumika N. Waghmare
Mr.Saurabh M. Kakde

is a bonafide work and has been successfully completed under my guidance. This project report is submitted in the partial fulfillment of the requirement for the award of the degree of Bachelor of Engineering In Mechanical Engineering, Sant Gadge Baba Amravati University, Amravati, during the academic year 2021-22.


Prof. Dr. N.A. Wankhade
Guide

Department Of Mechanical Engineering
P.R.M.I.T. & R, Badnera


Prof. Dr. A.D. Shirbhate
Head

Department Of Mechanical Engineering
P.R.M.I.T. & R, Badnera



Department of Mechanical Engineering
Prof. Ram Meghe Institute Of Technology & Research, Badnera

Fabrication Of Water Cooler Cum Air Cooler

A PROJECT REPORT

Submitted by

Mr. Vaibhav R. Panjabi
Mr. Sameer S. Ghorpade
Mr. Pranit M. Kamble

Mr. Mayur S. Kohale
Mr. Saurav G. Sankale
Mr. Puneet N. Sharma

Under the guidance of

Prof. S.V. Dahake

In partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

in

MECHANICAL ENGINEERING



Department of Mechanical Engineering

Prof. Ram Meghe Institute of Technology & Research, Badnera

May 2022

CERTIFICATE

This is to certify that the project entitled
Fabrication Of Water Cooler Cum Air Cooler

Submitted by

Mr. Vaibhav R. Panjabi
Mr. Sameer S. Ghorpade
Mr. Pranit M. Kamble

Mr. Mayur S. Kohale
Mr. Saurav G. Sankale
Mr. Puneet N. Sharma

is a bonafide work and has been successfully completed under my guidance. This project report is submitted in the partial fulfillment of the requirement for the award of the degree of Bachelor of Engineering In Mechanical Engineering, Sant Gadge Baba Amravati University, Amravati, during the academic year 2021-2022.



Prof. S.V. Dahake
Guide,

Department of Mechanical Engineering,
P.R.M.I.T. & R. Badnera



Prof. Dr. A.D. Shirbhat
Head,

Department of Mechanical Engineering,
P.M.R.I.T. & R. Badnera



Department of Mechanical Engineering

Prof. Ram Meghe Institute of Technology & Research, Badnera

May 2022

SELF CHARGING BACKUP SYSTEM IN ELECTRIC VEHICLE

A PROJECT REPORT

Submitted by

Ms.Tanaya N. Ghodeswar

Mr.Utkarsh R. Nandurkar

Mr.Sarvesh R Manohare

Mr.Aniket M. Gole

Mr.Hrishikesh S. Deshmukh

Mr.Nirbhay P. Thaware

Under the guidance of

Prof. A. K. Pitale

in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

MECHANICAL ENGINEERING



Department of Mechanical Engineering

Prof. Ram Meghe Institute of Technology & Research, Badnera

(Session 2021-22)

CERTIFICATE

This is to certify that the project entitled

SELF CHARGING BACKUP SYSTEM IN ELECTRIC VEHICLE

Submitted by

Ms.Tanaya N. Ghodeswar

Mr.Utkarsh R. Nandurkar

Mr.Sarvesh R Manohare

Mr.Aniket M. Gole

Mr.Hrishikesh S. Deshmukh

Mr.Nirbhay P. Thaware

is a bonafide work and has been successfully completed under my guidance. This project report is submitted in the partial fulfillment of the requirement for the award of the degree of Bachelor of Engineering In Mechanical Engineering, Sant Gadge Baba Amravati University, Amravati, during the academic year 2020-21.



Prof. Dr. A. K. Pitale

Guide

Department of Mechanical Engineering,

P.R.M.I.T. & R, Badnera.



Dr. A. D. Shirbhate

Head

Department of Mechanical Engineering,

P.R.M.I.T. & R, Badnera.



Department of Mechanical Engineering

Prof. Ram Meghe Institute of Technology & Research, Badnera

“DESIGN AND DEVELOPMENT OF AGRO-CARRIER ROBOT”

A PROJECT REPORT

Submitted by

Mr. Tejas S. Tawalare

Mr. Shrikant C. Khanke

Mr. Prathamesh S. Malode

Mr. Prajwal A. Nichat

Mr. Sushant A. Thakare

Mr. Pratik S. Wawage

Under the support and guidance of

Prof. C. R. BUNDELE

in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

MECHANICAL ENGINEERING



Department of Mechanical Engineering,
Prof. Ram Meghe Institute of Technology & Research, Badnera

2021-2022

CERTIFICATE

This is to certify that the project report entitled
"DESIGN AND DEVELOPMENT OF AGRO-CARRIER ROBOT."

Submitted by

Mr. Tejas S. Tawalare

Mr. Shrikant C. Khanke

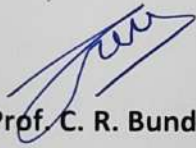
Mr. Prathamesh S. Malode

Mr. Prajwal A. Nichat

Mr. Sushant A. Thakare

Mr. Pratik S. Wawage

to the Department of Mechanical Engineering, Prof. Ram Meghe Institute of Technology & Research, Badnera in partial fulfillment for the award of the degree of Bachelor of Engineering in Mechanical Engineering is a bonafide record of project work carried out under our supervision during the academic year 2021-22.



Prof. C. R. Bundele

Guide

Dept. of Mechanical Engineering,
PRMIT&R, Badnera



Prof. Dr. A. D. Shirbhate

Head

Dept. of Mechanical Engineering,
PRMIT&R, Badnera



**Department of Mechanical Engineering,
Prof. Ram Meghe Institute of Technology & Research, Badnera
2021-2022**

A PROJECT REPORT ON
Regenerative Braking System

Submitted by

Mr. Vaibhav M. Bisen
Mr. Mukul K. Gorkhe
Mr. Harshal G. Richariya

Mr. Kundan S. Tupate
Ms. Durga Wavare
Mr. Shaikh Mohammad
Zishan Ahmed

Under the guidance of

Associated Prof. Dr. S.P. PATIL

In partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

in

MECHANICAL ENGINEERING



Department of Mechanical Engineering

Prof. Ram Meghe Institute of Technology & Research, Badnera.
May 2022

CERTIFICATE

This is to certify that the project entitled

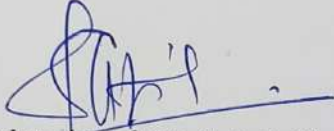
Regenerative Braking System

Submitted by

Mr. Vaibhav M. Bisen
Mr. Mukul K. Gorkhe
Mr. Harshal G. Richariya

Mr. Kundan S. Tupate
Ms. Durga Wavare
Mr. Shaikh Mohammad
Zishan Ahmed

Is a bonafide work and has been successfully completed under my guidance. This project report is submitted in the partial fulfillment of the requirement for the award of the degree of Bachelor of Engineering in Mechanical Engineering, Sant Gadge Baba Amravati University, Amravati, during the academic year 2021-22.



Associated Prof. Dr. S. P. Patil

Guide



Prof. Dr. A. D. Shirbhate

Head of department Department of
Mechanical Engineering,
P.R.M.I.T. & R, Badnera



Department of Mechanical Engineering

Prof. Ram Meghe Institute of Technology & Research, Badnera.

CROPS TRIMMING MACHINE & PESTICIDE SPRAYER

A PROJECT REPORT

Submitted by

Mr. Gourao S. Warhade
Mr. Nikhil V. Bure
Mr. Harsh S. Thakare
Mr. Hrishikesh A. Deshmukh

Mr. Prashant S. Waghmare
Mr. Amit K. Khadse
Mr. Akash P .Gedam

Under the guidance of

Prof. A.P.THAKARE

in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

MECHANICAL ENGINEERING



Department of Mechanical Engineering
Prof. Ram Meghe Institute of Technology & Research, Badnera
MAY 2022

CERTIFICATE

This is to certify that the project entitled

CROPS TRIMMING MACHINE & PESTICIDE SPRAYER

Submitted by

Mr. Gourao S. Warhade

Ms Prashant S. Waghmare

Mr. Nikhil V. Bure

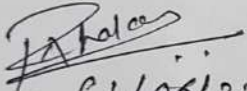
Ms. Amit K. Khadse

Mr. Harsh S. Thakare

Ms. Akash P .Gedam


Mr. Hrishikesh A. Deshmukh

is a bonafide work and has been successfully completed under my guidance. This project report is submitted in the partial fulfillment of the requirement for the award of the degree of Bachelor of Engineering In Mechanical Engineering, Sant Gadge Baba Amravati University, Amravati, during the academic year 2021-.


Prof. A. P. Thakare
Guide
(21/06/22)

Department of Mechanical Engineering,

P.R.M.I.T. & R, Badnera


Prof. Dr. A. D. Shirbhate
Head

Department of Mechanical Engineering

P.R.M.I.T. & R, Badnera



Department of Mechanical Engineering
Prof. Ram Meghe Institute of Technology & Research, Badnera

Solar Panel Cleaning Mechanism

A PROJECT REPORT

Submitted by

Ms. Monali V Wankhade

Mr. Yash K. Ajlkar

Ms. Samruddhi A Ghogre

Mr. Aniket R Wadaskar

Ms. Srushti S Matkar

Mr. Piyush U Kale

Under the guidance of

Prof. Dr. A. D. Shirbhate

in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

MECHANICAL ENGINEERING



Department of Mechanical Engineering

Prof. Ram Meghe Institute of Technology & Research, Badnera

MAY 2021-22

CERTIFICATE

This is to certify that the project entitled

Solar Panel Cleaning Mechanism

Submitted by

Ms. Monali V Wankhade

Ms. Samruddhi A Ghogre

Ms. Srushti S Matkar

Mr. Yash K. Ajlkar

Mr. Aniket R Wadaskar

Mr. Piyush U Kale

is a bonafide work and has been successfully completed under my guidance. This project report is submitted in the partial fulfillment of the requirement for the award of the degree of Bachelor of Engineering In Mechanical Engineering, Sant Gadge Baba Amravati University, Amravati, during the academic year 2021-22.



Prof. Dr. A. D. Shirbhate

Guide

Department of Mechanical Engineering,

P.R.M.I.T. & R, Badnera



Prof. Dr. A. D. Shirbhate

Head

Department of Mechanical Engineering,

P.R.M.I.T. & R, Badnera



Department of Mechanical Engineering

Prof. Ram Meghe Institute of Technology & Research, Badnera

CERTIFICATE

This is to certify that the project entitled

LINE FOLLOWING ROBOT

Submitted by

Mr. Piyush Sahadeo Bopche

Mr. Arjun Kesari Harsule

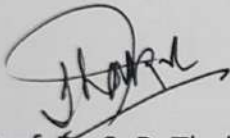
Mr. Rutvik Sanjayrao Tekade

Mr. Harshad Manohar Palaskar

Mr. Rupesh Narendra Ganvir

Mr. Sumant Jaywant Sawai

is a bonafide work and has been successfully completed under my guidance. This project report is submitted in the partial fulfilment of the requirement for the award of the degree of Bachelor of Engineering in Mechanical Engineering, Sant Gadge Baba Amravati University, Amravati, during the academic year 2020-21.



Prof. Dr. S. B. Thakre

Project Guide

Department of Mechanical Engineering,

P.R.M.I.T. & R, Badnera



Prof. Dr. A. D. Sirbhate

Head of Department

Department of Mechanical Engineering,

P.R.M.I.T. & R, Badnera



Department of Mechanical Engineering

Prof. Ram Meghe Institute of Technology & Research, Badnera.

DESIGN & FABRICATION OF ROBOWAR ROBOT

A PROJECT REPORT

Submitted by

Mr. Abhijeet Thengane
Mr. Sushil Rahate
Mr. Yash Ingale

Mr. Mayur Rathod
Mr. Pranay Dere
Mr. Praful Bhagat

Under the guidance of

Prof.V.V. Kale

*in partial fulfillment for the award of the degree
of*

BACHELOR OF ENGINEERING

in

MECHANICAL ENGINEERING



Department of Mechanical Engineering
Prof. Ram Meghe Institute of Technology & Research,
Badnera (Session 2021-22)

CERTIFICATE

This is to certify that the project entitled
Design & Fabrication of Robowar Robot

Mr. Abhijeet Thengane
Mr. Sushil Rahate
Mr. Yash Ingale

Submitted by

Mr. Mayur Rathod
Mr. Pranay Dere
Mr. Praful Bhagat

is a bonafide work and has been successfully completed under my guidance. This project report is submitted in the partial fulfillment of the requirement for the award of the degree of Bachelor of Engineering in Mechanical Engineering, Sant Gadge Baba Amravati University, Amravati, during the academic year 2021-22



Prof. V.V.Kale
Project Guide
Department of Mechanical Engineering,
P.R.M.I.T. & R, Badnera



Prof. Dr. A.D Shirbhate
H.O.D
Department of Mechanical Engineering
P.R.M.I.T. & R, Badnera



Department of Mechanical Engineering
Prof. Ram Meghe Institute of Technology & Research,
Badnera (Session 2021-22)

THERMAL PERFORMANCE ANALYSIS OF NISIL-R134a HEAT PIPE USING CFD MODELING

A PROJECT REPORT

Submitted by

Mr. Shubham V. Ikhari

Mr. Abhishek V. Sontakke

Ms. Anuja M. Etankar

Ms. Apurva G. Athawale

Mr. Harshad N. Thanekar

Mr. Shubham S. Shegokar

Under the guidance of

Prof. A. S. Patil

in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

in

MECHANICAL ENGINEERING



Department of Mechanical Engineering

Prof. Ram Meghe Institute of Technology & Research, Badnera

(Session 2021-22)

CERTIFICATE

This is to certify that the project entitled

THERMAL PERFORMANCE ANALYSIS OF NISIL-R134A HEAT PIPE USING CFD MODELING

Submitted by

Mr. Shubam V. Ikhar

Mr. Abhishek V. Sontakke

Ms. Anuja M. Etankar

Ms. Apurva G. Athawale

Mr. Harshad N. Thanekar

Mr. Shubham S. Shegokar

is a bonafide work and has been successfully completed under my guidance. This project report is submitted in the partial fulfilment of the requirement for the award of the degree of Bachelor of Engineering In Mechanical Engineering, Sant Gadge Baba Amravati University, Amravati, during the academic year 2021-22.



Prof. A. S. Patil

Guide

Department of Mechanical Engineering,
P.R.M.I.T. & R, Badnera



Dr. A. D. Shirbhate

Head

Department of Mechanical Engineering,
P.R.M.I.T. & R, Badnera



Department of Mechanical Engineering
Prof. Ram Meghe Institute of Technology & Research, Badnera

A PROJECT REPORT

“Design and Analysis of Heat Exchanger Using Fresnel Lens Concentrated Solar Energy”

Submitted by

Mr. Mukul R. Waykul

Mr. Pratik D. Dahekar

Mr. Ritik S. Rathi

Mr. Rushikesh A. Wanjare

Mr. Dhiraj S. Mandale

Ms. Mokshada E. Satpute

Under the guidance of

Prof. K.M WATT

in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

in

MECHANICAL ENGINEERING



Department of Mechanical Engineering

Prof. Ram Meghe Institute of Technology & Research, Badnera

MAY 2022

CERTIFICATE

“Design and Analysis of Heat Exchanger Using Fresnel Lens Concentrated Solar Energy”

Submitted by

Mr. Mukul R. Waykul

Mr. Pratik D. Dahekar

Mr. Ritik S. Rathi

Mr. Rushikesh A. Wanjare

Mr. Dhiraj S. Mandale

Ms. Mokshada E. Satpute

is a bonafide work and has been successfully completed under my guidance. This project report is submitted in the partial fulfillment of the requirement for the award of the degree of Bachelor of Engineering in Mechanical Engineering, Sant Gadge Baba Amravati University, Amravati, during the academic year 2021-22.



Prof. Dr. K.M. WATT

Guide

Department of Mechanical Engineering,

P.R.M.I.T. & R, Badnera



Prof. Dr. A. D. Shirbhate

Head

Department of Mechanical Engineering,

P.R.M.I.T. & R, Badnera



Department of Mechanical Engineering

Prof. Ram Meghe Institute of Technology & Research, Badnera

DESIGN AND FABRICATION OF AGV

A PROJECT REPORT

Submitted by

Mr. Kunal Yede
Mr. Mohit Ingle
Mr. Pratik Bhagat

Mr. Prajval Gaikwad
Mr. Shreyash Titare
Mr. Atharv Nagarmote

Under the guidance of

Prof. R. A. Kubde

in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

in

MECHANICAL ENGINEERING



Department of Mechanical Engineering

Prof. Ram Meghe Institute of Technology & Research, Badnera

MAY 2022

CERTIFICATE

This is to certify that the project entitled

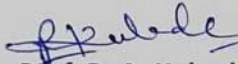
DESIGN AND FABRICATION OF AGV

Submitted by

Mr. Kunal Yede
Mr. Mohit Ingle
Mr. Pratik Bhagat

Mr. Prajval Gaikwad
Mr. Shreyash Titare
Mr. Atharv Nagarmote

is a bonafide work and has been successfully completed under my guidance. This project report is submitted in the partial fulfilment of the requirement for the award of the degree of Bachelor of Engineering In Mechanical Engineering, Sant Gadge Baba Amravati University, Amravati, during the academic year 2021-22



Prof. R. A. Kubade

Guide

Department of Mechanical Engineering,
P.R.M.I.T. & R, Badnera



Prof. Dr. A. D. Shirbhate

Head

Department of Mechanical Engineering,
P.R.M.I.T. & R, Badnera



Department of Mechanical Engineering
Prof. Ram Meghe Institute of Technology & Research, Badnera

**“CRITICAL STUDY OF SMALL SCALE INDUSTRY SUPPORTED BY
MSKVIB TO SOLAR KHADI CLUSTER”**

A PROJECT REPORT

Submitted by

Ms. Pranita Virulkar
Mr. Rohit Patekar
Mr. Parikshit Thakare

Mr. Bhavesh Yeotkar
Ms. Janhvi Shamkuwar
Ms. Aayushi Khodpe

Under the guidance of
Prof. Dr. N. W. Kale

in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

In

MECHANICAL ENGINEERING



Department of Mechanical Engineering

Prof. Ram Meghe Institute of Technology & Research, Badnera
(Session 2021-22)

MAY 2022

CERTIFICATE

This is to certify that the project entitled

**CRITICAL STUDY OF SMALL SCALE INDUSTRY SUPPORTED BY
MSKVIB TO SOLAR KHADI CLUSTER**

Submitted by

Ms. Pranita Virulkar
Mr. Rohit Patekar
Mr. Parikshit Thakare

Mr. Bhavesh Yeotkar
Ms. Janhvi Shamkuwar
Ms. Aayushi Khodpe

is a bonafide work and has been successfully completed under my guidance. This project report is submitted in the partial fulfillment of the requirement for the award of the degree of Bachelor of Engineering In Mechanical Engineering, Sant Gadge Baba Amravati University, Amravati, during the academic year 2021-22.



Prof. Dr. N. W. Kale
Guide

Department of Mechanical Engineering,
P.R.M.I.T. & R, Badnera



Prof. Dr. A. D. Shirbhate
Head

Department of Mechanical Engineering
P.R.M.I.T. & R, Badnera



Department of Mechanical Engineering
Prof. Ram Meghe Institute of Technology & Research, Badnera

ELECTROMAGNETIC BRAKING SYSTEM

A PROJECT REPORT

Submitted by

Mr. AKHILESH DHANASKAR

Mr. YASH GHARDE

Mr. MANTHAN CHULE

Mr. SIDDHANT DESHMUKH

Mr. SAURABH SONDE

Mr. ISHANT BIDKAR

Under the guidance of

Prof. Dr. SAMIR DESHMUKH

In partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

In MECHANICAL ENGINEERING



Department of Mechanical Engineering

Prof. Ram Meghe Institute of Technology & Research,

Badnera (Session 2021-22)

CERTIFICATE

This is to certify that the project entitled

ELECTROMAGNETIC BRAKING SYSTEM

Submitted by

Mr. AKHILESH DHANASKAR

Mr. YASH GHARDE

Mr. MANTHAN CHULE

Mr. SIDDHANT DESHMUKH

Mr. SAURABH SONDE

Mr. ISHANT BIDKAR

Is a bonafide work and has been successfully completed under my guidance. This project report is submitted in the partial fulfilment of the requirement for the award of the degree of Bachelor of Engineering in Mechanical Engineering, Sant Gadge Baba Amravati University, Amravati, during the academic year 2021-22.



Prof. Dr. Samir Deshmukh

Project Guide

Department of Mechanical

Engineering

P.R.M.I.T. & R, Badnera



Prof. Dr. A. D. Shirbhate

H.O.D

Department of Mechanical

Engineering

P.R.M.I.T. & R, Badnera



Department of Mechanical Engineering

**Prof. Ram Meghe Institute of Technology & Research,
Badnera (Session 2021-2022)**

A PROJECT REPORT ON
“Solar Powered Self-Sustain Class Room”

Submitted by

Mr. Neeraj V. Sawai

Mr. Lakhan S. Thakare

Mr. Kundan D. Nagpure

Mr. Tanmay S. Kalbande

Mr. Dhiraj R. Digrase

Mr. Aditya S. Mandawe

Under the guidance of
Prof. Ankur S. Sakhare

in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING
in
MECHANICAL ENGINEERING



Department of Mechanical Engineering
Prof. Ram Meghe Institute of Technology & Research, Badnera
2021 – 2022

CERTIFICATE

This is to certify that the project entitled

Solar Powered Self-Sustain Class Room

Submitted by

Mr. Neeraj V. Sawai

Mr. Lakhan S. Thakare

Mr. Kundan D. Nagpure

Mr. Tanmay S. Kalbande

Mr. Dhiraj R. Digrase

Mr. Aditya S. Mandawe

is a Bonafede work and has been successfully completed under my guidance. This project report is submitted in the partial fulfilment of the requirement for the award of the degree of Bachelor of Engineering In Mechanical Engineering, Sant Gadge Baba Amravati University, Amravati, during the academic year 2021-22.

Prof. Ankur S. Sakhare

Guide

Department of Mechanical Engineering,
P.R.M.I.T. & R, Badnera

Prof. Dr. A. D. Shirbhate

Head

Department of Mechanical Engineering,
P.R.M.I.T. & R, Badnera



Department of Mechanical Engineering

Prof. Ram Meghe Institute of Technology & Research, Badnera

“COMPRESSED-AIR ENGINE”

A PROJECT REPORT

Submitted by

MR.CHINMAY G.GIRHEPUJE

MR. VISHWAJIT C.GHUGE

MR.SARTHAK A.SARODE

MR.BHUSHAN K.DHURATE

MR.SHUBHAM M.DURGADE

MR.RUSHIKESH V.BHATKAR

Under the guidance of
Prof. Dr. M. P. NAWATHE

in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

in

MECHANICAL ENGINEERING



Department of Mechanical Engineering

Prof. Ram Meghe Institute of Technology & Research, Badnera

2021-2022

CERTIFICATE

This is to certify that the project entitled

“COMPRESSED-AIR ENGINE”

Submitted by

MR.CHINMAY G.GIRHEPUJE

MR.BHUSHAN K.DHURATE


MR. VISHWAJIT C.GHUGE

MR.SHUBHAM M.DURGADE

MR.SARTHAK A.SARODE

MR.RUSHIKESH V.BHATKAR

is a bonafide work and has been successfully completed under my guidance. This project report is submitted in the partial fulfilment of the requirement for the award of the degree of Bachelor of Engineering In Mechanical Engineering, Sant Gadge Baba Amravati University, Amravati, during the academic year 2021-22.



Prof. Dr. M. P. NAWATHE

Guide

Department of Mechanical
Engineering

P.R.M.I.T. & R, Badnera



Prof. Dr. A. D. Shirbhate

Head

Department of Mechanical
Engineering

P.R.M.I.T. & R, Badnera



Department of Mechanical Engineering
Prof. Ram Meghe Institute of Technology & Research, Badnera

2021-2022

AUTOMATIC STAMPING, PUNCHING AND STAPLING MACHINE

A PROJECT REPORT

Submitted by

Mr. Nikhil A. Rajas

Mr. Om P. Khairkar

Mr. Pranay S. Mungle

Mr. Arjun C. Waghmare

Mr. Chetan R. Sadafale

Ms. Vaishnavi S. Kokane

Under the guidance of

Prof. A. V. Kadu

in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

in

MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project entitled

AUTOMATIC STAMPING, PUNCHING AND STAPLING MACHINE

Submitted by

Mr. Nikhil A. Rajas

Mr. Pranay S. Mungle

Mr. Chetan R. Sadafale

Mr. Om P. Khairkar

Mr. Arjun C. Waghmare

Ms. Vaishnavi S. Kokane

Is a bonafide work and has been successfully completed under my guidance. This project report is submitted in the partial fulfilment of the requirement for the award of the degree of bachelor of engineering in mechanical engineering, Sant Gadge Baba Amravati University, Amravati, during the academic year 2021 - 22.



Prof. A. V. Kadu

Guide

Department of Mechanical Engineering,
P.R.M.I.T. & R, Badnera



Prof. Dr. A. D. Shirbhate

Head

Department of Mechanical Engineering,
P.R.M.I.T. & R, Badnera



Department of Mechanical Engineering
Prof. Ram Meghe Institute of Technology & Research, Badnera.
(Session 2021 - 22)

DESIGN AND ANALYSIS OF PROPELLER SHAFT WITH COMPOSITE MATERIALS

**For the Degree of
Master of Engineering in *CAD-CAM***

**Submitted to Sant Gadge Baba Amravati University
Amravati (M.S.)**

By

VAIBHAV D. LOKHANDE

Under the guidance of

Dr. S. G. BHALEY

(Professor)



Department of Mechanical Engineering

**Prof. Ram Meghe Institute of Technology & Research
Maharashtra State, India**

2021-2022

CERTIFICATE

This is Certify that the dissertation work entitled

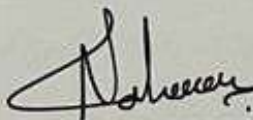
**Modelling and FEA of housingsless stand
hot rolling mill for production of TMT
steel bars.**

Submitted by

MR. PRATIK C. DHUMATKAR

Submitted in the partial fulfilment of the requirements
for the award of the degree of Master of Engineering
In

Mechanical Engineering CAD/CAM
of **Sant Gadge Baba Amravati University, Amravati**
Embodies original work carried out by him.



DR. N. S. POHOKAR

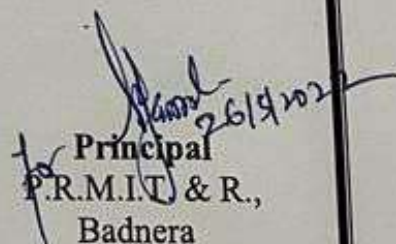
Guide

Department of Mechanical Engineering,
P.R.M.I.T. & R., Badnera.



Head

Department of Mechanical Engineering,
P.R.M.I.T. & R., Badnera.



Principal
P.R.M.I.T. & R.,
Badnera

Department of Mechanical Engineering
Prof. Ram Meghe Institute of Technology & Research, Badnera,
Amravati (M.S.) India
2021-22

DISSERTATION ON

**Modelling and FEA of housingless stand
hot rolling mill for production of TMT
steel bars.**

Submitted in partial fulfilment of the
Requirement for the degree of

**Master of Engineering
In
Mechanical Engineering CAD/CAM**

**BY
MR. PRATIK C. DHUMATKAR**

Under the guidance of
DR. N. S. POHOKAR



**DEPARTMENT OF MECHANICAL ENGINEERING,
PROF. RAM MEGHE INSTITUTE OF TECHNOLOGY & RESEARCH,
BADNERA, AMRAVATI.**

**SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI.
M.S. (INDIA)**

CERTIFICATE

This is to certify that the project entitled

DYNAMIC ANALYSIS OF CRACKS IN COMPOSITE MATERIALS

Submitted by

Mr. Manish Dhakulkar

is a bonafide work and has been successfully completed under my guidance. This project report is submitted in the partial fulfillment of the requirement for the award of the degree of Master of Engineering in Mechanical Engineering, Sant Gadge Baba Amravati University, Amravati, during the academic year 2021-22.

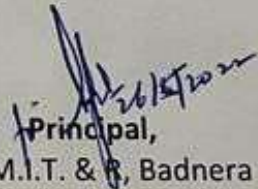


Prof. Dr. S.S. Deshmukh
Guide

Department of Mechanical Engineering,
P.R.M.I.T. & R, Badnera


Head

Department of Mechanical Engineering,
P.R.M.I.T. & R, Badnera


Principal,

P.R.M.I.T. & R, Badnera



Department of Mechanical Engineering
Prof. Ram Meghe Institute of Technology & Research, Badnera

**DYNAMIC ANALYSIS OF CRACKS IN COMPOSITE
MATERIALS**

A DISSERTATION

Submitted by

Mr. Manish Dhakulkar

Under the guidance of

Prof. Dr. S. S. Deshmukh

in partial fulfillment for the award of the degree of

MASTER OF ENGINEERING

in

MECHANICAL ENGINEERING



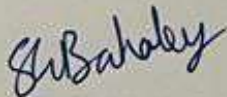
Department of Mechanical Engineering
Prof. Ram Meghe Institute of Technology & Research, Badnera
MAY 2022

CERTIFICATE

This is to certify that the Dissertation Report entitled, "DESIGN AND ANALYSIS OF PROPELLER SHAFT WITH COMPOSITE MATERIALS", which is being submitted herewith for the award of Degree of Master of Engineering in CAD-CAM. of Prof. Ram Meghe Institute of Technology & Research Amravati. This is the result of the original research work and Contribution by Vaibhav D. Lokhande under my supervision and guidance. The work embodied in this dissertation report has not formed earlier for the basis of the award of any degree or compatible certificate or similar title of this for any other diploma/examining body or university to best of knowledge and belief.

Place: Amravati

Date: 15/06/22



Dr. S. G. Bahaley

Guide
Department of Mechanical
Engineering



Dr. A. D. Shirbhate

Head
Department of Mechanical
Engineering

Head
Deptt. of Mechanical Engineering,
P.R.M.I.T. & R. Badnera



Principal

P.R.M.I.T. & R, Badnera