This is to certify that Mr. Balkrishna B Andhale has successfully completed Industrial Training during the period from 28.11.2018 to 29.12.12018 in our Industry as a Fulfillment of Degree of Bachelor of Technology in Mechanical. He was trained in the field of High Pressure Die Casting and Machining operations.

Meadlas Aurangula

Signature & Seal of Training Manager



Shreeyash College Of Engineering And Technology, Aurangabad

Certificate



#### CERTIFICATE

This is to certify that the Project report emitted
"ENERGY CONSERVATION AND IMPROVEMENT OF THE POWER FACTOR."
Submitted by

PADRYE AKASH SHRIHARI (Roll No.-31136) PETHE ANAND VAIRNATH. (Roll No.-31140)

has completed as per the requirement of Dr.Bahasaheb

Ambedkar Marathwada University in partial fulfilment for mini project of degree B.E.

(Mechanical)

Mini-Project Incharge Prof. K. T. Patil Head of Department

Prof. G. S. Dhage

Dr. R. S. Pawar



# Printwell International Pvt. Ltd.



PRE-PRINTAL PRINTAL PRINTAL PRINTERS

Dt. 11" June 2019

## TO WHOM IT MAY CONCERN

Project completion certificate

Name of project : Energy bill it reduce 50%

College Name : Shreeyosh College of Engineering & Technology Aurungabad.

#### Project team:

- Mr. Padhye Akash S.
   Mr. Mugale Avinash B.
   Mr. Pethe Anand V.

This is to certify that the team has successfully completed project. from 25/12/2018 to 01/02/2019. They are suggested installation of capacitor bank. Our power factor of industry was increase.

All the necessary details were provided from our side for establishment of the project.

We wish the team very best in all their future endeavors.



Regards

Printwell International pvt. Ltd.

Chikalthana Aurangabad.

This is to certify that Mr. Abhileet B Biradar has successfully completed Industrial Training during the period from 28.11.2018 to 29.12.12018 in our Industry as a Fulfillment of Degree of Bachelor of Technology in Mechanical. He was trained in the field of High Pressure Die Casting and Machining operations.

Signature & Seal of Training Manager



Shreeyash College Of Engineering And Technology, Aurangabad

Certificate



#### CERTIFICATE

This is to certify that the Project report emitted
"ENERGY CONSERVATION AND IMPROVEMENT OF THE POWER FACTOR."
Submitted by

PADRYE AKASH SHRIHARI (Roll No.-31136) PETHE ANAND VAIRNATH. (Roll No.-31140)

has completed as per the requirement of Dr.Bahasaheb

Ambedkar Marathwada University in partial fulfilment for mini project of degree B.E.

(Mechanical)

Mini-Project Incharge Prof. K. T. Patil Head of Department

Prof. G. S. Dhage

Dr. R. S. Pawar



# Printwell International Pvt. Ltd.



PRE-PRINTAL PRINTAL PRINTAL PRINTERS

Dt. 11" June 2019

## TO WHOM IT MAY CONCERN

Project completion certificate

Name of project : Energy bill it reduce 50%

College Name : Shreeyosh College of Engineering & Technology Aurungabad.

#### Project team:

- Mr. Padhye Akash S.
   Mr. Mugale Avinash B.
   Mr. Pethe Anand V.

This is to certify that the team has successfully completed project. from 25/12/2018 to 01/02/2019. They are suggested installation of capacitor bank. Our power factor of industry was increase.

All the necessary details were provided from our side for establishment of the project.

We wish the team very best in all their future endeavors.



Regards

Printwell International pvt. Ltd.

Chikalthana Aurangabad.



# NIRMAL TECHNOCRATS

Mfg.of Matt.Handling Eqpts, Gonveyors, Licenced Electrical Contractor & Febrication Contractor

> C -01, MIDC Waluj, Aurangsteid 431 136 . nirmettarfinocrate@rediffinat.com .

Ref: NT/Cert/1819/0101 December 31, 2018

## IN-PLANT TRAINING CERTIFICATE

## To whom so ever it may concern

This is to certify that Mr. Rohan Prabhu Bhojane has undergone In-Plant training with our organization satisfactorily. The details are as follows.

Name.

Rohan Prabhu Bhojane

Name of College:

Shreeyash College of Engineering & Technology,

Aurangabad

Qualification:

Studying in Second Year of Engineering (Mech)

Duration

15/12/2018 to 30/12/2018

Remarks:

Behaviour & conduct is Good, Sincere & Hardworking

For Nirmal Technocrats,

Authorized Signature





Shreeyash College Of Engineering And Technology, Aurangabad

Certificate



#### CERTIFICATE

This is to certify that the Project report emitted
"ENERGY CONSERVATION AND IMPROVEMENT OF THE POWER FACTOR."
Submitted by

PADRYE AKASH SHRIHARI (Roll No.-31136) PETHE ANAND VAIRNATH. (Roll No.-31140)

has completed as per the requirement of Dr.Bahasaheb

Ambedkar Marathwada University in partial fulfilment for mini project of degree B.E.

(Mechanical)

Mini-Project Incharge Prof. K. T. Patil Head of Department

Prof. G. S. Dhage

Dr. R. S. Pawar



# Printwell International Pvt. Ltd.



PRE-PRINTAL PRINTAL PRINTAL PRINTERS

Dt. 11" June 2019

## TO WHOM IT MAY CONCERN

Project completion certificate

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College Name : Shreeyosh College of Engineering & Technology Aurungabad.

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   Mr. Pethe Anand V.

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We wish the team very best in all their future endeavors.



Regards

Printwell International pvt. Ltd.

Chikalthana Aurangabad.

# Nitesh enterprises

DINDE UDYOG BHAWN D-51 GALA NO. -14, MIDC WALUI AURANGABAD -431136

E-MAIL: rupesenter@rediffmail.com

Ph no. cell no. 09881243938,09881003938

Mfg precious plastic mouldings, tool dies, jig and fixture,

VMC & ALL TYPES OF TOOL JOB WORKS

DATE:30.12.18

## TO WOHM IT MAY CONCERN

This is to certify that MISS. SNEHA SAWRKAR has completed her IN PLANT TRAINING successfully in our organization for the partial fulfillment of her B.Tech II YEAR degree foe a period starting from 15.12.18 to 30.12.18

During this period she had uendergone training process management and shown an exemplary attitude and approach.

Whishing her the very best forever.

Technical Director

PROPRIETOR

# A REPORT ON THE INDUSTRIAL IN-PLANT TRAINING AT



# Aurangabad Electricals Private Limited Plant 3 HPDC.

By,
Hemant Ashok Gandhi
TE Mechanical Engineering
SYCET, Aurangabad.

Under guidance of,

. S. Majumdar sir.

IHR.

S. Shimple sir

(SYCET, Teacher Guide)

· S. Bhale sir.

( Quality Head)

(mechanital)



Date: 15 Jan 2019

# TO WHOM SO EVER IT MAY CONCERN

This is certify that Mr. Ashish Bhagwan Rakde student of Shreeyash collage of Engineering and Technalogy, Aurangabad has successfully completed In-plant training in our plant from 15 Dec 2018 to 15 Jan 2019.

We have found him to be sincere, dedicated, discipline and hard working he worked well as part of a team during his tenure. We wish him all the best for his future endeavors.

FOR EXTRON PEB SOLUTIONS,

EXTRON PEB SOLUTIONS PVILTD.

DIRECTOR



Office & Company: Gat No. 24, Bhendala Shivar, Nagar High way, Gangapur Phata, Tq. Gangapur, Dist. Aurangabad. Contact: +919860636265, +91992322888 E-mail: extronpeb@gmail.com Visit Us: www.extronpeb.com

Date: 15 Jan 2019

#### TO WHOM SO EVER IT MAY CONCERN

This is certify that Mr. Srijith Shreekumar Pillai student of Shreeyash collage of Engineering and Technology, Aurangabad has successfully completed In-plant training in our plant from 15 Dec 2018 to 15 Jan 2019.

We have found him to be sincere, dedicated, discipline and hard working he worked well as part of a team during his tenure. We wish him all the best for his future endeavors.

FOR EXTRON PEB SOLUTIONS,

EXTRON PER SOLUTIONS PVT.LTD.

DIRECTOR



Office & Company: Gat No. 24, Bhendala Sharar, Negar High way, Gangapur Phata, Fq. Gangapur, Dist. Aurangablet. Contact: +919860636265, +91992322888. E-mail: extronpebi@gmail.com. Visit sig. where authorities com.

Date: 15 Jan 2019

## TO WHOM SO EVER IT MAY CONCERN

This is certify that Mr. Imran Shaikh Asmal Shaikh student of Shreeyash collage of Engineering and Technalogy. Aurangabad has successfully completed In-plans training in our plant from 15 Dec 2018 to 15 Jan 2019.

We have found him to be sincere, dedicated, discipline and hard working he worked well as part of a team during his tenure. We wish him all the best for his future endeavors.

FOR EXTRON PEB SOLUTIONS.

EXTRON PEB SOLUTIONS PVILITU.

DECTOR



Office & Company: Gat No. 24, Bhendala Shivar, Nagar High way, Gangapur Phata, Tq. Gangapur, Dist. Aurangabad. Contact: +919860636265, +91992322888 E-mail: extronpeb@gmail.com Visit Us: www.extronpeb.com

Date: 15 Jan 2019

## TO WHOM SO EVER IT MAY CONCERN

This is certify that Mr. Imran Vajir Shaikh student of Shreeyash collage of Engineering and Technology, Aurangabad has successfully completed In-plant training in our plant from 15 Dec 2018 to 15 Jan 2019.

We have found him to be sincere, dedicated, discipline and hard working he worked well as part of a team during his tenure. We wish him all the best for his future endeavors.

FOR EXTRON PEB SOLUTIONS,

EXTRON FEB SOLUTIONS PVILITA.

DIRECTOR

# Shreeyash College of Engineering & Technology Satara Parisar, Beed By-Pass Road, Aurangabad - 431 010 (M.S.)



# **Industrial Report**

On

# "SWAJIT ENGINEERING PVT. LTD."

## Submitted By :-

- 1) GANESH U. WANKHEDE
- 2) DATTA V. JADHAV
- 3) SANDIP Y. PAWAR
- 4) SACHIN H. MORE

Has Completed the Industrial Training (15 days) In SWAJIT ENGINEERING PVT. LTD, A'BAD During Vacation.

GUIDE

PROF. S. SHIMPLE

PROF.G.S.DHAGE

# Shreeyash College of Engineering & Technology Satara Parisar, Beed By-Pass Road, Aurangabad - 431 010 (M.S.)



# **Industrial Report**

On

# "SWAJIT ENGINEERING PVT. LTD."

## Submitted By :-

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- 3) SANDIP Y. PAWAR
- 4) SACHIN H. MORE

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GUIDE

PROF. S. SHIMPLE

PROF.G.S.DHAGE

# Shreeyash College of Engineering & Technology Satara Parisar, Beed By-Pass Road, Aurangabad - 431 010 (M.S.)



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GUIDE

PROF. S. SHIMPLE

PROF.G.S.DHAGE

# Shreeyash College of Engineering & Technology Satara Parisar, Beed By-Pass Road, Aurangabad - 431 010 (M.S.)



# **Industrial Report**

On

# "SWAJIT ENGINEERING PVT. LTD."

## Submitted By :-

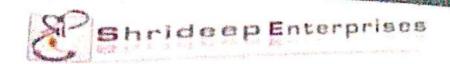
- 1) GANESH U. WANKHEDE
- 2) DATTA V. JADHAV
- 3) SANDIP Y. PAWAR
- 4) SACHIN H. MORE

Has Completed the Industrial Training (15 days) In SWAJIT ENGINEERING PVT. LTD, A'BAD During Vacation.

GUIDE

PROF. S. SHIMPLE

PROF.G.S.DHAGE



Ref.SD/EMP/2018-19

Date: 07/01/2019

Ref. College Letter Date 24/12/2018

## CERTIFICATE

This is to certify that, Mr.Atul Permeshwar Chatse, the student of academic year 2018-19 Second year Mechanical Engineering of Shreyash College of Engineering & Technology Aurangabad has taken implant Industrial Training (Internship) in our factory during period from 25/12/2018 to 05/01/2019

For Shrideep Enterprises



Plot No. X -155/ 8, Near Indraprast Hanuman Mandir, Front of Akar Tools, Indraprast Co Bajaj Nagar, MIDC Waluj Aurangabad -431136

E-mail: shrideep.prakash@gmail.com | Tel:0240-2559915



# Harman Finochem Ltd.

ACTORY: PLOT NO. A-100, MIDS INDUSTRIAL AREA, SHENDRA, AURANGABAD-431 007, INDUA:

Date:-29th Dec.2018

## TO WHOM SOEVER IT MAY CONCERN

This is to certify that Mr. Krishna Laxmanrao Dhage a student of Shreyash collage of Engineering and Technology, Auarangabad. has successfully completed 15 day (15<sup>th</sup> Dec. 2018 to 30<sup>th</sup> Dec. 2018) internship programme at this plant. During the period of his internship programme with us, he found punctual, hardworking and inquisitive.

We wish him every success in life.

For Harman Finochem Ltd.

**Authorized Signatory** 



# Harman Finochem Ltd.

FACTORY: PLOT NO. A-100, MIDS INDUSTRIAL AREA, SHENDRA, AURANGABAD-431 007, INDIA.
PH.: +91 (240) 2622001 / 6605500/ 6605580 • TELEFAX+91 (240) 2622002 • Mail:info@barmagfinochem.cd

## TO WHOM SOEVER IT MAY CONCERN

This is to certify that Mr. Omkar Digambar mate a student of Shreyash collage of Engineering and Technology, Auarangabad. has successfully completed15 day(15<sup>th</sup> Dec.2018 to 30<sup>th</sup> Dec.2018) internship programme at this plant.

During the period of his internship programme with us, he found punctual, hardworking and inquisitive.

We wish him every success in life.

For Harman Finochem Ltd.

**Authorized Signatory** 

DR. BABASAHEB AMBEDKAR TECHNOLOGICALUNIVERSITY, AURANGABAD



Industrial report

On

# **BLG LOGISTICS & PAREKH GROUP**

Submitted by:-

## 1) ADINATH DASHRATH KSHIRSAGAR

Has completed the compulsory industrial training (15 days ) in BLG logistics in Aurangabad during vacation.

GUIDE

PROF. S.SHIMPLE

PROF. G. S. DHAGE

PRINCIPAL

DR. R. S. PAWAR

## TO WHOM SO EVER IT MAY CONCRN

This is to certify that Mr. Pratik Laxmikant lekurwale Student of Mechanical engineering of 2<sup>rd</sup> Year from Shreyas College of Engineering has successfully completed his in plant training started from 14.12.2018 to 28.12.2018 at our organization.

During his training period we found he is very sincere.

We wish him good luck for his future endeavor.

For BLG Parekh Logistics Pvt. Ltd

Authorised Signatory

77777

-

3

3

-

2

DR. BABASAHEB AMBEDKAR TECHNOLOGICAI UNIVERSITY, AURANGABAD



Industrial report

On

# **BLG LOGISTICS & PAREKH GROUP**

Submitted by:-

## 1) PRATIK LAXMIKANT LEKURWALE

Has completed the compulsory industrial training (15 days ) in BLG logistics in Aurangabad during vacation.

GUIDE

PROF. S.SHIMPLE

PROF. G. S. DHAGE

PRINCIPAL

DR., R. S. PAWAR

# A REPORT ON THE INDUSTRIAL IN-PLANT TRAINING



ENDURANCE TECHNOLOGY LTD. DISC BREAK PLANT, WALLI MIDC, AURANGABAD.

By

Pavan Babasaheb Gite

SE-B Mechanical Engineering.

SYCET, Aurangabad

#### Under guidance of,

. T bhargodeo sir.

[H. R]

· A Dahade sir,

(Quality Head)

. S. Shimple sir,

(SYCET Teacher guide)

G. Dhage Sir.

(HOD Mechanical)

# Shreeyash Pratishthan's Shreeyash College of Engineering & Technology Satara Parisar, Beed By-Pass Road, Aurangabad - 431 010 (M.S.)



Industrial Report

On

# "VIDEOCON INDUSTRIES LTD."

Submitted By :-

1) KRISHNA DHONDIRAM MALKALPATTE

Has Completed the Industrial Training (15 days) in VIDEOCON INDUSTERIES LTD , MUMBAI During Vacation.

GUIDE

PROF. S. SHIMPLE

PROF.G.S.DHAGE

PRINCIAL



30.12.2018

## CERTIFICATE

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr. Malkalpatte Krishna Dhondiram he has working. In our organization since 15<sup>th</sup> Dec 2018 to 30<sup>th</sup> Dec 2018. Working in as a \*Trainee Engineer!".

From the services on his own accord and for his better prospects, and neach during the tenure of service, he was found hard working, sincere and honest. He bears a good moral character.

We wish him success in all future endeavors.

Thanking You,

ecesseeee in the

Yours Faithfully,

For Videocon Industries Ltd.

Authorized Signatory

VIDEOCON INDUSTRIES LIMITED

Today to the same of the same

A Justine Grade, 27th Tomas have Grade Transfer annual Control of the Control of



# SHREEYASH COLLAGE OF ENGINEERING & TECH AURANGABAD



This is to certify that Implant Training Report of

## "PREM INTERPRISES WALUJ MIDC."

Has been submitted by following students in second year Mechanical Engineering for the partial fulfilment of B. TECH MECHANICAL ENGINEERING" of Babasaheb Ambedakar Technologycal University, Lonere, is record of their own work carried out by them during academic session 2018-2019

#### Submitted By

Mr. Akash Rathod

Mr. Akash dande

Mr. Wakle Nitin

Mr. Vikas Prasad

Mr. Manoj phalke

Under the Guidance of

Prof.Shimple Sir.

(Principal)

(Department of Mechanical Engineering)

(S.Y.C.E.T Aurangabad)



# SHREEYASH COLLAGE OF ENGINEERING & TECH AURANGABAD



This is to certify that Implant Training Report of

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#### Submitted By

Mr. Akash Rathod

Mr. Akash dande

Mr. Wakle Nitin

Mr. Vikas Prasad

Mr. Manoj phalke

Under the Guidance of

Prof.Shimple Sir.

(Principal)

(Department of Mechanical Engineering)

(S.Y.C.E.T Aurangabad)



This is to certify that the project report entitled

# "Pneumatic Collar Assembly Machine"

## Submitted by

1. Madhuri J. Kulkarni

3. Gopinath K. Rathod

2. Hemant A. Gandhi

4. Swapnil K. Kathar

We has completed as per the requirement of Dr. Babasaheb Ambedkar Marathwada University in partial fulfilment of degree

B.E. (Mechanical)

Prof. G. S. Dhage

Prof. G. S. Dhage

Head of Department

Dr. R. S. Pawar

Department of Mechanical Engineering

Shreeyash College of Engineering and Technology, Aurangabad

Year 2018-19.



This is to certify that the Project report entitled

## Design and Development of Chassis Model for BAJA ATV

#### Submitted by

- 1) Thombare Sachin S. (Roll No.41234)
- 2) Bachhav Samadhan S. (Roll No.41104)
- 3) Jadhav Aniket B. (Roll No.41109)
- 4) Khandare Mukesh V. (Roll No.41225)

5) Kulkarni Mahesh M. (Roll No.

6) Shinde Revnath B. (Roll No. 41237)

Has completed as per the requirement of Dr. Babasahob Ambedkar Marathwada University in partial fulfilment of degree of Bachelor of Engineering (Mechanical Engineering)

Prof. N.S. Dongare

Guide

Prof. G.S. Dhage

Head of Department

r. R.S. Pawai

Principal

Department of Mechanical Engineering

Shreeyash College of Engineering & Technology, Aurangabad.

Academic Year 2018-19



This is to certify that the Project report entitled 
"Design and Development of Rear Suspension system for BAJA ATV"

Submitted by

Khilare Shantanu Rajesh

Bramhane Krishna Mahadu

Kendre Sachin Venkatrao

Jadhav Mangesh Ashok

Pawar Santosh Damaodhar

Kamble Sandeep Abhimanyu

Salunke Yogesh Parmeshwar

Has completed as per the requirement of **Dr.Babasaheb**Ambedkarmarathwada University in partial fulfilment of degree

B.E. (Mechanical)

Guide

Prof. D A Deshmukh

Head of Department

Prof. G S Dhage

Dr. R.S Pawar

Department of Mechanical Engineering S.Y.C.E.T. Aurangabad Year 2018-19





This is to certify that the project report entitled

"Design and Development of Knuckle Joint of BAJA ATV"

### Submitted by

- 1) Akshay Humbe
- 3) Abhijit Pagar
- 5) Avishkar Jadhav
- 7) Saurabh Phand

- 2) Akash Tribhuvan
- 4) Jitendra Zirpe
- 6) Akshay Jaiswal

Has Completed as per the requirement of Dr. Babasaheb Ambedkar Marathwada university in partial fulfillment of degree of Bachelor of Mechanical Engineering

Department of Mechanical Engineering

Shreeyash College of Engineering & Technology, Aurangabad

. Karadkhele

Guide

Year 2018-19

Prot. S. Dhage

H.O.D.

r. R. S. Pawar

Principal



This is to certify that the Project report entitled
"Design and Development of Engine Mounting and Gear Box for BAJA
ATV"

## Submitted

By

- 1. Wani Madhusudan Narayan (41139)
- 2. Patil Amit Anil (41240)
- 3. Akolkar Rameshwar Bhausaheb (41103)
- 4. Sahane Balu Dadarao (41244)
- 5. Birajdar Rahul Pradip (41202)

Has completed as per the requirement of

Dr. Babasaheb Ambedkar Marathwada University

in partial fulfilment of degree B.E. (Mechanical)

Prof. A. S. Adkine

Head of department

Prof. G. S. Dhage

Dr. R. S. Pawar

Department of Mechanical Engineering

S.Y.C.E.T. Aurangabad

Year 2018-19.



This is to certify that the project report report entitled

# "DESIGN OF WHEEL HUB ASSEMBLY FOR ATV VEHICLE"

Submitted by

KADAM SURAJ S (428010433)

PAGARE SHUBHAM D (428010717)

SHINDE BANDU K (428010961)

KSHIRSAGAR SANKET J (428010544)

**SAKALKAR MAYUR H (428010874)** 

MISAL SATYAM B

MADNURE VIVEKANAND

has completed as per the requirement of Dr. Babasaheb

Ambedkar Marathwada University in partial fulfilment of degree

Drof D A Dechmukh

Guide

B.S. (Muchanical)

109/

Dr. R. S. Pawar

Principal

Department of Mechanical Engineering
Shreeyash College of Engineering and Technology, Aurangabad

Year 2018-19.



# This is to certify that the project report entitled

# "Design and Development of Power Transmission Line and NVH Control System for BAJA ATV"

# Submitted by

1) Kasbe Abhilash	2) Pratik Pawar	3) Pavan Dhakne	
4) Pawankumar Kamble	5) Badrinath Katte	6) Parvez Pathan	

Has completed project as per the requirement of

Dr. Babasaheb Ambedkar Marathwada University

In fulfillment of degree B.E. (Mechanical)

Prof. K. T. Patil Guide

Prof. G.S. Dha

H.O.D

Department of Mechanical Engineering

Shreeyash College of Engineering & Technology, Aurangabad

2018-19



This is to certify that the Project report entitled 
"Design and Development of Efficient Braking system for BAJA ATV"

Submitted by

Aneesh Jayashankar

Jadhav Ganesh

Aslam Pathan

Chavan Avinash

Dike Akash

Abhange Vishal

Harkal Gopal

Has completed as per the requirement of Dr.Babasaheb

Ambedkar marathwada Colversity in partial fulfilment of degree

B.E. (Mechanical)

Tinide

Prof. V W Patil

Head of Departmen

Prof. G S Dhage

Dr. R S Pawar

Department of Mechanical Engineering

S.Y.C.E.T. Aurangabad



This is to certify that the project report entitled .

"Design, analysis and manufacturing of two stage reduction gearbox for ATV"

# Submitted by

DSHUBHAM BHUJBAL 2)JITENDRA CHAVAN

3)LALIT CHOBE

4)AKSHAY BABREKAR

5)GOVINDA THOTE

6)VIVEKSINGH JARVAL

7)AVINASH RATHOD

8)ANIKET, THORAT

9)ALIM ANSARI

10)NARAYAN ARBAD

11)SACHIN TEKALE

12)MOHIT KANNAMWAR

Has completed project as per the requirement of

Dr. BabasahebAmbedkarMarathwada University

In fulfillment of degree B.E. (Mechanical)

Prof. K. T. PATIL

Guide

rof. G.S. Inage

Dr. R. S. Pav

Principal

Department of Mechanical Engineering

Shreeyash College of Engineering & Technology, Aurangabad



This is to certify that the project report entitled

"Design and manufacturing of an effective steering system for all terrain vehicle"

# Submitted by

Sumit Chaudhari

**Akash Patil** 

Sagar Lone

Satish Bedwal

Kaustubh Khadse

Has completed project as per the requirement of

Dr. BabasahebAmbedkarMarathwada University

In fulfillment of degree B.E. (Mechanical)

Prof. N. M. Kathar Guide

Prof. G.S. Dhage H.O.D.

Dr. R. S. Pawar

Shreeyash College of Engineering & Technology, Aurangabad

Department of Mechanical Engineering



# This is to certify that the project report entitled

"Design, analysis and manufacturing of an all-terrain vehicle (ATV) chassis"

Submitted by

1) NITESH TUPSAGAR

2) JAYESH CHAVAN

3)PRASHANT JAISWAL

4)AMOL THORAT

5) OMPRAKASH NAIR

Has completed project as per the requirement of

Dr. Babasaheb Ambedkar Marathwada University

In fulfillment of degree B.E. (Mechanical)

Prof. G.S. Dhage

Prof. G.S. Dhage

Dr. R. S. Pawar Principal

Department of Mechanical Engineering

Shreeyash College of Engineering & Technology, Aurangabad



## This is to certify that the project report entitled

# Design, analysis and manufacturing of Double Wishbone Suspension System of ATV Submitted by

- (1) Dandgavhal Tejas Anil (428011043)
- (2) Chaudhari Kanchan Pramodrao (41205)
- (3) Patil Mayur Shivaji (428010761)
- (4) Mundhe Akash Vishwambhar (428010669)
- (5) Kadam Rohit Shivaji (428010430)
- (6) Chavan Sagar Rajendrasingh (428010164)
- (7) Ghorband Yogesh Gangadhar (428010292)

Has completed project as per the requirement of Dr. Babasaheb Ambedkar Marathwada University

In fulfillment of degree B.E. (Mechanical Engineering)

Prof. N. S. Dongare

Guide

Prot G.S. Dhage

H.O.D.

Dr. R. S. Pawar

Principal

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# This is to certify that the project report entitled

"Design, analysis and manufacturing of an all-terrain vehicle (ATV) chassis"

Submitted by

1) NITESH TUPSAGAR

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3)PRASHANT JAISWAL

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# This is to certify that the project report entitled

# "Design and manufacturing of an effective steering system for All terrain vehicle"

# Submitted by

Sumit Chaudhari

**Akash Patil** 

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This is to certify that the project report entitled

"Major Project on LPG Refrigerator"

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# This is to certify that the Project report entitled "Design and Development of Efficient Braking system for BAJA ATV"

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# This is to certify that the projectreport entitled

# "HEAT LOAD CALCULATON AND DUCT DESIGN FOR MECHNICAL DEPTARMENT (SYCET)"

# Submitted by

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This is to certify that the project report entitled

"Design and Development of Knuckle Joint of BAJA ATV"

# Submitted by

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- 3) Abhijit Pagar
- 5) Avishkar Jadhav
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# "Design And Development Of Split Dessert Cooler For Humidity Control"

# CERTIFICATE

This is to certify that the project report entitled

# Submitted by

- 1) Amar Dhanshette(421080219)
- 3) Sachin Dhakne (428010214)
- 2) Vikas Jadhav (428010384)
- 4) Suresh Doifode (428011793)

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This is to certify that the project report entitled

# "MODIFICATION IN PROFILE BENDING MACHINE"

Submitted by

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This is to certify that the Project report entitled
"Design and Development of Engine Mounting and Gear Box for BAJA

ATV"

#### Submitted

By

- 1. Wani Madhusudan Narayan (41139)
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This is to certify that the project report entitled

# "MODIFICATION IN PROFILE BENDING MACHINE"

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# "Design And Development Of Split Dessert Cooler For Humidity Control"

# **CERTIFICATE**

This is to certify that the project report entitled

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# This is to certify that the Project report entitled "Design and Manufacturing of an optimize steering system for All-Terrain Vehicle"

Submitted by

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# This is to certify that the project report entitled

# "Design and Development of Power Transmission Line and NVH Control System for BAJA ATV"

# Submitted by

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