

Braham Valley College of Engineering & Research Institute Anjaneri,  
Nashik- 422 213



## CERTIFICATE

This is to certify that

Mr. Sonawane Jayesh K.	Exam No. B150620959
Mr. Dhotre Ajinkya A.	Exam No. B150620836
Mr. Chakor Tejas P.	Exam No. B150620964

has successfully completed the dissertation entitled “**Universal Injection Mould**” under my supervision, in the partial fulfillment of Bachelor of Engineering - Mechanical Engineering, by Savitribai Phule Pune University.

Date:

Place:

Prof. N.J. Rathod  
[Guide]

Prof.   
[External Examiner]

Dr. S. H. Pawar  
H.O.D  
BVCOE & RI Nashik



Dr. H. N. Kudal  
Principal  
BVCOE & RI Nashik  
**PRINCIPAL**  
Brahma Valley College of Engg. & RI

Braham Valley College of Engineering & Research Institute  
Anjaneri, Nashik- 422 213



## CERTIFICATE

This is to certify that

*Mr. Shubham Baviskar*

*Exam Seat No. 72014010C*

*Mr. Rohan Jadhav*

*Exam Seat No. 71835865B*

*Mr. Durgesh Shukla*

*Exam Seat No. 72006490C*

*Mr. Ankush bhoye*

*Exam Seat No. 71933061M*

has successfully completed the dissertation entitled "**Portable Refrigerator using VCC**" under my supervision, in the partial fulfillment of Bachelor of Engineering - Mechanical Engineering, by Savitribai Phule Pune University.

Date:

Place:

Prof. S.S.Gangurde  
[Guide]

Prof.  
[External Examiner]

Dr.S.H.Pawar  
H.O.D  
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Dr. H.N.Kudal  
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## CERTIFICATE

This is to certify that

*Mr. Rohan Prakash More*

*Mr. Valmik Ganpat Katkade*

*Mr. Hrushikesh Ganesh Lahamage*

*Mr. Uttam Narendra Rana*

*Exam Seat no. B150620902*

*Exam Seat no. B150620872*

*Exam Seat no. B150620886*

*Exam Seat no. B150620938*

has successfully completed the dissertation entitled "**Elimination Of Customer Complaint Of Serration Missing On Companion Flange**" in the partial fulfillment of Bachelor of Engineering - Mechanical Engineering, by Savitribai Phule Pune University.

Date: 11/06/2022

Place: Nashik.

*Geughale*

**Prof. G.R.Jeughale**  
[Guide]

*S.H.Pawar*

**Dr .S.H.Pawar**  
H.O.D

**BVCOE & RI Nashik**



*Pudett*

**Prof.**

[External Examiner]

*Pudett*

**Dr. H.N.Kudal**

**Principal**

**BVCOE & RI Nashik**

**PRINCIPAL**

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**CERTIFICATE**

This is to certify that

Mr. Vishal B. Patil	(B150620926)
Mr. Pratik N. Fegade	(B150620934)
Mr. Siddhesh J. Walve	(B150620979)
Mr. Sagar B. Wankhede	(B150620981)

has successfully completed the dissertation entitled "BIKE WASTE HEAT RECOVERY SYSTEM" under my supervision, in the partial fulfillment of Bachelor of Engineering - Mechanical Engineering, by Savitribai Phule Pune University.

Date:

Place:

Prof. N. P. Dhake  
[Guide]

Prof.  
[External Examiner]

Dr.S.H.Pawar  
H.O.D  
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Dr. H.N.Kudal 24/5  
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Mr. Mane Mahesh Madhukar	(B150620893)
Mr. Tadakhe Rohan Ramesh	(B150620962)
Mr. Mali Mayur Bharat	(B150620890)

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**CERTIFICATE**

This is to certify that

*Mr. Navin Bele*

*Exam Seat No. B150620820*

*Mr. Akash Borade*

*Exam Seat No. B150620825*

*Mr. Kunal Tolambe*

*Exam Seat No. B150620970*

*Mr. Abhishek Vyawahare*

*Exam Seat No. B150620973*

has successfully completed the Project Stage-I entitled "Weight Reduction & Analysis of Steel Wheel by Replacing with Alloy Materials" under my supervision, in the partial fulfillment of Bachelor of Engineering - Mechanical Engineering of University of Pune.

Date:

Place: Nashik

**Prof. G. R. Jeughale**  
[Guide]

**Dr. S. H. Pawar**  
H.O.D.  
BVCOE & RI Nashik

**Prof. D. D. Patil**  
[External Examiner]

**Dr. H.N. Kudal**  
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## CERTIFICATE

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**MR. Rushikesh Parashuram Chavan** PRN NO. 71933067L

**MR. Nikhil Ulhas Giridhar** PRN NO. 72014018J

**MR. Shubham Valu Thombre** PRN NO. 72006492K

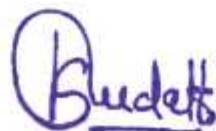
has successfully completed the dissertation entitled **“DEVELOPMENT OF POWER FRAME LIFTING FIXTURE FOR MT436B”** under my supervision, in the partial fulfillment of Bachelor of Engineering - Mechanical Engineering, by Savitribai Phule Pune University.

  
**Prof. M.S. WANI**  
[Guide]

  
**Prof.**  
[External Examiner]

  
**Dr. S.H. Pawar**  
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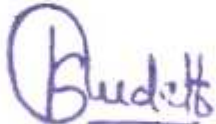
Place:

  
Prof. N.J.Rathod  
[Guide]

  
Prof. Gaughate  
[External Examiner]

  
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BVCOE & RI, Anjaneri, Nashik. B.E. (Mechanical)

||



Braham Valley College of Engineering & Research Institute  
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## CERTIFICATE

This is to certify that

MR.Bhoir Swapnil Ashok	B150620822
MR. Farle Varun Vishnu	B150620841
MR.Morade Kiran Padmakar	B150620898

has successfully completed the dissertation entitled “**DESIGN AND ANALYSIS OF 3D PRINTING BATTERY BRACKET WITH EXPERIMENTAL TESTING**” under my supervision, in the partial fulfillment of Bachelor of Engineering - Mechanical Engineering, by Savitribai Phule Pune University.

Date:

Place:

Prof.P.R.Pingale  
[Guide]

Prof.  
[External Examiner]

Dr.S.H.Pawar  
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## CERTIFICATE

This is to certify that

Mr.Amitkumar S.Wagh	Seat No. B150620895
Mr.Chetan P.More	Seat No. B150620899
Mr.Pranav D.Rajbhosal	Seat No. B150620935
Mr.Aniket L.wasnik	Seat No. B150620821

Has successfully completed the dissertation entitled **“TOOL FOR MEASUREMENT OF RADIAL PLAY BEARING”** under my supervision, in the partial fulfilment of Bachelor of Engineering -Mechanical Engineering, by Savitribai Phule Pune University.

Date: 14/06/2022

Place: Nashik

Prof. S.S. Gangurde  
[GUIDE]

Prof.  
[EXTERNAL EXAMINER]

Dr. S.H. PAWAR  
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## CERTIFICATE

This is to certify that

MR. Krishna S. Bande	Exam No. B150620817
MR. Sarvesh K. Khairnar	Exam No. B150620947
MR. Pravin S. Thakare	Exam No. B150620967
MR. Sushil S. More	Exam No. B150620903

has successfully completed the dissertation entitled "HYBRID ELECTRICITY GENERATION USING SOLAR WIND PIEZO" under my supervision, in the partial fulfillment of Bachelor of Engineering - Mechanical Engineering, by Savitribai Phule Pune University.

Date:

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Prof. D. D. Patil  
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**CERTIFICATE**


This is to certify that

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<b>Mr. Kishor Dattu Ghute</b>	<b>Exam No. B150620852</b>
<b>Mr. Niranjan Nitin Shelake</b>	<b>Exam No. B150620953</b>
<b>Mr. Tejas Ramdas Patil</b>	<b>Exam No. B150620965</b>

has successfully completed the dissertation entitled “**Design of Solar Air Cooler System**” under my supervision, in the partial fulfilment of Bachelor of Engineering - Mechanical Engineering, by Savitribai Phule Pune University.

Date:


Place:

  
**Prof. R.S. Deshmukh**  
[Guide]

  
**Prof. G. G. Ghate**  
[External Examiner]

  
**Dr. S.H. Pawar**  
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[Guide]

  
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[External Examiner]

  
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## CERTIFICATE

This is to certify that

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<i>MR. Dnyaneshwar Ghorpade</i>	<i>Exam No. B150620851</i>
<i>MR. Prashant Shivaji Deore</i>	<i>Exam No. B150620933</i>
<i>MR. Pankaj Vilas Desale</i>	<i>Exam No. B150620918</i>


has successfully completed the dissertation entitled “**Robotic Pesticide Sprayer**” under my supervision, in the partial fulfillment of Bachelor of Engineering - Mechanical Engineering, by Savitribai Phule Pune University.

Date:

Place:

  
Prof. U.V. SAIDANE  
[Guide]

Prof.   
[External Examiner]

  
Dr. S.H. PAWAR  
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Dr. H.N. KUDAL  
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## CERTIFICATE

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*Mr. Gharte Chirag Devidas*

*Exam No. B150620849*

*Mr. Parekar Omkar Changdeo*

*Exam No. B150620919*

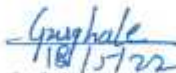
*Mr. Ahire Mayur Ravindra*

*Exam No. B150620806*

has successfully completed the dissertation entitled "**Modified Window Air Conditioning System to Increase COP**" under my supervision, in the partial fulfillment of Bachelor of Engineering - Mechanical Engineering, by Savitribai Phule Pune University.

Date: 18.05.2022

Place: Nashik

  
Prof. G.R. Jeughale  
[Guide]

  
Prof.  
[External Examiner]

  
Dr. S.H. Pawar  
H.O.D  
BVCOE & RI Nashik

  
Dr. H.N. Kudal  
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## CERTIFICATE

This is to certify that

Mr.Omkar R Marade	Seat No. B150620895
Mr.Mahesh S Aher	Seat No. B150620803
Mr.Rohit.P.Patil	Seat No. B150620925
Mr.Rohit.B.Bhoir	Seat No. B150620821

Has successfully completed the dissertation entitled "HIGH SPEED VALVE ASSEMBLE MACHINE" under my supervision, in the partial fulfilment of Bachelor of Engineering -Mechanical Engineering, by Savitribai Phule Pune University.

Date:

Place:

Prof. Avinash Bonde  
[GUIDE]

Prof.   
[EXTERNAL EXAMINER]

Dr. S.J.PAWAR  
H.O.D  
BVCOE & RI, Nashik

Dr. H.N.KUDAL  
PRINCIPAL  
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Institute Anjaneri, Nashik- 422 213



## CERTIFICATE

This is to certify that

*Mr. Uday Ramesh Amrutkar*

*Exam No. B150620811*

*Mr. Vaibhav Sahebrao Malode*

*Exam No. B150620892*

*Mr. Shubham Bandu Jadhav*

*Exam No. B150620864*

*Mr. Bhushan Ashok Bagul*

*Exam No. B150620815*

has successfully completed the dissertation entitled "**Design and Fabrication of Anthropogenic Windmill**" under my supervision, in the partial fulfillment of Bachelor of Engineering - Mechanical Engineering, by Savitribai Phule Pune University.

Date:

Place:

  
Dr. S.H. Pawar  
[Guide]

Prof.   
[External Examiner]

  
Dr. S.H. Pawar  
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Prof. D. D. Patil  
[Guide]

[External Examiner]

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Principal  
BVCOE & RI Nashik  
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## CERTIFICATE

This is to certify that

<i>MR. Akash Gorakh Pagar</i>	<i>B150620913</i>
<i>MR. Gaurav Rajendra Pawar</i>	<i>B150620928</i>
<i>MR. Nilesh Murlidhar Wagh</i>	<i>B150620975</i>
<i>MR. Prajwal Sharad Wagh</i>	<i>B150620976</i>

has successfully completed the dissertation entitled “**Effect of Lubricating Oil on the Performance of Vapour Compression Refrigeration System**” under my supervision, in the partial fulfillment of Bachelor of Engineering - Mechanical Engineering, by Savitribai Phule Pune University.

Date:

Place:

Prof. K. S. Shivade  
[GUIDE]

Prof.  
[EXTERNAL EXAMINER]

Dr. S. H. PAWAR  
H.O.D  
BVCOE & RI, Nashik

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## CERTIFICATE

This is to certify that ,

Mr kokane Suchak Chandrabhan

B150620881

Mr Ahire Bhushan Ramdas

B150620805

Mr Ansari Arbaz Zameer

B150620813

Mr kumavat Gaurav Subhash

B150620882

has successfully completed the dissertation entitled “**Design and Development of Magnetic Mobility Scooter**” under my supervision, in the partial fulfillment of Bachelor of Engineering , by Savitribai Phule Pune University.

Date:

Place: Anjaneri, Nashik.

*Saindane U.V.*  
*17/6/22*  
Prof. Saindane U.V.  
[Guide]

*[Signature]*  
Prof.  
[External Examiner]

*[Signature]*  
Dr S.H Pawar  
H.O.D  
BVCOE & RI Nashik

*[Signature]*  
Dr.H.N.Kudal  
Principal/Director  
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## CERTIFICATE


This is to certify that


<i>Mr. Vallabh Sarangdhar</i>	<i>Exam No. B150620946.</i>
<i>Mr. Tushar Gavande</i>	<i>Exam No. B150620845.</i>
<i>Mr. Kiran Palwe</i>	<i>Exam No. B150620916.</i>
<i>Mr. Bhushan Kakwipure</i>	<i>Exam No. B150620870.</i>

has successfully completed the dissertation entitled “**Design & Fabrication of Pneumatic Safety Steering System**” under my supervision, in the partial fulfillment of Bachelor of Engineering - Mechanical Engineering, by Savitribai Phule Pune University.

Date:

Place:

  
Prof. N.P. Dhake  
[Guide]

  
Dr. S. H. Pawar  
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BVCOE & RI Nashik



Prof.   
[External Examiner]

  
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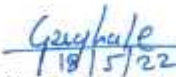
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Date: 18.05.2022

Place: Nashik

  
18/5/22  
Prof. G.R. Jeughale  
[Guide]

Prof.   
18/5/22  
[External Examiner]

  
Dr. S.H. Pawar  
H.O.D  
BVCOE & RI Nashik

  
18/5/22  
Dr. H.N. Kudal  
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**Brahma Valley College of Engineering & Research  
Institute Anjaneri, Nashik- 422 213**



**CERTIFICATE**


This is to certify that

*MR. Gawali Jitendra Devram* (B150620868)  
*MR. Gavit Ashvin Natthu* (B150620846)  
*MR. Gavit Yonkesh Devidas* (B150620847)  
*MR. Gaikwad Vishvas Tukaram* (B150620842)

Has successfully completed the dissertation entitled **Development of Automatic Water Pump** under my supervision, in the partial fulfillment of Bachelor of Engineering - Mechanical Engineering, by Savitribai Phule Pune University.


Date: 31/05/2022

Place: NASHIK

  
Dr. S.H. Pawar  
[Guide]

Prof.   
[External Examiner]

  
Dr. S.H. Pawar  
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## CERTIFICATE

This is to certify that

<i>Miss. Pooja Chaure</i>	<i>Exam No. B150620829.</i>
<i>MR. Rajesh Chaudhari</i>	<i>Exam No. B150620828.</i>
<i>MR. Jayesh Dixit</i>	<i>Exam No. B150620867.</i>
<i>MR. Rahul Pagar</i>	<i>Exam No. B150620915.</i>

has successfully completed the dissertation entitled “**Heat Treatment Based D-cut Machine for Packaging Industries**” under my supervision, in the partial fulfillment of Bachelor of Engineering - Mechanical Engineering, by SavitribaiPhule Pune University.

Date:

Place:

Prof. D.D. Patil

[Guide]

Dr. S.H. Pawar

H.O.D

BVCOE & RI Nashik



Prof. *G. G. Ghate*

[External Examiner]

Dr. H.N. Kudal

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**CERTIFICATE**


This is to certify that

<b>Mr. Shailendra Madhukar Pagare</b>	<b>Exam No. B150620952</b>
<b>Mr. Kishor Dattu Ghute</b>	<b>Exam No. B150620852</b>
<b>Mr. Niranjana Nitin Shelake</b>	<b>Exam No. B150620953</b>
<b>Mr. Tejas Ramdas Patil</b>	<b>Exam No. B150620965</b>


has successfully completed the dissertation entitled “**Design of Solar Air Cooler System**” under my supervision, in the partial fulfilment of Bachelor of Engineering - Mechanical Engineering, by Savitribai Phule Pune University.

Date:

Place:

  
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**Prof. Ghate**  
[External Examiner]

  
**Dr. S.H. Pawar**  
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This is to certify that ,

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B150620805

Mr Ansari Arbaz Zameer

B150620813

Mr kumavat Gaurav Subhash

B150620882

has successfully completed the dissertation entitled "**Design and Development of Magnetic Mobility Scooter**" under my supervision, in the partial fulfillment of Bachelor of Engineering , by Savitribai Phule Pune University.

Date:

Place: Anjaneri, Nashik.

*Saindane U.V.*  
17/6/22  
Prof. Saindane U.V.  
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## CERTIFICATE

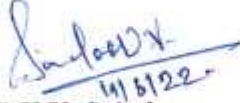
This is to certify that

<i>MR. Shubham Anrutkar</i>	<i>Exam No. B150620810</i>
<i>MR. Ajinkya Shirsath</i>	<i>Exam No. B150620956</i>
<i>MR. Deepak Rakte</i>	<i>Exam No. B150620809</i>
<i>MR. Amol Bhamre</i>	<i>Exam No. B150620833</i>


have successfully completed the dissertation entitled “**Design & Fabrication Of 6 Way Drilling Machine Table**” under my supervision, in the partial fulfillment of Bachelor of Engineering - Mechanical Engineering, by Savitribai Phule Pune University.

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Prof.  
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## CERTIFICATE

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*MR. Abhijit Ramesh Solanke* Exam No. B150620958

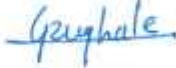
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Place: Nashik

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*MR. Mangesh Balu Bagul* Exam No. B150620894  
*MR. Nitin Janu Gimbhal* Exam No. B150620853

has successfully completed the dissertation entitled "Study on Vibration of Laminated Composite Beam" under my supervision, in the partial fulfillment of Bachelor of Engineering - Mechanical Engineering, by Savitribai Phule Pune University.

Date:

Place:

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This is to certify that

<b>MR.ASHISH REVAGADE</b>	<b>(B150620941)</b>
<b>MR.DEVESH GURAV</b>	<b>(B150620856)</b>
<b>MR.ANIKET JADHAV</b>	<b>(B150620859)</b>
<b>MS. EKTA DIVEKAR</b>	<b>(B150620837)</b>

Has successfully completed the dissertation entitled **“Designing and fabrication of all terrain amphibious robot”** under my supervision, in the partial fulfillment of bachelor of engineering mechanical engineering, by Savitribai Phule Pune University.

Date: *06/06/2022*

Place: Nashik

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**[Guide]**



Prof. *Gayhale*  
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*Mr. Yogesh Khedkar*

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*Mr. Pratik Desale*

*Exam Seat No. B150620834*


*Mr. Yogiraj Kedar*


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has successfully completed the Project Stage-II entitled “**Double Disc Lapping Machine**” under my supervision, in the partial fulfillment of Bachelor of Engineering - Mechanical Engineering of University of Pune.

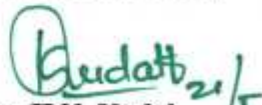
Date: 20/05/2022

Place: Nashik

  
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*Mr. Kadam Gaurav Nitin*

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*Mr. Sonawane Tejas Sandip*

*Exam No. B150620961*


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has successfully completed the dissertation entitled “**Lever Operated Wheelchair**” under my supervision, in the partial fulfillment of Bachelor of Engineering - Mechanical Engineering, by Savitribai Phule Pune University.

Date: 23/05/2022

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<b>MR.ANIKET JADHAV</b>	<b>(B150620859)</b>
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Has successfully completed the dissertation entitled **“Designing and fabrication of all terrain amphibious robot”** under my supervision, in the partial fulfillment of bachelor of engineering mechanical engineering, by Savitribai Phule Pune University.


Date: 06/06/2022

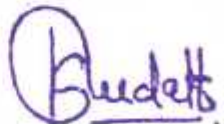
Place: Nashik

  
**Prof. P. D. Kale**  
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**Prof. Geeghale**  
[External Examiner]

  
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Date: 20/05/2022

Place: Nashik

  
Prof. S. S. Gangurde  
[Guide]

  
Dr. S. H. Pawar  
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This is to certify that

MR. ASHISH AHER	( B150620802 )
MR. SAHIL GITE	( B150620802 )
MR.GAURAV KEDAR	( B150620873 )
MR.NILKANATH SALUNKHE	( B150620873 )

has successfully completed the dissertation entitled “**ELIMINATION OF POKAYOKA FROM FINAL INSPECTION & INSTALTION AT GAMMA ROBOT**” under my supervision, in the partial fulfillment of Bachelor of Engineering - Mechanical Engineering, by Savitribai Phule Pune University.

Date: 17/05/22

Place: Nashik

Dr. S.H.Pawar  
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BRAHMA VALLEY COLLEGE OF ENGINEERING AND RESEARCH INSTITUTE

SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE. 2021-22



Department Of Mechanical Engineering

## Certificate

This is to certify that the following students


MR. PATHAN RAZIQUEKHAN RAFIKKHAN	B150620920
MR. SHAIKH SAMEER MUSTAK	B150620951
MR. NIKAM AJAY VISHWANATH	B150620911
MR. SAINDANE PRASANNA KRISHNARAO	B150620942

Has successfully completed the dissertation "Agriculture Robot" under my supervision, in this partial fulfillment of Bachelor Of Engineering, by Savitribai Phule Pune University

Date:

Place:

  
Prof. R.S. DESHMUKH  
Guide

  
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Dr. H.N.KUDAL  
PRINCIPAL  
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Dr. S.H. PAWAR  
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## CERTIFICATE

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*MR. Ramanand Kondu Mistari* Exam No. B150620937

*MR. Ankush C. Khane* Exam No. B150620878

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*MR. Nitin Janu Gimbhal* Exam No. B150620853

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Date:

Place:

Prof. A.V. Dhumal  
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Dr. S.H. Pawar  
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<i>MR. Ajinkya Shirsath</i>	<i>Exam No. B150620956</i>
<i>MR. Deepak Rakte</i>	<i>Exam No. B150620809</i>
<i>MR. Amol Bhamre</i>	<i>Exam No. B150620833</i>

have successfully completed the dissertation entitled "Design & Fabrication Of 6 Way Drilling Machine Table" under my supervision, in the partial fulfillment of Bachelor of Engineering - Mechanical Engineering, by Savitribai Phule Pune University.

Date:

Place:

*Saindane U.V.*  
*11/6/22*  
Prof. U.V. Saindane  
[Guide]

*Dates*  
Prof. [External Examiner]

*S.H.P.*  
Dr. S. H. Pawar  
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*H.N.K.*  
Dr. H. N. Kudal  
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## CERTIFICATE

This is to certify that

Mr.Omkar R Marade	Seat No. B150620895
Mr.Mahesh S Aher	Seat No. B150620803
Mr.Rohit.P.Patil	Seat No. B150620925
Mr.Rohit.B.Bhoir	Seat No. B150620821

Has successfully completed the dissertation entitled “HIGH SPEED VALVE ASSEMBLE MACHINE” under my supervision, in the partial fulfilment of Bachelor of Engineering -Mechanical Engineering, by Savitribai Phule Pune University.

Date:

Place:

Prof. Avinash Bonde  
[GUIDE]

Prof.   
[EXTERNAL EXAMINER]

Dr. S.H.PAWAR  
H.O.D  
BVCOE & RI, Nashik

Dr. H.N.KUDAL  
PRINCIPAL  
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## CERTIFICATE

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*Exam Seat no. B150620902*

*Mr. Valmik Ganpat Katkade*

*Exam Seat no. B150620872*

*Mr. Hrushikesh Ganesh Lahamage*

*Exam Sear no. B150620886*

*Mr. Uttam Narendra Rana*

*Exam Seat no. B150620938*

has successfully completed the dissertation entitled "**Elimination Of Customer Complaint Of Serration Missing On Companion Flange**" in the partial fulfillment of Bachelor of Engineering - Mechanical Engineering, by Savitribai Phule Pune University.

Date: 11/06/2022.

Place: Nashik.

Prof. G.R. Jeughale  
[Guide]

Dr. S.H. Pawar  
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Prof.  
[External Examiner]

Dr. H.N. Kudal  
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<i>MR. Dnyaneshwar Ghorpade</i>	<i>Exam No. B150620851</i>
<i>MR. Prashant Shivaji Deore</i>	<i>Exam No. B150620933</i>
<i>MR. Pankaj Vilas Desale</i>	<i>Exam No. B150620918</i>

has successfully completed the dissertation entitled “**Robotic Pesticide Sprayer**” under my supervision, in the partial fulfillment of Bachelor of Engineering - Mechanical Engineering, by Savitribai Phule Pune University.

Date:

Place:

  
Prof. U.V. SAIDANE  
[Guide]

  
Prof. [External Examiner]

  
Dr. S.H. PAWAR  
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*Mr. Tushar Gavande* Exam No. B150620845.


*Mr. Kiran Palwe* Exam No. B150620916.


*Mr. Bhushan Kakwipure* Exam No. B150620870.

has successfully completed the dissertation entitled “**Design & Fabrication of Pneumatic Safety Steering System**” under my supervision, in the partial fulfillment of Bachelor of Engineering - Mechanical Engineering, by Savitribai Phule Pune University.

Date:

Place:

  
Prof. N.P. Dhake  
[Guide]

  
Dr. S. H. Pawar  
H.O.D  
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Prof.   
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Dr. H. N. Kudal  
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Mr. Nisargkumar Sarbject Ram

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Mr. Vaibhav Barabate

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Seat No. B150620832

Has successfully completed the dissertation entitled "Pneumatic Intelligent Braking System" under my supervision, in the partial fulfillment of Bachelor of Engineering - Mechanical Engineering, by Savitribai Phule Pune University.

Date: 20/05/2022  
Place: Nashik

Prof. S.A. Shirsath  
[GUIDE]

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DR. H.N.KUDAL  
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Prof. [Signature]  
[EXTERNAL EXAMINER]

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<b>Mr.Shaikh Arbaz Kasim</b>	<b>Seat No. B150620949</b>
<b>Mr.Shaikh Mohd gulamgaus</b>	<b>Seat No. B150620950</b>

Has successfully completed the dissertation entitled "**Line Follower Robot**" under my supervision, in the partial fulfilment of Bachelor of Engineering - Mechanical Engineering, by Savitribai Phule Pune University.

Date: 21/5/2022

Place: Nashik

**Prof. N.P.Dhake**  
[GUIDE]

**Prof.**  
[EXTERNAL EXAMINER]

**Dr. S.H.PAWAR**  
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BVCOE & RI, Nashik



**Dr. H.N.KUDAL**  
PRINCIPAL  
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This is to certify that

**Mr. Bute Shubham**

**Seat No. B150620827**

**Mr. Kurkunde Umesh**

**Seat No. B150620885**

**Mr. Gurgude Sanket**

**Seat No. B150620857**

Has successfully completed the dissertation entitled **“Unmanned Arm Vehicle”** under my supervision, in the partial fulfilment of Bachelor of Engineering -Mechanical Engineering, by Savitribai Phule Pune University.

Date: **22/05/2022**

Place: **Nashik**

**Prof. A.U. Bonde**  
**[GUIDE]**

**Prof.**  
**[EXTERNAL EXAMINER]**

**Dr. S.H. PAWAR**  
**H.O.D**  
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**Mr. Vinayak Sanjay More**

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Date: 23/05/2022

Place: Nashik

**DR. A.U. BONDE**  
[GUIDE]

**Prof.**  
[EXTERNAL EXAMINER]

**Dr. S.H. PAWAR**  
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Mr.Ajinkya Anil Nagare	Seat No. B150620907
Mr.Kalpesh Sanjay Patil	Seat No. B150620923
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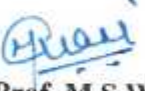
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