

This is to certify that the project entitled

"PENDULUM OPERATED WATER PUMP"

Submitted by

Burange Dnyaneshwar Sahebrao (4150)

Rathod Nitin Pandharinath (4151)

Karpe Nagesh Narayan (4153)

Is completed as per the requirements of the Dr. Babasaheb Ambedkar Marathwada University in partial fulfillment of degree of B.E. (Mechanical)

For the academic year 2014-2015

Prof D A Deshmukh

Guide

Prof. A.V.Kulkarni

HMED

Principal

Department of Mechanical Engineering

SHREEYASH COLLEGE OF ENGINEERING AND TECHNOLOGY

AURANGABAD

YEAR 2014-2015

REPORT

ON

"DESIGN IMPROVEMENTS IN CENTRAL CHARGE MAKING AREA"

This project work has been carried out in Sanjeev Auto Group for the duration of 45 days from 5th June to 20th July

Submitted in the partial fulfillment of the requirements for the degree of

BACHELOR OF ENGINEERING (MECHANICAL)

By

MANGESH MOTIRAM AWASARMAL

And

NILESH RAJENDRA SHINDE

Under the Guidance of

Prof.Aviilash Karadkhele (Project Guide)

Mr. R.M. Jamkar (Production Manager) Mr. M. G. Shelke (Metallurgy Lab)

Mr. R. K. Singh (Plant Head)



This is to certify that the Project report entitled

"AIR CONDITIONING OPERATED ON WHEEL TORQUE"

Submitted By

- 1) VEDANT S. KALE. (41151)
- 2) AKSHAY M. CHAUDHARI. (41149)
- 3) CHANDRAKANT N. IBITWAR. (41117)
- 4) ANANT S. KHANDAGALE. (41148)
- 5) YOGESH S. THORAT. (41147)

Has completed as per the requirement of

DR. BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY AURANGABAD

In partial fulfilment of degree of

BACHELOR OF MECHANICAL ENGINEERING

Prof. K.T.Patil

Guide

Prof. G.S. Dhage

HOD

-Dr. R. S. Pawar

Principal

Department of Mechanical Engineering

SHREEYASH COLLEGE OF ENGINEERING AND TECHNOLOGY

Year 2017-18



This is to certify that the project report switched

"Experimental investigation of performing of split cooling unit for rooms att conditioning."

Nationirtist by

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Dr. Babanabah Ambudkar Marathwada University

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Profes Cold Samon

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Elepsestaward of Manhanical Engineering

througast Culture of Engineering & Technology, Aurunquitud

Year 1017-18



This is to certify that the project report entitled

"Experimental investigation of performing of split cooling unit for room air conditioning."

Submitted by

1)DIPAK MHASKE 2)AJINATH SALVE 3)NILESH SAPKAL 4)GOPAL JADHAV

Has completed project as per the requirement of

Dr. BabasahebAmbedkarMarathwada University

In fulfillment of degree B.E. (Mechanical)

Principal

Department of Mechanical Engineering

Shreeyash College of Engineering & Technology, Aurangabad

Year 2017-18



This is to certify that the project entitled

Design and Fabrication of Bluetooth Control Pesticide Spraying Robot

Substantial by

Sugar Bomble

(425011379)

Tirmpati Kundgar

(41145)

Assol Charge

(4280) (1362)

Santoch Medan (41150)

has completed as per the requirement of Dr.Bahasaheh Amhedkar Marathwada University in partial fulfilment of degree Bachelot of Engineering (Mechanical)

For the academic year 2017-18

Conde

Head of Department

Principal

Department of Mechanical Engineering

Shreeyash Callege of Engineering and Technology, Aurangabad

Academic Year 2017-18



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In fulfillment of degree B.E. (Mechanical)

Department of Mechanical Engineering

Shreeyash College of Engineering & Technology, Anrangabad

Year 2017-18



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Prod K. T. Publi

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Phof. K.N. Dhage

110313

The R. S. Pawas

Principal

Department of Machanical Engineering

SHREEYASH COLLEGE OF ENGINEERING AND TECHNOLOGY

Year 2017-18



Works : Plot No. B-5 & 6, MIDC Area, Waluj, Aurangabad - 431 136. Phone (0240)2555334 Regd. Office: D - 39, MIDC, Waluj, Aurangabad - 431 136 Phone: (0240) 2555186/87, Fax: 2555337

Email: badve_agd@sancharnet.in

Ref BIT XVI/HR&A/516

Date: 28.06.2017

10.

The Principal,

Shreeyash College of Engineering and Technology.

SaturaParisar, Beed By pass road,

Amangabad. .

Subject: Permission regarding In-plant training cum project work activity.

Ref: Your letter dated 17.06.2017

Dear Sir.

This has reference to the above subject; the permission has been granted for in-plant training cum project work activity to your 03 nos, mechanical engineering third year students in which 02 nos. students from 27.06.2017 and 01 nos. student from 28.06.2017 on following terms and conditions.

the rules and regulations of the company regarding Safety & discipline are binding on the student and coordinators. Violation of any safety/disciplinary procedure resulted into termination/ discontinuation of the in plant training will effect immediately without any reason or explanation.

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training cum project work activity

List of the students/coordinators join in plant training on 27.06.2017& 28.06.2017 for 15 days. i.e. up to 11 & 12.07.2017 are as under,

Students Name - Jagdish Barde

Arif Shaikh

Narayan Arbad

DOI

27.06.2017

27.06.2017

28.06.2017

This is for your kind information and necessary formalities please. thanking you.

For, Badve Engineering Limited - XVI,

Gatnaparkhi

(MACO General Manager (HREA)



Works : Plot No. B-5 & 6, MIDC Area, Waluj, Aurangabad - 431 136. Phone (0240)2555334 Regd. Office: D - 39, MIDC, Waluj, Aurangabad - 431 136 Phone: (0240) 2555186/87, Fax: 2555337

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Email: badve_agd@sancharnet.in

Ref: BEL-XVI/HR&A/ 493

Date: 03.05.2017

To,
The Principal,
Shreeyash College of Engineering and Technology,
Satara Parisar, Beed By-pass road,
Aurangabad.

Subject: Permission regarding In-plant training cum project work activity.

Ref: Your letter dated 31.05.2017

Dear Sir,

With reference to the above subject, we are grant a permission for In-plant training cum project work activity to your 03 nos. mechanical engineering third year students from 05.06.2017 on following terms and conditions.

- Rules and regulations of the company strictly binding on the student. If any student violates our rules and regulations the company will terminate the in-plant training of the same.
- 2. Strictly follow all safety norms and rules regarding attendance of the company.
- 3. No any stipend or payment paid by company to the students.
- If any accident occurred Due to the misconduct or negligence of the student the company will not responsible because they will came here for training for their own.
- At the time of joining of In-plant training cum project work activity the college and students take undertaking to the company regarding above terms and conditions acceptance.

This is for your kind information and necessary formalities please. For, Badve Engineering Limited – XVI,

S. P. Ratnaparkhi



Works: Plot No. B-5 & 6, MIDC Area, Waluj, Aurangabad - 431 136. Phone (0240)2555334

Regd. Office: D - 39, MIDC, Waluj, Aurangabad - 431 136 Phone: (0240) 2555186/87, Fax: 2555337

Email: badve_agd@sancharnet.in

- Ref: BEL-XVI/HR&A/らりな

Date: 26.06.2017

To,

The Principal,

Shreeyash College of Engineering and Technology,

SataraParisar, Beed By-pass road,

Aurangabad.

Subject: Permission regarding In-plant training cum project work activity.

Ref: Your letter dated 17.06.2017

Dear Sir,

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5. Individual & College undertaking is must before entering in company premises for In plant

training cum project work activity

List of the students/coordinators join in plant training on 26.06.2017 for 15 days i.e. up to 10.07.2017 are as under,

Coordinators:	Prof. D. A. Deshmukh and Prof. G. N. Deshpande		
Students:	Akshay Jaiswal	Akash Dike	Santosh Shitole
	Ajinkya Sonpethkar	Chandrakant Surnar	Sachin Tekale
	Sagar Lone	Kaustubh Khadse	

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For, Badve Engineering Limited – XVI,

S. P. Ratnaparkhi



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For, Badve Engineering Limited – XVI,

S. P. Ratnaparkhi

DR. BABASAHEB AMBEDIKAR MARATHWADA UNIVERSITY AURANGABAD.



IN PLANT TRAINING REPORT

eccentilities,

ON

"CYCLE TIME REDUCTION OF NRB BORE GRINDING MACHINE"

RY

JOSHI RUSHIKESH VIVEK

HΝ

NRB INDUSTRIAL BEARINGS LTD. SHENDRA AURANGABAD

Under Guidance of

Prof. DEEPAK PAWAR

Submitted in partial fulfillment of the requirements for the degree of

BACHELOR OF MECHANICAL ENGINEERING

2017-2018

Department of Mechanical Engineering

SHREEYASH COLLEGE OF ENGINEERING AND TECHNOLOGY

AURANGABAD



This is certify that the In plant Truining entitled

Submitted by

JOSHI RUSHIKESH VIVEK

is completed as per the requirements of the Dr. Babasaheb Ambedkar Marathwada University in partial fulfillment of degree of B.E. (Mechanical)

For the Academic year 2017-2018

Mr. Sandesh Potnis Company Mentor GM (Improvements)

11111111111

Mr. Rajiv Moghe HR (Training)

Mr. Rajiv Kamat DGM (Production)

Prof. Deepak Pawar Guide

Prof. G.S. Dhage

HOD

Dr. R.S. Pawar

Principal



Works: Plot No. B-5 & 6, MIDC Area, Waluj, Aurangabad - 431 136. Phone (0240)2555334

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Email: badve_agd@sancharnet.in

- Ref: BEL-XVI/HR&A/らりな

Date: 26.06.2017

To,

The Principal,

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Aurangabad.

Subject: Permission regarding In-plant training cum project work activity.

Ref: Your letter dated 17.06.2017

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	Ajinkya Sonpethkar	Chandrakant Surnar	Sachin Tekale
	Sagar Lone	Kaustubh Khadse	

This is for your kind information and necessary formalities please. Thanking you.

For, Badve Engineering Limited - XVI,

S. P. Ratnaparkhi



Shreeyash College of Engineering and Technology Aurangabad.

CERTIFICATE

This is to certify that Mr. Shilote Santosh Ashok of B.E. (Mechanical Engineering) has completed his Industrial Training during the academic year 2017-2018 as partial fulfilment of the Mechanical Engineering course.

Class Teacher

Prof. N. M. Kathar

Guide

Prof. GN DESHPANDE DO

Prof. D A DESHMUKH

Prof. G. S. Dhage

Principal

Dr. R. S. Pawar



Works: Plot No. B-5 & 6, MIDC Area, Waluj, Aurangabad - 431 136. Phone (0240)2555334

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For, Badve Engineering Limited - XVI,

S. P. Ratnaparkhi



Department of Mechanical Engineering Shreeyash College of Engineering & Technology

CERTIFICATE

This is to certify that Mr. Bhagat Suresh Dnyaneshwar of B.E. (Mechanical Engineering) Roll no. 41108 has completed his Industrial Training during the academic year 2017-18 as partial fulfillment of the B.E (Mechanical Engineering) course.

Class Teacher

Prof. N.M. KATHAR

HOD

Prof. G.S. Dhage

Date:

Place: Aurungahud.

tules

Prof. D.D. Pawar

Principal

Dr. R.S. Pawar

Department of Mechanical Engineering Shreeyash College of Engineering & Technology

Self-assessment of Industrial Training

1. Name of student: : Bhagat Surrsh Dayaneshwar

2. Name and address of : Badve Engineering Limited Sponsoring

Plot No.B-5 & B-6, Waluj, A.bad. 431136

Maharashtra India.

3. Guide from Industry : A.S. Sonwane

4. Date of commencement

of Industrial Training : 5 June 2017

5. Number of days for training : 30

Dute:

Place: aurongehad

Signature of student

Suresh Doyaneshwar Bhagat



Works: Plot No. B-5 & 6, MIDC Area, Waluj, Aurangabad - 431 136. Phone (0240)2555334

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Email: badve_agd@sancharnet.in

- Ref: BEL-XVI/HR&A/らりな

Date: 26.06.2017

To,

The Principal,

Shreeyash College of Engineering and Technology,

SataraParisar, Beed By-pass road,

Aurangabad.

Subject: Permission regarding In-plant training cum project work activity.

Ref: Your letter dated 17.06.2017

Dear Sir,

This has reference to the above subject; the permission has been granted for In-plant training cum project work activity to your 08 nos. mechanical engineering third year students and 02 coordinators from 26.06.2017 on following terms and conditions.

 The rules and regulations of the company regarding Safety & discipline are binding on the student and coordinators. Violation of any safety/disciplinary procedure resulted into termination/ discontinuation of the in-plant training will effect immediately without any reason or explanation.

2. Concerned have to follow the safety norms& rules /instructions as well as discipline without

any deviation..

3. No stipend/ payment to the students/coordinators from company side.

4. As part of academic activity of student, we are permitting them for industrial visit purpose only & there will not be employee-employer relationship if they met with an accident in the course of academic period or out of the academic period. Accidental liabilities will be on the individual (Student) & on the college only & Company will not be party in any circumstances.

5. Individual & College undertaking is must before entering in company premises for In plant

training cum project work activity

List of the students/coordinators join in plant training on 26.06.2017 for 15 days i.e. up to 10.07.2017 are as under,

Coordinators:	Prof. D. A. Deshmukh and Prof. G. N. Deshpande		
Students:	Akshay Jaiswal	Akash Dike	Santosh Shitole
	Ajinkya Sonpethkar	Chandrakant Surnar	Sachin Tekale
	Sagar Lone	Kaustubh Khadse	

This is for your kind information and necessary formalities please. Thanking you.

For, Badve Engineering Limited - XVI,

S. P. Ratnaparkhi



Wome Die Nr. B.5 8 6, MIDC Arm, Water Autorigation - 431 136. Phone (0282)(2508334 flogd Diffee D. 19, AFDC, Water Autorigation - 431 136 Phone (0240) 258176687, Fax: 2550331 Email: 1000-0.pptQcorectured in

RET BELLEVISHRADISTA Date: 26 06 2017

The Principal

Stoneyalth College of Engineering and Technology.

Satara Farnar, Bend De poss resid.

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Subject, Permission organizing to plant training cum project wint actually But Your letter dated 17 bs 2017

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- 5. Intribut & College undertaking a must before entering in company promites for explant. scarning none property work activity.

birt of the students/coordinature one in plant training on 20.06.2017 for 15 days be lay to 10:07:2017 per #summe.

Coordinature	Pour, D. A. Destimath and Prof. G. N. Deshponde			
Students:	Markey Intowal	ALORDS	Sangosh Shitolin	
	Aperican Somethinan	Commission Summer	Naction To Ne	
	Sagar time	Sportable Deaths		

The index year kine before about and not every formation please.

For, Barby Engineering Limited - WVI.

OC. SIGNATURE STREET



Works: Plot No. B-5 & 6, MIDC Area, Waluj, Aurangabad - 431 136. Phone (0240)2555334

Regd. Office: D - 39, MIDC, Waluj, Aurangabad - 431 136 Phone: (0240) 2555186/87, Fax: 2555337

Email: badve_agd@sancharnet.in

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For, Badve Engineering Limited - XVI,

S. P. Ratnaparkhi



Plants: Plants: B-5-8 R, MIDC Area Wald, Aurengated: 431-138. Phone (0340)255619561334

Plant: D-38, MIDC, Wald, Aurengated: 431-138 Phone (0340)2556196607, Fax: 5585337

Email: honey, aprillation-homelie.

Ref. SEL XV(HRSA/S) 4 Date 26.00,2017

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Bed impai

Shortwesh College of Lagmonring and Ecchinings.

Sataruharray, Beed by pers road.

Aurargahan.

Subject: Permission regarding in plant training cure project work activity

Bef. Volus letter dated 17:06:2017

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- Concerned have to follow the safety mornels rates /warractions as well as discussed without little destation.
- 3 New Aligney of Justiment To the students A contrastives from company side.
- 4. As part of academic actuary of student, we are permitting them for movemer stud purpose stry & there will not be employee coupling retainments of they diet with an excident of the course of academic period or out of the scatterior period. Accidental habitities will be an the individual ("trudent) it on the college only 6 Company will out to party 4) any continuations.
- 5. Individual & College undertaking is must before entering in company promises for in plant framing cum prairie with activity.

Lot of the students/coordinators you in plant training on 26.06.2017 for 15 days on up to 10.07.2017 are as under.

Coordinators: Prof. D. A. Deshmokh and Prof. G. M. Deshpando

Students

Akshiry Januari Ajimbya Songerhikan

Oursitories Sunu Characteris Sunu Charles Shahe Santon Santon Samo Tekan

Price of fair your kind entermation and necessary formation global

Your Barden Singmoving Limited - XVI.

S. P. RECEIDED AT NO.

Arso General Manager (1915A)



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S. P. Ratnaparkhi



Worse: Part No. 9.5 & E. MCC Area, Wassi Avrangeond: 431 136 Prome (0240)2555334. Regd Office: D. 59, MCC, Worse, Avrangable: 431 136 Prome: (0240)2555186/67 Fev: 2565317. Ernet: hedve, applicance and to

Ref. BEL-XVI/HIIAA/石/今 Date: 26.09.2017

The Principal Shreeyesh College of Engineering and Technology, and Technology Satura Parisar, Seed By pass road, a second by both one of the last of the second Aurangabad.

Subject: Permission regarding to part training sum project work activity. Fort Your letter dated 17,06,2017

Deur Siron S

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- 3. The rules and representations of the company regarding Safety A decipling and binding on the student and cooldnature violation of any soletylescationry precedure resisted with terminately electropation of the insport training will office atmediately without any
- Yearning or explanation.

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- No stoperal payment to the students/coordinature from company side
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 - stemas cere project work artisty.

Est of the students coordinators pure in plant studing on 26.05.2017 for 15 cast to up to 10 01 2017 are as wester.

Coordinators	65: Frut D A Destrough and Frit G. 14 Destpande			
-	Ak rusy Jalswa	Abuin Dier	Sundoub Shittele	
DELIGITATION	Alinkya Sanpernhar	Change and Surrun	Vaschin Tekale:	
	Sucar Lene	Karstober # hadie		

This is for your limit is formation and excessivy learnables piecese Drunking you.

For flathe Engineering Limited - XVI

E P Kitnagarktis Auto, General Manager (1988A)



Shreeyash College of Engineering and Technology Aurangabad.

CERTIFICATE

This is to certify that Mr. Fegade Gajanan Ashokrao of B.E. (Mechanical Engineering) has completed his Industrial Training during the academic year 2017-2018 as partial fulfilment of the Mechanical Engineering course.

Class Teacher

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CO.

22

26666666666666666666

Prof. N. M. Kathar

Guide

Prof. D D PAWAR

Prof. G. S. Dhage

Dr. R. S. Pawar

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BADVE ENGINEERING LIMITED

Works: Plot No. 8-5 S. R. MIDG Area Weng Aurerpators - 431:136, Phone (0240):25555336

Regit: Office: D - 32, MIDG. Weng Aurerpators - 431:136 Frome (0240):255518687, Fax: 3555337

Email: backs_aptilisensharest.if

Ref: BILL XVIVIERA 4973 DWH: 03.06.2017

The Principal.

Shreeyash College of Engineering and Technology.

Setura Parisar, hand by pass stud.

Aurangahad.

Subject: Permission regarding in-plant training care project work activity Bell: Your letter dated 31.05.2017

With reference to the above subject, we are grant a permission for in-plant training com-project Dest Sc. work activity to your 03 nos. mechanical engineering third year students from 95.06.2017 on following

- 1. Rules and regulations of the company strictly binding on the student. If any student violates our terms and conditions. rules and regulations the company will terminate the in-plant training of the same
 - Strictly follow all safety norms and rules regarding attendance of the company.
 - No any stipend or payment paid by company to the students.
 - 4. If any accident occurred Due to the misconduct or negligence of the student the company will not responsible because they will came here for training for their own.
 - At the time of joining of in-plant training cum project work activity the college and students take undertaking to the company regarding above terms and conditions acceptance.

This is far your sind information and necessary formalities please. For, Badve Engineering Limited - KVI,

5. 3 katnagarkhi Asso. General Manager (HR&A)

Scanned by CamScanner

ADITYA ENGINEERING

Plot No.A-37, MIDC Waluj Aurangabad- 431 136.

Mail ID: aditya.engineering@rediffmail.com Mob.: 9923085851, 9922632354

Date: / /

TO WHOMSEVER IT MAY CONCERN

This is to certify that Mr. AKASH SANJAY KHAMBAT has successfully completed

15 days internship program at ADITYA ENGINEERING (From 21 Dec 2019 To 5 Ian 2020)

Oring this period He has worked with us and understood all working TOOL ROOM JOB WORK &

MAINTENANCE JOB WORK

During his time with its we found him punctual, hardworking and inquisitive

We wish him every success in life

FOR ADITYA ENGINE

Thanking You