



Dinkarrao K. Shinde Smarak Trusts

**DR. A. D. SHINDE COLLEGE OF ENGINEERING**

Bhadgaon, Gadhinglaj, Dist: Kolhapur Pin: 416502

**Academic Year 2024-25**

**Department of Mechanical Engineering**



### Final Year Project Groups

| Group No. | PRN No.    | Name of Students          | Title of Project                                                                                          | Name of Project Guide |
|-----------|------------|---------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------|
| G 01      | 2020075741 | AWADAN NILESH NARAYAN     | Design and Analysis of the drone body to manufacture fully functional drone using 3D printing technology. | Mr. A. S. Bhoi        |
|           | 2022086986 | DHANAWDE NIKHIL MARUTI    |                                                                                                           |                       |
|           | 2022087049 | ASWALE SAMIR PRABHAKAR    |                                                                                                           |                       |
|           | 2020075662 | TORASKAR NILESHWAR AJIT   |                                                                                                           |                       |
|           | 2022087089 | HODAGE AVINASH RAJENDRA   |                                                                                                           |                       |
| G 02      | 2022086731 | PATIL RAHUL SHIVAJI       | Design and Fabrication of an Automatic Cable Stripper for Efficient Wire Recycling.                       | Mr. I. T. Patel       |
|           | 2022086799 | DESAI JAYANT KHANDERAU    |                                                                                                           |                       |
|           | 2022086987 | DESAI PRAVIN SHIVGONDA    |                                                                                                           |                       |
|           | 2022079008 | SONALE DIPAK BALASO       |                                                                                                           |                       |
|           | 2022086385 | SONU SAURAV ASHOK KUMAR S |                                                                                                           |                       |
| G 03      | 2022086972 | SURYAVANSHI PRATIKSHA D   | Automatic pneumatic powered can crusher machine.                                                          | Dr. D. V. Ghewade     |
|           | 2022086981 | PATIL RUTUJA RAVINDRA     |                                                                                                           |                       |
|           | 2022078871 | PATIL SHWETA SUBHASH      |                                                                                                           |                       |
|           | 2021072025 | PATIL SHUBHAM GANPAT      |                                                                                                           |                       |
| G04       | 2021072462 | DHURI VINAYAK MARUTI      | Power Generation using Gym equipments.                                                                    | Mr. K. S. Joshi       |
|           | 2021072610 | MOHITE KIRAN SHIVAJI      |                                                                                                           |                       |
|           | 2021072082 | SALOKHE ADITYA ARUN       |                                                                                                           |                       |
|           | 2021071690 | JADHAV NITEESH DASHARATH  |                                                                                                           |                       |
| G 05      | 2021072339 | PATIL SIDDHANT DATTATRAY  | Smart IOT based robotic nurse with multi language voice interactivity.                                    | Dr. S. A. Mehta       |
|           | 2018092848 | PATIL AKSHAY VASANT       |                                                                                                           |                       |
|           | 2016106433 | DEVADKAR TEJASHRI I       |                                                                                                           |                       |
|           | 2021072285 | HUNDALEWADKAR NIKHIL S    |                                                                                                           |                       |

For Mr. Patel I. T.  
Project Co-ordinator

Mr. HODGSON G. M.  
Dept. of Mechanical & Electronics Engg.  
Dr. A. D. Shinde College of Engg.  
Bhadgaon, Tal. Gadhinglaj



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**Academic Year 2024-25**



**CERTIFICATE**

This is to certify that Project titled "Design and Fabrication of an Automatic Cable Stripper for Efficient Wire Recycling." is a bonafide work of

**Name of students**

Mr. Sonu Saurav Ashok Kumar Singh

Mr. Desai Pravin Shivgonda

Mr. Patil Rahul Shivaji

Mr. Sonale Dipak Balaso

Mr. Desai Jayant Khanderao

**PRN.NO**

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2022086731

2022079008

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This project report fulfills the academic requirements prescribed for the award of Bachelor of Technology degree in Mechanical Engineering during the academic year 2024-25

Prof. I. T. Patel

Guide

HOD  
Dept. of Mechanical Engg.  
Dr. A. D. Shinde College of Engg.  
Bhadgaon, Tal. Gadhinglaj.  
Prof. G. M. Kumbhar

Head of Department

Dr. Viresh Kumar Mahad  
Dr. A. D. Shinde College of Engineering  
Bhadgaon, Tal. Gadhinglaj, Dist. Kolhapur  
Dean Academics

**Name of Examiners**

Prof. I. T. Patel. -

Prof. S. S. Patel.   
27/4/25

Signature with date



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Vice Principal

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*This is to certify that Project titled "Power Generation using GYM Equipment's" is a Bonafide work of*

**Mr. Vinayak M. Dhuri (PRN: 2021072462)**

**Mr. Kiran S. Mohite (PRN: 2021072610)**

**Mr. Niteesh D. Jadhav (PRN: 2021071690)**

**Mr. Rohit Y. Ramase (PRN:2022086971)**

**Mr. Rohan V. Mandlik (PRN:2021072453)**

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Prof. Kishor S. Joshi  
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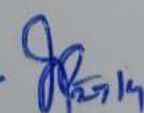
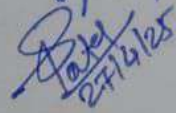
  
Prof. Gururaj M. Kumbhar  
Head of Department

  
Dr. Vireshkumar G. Mathad  
Dean Academics

**Dr.A.D.Shinde College of Engineering**  
Bhadgaon, Tal. Gadhinglaj, Dist. Kolhapur

Name of Examiners

Signature with date

1) Prof. - I. T. Patel -   
2) Mr. S. S. Patel -   
27/12/25

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**DR.A. D. SHINDE COLLEGE OF ENGINEERING.**  
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Signature with date

1) Prof. - I. T. Patel  
2) Mr. S. S. Patel

  
I. T. Patel  
24/04/25

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**Academic Year 2024-25**



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*This is to certify that Project titled “Design And Manufacture Fully Functional Drone Using 3D Printing Technology” is a bonafide work of*

|                                  |                        |
|----------------------------------|------------------------|
| <b>Mr. Samir P. Aswale</b>       | <b>PRN: 2022087049</b> |
| <b>Mr. Nikhil M. Dhanawade</b>   | <b>PRN: 2022086986</b> |
| <b>Mr. Nilesh N. Awadan</b>      | <b>PRN: 2020075741</b> |
| <b>Mr. Nileshwar A. Toraskar</b> | <b>PRN: 2020075662</b> |
| <b>Mr. Avinash R. Hodage</b>     | <b>PRN: 2022087089</b> |

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Prof. A. S. Bhoi

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Prof. G. M. Kumbhar

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