

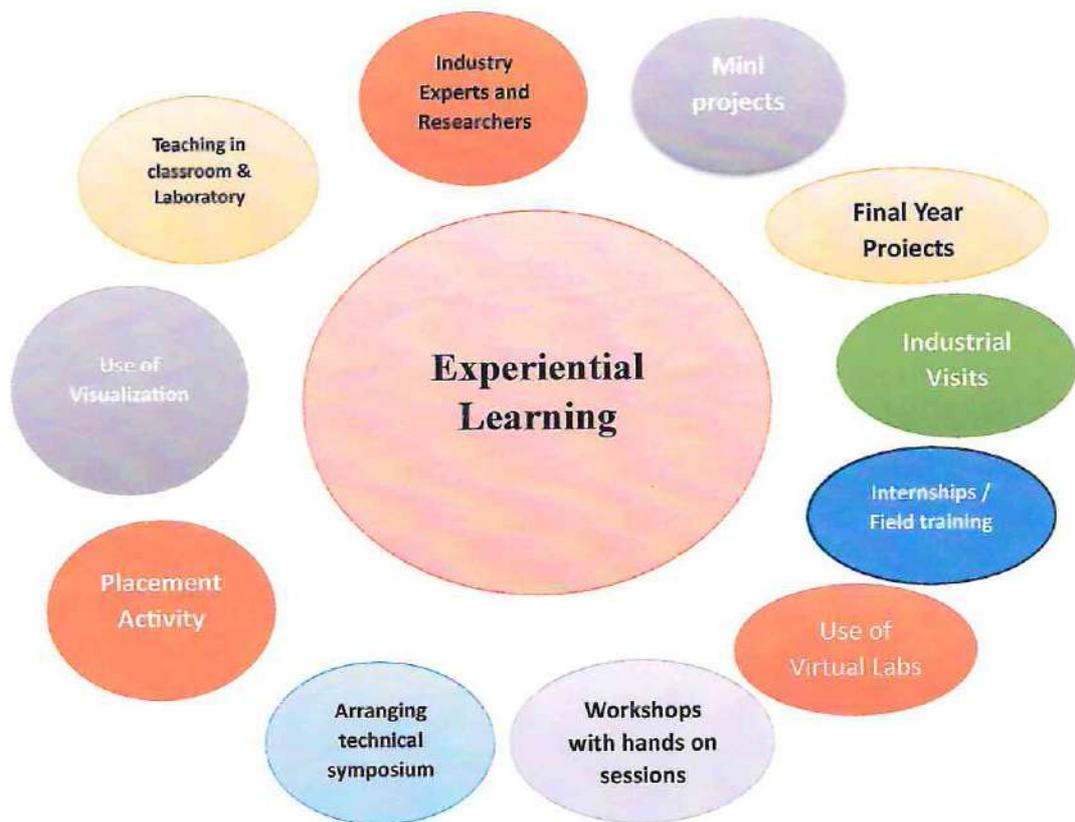
Student centric methods, such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences and teachers use ICT- enabled tools including online resources for effective teaching and learning process



# EXPERIENTIAL LEARNING

Experiential learning is the process of learning through experience. Institute is inculcating self-learning and life-long skills through following activities:

## Internships / Field training



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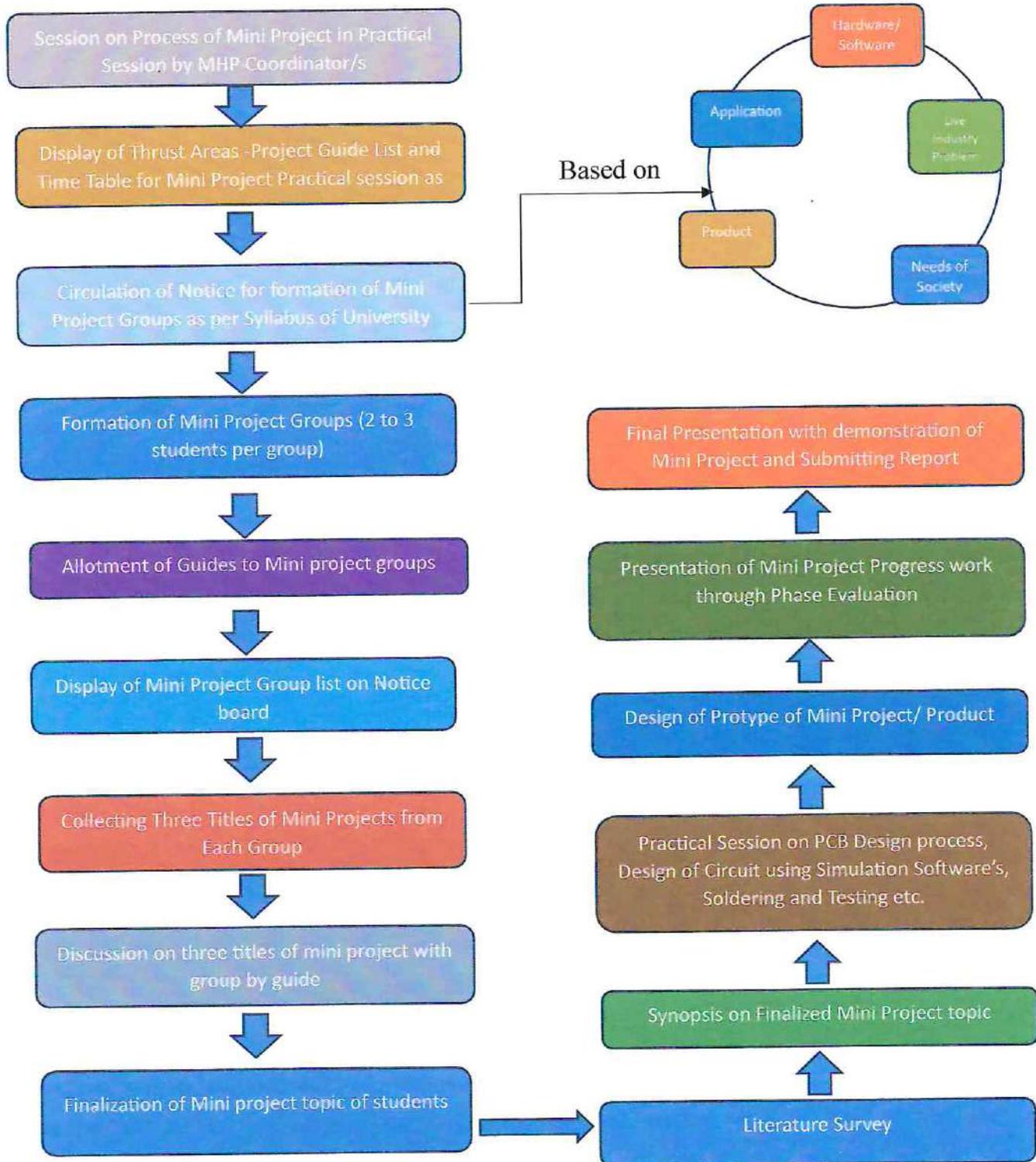
## Dr. A. D. Shinde College of Engineering, Bhadgaon

Sr. No.	Name of the Activity	Purpose of Activity
1	Mini Projects	The purpose is to develop the product/ project using modern tools/techniques to solve complex engineering problems of the industry and society
2	Final Year Projects	The purpose is to develop the product/ project using practical tools/techniques and advanced labs to solve complex engineering problems of the industry and society.
3	Industrial Visits	Industrial visits are arranged for students with an objective of providing students functional opportunity in different sectors. It gives an industrial exposure to grow their knowledge and skills.
4	Internships/ Vocational/Field Training	Vocational training allows students to gain practical experience in industry before they graduate
5	Virtual Labs	The Virtual Laboratory is an interactive environment for creating and conducting simulated experiments.
6	Hands-on Workshops	A hands-on workshop helps students to expertise in practical domain
7	Technical Symposium	Technical Symposiums enhance the technical knowledge of students and provide them a platform to exhibit their talents.
8	Placement Activity (Mock Interview)	A mock interview process helps candidates gain confidence with the chance to reflect on their non-verbal and verbal communication abilities. It also provides an opportunity for interviewees to make mistakes and work on correcting them in a safe atmosphere.
9	Use of Visualizations	The purpose of using Visualizations like animations, videos and simulator is to convey a complex and concrete information effortlessly.
10	Teaching in classroom and laboratories	Purpose of teaching in classroom and laboratories is to give students first-hand experience and offer better opportunities for learning. Teaching in a classroom gives students the opportunity to engage in live discussions.
11	Industry Expert/ Researchers Lecture	Industrial Experts speakers have become an important part of the educational experience for students. They expose students to real-world life experiences. Students get to see the insight and perspective of the guest speaker's particular field.



  
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# Mini Projects Guidelines





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**DR. A. D. SHINDE COLLEGE OF ENGINEERING,**  
**Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502**



## **Mini Project**

<b>Sr. No</b>	<b>A.Y.</b>	<b>Department</b>	<b>Total Group</b>
1	2024-25	Electronics & Computer Science	18



  
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# Dr. A. D. Shide College Of Engineering, Bhadgaon

Department of Electronics & Computer Science.

## Mini Project Group

TY\_B.Tech\_ECS 2024-25

Roll.No	PRN No.	Name	Group No	Sign
4	2022086046	KAVITKAR SHUBHAM VITTEAL	Group 1	
29	2023078361	MIRAJE MAYUR ARUN		
6	2022086026	PATIL ANKITA ANANT		
13	2023078359	CHOUGULE PRAJWAL PRAKASH	Group 2	
8	2023078357	POWAR YUVRAJ DHANAJI		
44	2023078941	KAMBLE KHUSHI UTTAM		
14	2023079612	GAVADE PRACHI PRAKASH	Group 3	
31	2023078979	JATHAR SAKSHI MANSING		
20	2023077972	CHOUGALE SAMBHAJI PANDURANG		
21	2023077987	MUGALIHALKAR NIKHIL HUVANI	Group 4	
23	2023077976	RAKATADE SANDESH RAJENDRA		
35	2023079604	KHARADE VAISHNAVI B		
30	2023077974	KHAIRMODE RAVIKIRAN RAJENDRA	Group 5	
27	2023080362	PATIL AMOL ARVIND		
56	2023078351	PATIL ASHIWINI SUBARAO		
32	2023077989	INGAWALE SAMRUDDHI SAKHARAM	Group 6	
28	2023077948	AMATE RAHUL BASAVARAJ		
43	2023077966	MALAMKAR VAISHNAVI KISHOR		
36	2023077993	KHARADE ANKITA RANJIT	Group 7	
50	2023079565	PATIL LATA SHIVAJI		
53	2023079573	MOHITE AKSHAY BALU		
7	2023079525	PATIL SUSMITA SHAMRAO		
49	2023079523	PATIL SANDESH UTTAM	Group 8	
46	2023079561	MUNGURKAR DTTATRAY ASHOK		
26	2023077973	NIKAM ANJALI SAGAR		
41	2023077992	MUJGONDA SHIVANAND MANOHAR	Group 9	
42	2023078985	SWAROOP P JADHAV		
39	2023079056	DHEKOLKAR SWAPNALI B		

33	2023078940	GODASE KARUNA TUKARAM	Group 10	<u>Rok.</u>
22	2023077970	PATIL ROHIT PRATAP		<u>Rohit</u>
15	2023078356	KAMBLE SNEHAL SUDAM		<u>Snehal</u>
48	2023079622	MOTURE MANALI PARASHARAM	Group 11	<u>Mature</u>
1	2022085998	CHAVAN RAJWARDHAN BAJIRAO		<u>Rajwardhan</u>
2	2022086015	CHINDAKE SANKET BANDOPANT		<u>Sanket</u>
3	2022086166	DORUGADE ASHWINI PIRAJI	Group 12	<u>As</u>
34	2023077964	JAGADALE SANIYA BHIKAJI		<u>Jagdale</u>
45	2023079570	PATIL PRATHAMESH PANDURANG		<u>Prath</u>
10	2023078355	PATIL DNYANESHVARI DILIP	Group 13	<u>Patil</u>
5	2022086175	KOLUGADE HARSHVARDHAN B		<u>Harsh</u>
11	2023080553	MATALE GAUTAMI ARJUN		<u>Gaut</u>
40	2023077967	PATIL TEJASWINI TANAJI	Group 14	<u>Patil</u>
9	2023079616	MORE NIRANJAN SHIVAJI		<u>More</u>
16	2023077952	VAIDIKA KRUSHNAT TELI		<u>Vaidika</u>
51	2023083468	PADEKAR RUTUJA CHANDRAKANT	Group 15	<u>Rutu</u>
18	2023077985	CHAVAN AMIT SANJAY		<u>Chavan</u>
25	2023077981	DIVTNKAR SNEHAL SHRIKANT		<u>Divtnkar</u>
38	2023077990	MULLA AFTAB MEHABUB	Group 16	<u>Mulla</u>
17	2023077957	BHALEKAR SAHIL YUVRAJ		<u>Sahil</u>
55	2023079553	ISATHE SHWETA SANDIP		<u>Isathe</u>
37	2023077958	PATIL SAKSHI ANIL	Group 17	<u>Sakshi</u>
19	2023080348	SHALGAR NISHA RAJESH		<u>Shalgar</u>
47	2023079625	VISHWAJIT MANASING SALUNKHE		<u>Vishwa</u>
12	2023078354	APATE AVADHUT APPASAHEB	Group 18	<u>Apate</u>
52	2023079007	MIRAJKAR NIKHIL SANDEEP		<u>Mirajkar</u>
24	2023078352	KANGRALKAR HARSHADA ANKUSH		<u>Kangralkar</u>
54	2023079535	SUTAR BALASAHEB DATTATRAYA		<u>Sutar</u>

  
**HOD**  
 Electronics & Computer Science  
 Dr.A.D.Shinde College of Engineering  
 A<sup>10</sup> Chhadgaon, Tal. Garh



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**DR. A. D. SHINDE**

COLLEGE OF ENGINEERING

Gadhinglaj A/P: Bhudgaon, Tal- Gadhinglaj, Dist- Kolhapur

**Department of Electronics & Computer Science.**

**Student Best Project Award**

Sr. No	Name of the students	Event	Prize
1	Avadhut Appasaheb Apate	Mini Project Competition under Lead College Cluster, Shivaji University Kolhapur.	Winner
2	Nikhil Sandeep Mirajkar		
3	Harshada Ankush Kangralkar		



*A Mini Project Report on*  
**IC Tester, Electronics Components  
Tester Kit**



*Submitted in partial fulfillment of the requirements of semester-6<sup>th</sup>  
for the award of degree of  
Bachelor of Technology*

*Submitted by*

<b>Mr. Avadhut Appasaheb Apate</b>	<b>PRN: 2023078354</b>
<b>Mr. Nikhil Sandeep Mirajker</b>	<b>PRN: 2023079007</b>
<b>Ms. Harshada Ankush Kangralkar</b>	<b>PRN: 2023078352</b>
<b>Mr. Balasaheb Dattatraya Sutar</b>	<b>PRN: 2023079535</b>

*Under the guidance of*  
**Prof. I. M. TRASGAR**

**Assistant Professor & HOD, Electronics & Computer Science**

**DADSCOE, Bhadgaon**



*Submitted to*

Dinkarrao K. Shinde Smarak Trust's  
**DR. A. D. SHINDE COLLEGE OF ENGINEERING.**  
Bhadgaon, Gadhingaj, Dist. Kolhapur Pin-416502  
**Department of Electronics & Computer Science**  
Academic Year 2024-25

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## Introduction

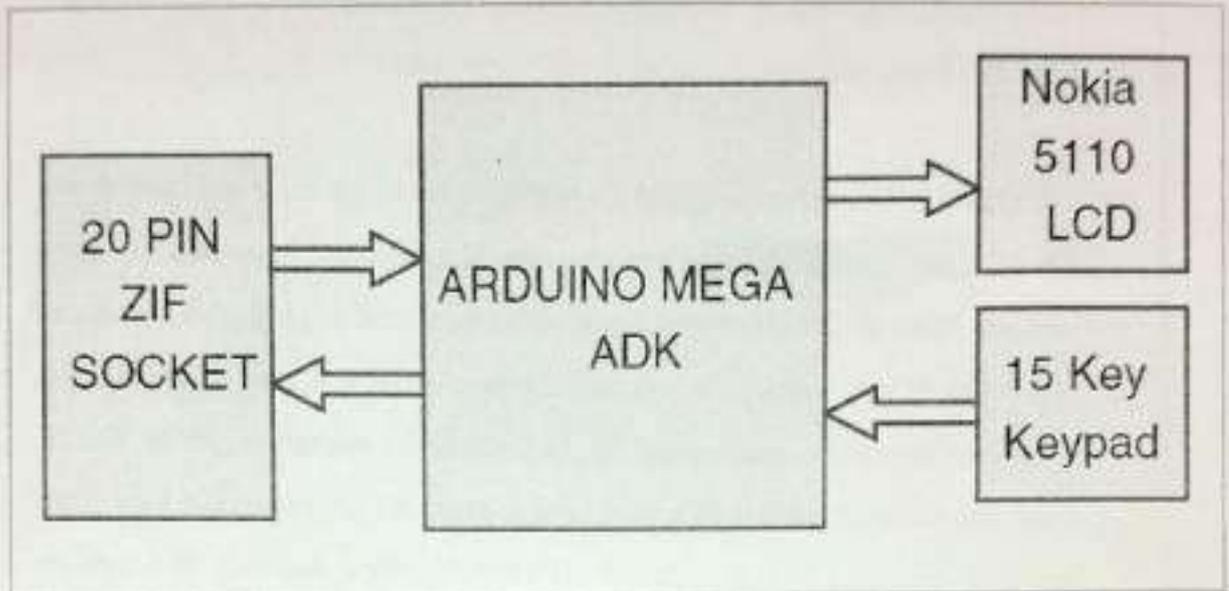
The Digital IC Tester project aims to design and develop a comprehensive testing system for digital integrated circuits (ICs). The tester will be capable of evaluating the functionality and performance of various digital ICs, including logic gates, flip-flops, counters, and other digital components.

Unlike the IC testers available in the market today which are usually expensive, this IC tester is affordable and user-friendly. This IC tester is constructed using Arduino Nano & Arduino Mega Board with a keyboard and a display unit. It can test digital ICs having a maximum of 24 pins. Since it is programmable, any number of ICs can be tested within the constraint of the memory available. This IC tester can be used to test a wide variety of ICs which includes simple logic gates and also sequential and combinational ICs like flip-flops, counters, shift registers etc. It is portable and easy to use.

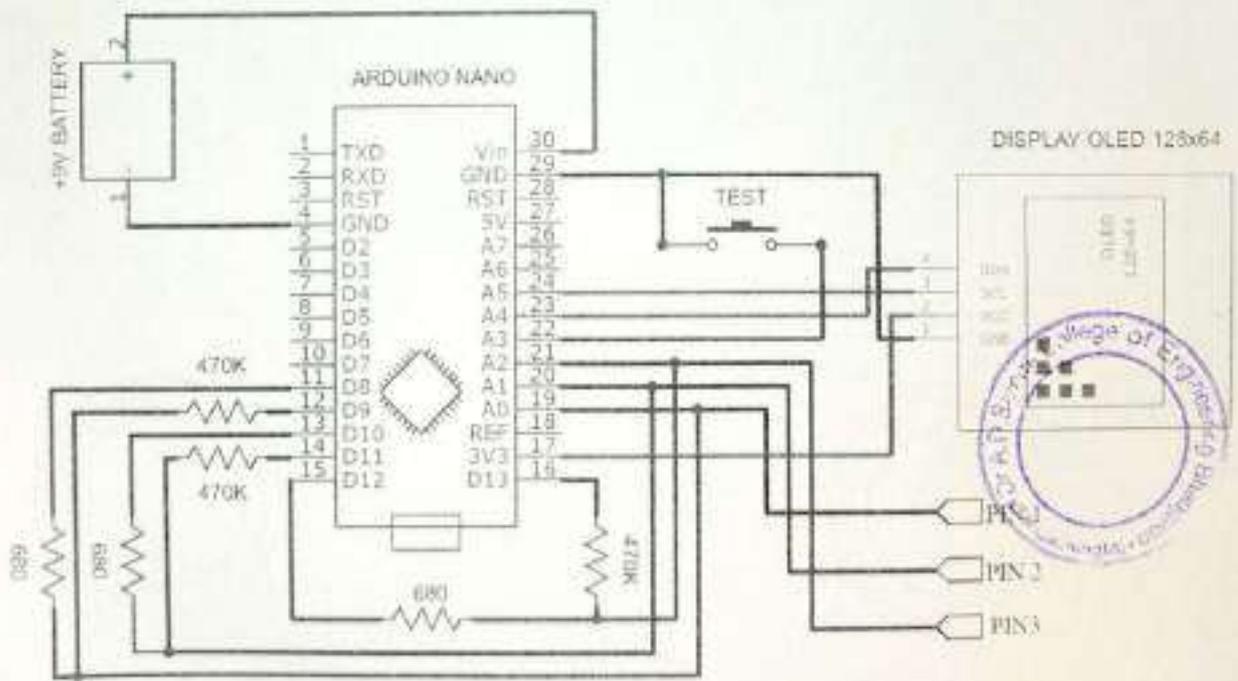


## Block Diagram

### IC Tester Using Arduino Mega



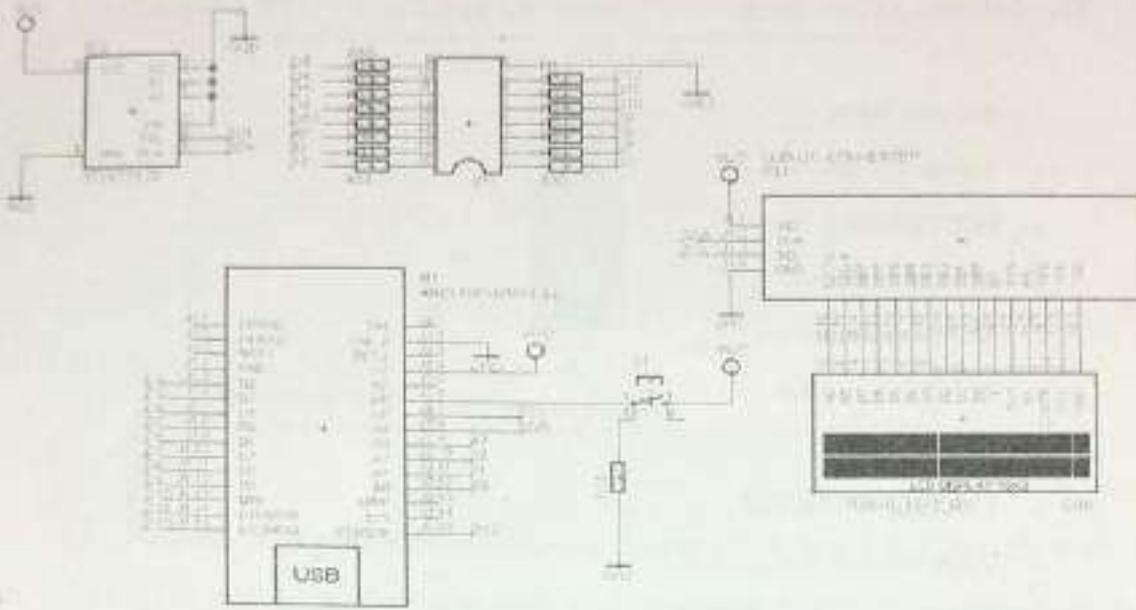
### Component Tester using Using Arduino Nano



CIRCUITDIAGRAMS.IN

ELECTRO GADGET

## Circuit Diagram Using Arduino Nano



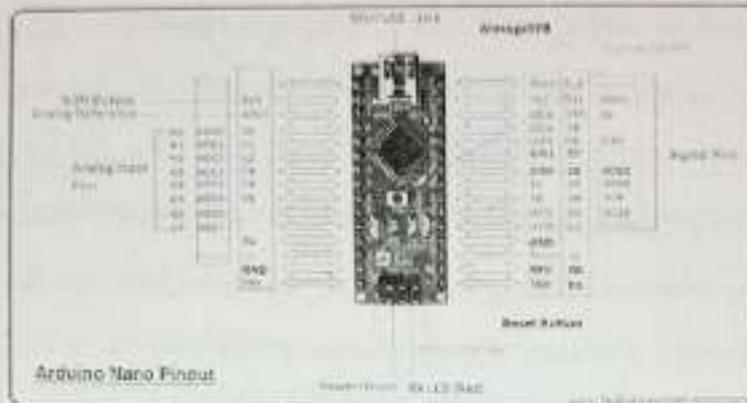
## Hardware Components

The following hardware components are used in the project:

- Arduino Nano
- Arduino Mega ADK
- OLED Display
- 470kOhm Resistors
- 680kOhm Resistors
- Arduino Nano 3.0
- Hex Keypad
- EEPROM IC 24LC512
- 7809 Voltage Regulator IC
- 7805 Voltage Regulator IC
- Resistors 480 Ohms
- Power Cord
- Zero Pcb Board
- Connecting Wires
- Soldering Iron Kit
- 16\*2 LCD Display
- DC Push Switch
- 12v Dc Power Supply
- CardBoard
- Arduino Mega 2560
- All Types Ic's (74xx Series, 40xx Series, 54xx Series)
- Capacitor,s For Testing
- 10K, 470k, 680k Resistors
- 19. I2C LCD Connector
- 20. Zip Socket 20 Pin IC Holder
- 21. 8 Pin IC Holder For EEPROM IC
- 22. IC 7432, 7408, 7400,7404, 7486,74286, 7420, . 7474,7476
- 23. IC Heat Sink Plate1)



## 1) Arduino Nano



Arduino is a microcontroller-based development board that comes with a simple programming environment. It allows users to control various types of electronic components, such as motors, sensors, lights, and more, through easy-to-understand code.

The Arduino Nano is a small, complete, and breadboard-friendly board based on the ATmega328 (Arduino Nano 3.x). It has more or less the same functionality of the Arduino Duemilanove, but in a different package. It lacks only a DC power jack, and works with a Mini-B USB cable instead of a standard one.

**VIN:** The input voltage to the Arduino/Genuino board when it is using an external power source (as opposed to 5 volts from the USB connection or other regulated power source). You

can supply voltage through this pin, or, if supplying voltage via the power jack, access it through this pin.

**5V:** This pin outputs a regulated 5V from the regulator on the board. The board can be supplied with power either from the DC power jack (7 - 20V), the USB connector (5V), or the VIN pin of the board (7-20V). Supplying voltage via the 5V or 3.3V pins bypasses the regulator, and can damage the board.

3V3: A 3.3 volt supply generated by the on-board regulator. Maximum current draw is 50 mA.

GND: Ground pins.

IOREF: This pin on the Arduino/Genuino board provides the voltage reference with which the microcontroller operates. A properly configured shield can read the IOREF pin voltage and select the appropriate power source, or enable voltage translators on the outputs to work with the 5V or 3.3V.

Reset: Typically used to add a reset button to shields that block the one on the board.

#### Special pin functions

Each of the 14 digital pins and 6 analog pins on the Uno can be used as an input or output, under software control (using `pinMode()`, `digitalWrite()`, and `digitalRead()` functions). They operate at 5 volts. Each pin can provide or receive 20 mA as the recommended operating condition and has an internal pull-up resistor (disconnected by default) of 20-50K ohm. A maximum of 40mA must not be exceeded on any I/O pin to avoid permanent damage to the microcontroller. The Uno has 6 analog inputs, labeled A0 through A5; each provides 10 bits of resolution (i.e. 1024 different values). By default, they measure from ground to 5 volts, though it is possible to change the upper end of the range using the AREF pin and the `analogReference()` function.

In addition, some pins have specialized functions:

Serial / UART: pins 0 (RX) and 1 (TX). Used to receive (RX) and transmit (TX) TTL serial data. These pins are connected to the corresponding pins of the ATmega8U2 USB-to-TTL serial chip.



External interrupts: pins 2 and 3. These pins can be configured to trigger an interrupt.

5V: This pin outputs a regulated 5V from the regulator on the board. The board can be supplied with power either from the DC power jack (7 - 20V), the USB connector (5V), or the VIN pin of the board (7-20V). Supplying voltage via the 5V or 3.3V pins bypasses the regulator, and can damage the board.

## 2) LCD Display (Optional):



An **LCD (Liquid Crystal Display)** is a commonly used output device in electronics for displaying text, numbers, and sometimes simple graphics. LCDs are widely used in projects where visual feedback is required, such as in clocks, meters, temperature displays, and more. They are easy to interface with microcontrollers like **Arduino** and can be a useful addition to projects that need to display data to the user.

## 3) Power Supply

A power supply is an electrical device that supplies electric power to an electrical load. The main purpose of a power supply is to convert electric current from a source to the correct voltage, current, and frequency to power the load. As a result, power supplies are sometimes referred to as electric power converters. Some power supplies are separate standalone pieces of equipment, while others are built into the load appliances that they power. Examples of the latter include power supplies found in desktop computers and consumer electronics devices. Other functions that power supplies may perform include limiting the current drawn by the load to safe levels; shutting off the current in the event of an electrical fault; power conditioning to prevent electronic noise or voltage surges on the input from reaching the load; power-



factor correction, and storing energy so it can continue to power the load in the event of a temporary interruption in the source power (uninterruptible power supply).

#### **4) Jumper Wires**

Jumper wires are essential components in electronics and microcontroller projects. They are used to establish connections between different electronic components, sensors, and microcontrollers like Arduino, Raspberry Pi, and other development boards

#### **5) Breadboard**

A breadboard is a crucial tool for prototyping electronic circuits without the need for soldering. It is often used in educational, DIY, and prototype development to quickly create and test circuits. Although it's not strictly necessary for all types of projects, it is highly recommended when you're working with various components and want to make changes easily.

#### **6) Push Switch**

A push button is a simple, mechanical switch used to control or trigger an action in an electronic circuit or microcontroller-based project. While optional in some projects, a push button is a fundamental component that allows you .



## Programming

### **Software Components:**

#### **A. Arduino IDE**

Platform: The Arduino Integrated Development Environment (IDE) is used to write and upload the code to the Arduino board.

Programming Language: The code is written in C/C++ using Arduino-specific libraries and functions.

#### **B. Libraries:**

We use Wire.h for I2C communication, RTCLib.h for RTC (DS3231) power.

#### **A. Key Software Functions**

The Arduino initializes the RTC and DHT sensor.

The time is fetched from the RTC and displayed on the LCD.

The program updates every second, keeping the time synchronized and the temperature reading current.



## EEPROM IC Data Reader And IC Code Data Uploader

**Example:-**

S7485

16

0100HLLG0101011V

1001LLHG1010100V

1100HLLG1010101V

0001LLHG0101010V

1100HLLG1001001V

0001LLHG0110110V

1100HLLG0111001V

0001LLHG1000110V

1001HLLG0011001V

0100LLHG1100110V

1010LHLG0011001V

0101LLL1G1100110V



## Advantages

1. **Accurate Testing:** IC tester kits provide accurate testing results, helping to identify faulty ICs and ensure that only functional ICs are used in electronic projects.
2. **Time-Saving:** IC tester kits can save time by quickly identifying faulty ICs and eliminating the need for manual testing.
3. **Improved Troubleshooting:** IC tester kits can aid in troubleshooting electronic circuits by quickly identifying faulty ICs and helping to diagnose issues.

## Disadvantages

1. **Limited IC Support:** Some IC tester kits may only support a limited range of ICs, which can be a limitation for users who need to test a wide range of ICs.
2. **Maintenance and Repair:** Some IC tester kits may require regular maintenance and repair, which can be time-consuming and costly.
3. **Space Requirements:** Some IC tester kits can be bulky and require a significant amount of space, which can be a limitation for users with limited workspace.
4. **Cost:** While IC tester kits can be cost-effective, some kits can be expensive, especially those with advanced features and capabilities.



## FEATURES

1. An IC tester is normally compact, rugged and easy to use.
2. It is a portable device.
3. It can automatically test variety of digital ICs of 6, 8, 10, 14, 16, 18, 20, 24, 28, and 40 pins.
4. Self testing facility through 'PIN TEST FACILITY' of the keyboard.
5. Facility to identify the IC number using 'AUTO FIND' of selective IC only.

## IC TESTING CATLOG

Author's prototype was used to test the following ICs successfully: 4000, 4001, 4002, 4011, 4012, 4023, 4025, 4029, 4030, 4049, 4050, 4068, 4069, 4070, 4071, 4072, 4073, 4075, 4077, 4081, 4082, 4093, 5408, 5409, 5411, 5421, 5479, 7266, 7400, 7401, 7402, 7403, 7404, 7405, 7408, 7409, 7410, 7411, 7412, 7414, 7420, 7421, 7427, 7430, 7432, 7473, 7474, 7476, 7478, 7479, 7486, 74132 and 74393.



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2]Boxall.J. (2013), Arduino Workshop, No Starch Press, San Francisco
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**Dr. A. D. Shinde College of Engineering, Bhadgaon.**  
**SUMMARY OF FINAL YEAR PROJECTS**

Sr. No	Department	Year	No of students	No of projects
1	Mechanical Engg.	2024-25	27	06
2	Electrical Engg.		24	06
3	Civil Engg.		56	12
4	Electronics & Computer Science		NA	NA
5	Computer Science & Engg.		NA	NA



  
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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 KHANDERAO		
	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		
	2021072462	DHURI VINAYAK MARUTI		
G04	2021072610	MOHITE KIRAN SHIVAJI	Power Generation using Gym equipments.	Mr. K. S. Joshi
	2021072082	SALOKHE ADITYA ARUN		
	2021071690	JADHAV NITEESH DASHARATH		
	2021072339	PATIL SIDDHANT DATTATRAY		
	2018092848	PATIL AKSHAY VASANT		
G 05	2016106433	DEVADKAR TEJASHRI I	Smart IOT based robotic nurse with multi language voice interactivity.	Dr. S. A. Mehta
	2021072285	HUNDALEWADKAR NIKHIL S		

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

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



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# DR.A. D. SHINDE COLLEGE OF ENGINEERING

Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502

## Department of Mechanical Engineering

### 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	PRN.NO
Mr. Sonu Saurav Ashok Kumar Singh	2022086385
Mr. Desai Pravin Shivgonda	2022086987
Mr. Patil Rahul Shivaji	2022086731
Mr. Sonale Dipak Balaso	2022079008
Mr. Desai Jayant Khanderao	2022086799

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

Dept. of Mechanical Engg.  
Dr. A. D. Shinde College of Engg.  
Bhadgaon, Gadhinglaj.

Prof. G. M. Kumbhar

Head of Department

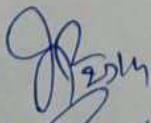
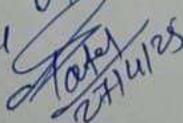
Vice Principal  
Dr. A. D. Shinde College of Engineering  
Bhadgaon, Gadhinglaj, Dist. Kolhapur

Dr. Vireshkumar G. Mahad

Dean Academics

Signature with date

Name of Examiners

Prof. I. T. Patel   
Prof. S. S. Patel 

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**DR.A. D. SHINDE COLLEGE OF ENGINEERING.**  
Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502  
**Department of Mechanical Engineering**  
**Academic Year 2024-25**



**CERTIFICATE**

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

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

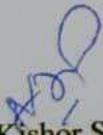
**Mr. Kiran S. Mohite (PRN: 2021072610)**

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

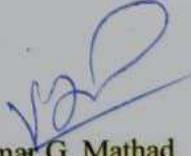
**Mr. Rohit Y. Ramase (PRN:2022086971)**

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

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

  
Prof. Kishor S. Joshi  
Guide

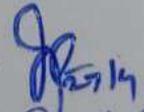
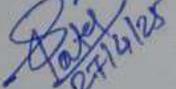
  
Prof. Gururaj M. Kumbhar  
Head of Department

  
Dr. Vireshkumar G. Mathad  
Dean Academics

**Dean Academic**  
**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

Dinkarrao K. ShindeSmarak Trusts  
**DR.A. D. SHINDE COLLEGE OF ENGINEERING.**  
Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502  
**Department of Mechanical Engineering**  
**Academic Year 2024-25**



**CERTIFICATE**

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

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

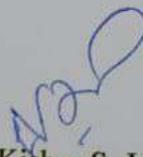
**Mr. Kiran S. Mohite (PRN: 2021072610)**

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

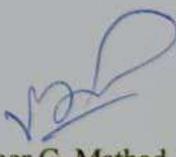
**Mr. Rohit Y. Ramase (PRN:2022086971)**

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

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

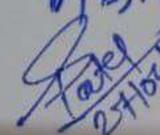
  
Prof. Kishor S. Joshi  
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Dept. of Mechanical Engg.  
Dr.A.D. Shinde College of Engg.  
Bhadgaon, Tal. Gadhinglaj, Dist. Kolhapur.  
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Dean Academics  
Dean Academic  
Dr.A.D. Shinde College of Engineering  
Bhadgaon, Tal. Gadhinglaj, Dist. Kolhapur

Name of Examiners

Signature with date

1) Prof. - I. T. Patel -   
2) Mr. S. S. Patel -   
24/04/25

Dinkarrao K. Shinde Smarak Trusts  
**DR.A. D. SHINDE COLLEGE OF ENGINEERING.**  
Bhadgaon, Gadhinglaj, Dist: Kolhapur Pin:416502  
**Department of Mechanical Engineering**  
**Academic Year 2024-25**



**CERTIFICATE**

*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>

*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. A. S. Bhoi

Guide

Prof. G. M. Kumbhar

HOD

Dep. Head of Department Engg.  
Dr. A. D. Shinde College of Engg.  
Bhadgaon, Tal. Gadhinglaj, Dist. Kolhapur.

Dr. Vireshkumar G. Mathad

Dean Academics

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

Name of Examiners

1) Prof. J. T. Patel -

2) Mr. S. S. Patel -

Signature with date



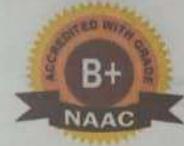
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**DR.A. D. SHINDE COLLEGE OF ENGINEERING**

Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502

**Department of Mechanical Engineering**

**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**

**PRN.NO**

Mr. Sonu Saurav Ashok Kumar Singh

2022086385

Mr. Desai Pravin Shivgonda

2022086987

Mr. Patil Rahul Shivaji

2022086731

Mr. Sonale Dipak Balaso

2022079008

Mr. Desai Jayant Khanderao

2022086799

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



Dinkarrao K. Shinde Smarak Trusts

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

Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502

Department of Electrical Engineering

Academic Year 2024-25



### Project Diary 2024-2025

ROLL No	PRN	Student Name	Group	Guide	Topic Name
1	2022078860	PATIL SHRAVAN S. ALIAS SHEKHAR	EEO1	Dr. Vireshkumar Mathad	Design and performance analysis of KCL and KVL laboratory kit
2	2021073440	PATIL KARAN NITIN			
3	2022086369	SUTAR AVADHUT GANAPATI			
4	2022086495	HUJARE RANJEET RANGARAO			
5	2022085721	KAMBLE ROHIT RAJAN	EEO2	Prof. Amar Bandekar	Design and performance analysis of Ohm's law laboratory kit
6	2022078741	PATIL VIVEK SUNIL			
7	2022086468	KOTHAVALA VIJAY VASANT			
8	2022078739	KAMBLE SHRUTIKA HANMANT			
9	2022078767	DANG VINAY VISHWANATH	EEO3	Prof. S. C. Gandh	Design and performance analysis of power measurement using two wattmeter method laboratory kit
10	2022078799	DESAI SHRADDHA PANDURANG			
11	2021072353	PATIL RUSHIKESH RAMESH			
12	2021073469	KITTUR ABHISHEK VINAY			
13	2022086449	THANEKAR MANASI DILIP	EEO4	Prof. S. C. Killedar	Design and performance analysis of measurement of R, L and C laboratory kit
14	2021073460	PEDNEKAR RAHUL			
15	2021072386	SHINDE PRASHANT			
16	2021073467	DESAI ARPITA SAMBAJI			
17	2022086450	REGADE MOHINI MAHADEV	EEO5	Prof. A. S. Boragave	Design and performance analysis of lamp characteristics verification laboratory kit
18	2022087180	MALI PALLAVI DILIP			
19	2021072385	JADHAV SOURABH DHANAJI			
20	2022086368	SARASWATI DAVARI			
21	2021072360	DHABALE ASMITA MARUTI	EEO6	Prof. Basavaraj Angadi	Design and performance analysis of one lamp from two place and one lamp from three place laboratory kit
22	2021072388	SANAGAR SAMARTH VIJAY			
23	2021072375	PARLE DIGVIJAY SATAPPA			
24	2022086453	Komal J Patil			

**DR. A. D. SHINDE COLLEGE OF ENGINEERING, BHADGAON, GADHINGLAJ****DEPARTMENT OF CIVIL ENGINEERING****PROJECT GROUPS : 2024-25**

Sr. No.	Group No.	PRN No.	STUDENT NAME	PROJECT NAME	GUIDE NAME
1	CE-01	2021072908	BHOSALE AVINASH TUKARAM	Comparative Study of Design of Water Tank with reference to IS:3370	MR. A. S. MADKARI (8600230152)
2		2022087146	BHAT VAISHNAVI NETAJI		
3		2021072784	BIRAJDAR MADHAV SUDHAKAR		
4		2021072087	CHAVAN AKSHAY RAMU		
5		2021072122	SHENDE VIKAS SARJERAO		
6	CE-02	2021072851	CHAVAN RUTWIK RAGHUNATH	Partial Replacement of Cement with Biochar	MR. S. R. WADAGULE (9970035875)
7		2022084716	CHAVAN SANTOSH DHANAJI		
8		2021072045	CHOPADE INDRAKUMAR RAMESH		
9		2021072794	DESAI AJINKYA ANNASAHEB		
10		2022084994	GURAV ADITYA RAJENDRA		
11	CE-03	2022086488	DESAI PRUTHVIRAJ DATTATRAY	Electricity Generation from Solid Waste	MS. P. S. SHIRAGAVI (9850083107)
12		2021072221	DESAI ROHIT MAHENDRA		
13		2022087016	DESAI SURAJ NARAYAN		
14		2022087305	PATIL RAHUL SHIVGOUDA		
15		2022086781	DHULUGADE PRATHAMESH SANJAY		
16	CE-04	2022086516	GAWADE MAYURI MASHNU	Climate Impact on Water Resources	MR. V. S. PATIL (8308842332)
17		2022086532	GHAVARE AMOL ASHOK		
18		2021072646	HAJARE SWAPNIL ASHOK		
19		2022086755	INGALE SHIVRAJ JAYSING		
20		2021072347	KOKITKAR SANTOSH VIJAY		
21	CE-05	2022087063	JADHAV VAIJAYANTIMALA CHANDRA	Parametric Study on Structural Behaviour of Mast/Transmission Towers & also Design of Connections	MR. A. S. MADKARI (8600230152)
22		2020075906	KAMBLE BHUSHAN BABAN		
23		2022078764	KAMBLE HARISH EKNATH		
24		2022087061	KAMBLE MAHESH BALU		
25		2022078968	KULKARNI ANIRUDDHA UMESH		
26	CE-06	2022085641	KUMBHAR KRISHNAT RAGHUNATH	Experimental Study on Behaviour of Concrete by using Rice husk & Weld slag	MR. S. R. WADAGULE (9970035875)
27		2022087105	LOHAR SHIRISH ASHOK		
28		2021071974	MASKAR PAVAN RAJENDRA		
29		2022086483	MATIWADD MANASI ANIL		
30	CE-07	2022085254	MORBALE SHUBHAM VILAS	Study of Traffic Volume & its Safety measures on National Highway	MR. R. V. SAVYANAVAR (7887590731)
31		2021072055	SAWANT AVISHKAR HINDURAO		
32		2021071860	MORE SANKET GANAPATI		
33		2022085174	NANDUDKAR SHUBHAM SHIVAJI		
34		2022086742	NARATAVADEKAR VINAYAK DEELIP		
35	CE-08	2021071885	PAKHANE ROHIT HIRAMAN	Green Energy & Indoor Technologies for Smart Building	MS. P. S. SHIRAGAVI (9850083107)
36		2021071903	PALASULE PRATHAMESH DAYANAND		
37		2022086472	PANORI MAHESHANAND MAHADEV		
38		2022086511	PATIL ABHIRAJ ANNASAHEB		
39		2022086786	PATIL AMRUTA KRISHNAT		

40	<b>CE-09</b>	2022086496	PATIL ANIKET JAYSING	Study on Fiber Reinforced Concrete with M-Sand	MS. V. V. CHOUGULE (7887590731)
41		2021073418	PATIL KETAN NAGESH		
42		2022086382	PATIL RASIKA MANOHAR		
43	<b>CE-10</b>	2022086969	PATIL SAMARJEET SUJITKUMAR	Soil Stabilisation by using Lime & Fly ash	MR. R. V. SAVYANAVAR (7887590731)
44		2022086703	PATIL SANDHYA NAMDEV		
45		2022086533	PATIL SANKET SUBHASH		
46		2022085516	PATIL SHRIDHAR YASHVANT		
47		2022086797	POWAR SATYAJIT SHASHIKANT		
48	<b>CE-11</b>	2022084534	RANE RAHUL NIVRITI	Innovative Technologies for Water Conservation in Warming Climate	MR. V. S. PATIL (8308842332)
49		2022087020	SARAVADE MILIND ANANDA		
50		2021071920	SHAIKH SAJID RAJMAHMAD		
51		2020076371	SUTAR VISHAL DHANAJI		
52		2021072840	TAMBEKAR VINAYAK DATTATRAY		
53	<b>CE-12</b>	2021074343	GAWAS DNYANESHWAR DATTU	Visual Analysis & Structural Audit	MS. V. V. CHOUGULE (7887590731)
54		2021072091	KAMBLE AKASH DATTATRAY		
55		2022086734	SANGAR PRATIK RAJENDRA		
56		2022086975	KORGAONKAR SANKET ANIL		



  
**HOD**  
 Dept. of Civil Engineering  
 Dr. A. D. Shinde College of Engineering  
 A/o. Bhadgaon, Gadhinglaj.



Dinkarrao K. Shinde Smarak Trusts

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

Bhadgaon, Gadhinglaj, Dist: Kolhapur Pin:416502

**Department of Civil Engineering**

**Academic Year 2024-25**

**CERTIFICATE**

*This is to certify that Project titled "Road Safety Audit On National Highway 40 From Nandyal To Kurnool" is a bonafide work of*

**Mr. Vinayak Deelip Naratavadekar (PRN: 2022086742)**

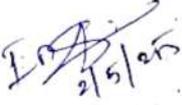
**Mr. Shubham Shivaji Nandudkar (PRN: 2022085174)**

**Mr. Shubham Vilas Morbale (PRN: 2022085254)**

**Mr. Sanket Ganapati More (PRN: 2021071860)**

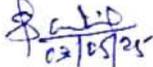
*This project report fulfills the academic requirements prescribed for the award of Bachelor of Technology degree in Civil Engineering during the academic year 2024-25.*

  
Prof. R. V. Savyanavar  
Guide

  
Prof. A. S. Madakari  
Head of Department

  
Dr. Vireshkumar G. Mathad  
Dean Academic  
Dr.A.D.Shinde College of Engineering  
Bhadgaon, Tal.Gadhinglaj, Dist.Kolhapur

Name of Examiners *Ms. Patil S.S.*

Signature with date   
*02/05/25*





Dinkarrao K. ShindeSmarak Trusts  
**DR.A. D. SHINDE COLLEGE OF ENGINEERING.**  
Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502  
**Department of Civil Engineering**  
**Academic Year 2024-25**

**CERTIFICATE**

*This is to certify that Project titled "Experimental Study of Concrete Canvas" is a bonafide work of*

**Mr. Krishnat R. Kumbhar (PRN: 2022085641)**

**Mr. Shirish A. Lohar (PRN: 2022087105)**

**Mr. Pavan R. Maskar (PRN: 2021071974)**

**Miss. Manasi A. Matiwadd (PRN: 2022086483)**

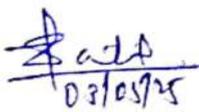
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Prof. S. R. Wadagule  
Guide

  
Prof. A. S. Madakari  
Head of Department

  
Dr. Vireshkumar G. Mathad  
Dean Academic  
Dr.A.D. Shinde College of Engineering  
Bhadgaon, Tal. Gadhinglaj, Dist. Kolhapur

Name of Examiners **Mr. Patil V.S.**

Signature with date   
03/05/25

Dinkarrao K. Shinde Smarak Trusts

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

Bhadgaon, Gadhinglaj, Dist: Kolhapur Pin:416502

**Department of Civil Engineering**

**Academic Year 2024-25**



**CERTIFICATE**

*This is to certify that Project titled "**CLIMATIC IMPACT ON WATER RESOURCES**" is a bonafide work of*

**Mr. Shivraj J. Ingale**

**PRN:2022086755**

**Mr. Amol A. Ghavare**

**PRN:2022086532**

**Ms. Mayuri M. Gawade**

**PRN:2022086516**

**Mr. Swapnil A. Hajare**

**PRN:2021072646**

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

Prof. V. S. Patil  
Guide

Prof. A. S. Madakari  
Head of Department

Dr. V. G. Mathad  
Dean Academics  
**Dean Academic**

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

Name of Examiners **Mr. Patil V.S.**

Signature with date **02/05/25**



Dinkarrao K. Shinde Smarak Trusts

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

Bhadgaon, Gadhinglaj, Dist: Kolhapur Pin:416502

**Department of Civil Engineering**

**Academic Year 2024-25**



**CERTIFICATE**

*This is to certify that Project titled "ELECTRICITY GENERATION FROM SOLID WASTE" is a bonafide work of*

**Mr. Pruthviraj D. Desai**

**PRN:2022086488**

**Mr. Prathmesh S. Dhulugade**

**PRN:2022086781**

**Mr. Rahul S. Patil**

**PRN:2022087305**

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

Prof. Ms. P. S. Shiragavi  
Guide

Prof. A. S. Madakari  
Head of Department

Dr. V. G. Mathad  
Dean Academics

Name of Examiners **Mr. Patil U.S.**

Signature with date **Patil**  
**03/05/25**



Dinkarrao K. Shinde Smarak Trusts  
**DR. A. D. SHINDE COLLEGE OF ENGINEERING.**  
Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502  
**Department of Civil Engineering**  
**Academic Year 2024-25**



**CERTIFICATE**

This is to certify that Project titled **“LOW WEIGHT SUSTAINABLE CONCRETE WITH BAGASSE ASH”** is a bonafide work of

**Miss. Vaishnavi N. Bhat**

**PRN: 2022087146**

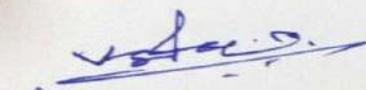
**Mr. Avinash T. Bhosale**

**PRN: 2021072908**

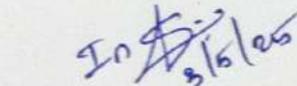
**Mr. Madhav S Birajdar**

**PRN :2021072784**

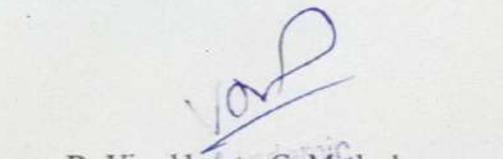
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Prof. A.S. Madakari

Guide

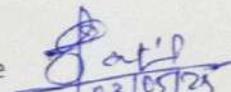
  
Prof. A.S. Madakari

Head of Department

  
Dr. Vireshkumar G. Mathad  
Dean Academics  
Dr. A. D. Shinde College of Engineering  
Bhadgaon, Tal. Gadhinglaj, Dist. Kolhapur

Name of Examiners **Mr. Patil V.S.**

Signature with date

  
03/05/25



Dinkarrao K. Shinde Smarak Trusts  
**DR. A. D. SHINDE COLLEGE OF ENGINEERING.**  
Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502  
**Department of Civil Engineering**  
**Academic Year 2024-25**

**CERTIFICATE**

*This is to certify that Project titled "Tunnel Formwork Technology" is a bonafide work of*

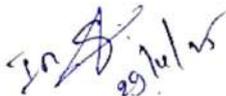
**Mr. Indrakumar R. Chopade** (PRN: 2021072045)

**Mr. Ajinkya A. Desai** (PRN: 2021072794)

**Mr. Santosh D. Chavan** (PRN: 2022084716)

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

  
Prof. S/R. Wadagule  
Guide

  
Prof. A. S. Madkari  
Head of Department

  
Dr. V. G. Mathad  
Dean Academics  
Dean Academic  
Dr.A.D.Shinde College of Engineering  
Bhadgaon, Tal. Gadhinglaj, Dist. Kolhapur

Name of Examiners **Mr. Patil U.S.**

Signature with date   
03/05/25



Dinkarrao K. Shinde Smarak Trusts

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

Bhadgaon, Gadhinglaj, Dist: Kolhapur Pin:416502

**Department of Civil Engineering**

**Academic Year 2024-25**

**CERTIFICATE**

*This is to certify that Project titled "Green Energy and Indoor Technology for Smart Buildings" is a bonafide work of*

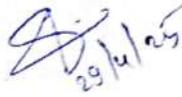
**Mr. Maheshanand Mahadev Panori (PRN: 2022086472)**

**Mr. Abhiraj Annasaheb Patil (PRN: 2022086511)**

**Mr. Prathemesh Dayanand Palsule (PRN: 2021071903)**

**Mr. Rohit Hiranman Pakhane (PRN: 2021071885)**

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

  
29/11/25

Prof. Pooja S. Shiragavi  
Guide

  
29/11/25

Prof. A. S. Madakari  
Head of Department



Dr. Vireshkumar G. Mathad  
Dean Academics

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

Name of Examiners *Ms. Patil S.S.*

Signature with date *2025*  
10/11/25





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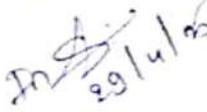
**CERTIFICATE**

*This is to certify that Project titled "Study On Fiber Reinforced Concrete With M-Sand" is a bonafide work of*

Miss. Amruta Krishnat Patil	(PRN: 2022086786)
Miss. Rasika Manohar Patil	(PRN: 2022086382)
Mr. Aniket Jaysing Patil	(PRN: 2022086496)
Mr. Ketan Nagesh Patil	(PRN: 2021073418)
Mr. Dnyaneshwar Dattu Gawas	(PRN: 2021074343)

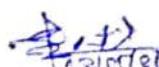
*This project report fulfills the academic requirements prescribed for the award of Bachelor of Technology degree in Civil Engineering during the academic year 2024-25.*

  
Prof. Ketakee Gurav  
Guide

  
Prof. A. S. Madakari  
Head of Department

  
Dr. Vireshkumar G. Mohad  
Dean Academics  
Dr.A.D. Shinde College of Engineering  
Bhadgaon, Tal. Gadhinglaj, Dist. Kolhapur

Name of Examiners *Ms. Patil S.S.*

Signature with date   
*29/11/25*

Dinkarrao K. Shinde Smarak Trusts

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

Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502

**Department of Civil Engineering**

**Academic Year 2024-25**



**CERTIFICATE**

*This is to certify that Project titled "Innovative Technologies for Water Conservation in Warming Climate" is a Bonafide work of*

**Mr. VINAYAK D. TAMBEKAR** PRN:2021072840

**Mr. VISHAL D. SUTAR** PRN:2020076371

**Mr. SAJID R. SHAIKH** PRN:2021071920

**Mr. MILIND A. SARAVADE** PRN:2022087020

**Mr. RAHUL N. RANE** PRN:2022084534

*This project report fulfils the academic requirements prescribed for the award of Bachelor of Technology degree in Civil Engineering during the academic year 2024-25.*

Prof. V. S. Patil  
Guide

Prof. A. S. Madakari  
Head of Department

Dr. V. G. Mathad  
Dean Academics  
**Dean Academic**

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

Name of Examiners **Mr. Patil V.S.**

Signature with date





**Dinkarrao K. Shinde Smarak Trusts**  
**DR. A. D. SHINDE COLLEGE OF ENGINEERING,**  
**Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502**



## Industrial Visit

Sr. No	A.Y.	Department	Industry Name	Date	Total Students
1	2024-25	Electronics & Computer Science	Robosap Innovation Pvt. Ltd. Nipani	19/10/2024	24
2		Civil Engineering	Ch. Shahu Terminals Kolhapur	11/04/2025	38
3		Civil Engineering	Sewage Treatment plant Kolhapur	11/04/2025	38
4		Mechanical Engineering	Paras Motor Driving institute	16/03/2025	28
5			Tata motors servicing centre	16/03/2025	28



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



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

Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502

**Academic Year 2024-25**

**Department of Electronics & Computer Science**



NOTICE

All the students of second year B. Tech are hereby informed that on Saturday, 19/10/2024 department has planned industrial visit at Robosap Innovation Pvt. Ltd. Nipani. Kindly attend the visit without fail.

Reporting Time: After First Class (10.30am)

*R. B. Shinde*  
HOD

**Electronics & Computer Science**  
**Dr.A.D.Shinde College of Engineering**  
**A/P.Bhadgaon.Tal.Gadhinglaj**





Dinkarrao K. Shinde Smarak Trusts

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

Bhadgaon, Gadhinolaj. Dist: Kolhapur Pin:416502

**Academic Year 2024-25**

**Department of Electronics & Computer Science**



To,  
The Principal,  
DADSCOE, Bhadgaon.

Subject: Permission for industrial visit at Robosap Innovation Pvt. Ltd. Nipani.

Respected Sir,

As per curriculum of second year engineering department we have planned industrial visit for second year Electronics & Computer Science department on Saturday, 19/10/2024 at Robosap Innovation Pvt. Ltd. Nipani.

Kindly requesting to permit for the same.

Total students: 30

Total Staff: 02

Thanking You,

Yours Faithfully,

*Band*  
HOD

Electronics & Computer Science  
Dr.A.D.Shinde College of Engineering  
A/P.Bhadgaon, Tal.Gadhinolaj

*Permitted*  
*Shinde*  
18/10/24.





Dinkarrao K. Shinde Smarak Trust's

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

Guddai, A/P: Bhadgaon, Tal: Gadhinglaj, Dist: Kolhapur.

Approved by AICTE, Delhi, DTE Mumbai and Govt of Maharashtra. Affiliated to Shivaji University, Kolhapur

E-mail: [principal.dadscoe@gmail.com](mailto:principal.dadscoe@gmail.com) Ph. No.: 02327-250650, 08380049000.

DTE CODE - EN 6878

DADSCOE/6878/24.25/367

Date: 18/10/2024

To,  
Managing Director,  
Robosap Innovation Pvt. Ltd. Nipani.

Subject: Sincere thanks for permitting industrial visit.

Dear Sir/Madam,

With reference to above subjects, we Electronics & Computer Science department are thankful to you for granting us permission for industrial visit (dated 19/10/2024, Saturday) at Robosap Innovation Pvt. Ltd. Nipani. Hope, our second-year engineering students got useful knowledge relate to electronics engineering. We are definitely prepared for future co-operation.

Your assistants and positive approach will help our students for career building.

Thanking You,

Dr. D. V. Ghewade.

PRINCIPAL

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

*Received  
Madam*



Dinkarrao K. Shinde Smarak Trust's

**DR. A. D. SHINDE**

**COLLEGE OF ENGINEERING**

Guddai, A/P: Bhadgaon, Tal: Gadhinglaj, Dist: Kolhapur.

Approved by AICTE, Delhi, DTE Mumbai and Govt of Maharashtra. Affiliated to Shivaji University, Kolhapur

E-mail: [principal.dadscoc@gmail.com](mailto:principal.dadscoc@gmail.com) Ph. No.: 02327-250650, 08380049000.

DTE CODE - EN 6878



DADSCOE/6878/24-25/366

Date: 17/10/2024

To,  
Managing Director,  
Robosap Innovation Pvt. Ltd. Nipani.

Subject: Regarding permission to industrial visit.

Dear Sir/Madam,

Our institute Dr. A. D. Shinde College of Engineering, Bhadgaon is affiliated to Shivaji University, Kolhapur. As per curriculum it is mandatory to industrial visit for S. Y. B. Tech engineering students. For this we are planning to visit your plant on Saturday, 19<sup>th</sup> October 2024. Hence, we are requesting to allow us to visit the plant.

No of students: 30

No of Staff: 02

Thanking You,

Dr. D. V. Ghewade.

**PRINCIPAL**

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

*Received  
Office*





Dinkarrao K. Shinde Smarak Trusts

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

Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502

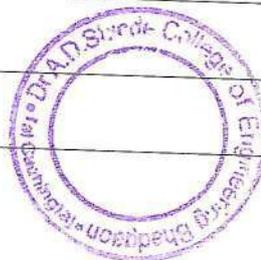
**Academic Year 2024-25**

**Department of Electronics & Computer Science**



Attendance for industrial Visit at Robosap Innovation Pvt. Ltd. Nipani.

Sr. No	Name of the students	Signature
1	Omkar M Patil	
2	Ritesh R Jondhale	
3	Sahil S. Hosamble	
4	Harshad V. Kasalkar	
5	Pranod T. Patil	
6	Sarvesh S. Desai	
7	Shreyash T Maadum	
8	Gundavar S. Gorai	
9	Arun J. Bongarde	
10	Vikram A. Kute	
11	Prathamesh P. Pedaneekar	
12	Swapnil B. Patil	
13	Anrika. R. Chougule	
14	Prachi S. Rane	
15	Shraddha D. Patil	
16	Sakshi P. Jadhav	
17	Namrata. E. Pilaware	
18	Smiksha. S. Kolekar	
19	Megha. B. Hule	
20	Diksha N. Sutar	
21	Nikita B. Waingade	





Dinkarrao K. Shinde Smarak Trusts

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

Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502

**Academic Year 2024-25**

**Department of Electronics & Computer Science**



22	Peachi Sanjay Bhalawane	<u>Peachi</u>
23	Sanika Sanjay Konde	<u>Sanika</u>
24	Shweta Ganpatrao Hodge	<u>Shweta</u>
25		
26		
27		
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34		
35		



Band

**HOD**

**Electronics & Computer Science  
Dr.A.D.Shinde College of Engineering  
A/P.Bhadgaon, Tal.Gadhinglaj**

## VISIT PHOTOS







## Visit Report

**Date of Visit:** 11 April 2025

**Location:** Ch. Shahu Maharaj Terminus, Kolhapur

**Class:** Final Year B.Tech

### **1. Introduction:**

The site visit to **Ch. Shahu Maharaj Terminus** in Kolhapur was organized to gain insights into the civil engineering aspects related to railway infrastructure. The primary focus was on understanding the components of a railway station, the management of railway traffic, and the construction and maintenance of railway tracks. This report highlights the key observations made during the visit, which provided valuable knowledge for the practical application of civil engineering principles in railway infrastructure.

### **2. Objective of the Visit:**

The objectives of the visit were as follows:

- To understand the different components that make up a railway station.
- To observe the system of railway traffic management at the terminus.
- To learn about the construction techniques and maintenance practices of railway tracks.
- To understand the safety measures and regulatory standards followed in railway infrastructure.

### **3. Site Description:**

**Ch. Shahu Maharaj Terminus** is an important railway station located in Kolhapur, Maharashtra, providing connectivity for local and intercity travel. The terminus has multiple platforms, passenger amenities, and significant railway infrastructure that supports smooth operations. The terminus plays a crucial role in maintaining efficient and timely operations of railway services in the region.

Key components observed include:



- **Railway Platforms:** Several platforms that accommodate a variety of trains (local, express, and freight).
- **Track Layout:** The station has a complex track layout to manage multiple train movements.
- **Signal Systems:** Advanced signal systems ensure smooth traffic flow, preventing collisions and improving safety.

#### 4. Observations:

##### a. Components of Railway Station:

- **Railway Tracks:** The station is equipped with **broad gauge railway tracks** made of high-strength steel rails. These tracks are supported by **concrete or wooden ties** that are properly spaced and anchored with track fasteners.
- **Platforms:** The platforms at Ch. Shahu Maharaj Terminus are designed to accommodate a high volume of passengers. They are constructed with **reinforced concrete slabs** and are equipped with safety features such as barriers and proper lighting.
- **Overhead Equipment (OHE):** For electric trains, the terminus has overhead wires to supply electricity. The OHE system consists of masts, wires, and other supporting components to ensure safe and efficient power distribution.
- **Railway Signalling:** The station uses both **manual and automated signalling systems** to manage traffic flow. Signals indicate whether a train can proceed or stop, helping to manage train movement across different tracks.

##### b. Railway Traffic Management:

- **Scheduling & Coordination:** The station utilizes a computerized system to manage train schedules and coordinate train arrivals and departures. A central control room at the terminus is responsible for overseeing the train traffic.
- **Track Switching:** The station is equipped with **manual and automated points** (railroad switches) to redirect trains onto different tracks. These are essential for ensuring that trains are diverted to the correct platform or track based on schedules.
- **Safety Measures:** Safety is a priority, with features like **automatic level crossing gates, track circuits** (to detect train presence), and **communication systems** between the station master and train operators.
- **Train Yard:** The train yard located near the terminus is used for train assembly and disassembly. Here, the trains are maintained, and their tracks are checked for wear and tear.



### c. Construction & Maintenance of Railway Tracks:

- **Track Construction:** Railway tracks are constructed with **high-strength steel rails** bolted onto **concrete or wooden ties**. The track foundation is built using crushed stone ballast, which is placed under the ties to provide stability, maintain alignment, and ensure proper drainage.
  - **Ballast:** The use of **crushed stone ballast** helps to maintain track stability and drainage.
  - **Track Geometry:** Ensuring the correct alignment and gradient of the tracks is essential for safe train operations. The curvature, cant (tilt), and level of the tracks are closely monitored.
- **Maintenance of Railway Tracks:**
  - **Track Inspection:** Regular inspections are carried out to check for any signs of wear, cracks, or displacement. **Track geometry cars** (specialized inspection vehicles) are sometimes used to detect irregularities in track alignment.
  - **Track Renewal:** Over time, the wear and tear of the tracks require renewal. This involves replacing old rails and ties with new ones.
  - **Rail Grinding:** The tracks undergo **rail grinding** to remove surface defects and smoothen the track for smoother train movement.
  - **Pothole and Crack Repair:** Maintenance crews fill any cracks or potholes that may form on the tracks to ensure safety and smooth movement.
  - **Switch Maintenance:** The switches and points on tracks are frequently checked for wear and lubricated to ensure smooth operation when changing tracks.

### 5. Learning Outcomes:

From this site visit, I gained a deeper understanding of several key civil engineering concepts related to railway infrastructure:

- The technicalities involved in the **construction of railway tracks**, including materials and methods used for track laying and maintenance.
- The role of **signal systems** and how they ensure safe train operations by preventing collisions and managing traffic effectively.
- The importance of **traffic management** at railway stations, including the systems in place for coordinating train movements and maintaining schedule adherence.
- The need for **regular inspection and maintenance** to ensure the long-term durability and safety of railway infrastructure.



## 6. Conclusion:

The site visit to **Ch. Shahu Maharaj Terminus** provided valuable insights into the civil engineering aspects of railway infrastructure. It was a comprehensive learning experience, which enhanced my understanding of how railway stations function, the construction and maintenance of railway tracks, and how traffic is managed to ensure safety and efficiency. This knowledge will be helpful in my academic career and future projects in transportation engineering.

I would like to express my gratitude to the faculty and the station staff for providing us with the opportunity to visit the terminus and for sharing their expertise during the site tour.



**HOD**

Dept. of Civil Engineering  
Dr. A.D. Shinde College of Engineering  
A/p. Bhadgaon, Gadhinglaj.



**PRINCIPAL**

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





Kolhapur, Maharashtra, I...

P63r+252, Railway Colony, Shahupuri,

Kolhapur, Maharashtra 416001, India

Lat 16.70215° Long 74.240452°

11/04/2025 12:17 PM GMT +05:30

Google

GPS Map Camera





# Dr. A. D. Shinde College of Engineering, Bhadgaon

## Department of Civil Engineering

### Site Visit Attendance Sheet



Class- Final Year B.Tech

A.C- 2024-25

Sr No.	PRN	Name of student	Sign
1	2022087146	BHAT VAISHNAVI NETAJI	
2	2021072908	BHOSALE AVINASH TUKARAM	
3	2021072784	BIRAJDAR MADHAV SUDHAKAR	-
4	2021072087	CHAVAN AKSHAY RAMU	-
5	2021072851	CHAVAN RUTWIK RAGHUNATH	
6	2022084716	CHAVAN SANTOSH DHANAJI	
7	2021072045	CHOPADE INDRAKUMAR RAMESH	
8	2022086488	DESAI PRUTHVIRAJ DATTATRAY	
9	2021072221	DESAI ROHIT MAHENDRA	-
10	2022087016	DESAI SURAJ NARAYAN	
11	2022086781	DHULUGADE PRATHAMESH SANJAY	
12	2022086516	GAWADE MAYURI MASHNU	-
13	2022086532	GHAVARE AMOL ASHOK	
14	2021072646	HAJARE SWAPNIL ASHOK	
15	2022086755	INGALE SHIVRAJ JAYSING	
16	2022087063	JADHAV VALJAYANTIMALA CHANDRAKANT	
17	2020075906	KAMBLE BHUSHAN BABAN	
18	2022078764	KAMBLE HARISH EKNATH	
19	2022087061	KAMBLE MAHESH BALU	-
20	2022085641	KUMBHAR KRISHNAT RAGHUNATH	
21	2022087105	LOHAR SHIRISH ASHOK	
22	2022086483	MATIWADD MANASI ANIL	
23	2022085254	MORBALE SHUBHAM VILAS	



24	2021071860	MORE SANKET GANAPATI	<u>M.L.</u>
25	2022085174	NANDUDKAR SHUBHAM SHIVAJI	<u>N.S.</u>
26	2022086742	NARATAVADEKAR VINAYAK DEELIP	<u>Naravadekar</u>
27	2021071885	PAKHANE ROHIT HIRAMAN	<u>- Pakhane</u>
28	2021071903	PALASULE PRATHAMESH DAYANAND	<u>Prasul</u>
29	2022086472	PANORI MAHESHANAND MAHADEV	<u>Panori</u>
30	2022086511	PATIL ABHIRAJ ANNASAHEB	<u>Patil</u>
31	2022086786	PATIL AMRUTA KRISHNAT	<u>Vanade</u>
32	2022086496	PATIL ANIKET JAYSING	-
33	2021073418	PATIL KETAN NAGESH	<u>Aniket</u>
34	2022087305	PATIL RAHUL SHIVGOUDA	-
35	2022086382	PATIL RASIKA MANOHAR	<u>Rasik</u>
36	2022086969	PATIL SAMARJEET SUJITKUMAR	<u>Samarjeet</u>
37	2022086703	PATIL SANDHYA NAMDEV	<u>Sandil</u>
38	2022086533	PATIL SANKET SUBHASH	-
39	2022085516	PATIL SHRIDHAR YASHVANT	<u>Shridhar</u>
40	2022086797	POWAR SATYAJIT SHASHIKANT	<u>Powar</u>
41	2022084534	RANE RAHUL NIVRITI	<u>Rane</u>
42	2022087020	SARAVADE MILIND ANANDA	<u>Saravade</u>
43	2021071920	SHAIKH SAJID RAJMAHMAD	<u>Sajid</u>
44	2021072122	SHENDE VIKAS SARJERAO	<u>Shende</u>
45	2020076371	SUTAR VISHAL DHANAJI	-
46	2021072840	TAMBEKAR VINAYAK DATTATRAY	<u>Tambekar</u>
47	2021072794	DESAI AJINKYA ANNASAHEB	-
48	2021074343	GAWAS DNYANESHWAR DATTU	-
49	2022078968	KULKARNI ANIRUDDHA UMESH	<u>Kulkarni</u>
50	2021072055	SAWANT AVISHKAR HINDURAO	



## **Sewage Treatment Plant – Kasba Bawada, Kolhapur**

**Date of Visit:** 11.04.2025

**Visited for:** T.Y. Civil  
Students

**Location:** Kasba Bawada, Kolhapur, Maharashtra

**Purpose:** To understand the functioning of a sewage treatment plant and its components practically.

### **1. Introduction**

As part of our curriculum in Environmental Engineering, we had the opportunity to visit the Sewage Treatment Plant (STP) located at Kasba Bawada in Kolhapur. With a capacity to treat 76 million litres of sewage every day, this plant plays a crucial role in ensuring that the city's wastewater is treated before being released into natural water bodies or reused.

While we often learn about treatment processes like screening, sedimentation, and aeration in textbooks, this visit gave us a closer look at how each of these steps works in reality — with real equipment, real-time operations, and professional supervision.

### **2. Objective of the Visit**

The main goal was to observe the physical layout of the plant, understand the sequence of operations, and get familiar with the working of both mechanical and biological treatment units. It also aimed to help us link theoretical knowledge with field practices.

### **3. Plant Overview**

The Kasba Bawada STP uses **Sequential Batch Reactor (SBR)** technology, which is considered one of the more advanced biological treatment methods today. The plant treats domestic sewage from Kolhapur city, bringing down pollutants like BOD (Biochemical Oxygen Demand), Suspended Solids, and harmful pathogens to within safe discharge limits.



## 4. Water treatment Components

### Pumping Station

Our journey began at the inlet pumping station. Here, sewage from across the city is lifted using powerful submersible pumps. These pumps raise the sewage to a higher elevation so that gravity can help move it through the rest of the treatment process.

### Receiving Chamber

From the pumps, the sewage flows into a receiving chamber. This chamber doesn't treat the sewage but acts as a buffer to manage variations in flow. It ensures the plant receives a steady flow, avoiding sudden overloads.

### Screens – Coarse and Fine

Next, we saw the **screening units** — a critical first line of defence. Coarse screens catch large objects like plastic bags, sticks, or cloth pieces. Fine screens filter out smaller debris. It was fascinating to see the automatic cleaning rakes that keep these screens free of blockages.

### Waterways

The sewage flows through open or covered channels that connect different units. These channels are designed so well that even though the sewage moves slowly, solids don't settle at the bottom. It's all about maintaining just the right velocity.

### Detritus Tank

Here, grit like sand, gravel, and small stones is allowed to settle out. These materials, if not removed, can damage pumps and wear down other equipment. A slow-moving environment helps the heavier particles settle to the bottom.

### Skimming Tank

We also came across a tank where oils, grease, and floating scum are removed. These lighter-than-water materials are scraped off the surface using mechanical arms.



## **Aeration (SBR System)**

The core of the plant is the **SBR system**. This is where the real biological treatment happens. We learned how microorganisms are “fed” with oxygen through diffused air, allowing them to break down organic waste in the sewage. The reactors run on a batch cycle — filling, aerating, settling, and decanting — all in one tank.

## **Sedimentation**

Once aeration is complete, the water is allowed to stand so that the microbial flocs (biomass) settle to the bottom. This is a natural separation process, and it leaves clear water at the top, which can then be safely removed.

## **Coagulation and Flocculation**

In cases where there is extra turbidity or nutrient load, chemicals like alum are added. This step helps clump tiny particles into larger flocs, making them easier to settle out.

## **Secondary Sedimentation**

This clarified water passes through another settling zone where the chemical flocs are removed. The result is an even cleaner effluent.

## **Decantation**

After sedimentation, a special mechanism called a **decanting arm** slowly draws off the clean water from the top of the tank. This ensures minimal disturbance to the settled solids at the bottom.

## **Dewatering**

All the sludge from the process — both biological and chemical — is handled in **dewatering units**. These machines remove the excess water from the sludge, turning it into a semi-solid form that’s easier to handle and dispose of.

## **Chlorination**

As a final touch, the treated water is disinfected using chlorine to kill any remaining disease-causing organisms. The water is now safe for discharge into rivers or for non-drinking reuse like gardening and landscaping.



## 6. Conclusion

This visit was a practical example for all of us. Seeing the actual systems that clean up our city's wastewater helped us appreciate the importance of civil and environmental engineering in public health and sustainability. The staff were very cooperative and explained each unit in detail.

We came away with a much clearer understanding of how sewage is managed — not just through machines, but through a carefully choreographed series of natural and engineered processes. The Kasba Bawada STP is a great example of modern infrastructure working quietly in the background to keep our environment safe.



HOD  
Dept. of Civil Engineering  
Dr. A.D. Shinde College of Engineering  
A/p. Bhadgaon, Gadhingtal.



PRINCIPAL  
A.D. Shinde College of Engineering  
Bhadgaon, Tal. Gadhingtal, Dist. Kolhapur





# Dr.A.D.Shinde College of Engineering, Bhadgaon



## Department of Civil Engineering

### Site Visit Attendance Sheet



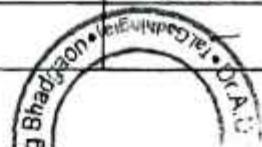
Class- Final Year B.Tech

A.C- 2024-25

Sr No.	PRN	Name of student	Sign
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10	2022087016	DESAI SURAJ NARAYAN	
11	2022086781	DHULUGADE PRATHAMESH SANJAY	
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34	2022087305	PATIL RAHUL SHIVGOUDA	-
35	2022086382	PATIL RASIKA MANOHAR	<u>Patil</u>
36	2022086969	PATIL SAMARJEET SUJITKUMAR	<u>Samarjeet</u>
37	2022086703	PATIL SANDHYA NAMDEV	<u>Sandil</u>
38	2022086533	PATIL SANKET SUBHASH	-
39	2022085516	PATIL SHRIDHAR YASHVANT	<u>Shridhar</u>
40	2022086797	POWAR SATYAJIT SHASHIKANT	<u>Powar</u>
41	2022084534	RANE RAHUL NIVRITI	<u>Rane</u>
42	2022087020	SARAVADE MILIND ANANDA	<u>Saravade</u>
43	2021071920	SHAIKH SAJID RAJMAHMAD	<u>Shajid</u>
44	2021072122	SHENDE VIKAS SARJERAO	<u>Shende</u>
45	2020076371	SUTAR VISHAL DHANAJI	-
46	2021072840	TAMBEKAR VINAYAK DATTATRAY	<u>Tambekar</u>
47	2021072794	DESAI AJINKYA ANNASAHEB	-
48	2021074343	GAWAS DNYANESHWAR DATTU	-
49	2022078968	KULKARNI ANIRUDDHA UMESH	<u>Kulkarni</u>
50	2021072055	SAWANT AVISHKAR HINDURAO	





*Dinkarrao K. Shinde Smarak Trust's*

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

Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin: 416502

**Department of Mechanical Engineering**

**Academic Year 2024-25**



### Industrial Visit

Sr.No.	Industry Name	Date	Subject
1	AB-Alcast Gadhinglaj	22/10/2025	WP-III
2	Tata Motors Servicing centre	16/03/2025	Automobile engg,I.C.Engine
3	Paras motor Driving Istitute	16/03/2025	Automobile engg.





Dinkarrao K. Shinde Smarak Trust's

**DR. A. D. SHINDE COLLEGE OF ENGINEERING**  
Bhadgaon, Gadhinglaj. Dist.: Kolhapur Pin: 416502  
**Department of Mechanical Engineering**  
**Academic Year 2024-25**



Date:20/10/2024

To  
AB-Alcast,  
MIDC, Gadhinglaj,  
Gadhinglaj.

**Subject: - Regarding Industrial visit to your esteem organization.**

Respected Sir,

We are at Dr. A. D. Shinde College of Engineering, Bhadgaon, Gadhinglaj, running Degree course Affiliated to Shivaji University Kolhapur. As a part of curriculum the students are required to undertake industrial visits to a few industries of repute. We feel it will be fruitful that the students with academic background have a glimpse of industry in order to have a better appreciation of practical applications of theory. In the above background we would like to visit a batch of about 40 students of Second and Third year Engineering accompanied by 02 staff members to visit your esteemed organization.

I request you to kindly accord necessary permissions for above visit for One day. We assure you that our students will observe and follow the rules and regulations that are prescribed by your organization for visitors and will in no way disturb the functioning of the organization during their visit. We shall be grateful for the favorable response.

Thanking you,

Yours faithfully

PRINCIPAL  
A.D. Shinde College of Engineering  
Bhadgaon, Gadhinglaj, Dist. Kolhapur



Dinkarrao K. Shinde Smarak Trust's

**DR. A. D. SHINDE COLLEGE OF ENGINEERING**  
Bhadgaon, Gadhinglaj. Dist.: Kolhapur Pin: 416502  
**Department of Mechanical Engineering**  
**Academic Year 2024-25**



Date:14/03/2025

To

The Managing Director,  
Tata Motors Servicing Centre Gadhinglaj,  
Gadhinglaj.

**Subject: - Regarding Industrial visit to your esteem organization.**

Respected Sir,

We are at Dr. A. D. Shinde College of Engineering, Bhadgaon, Gadhinglaj, running Degree course Affiliated to Shivaji University Kolhapur. As a part of curriculum the students are required to undertake industrial visits to a few industries of repute. We feel it will be fruitful that the students with academic background have a glimpse of industry in order to have a better appreciation of practical applications of theory. In the above background we would like to visit a batch of about 40 students of Second and Third year Engineering accompanied by 02 staff members to visit your esteemed organization.

I request you to kindly accord necessary permissions for above visit for One day. We assure you that our students will observe and follow the rules and regulations that are prescribed by your organization for visitors and will in no way disturb the functioning of the organization during their visit. We shall be grateful for the favorable response.

Thanking you,

Yours faithfully

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



Dinkarrao K. Shinde Smarak Trust's

**DR. A. D. SHINDE COLLEGE OF ENGINEERING**  
Bhadgaon, Gadhinglaj. Dist.: Kolhapur Pin: 416502  
**Department of Mechanical Engineering**  
**Academic Year 2024-25**



Date:14/03/2025

To  
The Managing Director,  
Paras Motor driving institute,  
Gadhinglaj.

**Subject: - Regarding Industrial visit to your esteem organization.**

Respected Sir,

We are at Dr. A. D. Shinde College of Engineering, Bhadgaon, Gadhinglaj, running Degree course Affiliated to Shivaji University Kolhapur. As a part of curriculum the students are required to undertake industrial visits to a few industries of repute. We feel it will be fruitful that the students with academic background have a glimpse of industry in order to have a better appreciation of practical applications of theory. In the above background we would like to visit a batch of about 40 students of Second and Third year Engineering accompanied by 03 staff members to visit your esteemed organization.

I request you to kindly accord necessary permissions for above visit for One day. We assure you that our students will observe and follow the rules and regulations that are prescribed by your organization for visitors and will in no way disturb the functioning of the organization during their visit. We shall be grateful for the favorable response.

Thanking you,

Yours faithfully

PRINCIPAL

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

	<p>Dinkarrao K. Shinde Smarak Trusts</p> <p><b>DR. A. D. SHINDE COLLEGE OF ENGINEERING.</b> Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin: 416502</p> <p><b>Department of Mechanical Engineering</b> <b>Academic Year 2024-25</b></p>	
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Date:14/03/2025

### APPLICATION FOR INDUSTRIAL VISIT

To,  
Principal  
Dr. A. D. Shinde College of Engineering  
Bhadagaon, Gadhinglaj

Subject: Regarding sanctioning the Transport expenses for industrial visit.

Respected Sir,

Myself HOD of Mechanical Engineering Department, we have planned the industrial visit for final year Mechanical Engineering students of our department according to the syllabus. As per our plan we are going to visit Gadhinglaj on dated 16<sup>th</sup> March 2025. Hence kindly permit the travelling expenses and do the needful.

Thanking you  
HOD



HOD  
Dept. of Mechanical Engg.  
Dr. A. D. Shinde College of Engg  
Bhadgaon, Tal. Gadhinglaj.



Dinkarrao K. Shinde Smarak Trusts

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

Bhadgaon, Gadhinglaj, Dist: Kolhapur Pin: 416502

**Department of Mechanical Engineering**

**Academic Year 2024-25**

**Date:20/10/2024**

**APPLICATION FOR INDUSTRIAL VISIT**

To,  
Principal  
Dr. A. D. Shinde College of Engineering  
Bhadagaon, Gadhinglaj

Subject: Regarding sanctioning the Transport expenses for industrial visit.

Respected Sir,

Myself HOD of Mechanical Engineering Department, we have planned the industrial visit for final year Mechanical Engineering students of our department according to the syllabus. As per our plan we are going to visit Gadhinglaj on dated 22<sup>th</sup> Oct. 2024. Hence kindly permit the travelling expenses and do the needful.

Thanking you  
HOD

**HOD**  
**Dept of Mechanical Engg.**  
**Dr. A. D. Shinde College of Engg**  
**Bhadgaon, Tal. Gadhinglaj**



Dinkarrao K. Shinde Smarak Trust's

**DR. A. D. SHINDE COLLEGE OF ENGINEERING**  
Bhadgaon, Gadhinglaj, Dist.: Kolhapur Pin: 416502  
**Department of Mechanical Engineering**  
**Academic Year 2024-25**



Date: 20/10/2025

All students are hereby informed that the Department of Mechanical Engineering is organizing the following activity. The details are given below.

Name of the Department	Mechanical Engineering
Name of the Head	Prof. G.M.Kumbar
Name of the activity	AB-Alcast Gadhinglaj.
Details of the activity	To study the Workshop Practice, Machine Shop.
Details of the Resource person	AB-Alcast Gadhinglaj.
Date of activity	22/10/2025
Venue	Gadhinglaj

- ❖ Attendance is compulsory.
- ❖ ID card is compulsory.

  
Prof. G.M.Kumbar  
Head,  
Dept. of Mechanical Engg.

**HOD**  
Dept of Mechanical Engg.  
Dr. A. D. Shinde College of Engg  
Bhadgaon, Tal. Gadhinglaj

  
Dr. D. V. Ghewade  
Principal

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



Dinkarrao K. Shinde Smarak Trust's

**DR. A. D. SHINDE COLLEGE OF ENGINEERING**  
Bhadgaon, Gadhinglaj. Dist.: Kolhapur Pin: 416502  
**Department of Mechanical Engineering**  
**Academic Year 2024-25**



Date: 15/03/2025

All students are hereby informed that the Department of Mechanical Engineering is organizing the following activity. The details are given below.

Name of the Department	Mechanical Engineering
Name of the Head	Prof. G.M.Kumbar
Name of the activity	Tata Motors Servicing Centre ,Gadhingaj.
Details of the activity	To study the Automobile Engineering@ I.C. Engine.
Details of the Resource person	Tata Motors Servicing Centre, Gadhingal.
Date of activity	16/03/2025
Venue	Gadhinglaj

- ❖ Attendance is compulsory.
- ❖ ID card is compulsory.

  
Prof. G.M. Kumbar  
Head,  
Dept. of Mechanical Engg.

HOD  
Dept of Mechanical Engg.  
Dr. A. D. Shinde College of Engg.  
Bhadgaon, Tal. Gadhinglaj.

  
Dr. D. V. Ghewade  
Principal

PRINCIPAL  
A.D. Shinde College of Engineering  
Bhadgaon, Tal. Gadhinglaj, Dist. Kolha.



Dinkarrao K. Shinde Smarak Trust's

**DR. A. D. SHINDE COLLEGE OF ENGINEERING**  
Bhadgaon, Gadhinglaj. Dist.: Kolhapur Pin: 416502  
**Department of Mechanical Engineering**  
**Academic Year 2024-25**



Date: 14/03/2025

**NOTICE**

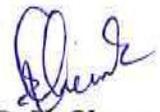
All students are hereby informed that the Department of Mechanical Engineering is organizing the following activity. The details are given below.

Name of the Department	Mechanical Engineering
Name of the Head	Prof. G.M.Kumbar
Name of the activity	Industrial visit at Paras Driving Institute, gadhinglaj.
Details of the activity	To study the Pollution Under Control Test.
Details of the Resource person	The Controller, 'Paras Motor Driving Institute', Gadhinglaj.
Date of activity	16/03/2025
Venue	Gadhinglaj

- ❖ Attendance is compulsory.
- ❖ ID card is compulsory.

  
**Prof. G.M. Kumbar**  
**Head,**  
**Dept. of Mechanical Engg.**

**HOD**  
**Dept. of Mechanical Engg.**  
**Dr. A. D. Shinde College of Engg.**  
**Bhadgaon, Tal. Gadhinglaj.**

  
**Dr. D. V. Ghewade**  
**Principal**

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



Dinkarrao K. Shinde Smarak Trusts

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

Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin: 416502

**Department of Mechanical Engineering**

**Academic Year 2024-25**

Ref

Date:20/10/2024

To

AB-Alcast,

MIDC, Gadhinglaj,

Gadhinglaj.

**Subject: Students Visit – Engineering, regarding study of Machine Shop**

Respected sir,

Dr. A. D. Shinde College of engineering is one of the renowned institutes in western Maharashtra established in 2014. Our institute is approved by AICTE New Delhi, recognized by DTE Mumbai, affiliated to Shivaji University Kolhapur. We are offering 5 UG course in Civil, Mechanical, Electrical, Computer Science and Electronics and Computer Science with intake of 300. Our institute has played very important role in providing quality technical education to rural youth and contributed to national growth. Our distinguished alumni are working at top posts in various companies all across the world.

Final year Mechanical Engineering students of our institute are interested in visiting AB Alcast to study the Machine Shop, Measurement and Quality Control facilities. **30 Students with 3 faculty members will be visiting.** Accommodation, travelling and other expenses will be borne by us.

Kindly consider our request and extend your kind permission to our students

Thanking you

Sincerely yours

Dr. D.V. Ghewade

Principal

Dr.A.D.Shinde College of Engineering, Bhadgaon.

Gadhinglaj

	<p>Dinkarrao K. Shinde Smarak Trusts</p> <p><b>DR.A. D. SHINDE COLLEGE OF ENGINEERING.</b></p> <p>Bhadgaon, Gadhinglaj, Dist: Kolhapur Pin: 416502</p> <p><b>Department of Mechanical Engineering</b></p> <p><b>Academic Year 2024-25</b></p>	
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Ref

Date: 14/03/2025

To

The Managing Director,  
Paras Motor driving institute,  
Gadhinglaj.

**Subject: Students Visit – Engineering, regarding study PUC Test**

Respected sir,

Dr. A. D. Shinde College of engineering is one of the renowned institutes in western Maharashtra established in 2014. Our institute is approved by AICTE New Delhi, recognized by DTE Mumbai, affiliated to Shivaji University Kolhapur and accredited by NAAC with B<sup>+</sup> Grade. We are offering 5 UG course in Civil, Mechanical, Electrical, Computer Science and Electronics and Computer Science with intake of 300. Our institute has played very important role in providing quality technical education to rural youth and contributed to national growth. Our distinguished alumni are working at top posts in various companies all across the world.

Final & Third year Mechanical Engineering students of our institute are interested in visiting PUC Centre to study the various aspects associated with the dam and relevant facilities. **60 Students with 3 faculty members will be visiting the Center.** Accommodation, travelling and other expenses will be borne by us.

Kindly consider our request and extend your kind permission to our students

Thanking you

Sincerely yours



Dr. D.V. Ghewade  
Principal  
Dr.A.D.Shinde College of Engineering, Bhadgaon.  
Gadhinglaj



Dinkarrao K. Shinde Smarak Trusts

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

Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin: 416502

**Department of Mechanical Engineering**

**Academic Year 2024-25**



Ref

Date: 14/03/2025

To

The Managing Director,

Tata Motors Servicing Centre Gadhinglaj,

Gadhinglaj.

**Subject: Students Visit – Engineering, regarding study Automobile Engineering And I.C Engine**

Respected sir,

Dr. A. D. Shinde College of engineering is one of the renowned institutes in western Maharashtra established in 2014. Our institute is approved by AICTE New Delhi, recognized by DTE Mumbai, affiliated to Shivaji University Kolhapur and accredited by NAAC with B<sup>+</sup> Grade. We are offering 5 UG course in Civil, Mechanical, Electrical, Computer Science and Electronics and Computer Science with intake of 300. Our institute has played very important role in providing quality technical education to rural youth and contributed to national growth. Our distinguished alumni are working at top posts in various companies all across the world.

Final year mechanical Engineering students of our institute are interested in visiting TATA Motors Servicing Centre to study the various aspects associated with the dam and relevant facilities. **30 Students with 3 faculty members will be visiting the Center.** Accommodation, travelling and other expenses will be borne by us.

Kindly consider our request and extend your kind permission to our students

Thanking you

Sincerely yours

Dr. B.V. Ghewade

Principal

Dr.A.D.Shinde College of Engineering, Bhadgaon.

Gadhinglaj



*Dinkarrao K. Shinde Smarak Trust's*

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

Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin: 416502

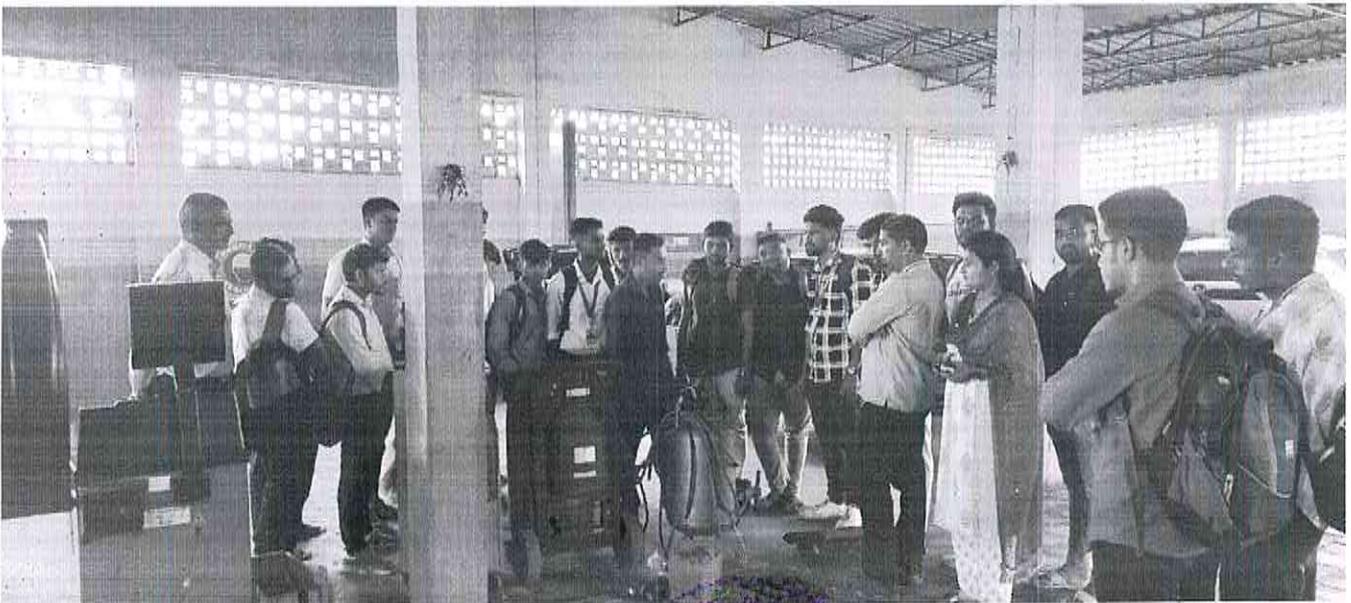
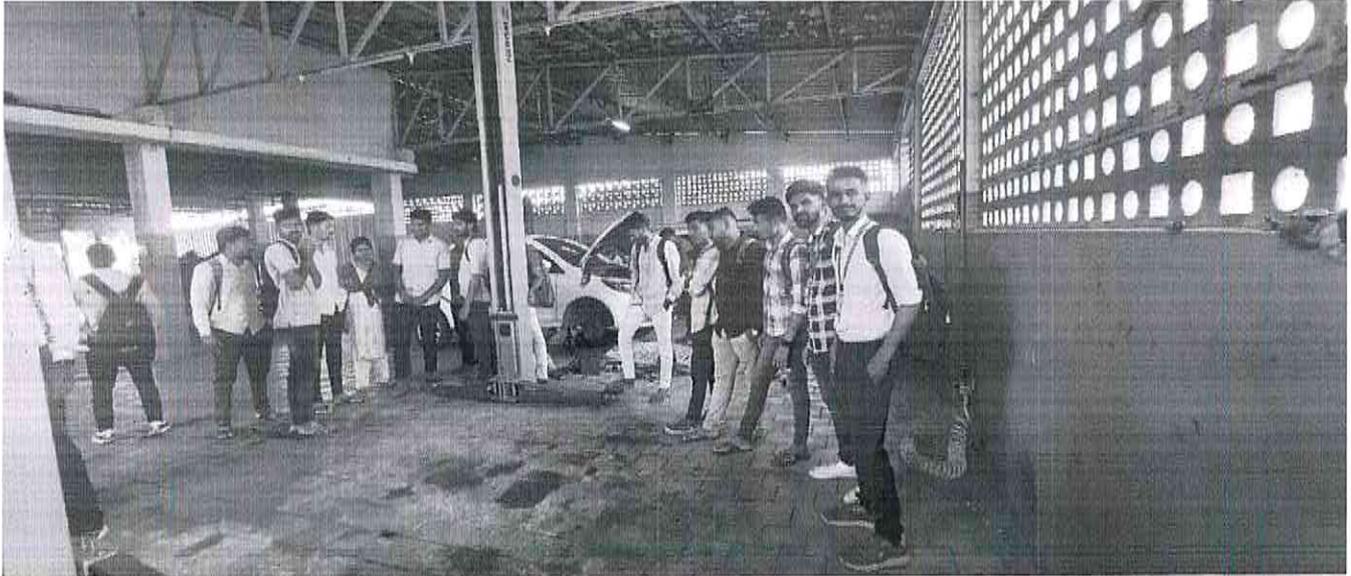
**Department of Mechanical Engineering**

**Academic Year 2024-25**



AB-Alcast ,MIDC, Gadhinglaj

Date:22/10/2025





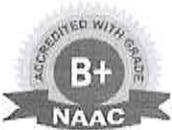
*Dinkarrao K. Shinde Smarak Trust's*

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

Bhadgaon, Gadhinglaj, Dist: Kolhapur Pin: 416502

**Department of Mechanical Engineering**

**Academic Year 2024-25**



Paras Driving Institute, Gadhinglaj

Date:16/03/2025





*Dinkarrao K. Shinde Smarak Trust's*

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

Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin: 416502

**Department of Mechanical Engineering**

**Academic Year 2024-25**



Tata Motors Servicing Centre, Gadhinglaj

Date:16/03/2025





**Dinkarrao K. Shinde Smarak Trusts**  
**DR. A. D. SHINDE COLLEGE OF ENGINEERING,**  
**Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502**



## **Internship / Field Training**

<b>Sr. No</b>	<b>A.Y.</b>	<b>Department</b>	<b>Internship / Field Training</b>	<b>Total Students</b>
1	2024-25	Mechanical Engineering	Internship	29
3		Electrical Engineering	Internship	30
4		Civil Engineering	Field Training	50



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

**Dr. A. D. Shinde College of Engineering, Gadhinglaj 416502**

**Department of Mechanical Engineering**

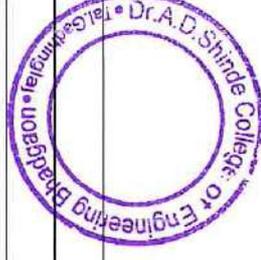
**Summer Internship Internal Exam**

**Final Year B.Tech**

**Academic Year:2024-25**

**Semester: VII**

<b>Roll. No</b>	<b>Student's Name</b>	<b>Summer Internship:Industry Name</b>
1	ASWALE SAMIR PRABHAKAR	SHREE ENGINEERING PROJECTS TALAWADE PUNE
2	AWADAN NILESH NARAYAN	SAWANT INDUSTRIES KOLHAPUR
3	DESAI JAYANT KHANDERAU	"IMOSYS SYS ENGINEERING COMPANY PVT.LTD"
4	DESAI PRAVIN SHIVGONDA	GALAXY PUMPING SOLUTIONS KAGAL
5	DHANAWDE NIKHIL MARUTI	DESIGN ENGNNER AT DEVEN SUPERCRITICALS PVT LTD VIKHROLI (W) MUMBAI
6	DHURI VINAYAK MARUTI	SIGMA HITECH TOOLINGS TALAWADE PUNE
7	GHODAKE ABHISHEK AVADHUT	SOUND CASTING PVT KOLHAPUR
8	HODAGE AVINASH RAJENDRA	APPASAHEB NALAWADE SAHAKARI SAKHAR KARKHANA HARALI
9	HUNDALEWADKAR NIKHIL SUBHASH	SUMIT INDUSTRIES KOLHAPUR
10	JADHAV NITEESH DASHARATH	ATLAS COPCO, GECIA
11	MANDALIK ROHAN VILAS	SAWANT INDUSTRIES KOLHAPUR
12	MOHITE KIRAN SHIVAJI	ATLAS COPCO, GECIA
13	PATIL RAHUL SHIVAJI	"BUS BODY BUILDING PROCESS AT TATA MARCOPOLO PVT LTD"
14	PATIL RUTUJA RAVINDRA	SHRI BHOGAWATI SAHAKARI SAKHAR KARKHANA LTD SHAHUNAGAR (PARITE)
15	PATIL SHUBHAM GANPAT	FORBES MARSHALL PIMPRI PUNE
16	PATIL SHWETA SUBHASH	"VASANTRAO DESAI SAHAKARI SHETKARI SAKHAR KARAKHANA LTD,GAVASE"
17	PATIL SIDDHANT DATTATRAY	SAWANT INDUSTRIES KOLHAPUR
18	RAMASE ROHIT YUVRAJ	SAWANT INDUSTRIES KOLHAPUR
19	RAUT RUSHIKESH VIKARM	SUMIT INDUSTRIES KOLHAPUR



20	SALOKHE ADITYA ARUN	SAWANT INDUSTRIES KOLHAPUR
21	SONALE DIPAK BALASO	GALAXY PUMPING SOLUTIONS KAGAL
22	SONU SAURAV ASHOK KUMAR SINGH	GOLD PLUS FLOAT GLASS PRIVATE LIMITED, KANAGALA
23	SURYAVANSHI PRATIKSHA DHONDIRAM	SHRI DUDHGANGA VEDGANGA SAHAKARI SAKHAR KARKHANA BIDRI
24	TORASKAR NILESHWAR AJIT	SAWANT INDUSTRIES KOLHAPUR
25	PATIL AKSHAY VASANT	SOUND CASTING PVT LTD KOLHAPUR
26	DEVADKAR TEJASHRI ISHWARA	SAR SENAPATI SANTAJI GHORPADE SUGAR FACTORY LTD BELEWADI KALAMMA
27	PATIL SHRINIVAS YASHAWANT	SAWANT INDUSTRIES KOLHAPUR
28	RANE NIKHIL SURESH	SAWANT INDUSTRIES KOLHAPUR
29	KAMBLE VINAYAK PANDURANG	SOM PRECISION TALAWADE PUNE



  
 PRINCIPAL  
 A.D. Shinde College of Engineering  
 Bhadgaon, Tal Gadchiroli, Dist. Kolhapur

## CERTIFICATE

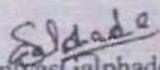
This is certify that Mr. Niteesh Dasharath Jadhav at Gadhinglaj, Dist: Kolhapur has completed his internship/ training program for the period of 01 month (from 1 June to 30<sup>th</sup> June-2024) in our organization as a partial fulfillment degree of Bachelor of technology in Mechanical Engineering. He was trained in the field of the Screwcompressor design.

Thanking

you, Yours Faithf

ully,

For ATLAS COPCO (INDIA) PRIVATE LIMITED,

  
Shrinivas Galphade  
Practice Head - Product Engineering



**Atlas Copco (India) Private Limited.**  
Global Engineering Center India Airpower

Registered Office:  
Mumbai-Pune Road  
Sveanagar, Dapodi, Pune-411012.  
Tel: 91-020-39852100, 39852455, Fax: 91-020-27146038  
Website: www.atlascopco.com

Reschmel 18002000030

Reply to:  
Survey No 247/2  
Near YES Bank, Next to Bharat Petrol pump  
Hinjawadi, Pune-411057  
Fax: +91-20-39804802



# श्री दूधगंगा वेदगंगा

सहकारी साखर कारखाना लि; बिद्री

(मौनीनगर) ता. कागल, जि. कोल्हापूर-४१६ २०८ (महाराष्ट्र)

फोन : फॅक्टरी : (०२३२५) २५४९२२ ते २५४९२६, फॅक्स : २५४९७२

कोल्हापूर ऑफिस : राधाकृष्ण मंदिराजवळ, शाहपूरी २ री गल्ली,

कोल्हापूर, (०२३१) २६६१५७८, २६६०४४९

E-mail : klp\_bidrisgr@rediffmail.com

# SHRI DUDHGANGA VEDGANGA

SAHAKARI SAKHAR KARKHANA LTD; BIDRI.

(MOUNINAGAR), TAL. KAGAL, DIST. KOLHAPUR-416 208 (MAHARASHTRA)

PH : BIDRI EXCH.: (02325) 254922 TO 254926 FAX : 254972

KOLHAPUR OFFICE : NEAR RADHAKRISHNA MANDIR,  
SHAHUPURI 2ND LANE, KOLHAPUR

PH. : (0231) 2661578, 2660449 E-mail : klp\_bidrisgr@rediffmail.com

Ref. No. :

LWO/97/

/2024-2025

Date :

25-06-2024

## CERTIFICATE

This is to Certify that Kumari. Pratiksha Dhondiram Suryawanshi  
A/P- Murgud, Tal- Kagal, Dist-Kolhapur has completed Inplant Industrial  
Training in Cogen Dept from 23.05.2024 to 22.06.2024 in our sugar factory.

This Certificate is issued as per her request.

Place-Bidri

Date-25-06-2024

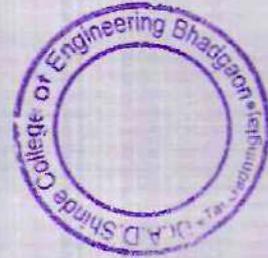
cc.to.

Kumari. Pratiksha Dhondiram Suryawanshi

A/P- Murgud, Tal- Kagal,

Dist-Kolhapur

(S.A.More)  
Labour Officer





SDG/SDI/PRG/(A)/S35 DATED 11-6-1990 Li.No. CIL 4(97) Dated - 17-2-1997

आजरा शेतकरी सहकारी साखर कारखाना लि., गवसे

ता. आजरा, जि. कोल्हापूर (महाराष्ट्र) पिन-४१६५०५

Ajara Shetkari Sahakari Sakhar Karkhana Ltd., Gavase

Tal. Ajara, Dist. Kolhapur (Maharashtra) Pin - 416505

S.T.D.(02323)

Office : 247600, 247601,  
247602

Factory Code : 38401

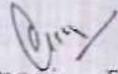
Email : ajarasakhar@gmail.com

GST : 27AAAAA0496R1ZB

:: CERTIFICATE ::

This is to Certify that Miss. Shweta Subhash Patil the student of Final Year B.Tech (Mechanical Engineering) Deputed by Dr. A. D. Shinde College of Engineering, has successfully completed Industrial training from 01/06/2024 to 30/06/2024 in Our Organisation .

Miss. Patil is found us sincere hard working and honest in training period. This certificate is issued on his request.

  
I/C Managing Director.





# SAR SENAPATI SANTAJI GHORPADE SUGAR FACTORY LTD.

Ref-SSSGSFL/HR/ /24-25

Date: 26/06/2024

## TO WHOM IT MAY CONCERN

*This is to certify that, Kumari Tejshree Ishwara Devdkar A/P. Sonage, Tal. Kagal, Dist. Kolhapur has completed Inplant Industrial Training in Co-gen Dept. from 23-05-2024 to 22-06-2024 in our sugar factory.*

*For Sar Senapati Santaji Ghorpade Sugar Factory Ltd.*

*HR Manager  
Labour Officer*

Sar Senapati Santaji Ghorpade Sugar  
Factory Ltd. Belewadi-Kalamma



Date: 08.10.2024

## Certificate

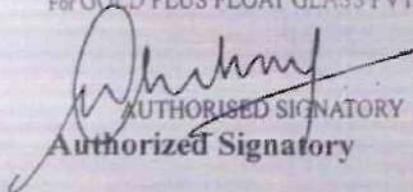
This is certified that *Mr. Sonu Saurav Ashok Kumar Singh* a student of *Dr. A. D. Shinde College of Engineering, Bhadgaon* has undergone Summer Internship Training (Mechanical Maintenance Department) from Dt: 23/05/2024 to Dt: 25/06/2024 for fulfillment of Bachelor of Technology degree in his studies.

During his project work period we have found him to be honest in his work.

We wish him a bright future.

**For M/s. Gold Plus Float Glass Pvt. Ltd.,**

For GOLD PLUS FLOAT GLASS PVT. LTD

  
AUTHORISED SIGNATORY  
Authorized Signatory



# SAWANTINDUSTRIES

Plot No G-123, MIDC Gokul Shirgoan, Kolhapur. Ph. 0231-2672889 Email: sawantindustries123@gmail.com

Date: 20/07/2023

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr. Nikhil Suresh Rane student of "Dr. A. D. Shinde College of Engineering, At-Bhadgaon Tai-Gadhinglaj Dist-Kolhapur" studying in 4th year of Degree in Mechanical Engineering has successfully completed the Vocational training in our organizing during the period from 06 June 2023 to 20 July 2023.

During the above training period he found to be sincere, punctual and hardworking.

We wish him all the best for his successful future Carrier.



For SWANTINDUSTRIES



# SAWANTINDUSTRIES

Plot No.G-123,MIDC Gokul Shirgoan, Kolhapur.Ph.0231-  
2672889Email:sawantindustries123@gmail.com

Date:20/07/2023

TO WHOM SO EVER IT MAY CONCERN

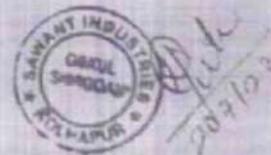
This is to certify that Mr.Siddhant Dattatray Patil student of "Dr. A. D. Shinde College of Engineering, At-Bhadgaon Tai-Gadhinglaj Dist-Kolhapur "studying in 4th year of Degree in Mechanical Engineering has successfully completed the Vocational training in our organizing during the period from 06 June 2023 to 20 July 2023.

During the above training period he found to be sincere, punctual and hardworking.

We wish him all the best for his successful future Carrier.



For SWANTINDUSTRIES





Dinkarrao K. Shinde Smarak Trusts  
**DR. A. D. SHINDE COLLEGE OF ENGINEERING.**  
**Department of Electrical Engineering**  
**Internship Student List**

Year -2024-25

Class-B.Tech

ROLL No	PRN	Student Name	Company Name	Guide
1	2022078860	PATIL SHRAVAN S. ALIAS SHEKHAR	Laxmi Electrical,Mudhol	Dr. Vireshkumar Mathad
2	2021073440	PATL KARAN NITIN	Godsakhari,Gadhinglaj	
3	2022086369	SUTAR AVADHUT GANAPATI	MSEB,Gadhinglaj	
4	2022086495	HUJARE RANJEET RANGARAO	MSEB,Gadhinglaj	
5	2022085721	KAMBLE ROHIT RAJAN	Fivestar MIDC	Prof. Amar Bandekar
6	2022078741	PATIL VIVEK SUNIL	Laxmi Electrical,Mudhol	
7	2022086468	KOTHAVALA VIJAY VASANT	MSEB,Gadhinglaj	
8	2022078739	KAMBLE SHRUTIKA HANMANT	Fivestar MIDC	
9	2022078767	DANG VINAY VISHWANATH	MSEB,Gadhinglaj	Prof. S. C. Gandh
10	2022078799	DESAI SHRADDHA PANDURANG	MSEB,Gadhinglaj	
11	2021072353	PATIL RUSHIKESH RAMESH	MSEB,Gadhinglaj	
12	2021073469	KITTUR ABHISHEK VINAY	MSEB,Gadhinglaj	
13	2022086449	THANEKAR MANASI DILIP	Fivestar MIDC	Dr. Vireshkumar Mathad
14	2021073460	PEDNEKAR RAHUL	Laxmi Electrical,Mudhol	
15	2021072386	SHINDE PRASHANT	Fivestar MIDC	
16	2021073467	DESAI ARPITA SAMBAJI	Fivestar MIDC	
17	2022086450	REGADE MOHINI MAHADEV	Magnum Glasses pvt ltd	Prof. A. S. Boragave
18	2022087180	MALI PALLAVI DILIP	Laxmi Electrical,Mudhol	
19	2022086368	SARASWATI DAVARI	Magnum Glasses pvt ltd	
20	2021072360	DHABALE ASMITA MARUTI	Magnum Glasses pvt ltd	Prof. Basavaraj Angadi
21	2021072388	SANAGAR SAMARTH VIJAY	Magnum Glasses pvt ltd	
22	2021072375	PARLE DIGVIJAY SATAPPA	Magnum Glasses pvt ltd	
23	2022086453	KOMAL J PATIL	Magnum Glasses pvt ltd	
24	2021072373	MASKAR PRAMOD BALASO	Magnum Glasses pvt ltd	Prof. Amar Bandekar
25	2022086482	MANGALE KOMAL DATTATRAY	Laxmi Electrical,Mudhol	
26	2021072350	BHADARGE NIKITA DHANAJI	Gold plus,kangala	
27	2022086492	SALUNKHE SHIVPRASAD ASHOK	Gold plus,kangala	Prof. A. S. Boragave
28	2022086480	MAGADUM VAIBHAV GOPALA	Gold plus,kangala	
29	2021072436	DESAI ADITYA RAJESH	Gold plus,kangala	
30	2020075539	SALOKHE DIGVIJAY SATAPPA	Laxmi Electrical,Mudhol	



  
O.D.

Licence No - 1CL148762BGK  
GSTIN : 29BTIPD0523M1ZN  
ESI No : 71000088150000606  
EPF No : GBRCH2508914000



PAN No : BTIPD0523M  
E-Mail : ppdhaduti@gmail.com  
Mobile No : 8088374412, 7795785920  
Labour Lic : MDL/MAH/CE/00082021



# LAXMI ELECTRICALS

Govt. Approved Class-1 Electrical Contractor & Engineers



Tq : Mudhol

MAHALINGPUR - 587312

Dist : Bagalkot

Ref. No.: Intern/2024/188

Date: 21/06/2024

## CERTIFICATE

*This is to certify that Mr. Sharvan S. Patil (PRN 2022078860), student of Dr. A. D. Shinde College of Engineering, Bhadgaon, who is studying in B.Tech. (Electrical Engineering) VII semester, has successfully completed his Internship on “Electrical Design, Estimation and Costing of Electrical Wiring System” as a part of study in our organization from 01/06/2024 to 21/06/2024 (21 days).*

Head, Laxmi Electricals

**LAXMI ELECTRICALS**  
Class-I Govt. Approved Electrical Contractor  
Licence No: 1CL148762BGK  
BELAGALI-587113, Tq. Mudhol

**Department of Civil Engineering**

**FIELD TRAINING**

Sr. No	Programme name	Program Code	List of students undertaking project work/field work/internship	Industry Name
1	FIELD TRAINING	FT(SI-CV707)	BHAT VAISHNAVI NETAJI	Hindavi Engineers's Mumbai
2	FIELD TRAINING	FT(SI-CV707)	BHOSALE AVINASH TUKARAM	Skyscrapers Developers Kolhapur
3	FIELD TRAINING	FT(SI-CV707)	BIRAJDAR MADHAV SUDHAKAR	Console Infra - Nanded
4	FIELD TRAINING	FT(SI-CV707)	CHAVAN SANTOSH DHANAJI	Ashitosh Chvan,Consultant,Contr. & Dev- Gargoti
5	FIELD TRAINING	FT(SI-CV707)	CHOPADE INDRAKUMAR RAMESH	Ashitosh Chvan,Consultant,Contr. & Dev- Gargoti
6	FIELD TRAINING	FT(SI-CV707)	DESAI PRUTHVIRAJ DATTATRAY	Sai Contractors & Engineers - Pune
7	FIELD TRAINING	FT(SI-CV707)	DESAI AJINKYA ANNASAHEB	Manan Constuction - Kolhapur
8	FIELD TRAINING	FT(SI-CV707)	DESAI ROHIT MAHENDRA	Calibre Concrete Solution - Kolhapur
9	FIELD TRAINING	FT(SI-CV707)	DESAI SURAJ NARAYAN	Sai Contractors & Engineers - Pune
10	FIELD TRAINING	FT(SI-CV707)	DHULUGADE PRATHAMESH SANJAY	S.S.Construction,Sulkud
11	FIELD TRAINING	FT(SI-CV707)	DNYANESHWAR DATTU GAWAS	Sai Contractors & Engineers - Pune
12	FIELD TRAINING	FT(SI-CV707)	GAWADE MAYURI MASHNU	Dream Home Developers - Gadhinglaj
13	FIELD TRAINING	FT(SI-CV707)	GHAVARE AMOL ASHOK	Sadguru Construction - Murgud
14	FIELD TRAINING	FT(SI-CV707)	HAJARE SWAPIL ASHOK	Unique uhpc infra LLP - Pune
15	FIELD TRAINING	FT(SI-CV707)	INGALE SHIVRAJ JAYSING	Godrej & Boyce Mfg.Co.Ltd - Shewalewadi
16	FIELD TRAINING	FT(SI-CV707)	JADHAV VAJJAYANTIMALA CHANDRAKANT	Adishakti Constryction - Gadhinglaj
17	FIELD TRAINING	FT(SI-CV707)	KAMBLE AKASH DATTATRY	Calibre Concrete Solution - Kolhapur
18	FIELD TRAINING	FT(SI-CV707)	KAMBLE BHUSHAN BABAN	Unique uhpc infra LLP - Pune
19	FIELD TRAINING	FT(SI-CV707)	KAMBLE HARISH EKNATH	Gurav Construction Gargoti
20	FIELD TRAINING	FT(SI-CV707)	KAMBLE MAHESH BALU	RR construction Gadhinglaj
21	FIELD TRAINING	FT(SI-CV707)	KORGAONKAR SANKET ANIL	Sai Contractors & Engineers - Pune
22	FIELD TRAINING	FT(SI-CV707)	KULKARNI ANIRUDDHA UMESH	Sai Contractors & Engineers - Pune
23	FIELD TRAINING	FT(SI-CV707)	KUMBHAR KRISHNAT RAGHUNATH	S & V Enterprizes Kolhapur
24	FIELD TRAINING	FT(SI-CV707)	LOHAR SHIRISH ASHOK	Dream House Construction - Kadgaon
25	FIELD TRAINING	FT(SI-CV707)	MASKAR PAVAN RAJENDRA	Gunj Group Pune
26	FIELD TRAINING	FT(SI-CV707)	MATIWADD MANASI ANIL	RK Constro Engg & Contrsctor - Kolhapur
27	FIELD TRAINING	FT(SI-CV707)	MORBALE SHUBHAM VILAS	Dream House Construction - Kadgaon
28	FIELD TRAINING	FT(SI-CV707)	MORE SANKET GANAPATI	Makandar Buildres Kolhapur
29	FIELD TRAINING	FT(SI-CV707)	NANDUDKAR SHUBHAM SHIVAJI	M/S Shiv-Parvati Construction - Sangali
30	FIELD TRAINING	FT(SI-CV707)	NARATAVADEKAR VINAYAK DEELIP	Sthaptya Construction - Murgud
31	FIELD TRAINING	FT(SI-CV707)	PAKHANE ROHIT HIRAMAN	Omraj Construction Group - kolhapur
32	FIELD TRAINING	FT(SI-CV707)	PALASULE PRATHAMESH DAYANAND	Omraj Construction Group - kolhapur
33	FIELD TRAINING	FT(SI-CV707)	PANORI MAHESHANAND MAHADEV	Dream Home Developers - Gadhinglaj
34	FIELD TRAINING	FT(SI-CV707)	PATIL ABHIRAJ ANNASAHEB	Aniket Patil Builders & Developers - Kadgaon
35	FIELD TRAINING	FT(SI-CV707)	PATIL AMRUTA KRISHNAT	S & V Enterprizes Kolhapur
36	FIELD TRAINING	FT(SI-CV707)	PATIL ANIKET JAYSING	Makandar Buildres Kolhapur
37	FIELD TRAINING	FT(SI-CV707)	PATIL KETAN NAGESH	Aniket Patil Builders & Developers - Kadgaon
38	FIELD TRAINING	FT(SI-CV707)	PATIL RAHUL SHIVAGOUDA	LARSEN & TUOBRO - MUMBAI
39	FIELD TRAINING	FT(SI-CV707)	PATIL RASIKA MANOHAR	Shaurya Constructions - Gadhinglaj
40	FIELD TRAINING	FT(SI-CV707)	PATIL SAMARJEET SUJITKUMAR	RR construction Gadhinglaj
41	FIELD TRAINING	FT(SI-CV707)	PATIL SANDHYA NAMDEV	CAPACITE'S Infrastructure - Mumbai
42	FIELD TRAINING	FT(SI-CV707)	PATIL SANKET SUBHASH	Unique uhpc infra LLP - Pune
43	FIELD TRAINING	FT(SI-CV707)	PATIL SHRIDHAR YASHVANT	S & V Enterprizes Kolhapur
44	FIELD TRAINING	FT(SI-CV707)	POWAR SATYAJIT SHASHIKANT	Vrindhavan Solutions Radhanagari
45	FIELD TRAINING	FT(SI-CV707)	RANE RAHUL NIVRITI	S.S.Construction,Sulkud
46	FIELD TRAINING	FT(SI-CV707)	SARAVADE MILIND ANANDA	Vishwa Builders - Kolhapur
47	FIELD TRAINING	FT(SI-CV707)	SHAIKH SAJID RAJMAHMAD	KK Construction Solutions - Karnur
48	FIELD TRAINING	FT(SI-CV707)	SHENDE VIKAS SARJERAO	Vishwa Builders - Kolhapur
49	FIELD TRAINING	FT(SI-CV707)	SUTAR VISHAL DHANAJI	Sorate Construction - Gargoti
50	FIELD TRAINING	FT(SI-CV707)	TAMBEKAR VINAYAK DATTATRAY	Sorate Construction - Gargoti



**Dinkarrao K. Shinde Smarak Trusts**  
**DR. A. D. SHINDE COLLEGE OF ENGINEERING,**  
**Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502**



## Workshop

Sr. No	A.Y.	Department	Workshop Details	Date	Total Students
1	2024-25	Mechanical Engineering	3D Printing	09/10/2024 to 10/10/2024	43
2		Mechanical Engineering	Pratikruti	08/02/2025	40
3		Mechanical Engineering	Design thinking	02/04/2025	51
4		Mechanical Engineering	Mechatronics Do it Yourself	11/04/2025 to 12/04/2025	51
5		Electronics & Computer Science	Internet of things	30/12/2024 to 03/01/2025	39
6		Computer Science & Engineering	Cyber Security	06/11/2024 to 14/11/2024	60
7		Electrical Engineering	Electrical soldering & LUG wiring	05/01/2025 to 09/01/2025	19



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



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**



## Summary Sheet

Sr. No.	Name of workshop	Date
1.	3D Printing	09/10/2024 to 10/10/2024
2.	Pratikiuti	08/02/2025
3.	Design thinking, critical thinking and innovation design	02/04/2025
4.	Mechatronics – Do it yourself	11/04/2025 to 12/04/2025





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**



Date: 02/10/2024

To,

Principal

Dr. A. D. Shinde College of Engineering,

Bhadgaon.

Subject: Permission for arranging 3D printing workshop for third year and final year mechanical engineering students.

Respected sir,

I Mr. Kumbhar G. M. working as H.O.D of mechanical engg. dept in our institute. Our department wants to arrange a two days' workshop for third year and fourth year engineering students on "3D Printing"

This workshop will help to improve student knowledge. So, I request you to give the permission for organizing such beneficial workshop.

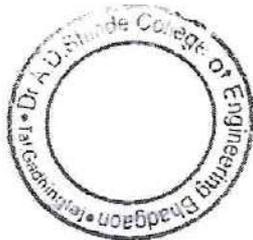
So please consider the same and permit us.

Yours faithfully

Mr. Kumbhar G. M.

H. O. D.

Mechanical Department





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**



Date – 03/10/2024

## NOTICE

All students of Mechanical Engineering Department are hereby informed that our department arranged the two days' workshop on "3D Printing" on 09/10/2024 and 10/10/2024 at 10.00 am. To 05.00 pm this will help to improve your knowledge in 3d printing machine. So kindly attain the workshop.



H. O. D.

**Department of Mechanical Engineering**

HOD  
Dept. of Mechanical Engg  
Dr. A. D. Shinde College of Engg.  
Bhadgaon, Dist. Kolhapur



Dr. A. D. Shinde Smarak Trust's

**DR. A. D. SHINDE**

**COLLEGE OF ENGINEERING**

Approved by AICTE, Delhi, DTE Mumbai and Govt of Maharashtra. Affiliated to Shivaji University, Kolhapur.

Campus Director/Principal  
Dr. D. V. Ghewade

Secretary  
Mrs. Swati Mahesh Kori

President  
Urmiladevi S. Shinde



Ref. DADSCOE/6878/24-25/344

Date: 05/10/2024

To,

Mr. Ghodake H.S.

Assistant Engineer,

RNT Robotics,

Kolhapur.

Subject: Invitation as a resource person for workshop on "3 D Printing"

Respected sir,

On the behalf of our institute Dr. A. D. Shinde College of Engineering, Bhadgaon. Mechanical Engineering Department, we are very pleased to inviting you as a resource person to deliver a workshop on "3 D Printing" at our college campus. We are planning to arrange the workshop on 09/10/2024 & 10/10/2024 for our Third & fourth-year students.

Your expertise and knowledge would definitely help our students. We hope you can make time in your busy schedule and guide our Mechanical Engineering Department Students.

Best regards

*[Signature]*  
Principal

*[Signature]*

*[Signature]*  
Received



At: Post Guddai, Bhadgaon, Gadhinglaj.  
Tal. Gadhinglaj, Dist. Kolhapur. Pin. 416502

Office Ph. No. : +91 8308830656  
Email: principal.dadscoc@gmail.com



Dinkarrao K. Shinde Smarak Trusts

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

Bhadgaon, Gadhinglaj, Dist: Kolhapur Pin: 416502

**Department of Mechanical Engineering**



*Mechanical Engineering Students Association (MESA)*

and



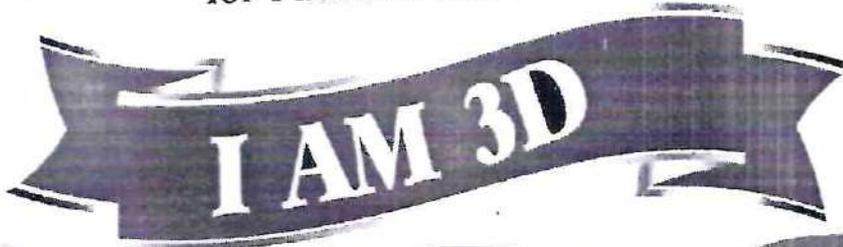
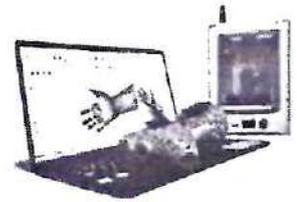
*Institution's Innovation Council (IIC)*

**Dr. A. D. Shinde College of Engineering, Bhadgaon**

*is organizing a*

# *Two Days Workshop on 3D Printing*

**for Faculties and Students**



Date  
9<sup>th</sup> Oct 2024 to  
10<sup>th</sup> Oct 2024



Registration  
Link-

<https://forms.gle/1Tgwy71V1d386X26>

Registration  
Fee-

**Rs. 300/-**  
per Participant

Student Co ordinator  
**Mr. Aniket Belekar**  
Mb. 9834031433

Event Co ordinator  
**Prof. A. S. Bhoi**  
Mb. 7798537179

MESA Co ordinator  
**Prof. S. P. Bagadi**

◆ **CONVENOR** ◆

**Prof. G. M. Kumbar**  
HOD, Mechanical Engg Dept.

**Prof. K. S. Joshi**  
Vice Principal DADSCOE

**Dr. D. V. Ghewade**  
Principal DADSCOE

◆ **PATRONS** ◆

**Mr. Mahesh Kori**  
Advisor DKSST

**Sou. Swati Kori**  
Secretary DKSST

**Smt. Urmila Shinde**  
Chairman DKSST





Dinkarrao K. Shinde Smarak Trusts  
**DR. A. D. SHINDE COLLEGE OF  
ENGINEERING.**

Bhadgaon, Gadhinglaj, Dist: Kolhapur Pin:416502



## Department of Mechanical Engineering

### Registration Form

Sr. No	Student Name	Email ID	Contact No.
1.	Anis Adam Hakim	Anishakimt@gmail.com	7083377090
2.	Sonu Saurav Kumar Singh	sonusaurav55@gmail.com	7209402088
3.	Awadan Nilesh Narayan	Nileshawadan3624@	8625903624
4.	Swami Aniket Ashok	Aniketswami7404@	9665206485
5.	Patil Vinod Kalagonda	Vinod.Patil071288@	9595791422
6.	Belekar Aniket Krushnat	aniketbelekar7299@gmail	9834031433
7.	Hodage Arinash Rajendra	Arihodage2001@gmail	8600734761
8.	Dhuri Vinayak Maruti	dhurivinayak28@gmail.com	8806643442
9.	Jadhav Niteesh Dasharath	niteeshjadhav2001@	8552863425
10.	Mohite Kiran Shivaji	Kiranmohite14@gmail	7385858382
11.	Suryavanshi Pratiksha	Pratikshasuryavanishi70@gmail	7666115280
12.	Fane Nikhil Suresh	nikhilvane992170@	9921701275
13.	Patil Akshay Vasant	Akshaypatil14101994@	9822781443
14.	Patil Shweta Subhash	SP4879644@gmail	7499107279
15.	Sonale Dipak Balaso	dipaksonale1718@gmail	7218939453
16.	Rahul Shivaji Patil	RahulPatil7096@gmail	7888124278
17.	Siddhant Dattatray Patil	siddhantpatil@gmail.com	8007685286
18.	Rushikesh Vikram	Rushikeshshrit9999@gmail	9970803020



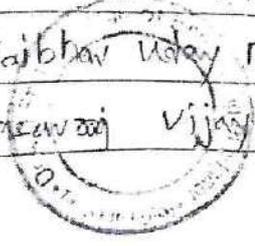


Dinkarrao K. Shinde Smarak Trusts  
**DR.A. D. SHINDE COLLEGE OF  
ENGINEERING.**

Bhadgaon, Gadhinglaj, Dist: Kolhapur Pin:416502



19)	Aditya Arun Salokhe	adityasalokhe@1169.1wifi.com	8230104838
20)	Rutuja Ravindra Patil	patirrutuja@2144@gmail.com	7262951918
21)	Ravin Shivgouda Desai	pravindes1996@gmail.com	9860612310
22)	Nileshwar Ajit Toraskar	nileshato3@gmail.com	82753515264
23)	Samir Prabhakar Aswale	Samiranawale1304@gmail.com	8329484550
24)	Nikhil Maruti Dhanawade	nikhildhanawade80@gmail.com	8975520640
25)	Mahmadsaus Mhamuche	mahmadsausmhamuche143@gmail.com	9130101947
26)	Omkar Sunil Tadhar	omkarsunil58858@gmail.com	9096912855
27)	Tejashri Ishwara Devadkar	tejashridevadkar98@gmail.com	9503400784
28)	Jayant Khanderao Desai	jayantdesai@gmail.com	4552131029
29)	Atamanand Ramesh Gavali	atmanand2601@gmail.com	9665096306
30)	Sidhesh Madhukar Dognule	sdognule.2625@gmail.com	9440047319
31)	Mahamadarif A. Makandas	amadmakandas730@gmail.com	7249392557
32)	Shroddhar Mahadev Chougale	shroddharChougaleR@gmail.com	7515634552
33)	Rahul Nandev Naile.	naile rahul 74567@gmail.com	9604027309
34)	Akash Suresh Teli	AkashTeli9092@gmail.com	9960719153
35)	Vishvajit vijay sutar	vishwsutar932@gmail.com	9623815138
36)	Masuti chinnapa Powar	masutipowar416@gmail.com	915740416
37)	Rakha Raghunath Patil	RakhaRaghunathPatil@gmail.com	9765699327
38)	Nitish Madhukar Patil	Nitish7800@gmail.com	9989571491
39)	Vaibhav Uday mane	Vmane7442@gmail.com	9096017446
40)	Basawraj vijay kamble	basawrajkamble76@gmail.com	9220305006







Dinkarrao K. Shinde Smarak Trusts  
**DR. A. D. SHINDE COLLEGE OF ENGINEERING.**  
Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin: 416502  
**Academic Year 2024-25**



### **Mechanical Engineering Department**

Two days workshop on '3D Printing'

**Name :** Two days workshop on '3D Printing'

**Date :** 09/10/2024 to 10/10/2024

**Time :** 09.30 AM to 04.30 PM

**Venue :** CAD Laboratory, Mechanical Department

**Name of Resource Person :** 1. Mr. Ghodake Harsh Sanjay, Asst. Engineer at RND Dept., RnT Robotics, Kolhapur.

**Dignitaries for the Function :**

**Chief Guest :** Mr. Ghodake Harsh Sanjay

**Hosted :** Prof. P.T.Kokitkar

**Welcome:** Principal Dr. D. V. Ghewade, Vice. Principal. K. S. Joshi, Dr. S. A. Mehta, HoD. G. M. Kumbar, Prof. A. S. Bhoi, Prof. I. T Patel.

**Vote of Thank :** Prof. S. P. Bagadi

**Number of Participant :** 70





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**Brief about Workshop:**

Two days workshop on '3D Printing' was held on 09/10/2024 to 10/10/2024 at the CAD Laboratory, Mechanical Department. In this workshop participant are able to do Software installation, Design of Model, Machine assembly, 3D Printing prototype.

In this workshop there are total 70 Participant. This enthusiastic participation highlighted the workshop's success in 3d Printing for installation and developing new design for 3D printing.

**DAY 1**

**1. Welcome Ceremony**

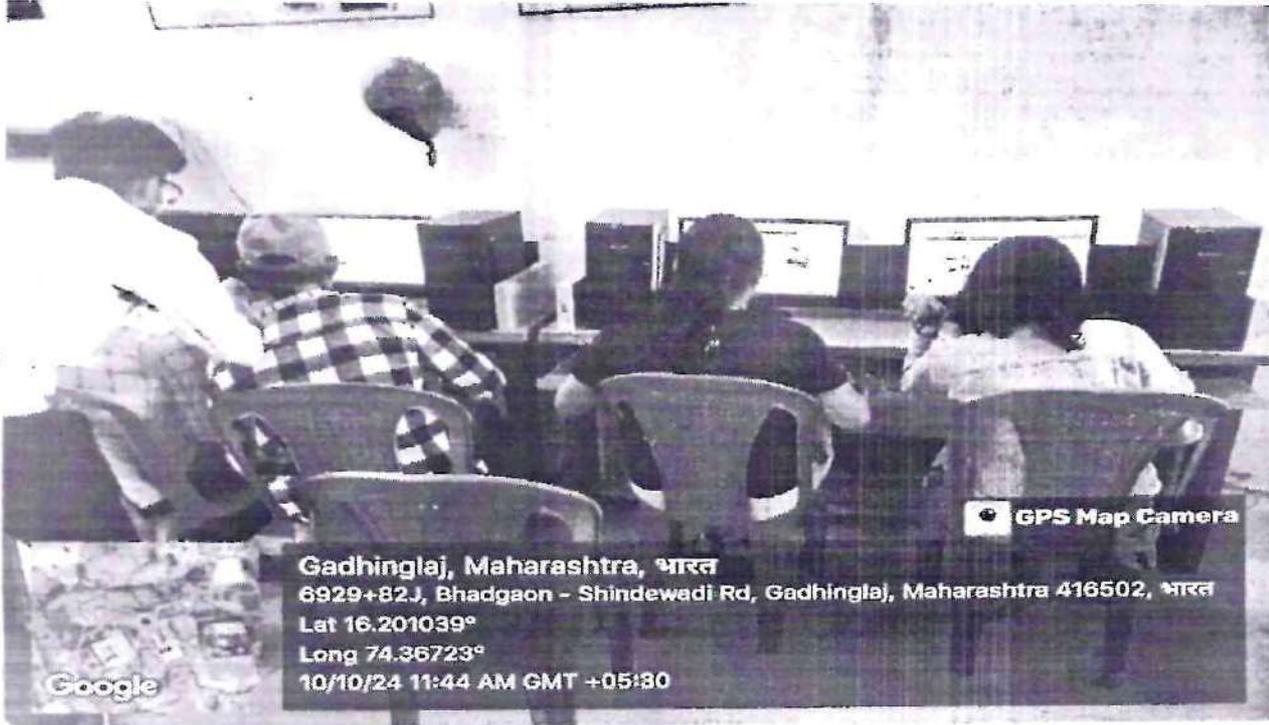




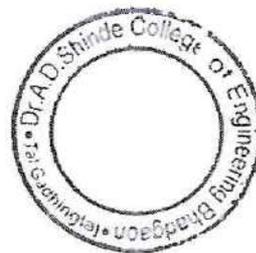
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### 2. Software Installation: Soval 3D



### 3. Software Information





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**Academic Year 2024-25**

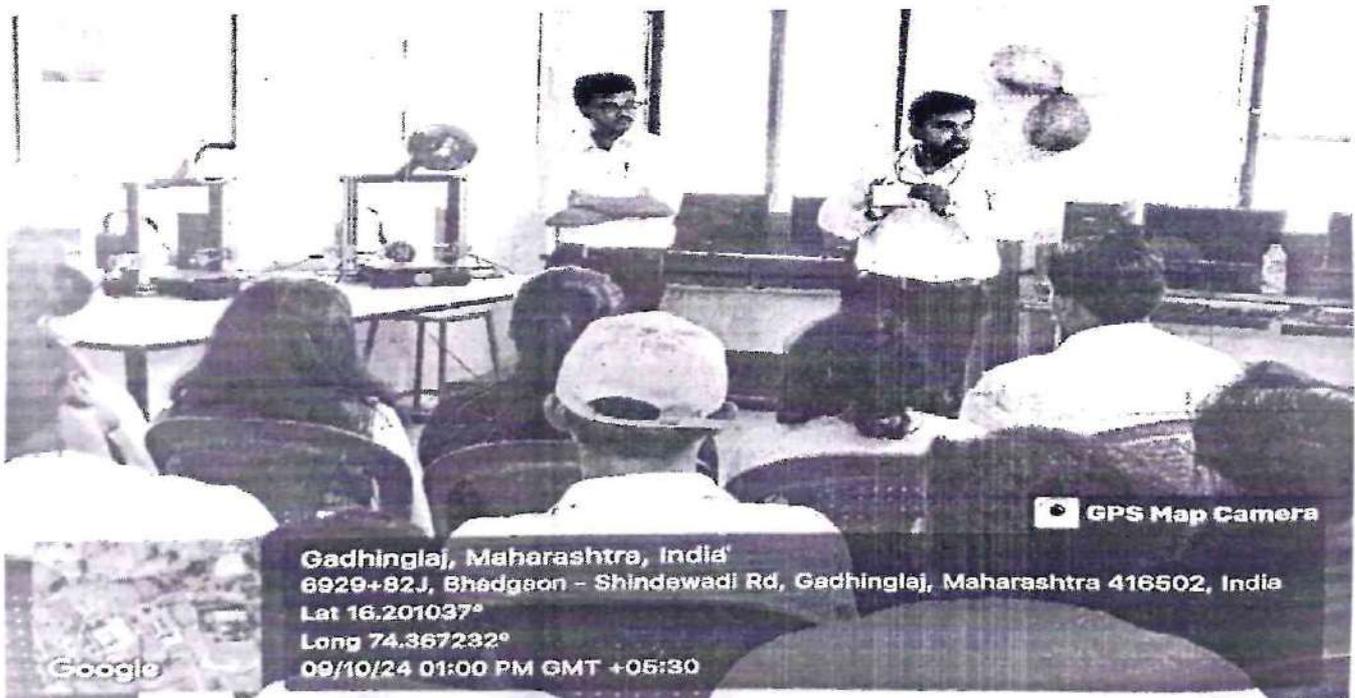


DAY 02

1. Practice on 3D Printer



2. Detailing of 3D Model





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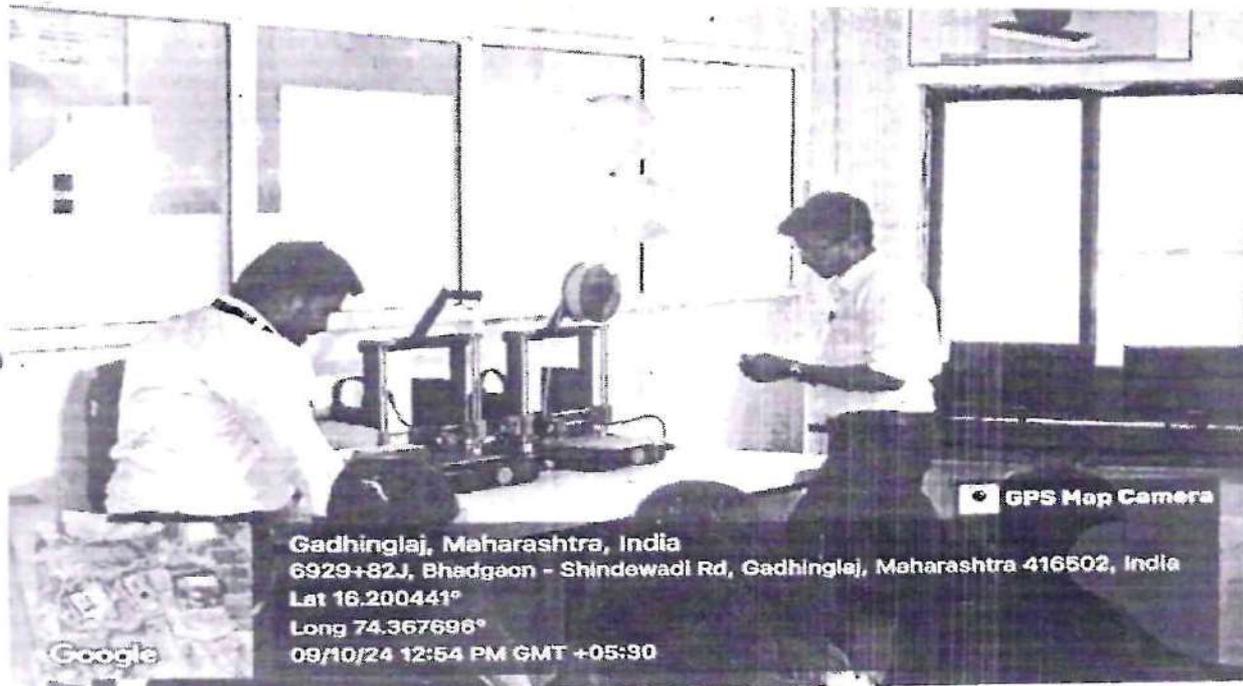
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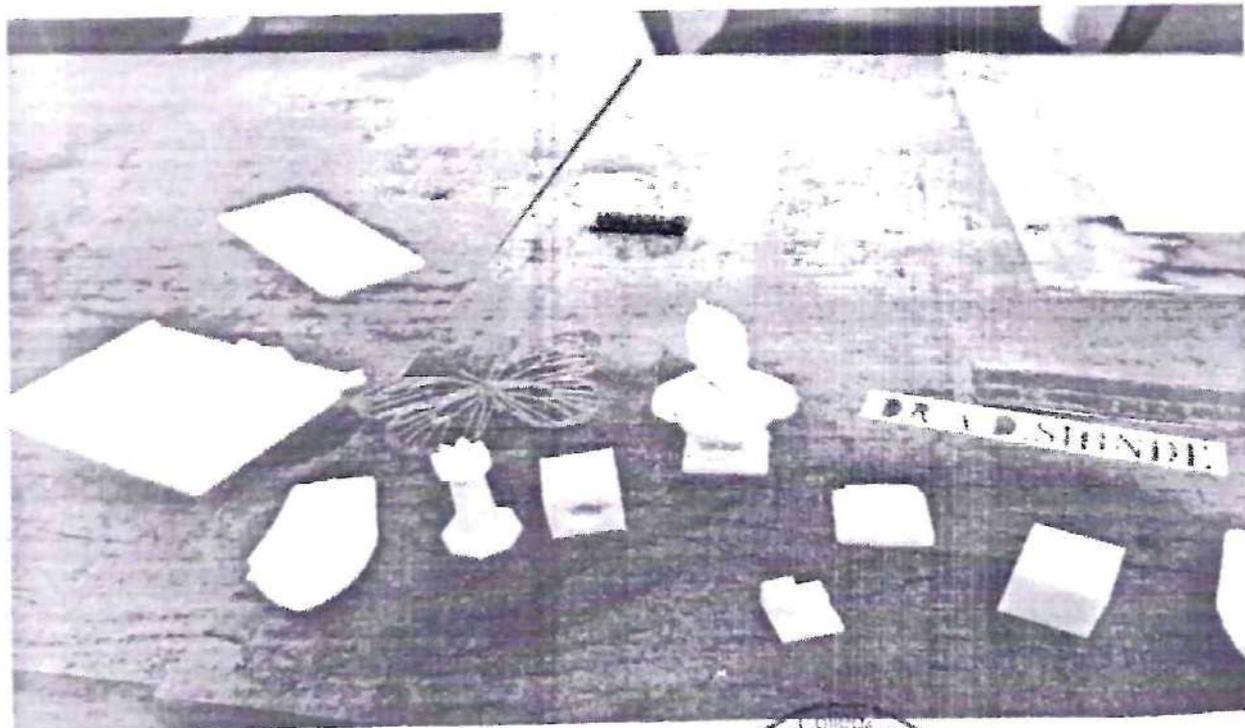
**Academic Year 2024-25**



### 3. Filament changing process on 3D Printer



### 4. Sample of 3D Printer Prototype

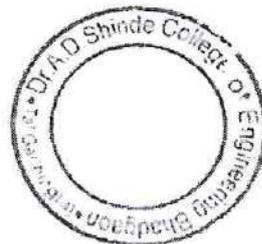




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5. Certificate Distribution





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## Department of Mechanical Engineering

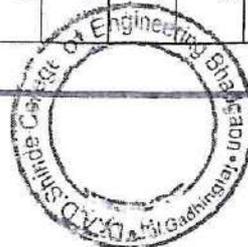
### 3D Printing - I AM 3D

### Two Day Workshop on 09/10/2024-10/10/2024

A. Y 2024-25

### Daily Attendance-BE

Sr. No	PRN	Student Name	09/10/24 Session-I	09/10/24 Session-II	10/10/24 Session-I	10/10/24 Session-II	10/10/24 Session-III
1	2022087049	ASWALE SAMIR PRABHAKAR					
2	2020075741	AWADAN NILESH NARAYAN					
3	2022086799	DESAL JAYANT KHANDERAO					
4	2022086987	DESAL PRAVIN SHIVGONDA					
5	2016106433	DEVADKAR TEJASHRI ISHWARA					
6	2022086986	DHANA WDE NIKHIL MARUTI					
7	2021072462	DHURI VINA YAK MARUTI					
8	2022087089	HODAGE AVINASH RAJENDRA					
9	2021072285	HUNDALE WADKAR NIKHIL SUBHASH					





“डॉ.ए.डी.शिंदे कॉलेज ऑफ इंजिनिअरिंगमध्ये 3 - डी प्रिटींग कार्यशाळा उत्साहात संपन्न”

डॉ.ए.डी.शिंदे कॉलेज ऑफ इंजिनिअरिंगमध्ये प्राध्यापक व विद्यार्थ्यांसाठी दोन दिवसीय 3-डी प्रिटींग कार्यशाळा उत्साहात पार पडली. कार्यशाळेसाठी श्री. हर्ष घोडके, आर.एन.टी.रोबोटीक्स, कोल्हापूर प्रमुख मार्गदर्शक म्हणून लाभले. कार्यशाळेचे प्रास्ताविक विभागप्रमुख प्रा. जी.एम.कुंभार यांनी केले.

कार्यशाळेचे उदघाटन प्रमुख पाहुण्या संस्थेच्या सचिव सौ.स्वातीताई कोरी यांनी केले, तर सर्व पाहुण्यांचे स्वागत संस्थेचे सल्लागार श्री. महेश कोरी यांनी केले. याप्रसंगी आजच्या जीवनात 3- डी प्रिटींगचे काय महत्त्व आहे. हे प्राचार्य डॉ.डी.व्ही.घेवडे यांनी सर्वाना पटवून सांगितले.

या दोन दिवसीय कार्यशाळेमध्ये सोप्या सहज पद्धतीने आणि वेगवेगळ्या मटेरियलच्या साहाय्याने 3- डी प्रिटींगचे मॉडेल कसे निर्माण करायचे याचे प्रात्यक्षिक 3- डी प्रिटींग मशीनवर दाखवण्यात आले. सर्व सहभागी विद्यार्थ्यांना प्रमाणपत्र देण्यात आली.



या प्रसंगी उपप्राचार्य श्री.के.एस. जोशी, डॉ. विरेश जी मउद, डॉ. सचिन मेहता आणि प्रा. इमरान पटेल यांनी आपली मनोगते व्यक्त केली. सदर कार्यशाळेचे समन्वयक म्हणून प्रा. अनिरुद्ध भोई सदर कार्यशाळेमध्ये 30 प्राध्यापक व विद्यार्थ्यांनी सहभाग घेतला होता.

कार्यशाळेचे सूत्रांवालय प्रा. पल्लवी कोकीतकर तर आभार प्रा. श्रीपाद बागडी यांनी मानले.



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**DR. A. D. SHINDE**

**COLLEGE OF ENGINEERING**

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Campus Director/Principal  
Dr. D. V. Ghewade

Secretary  
Mrs. Swati Mahesh Kori

President  
Urmiladvi S. Shinde



Ref. DADS/CE/6878/24-25/345

Date: 10/10/2024

To,

Mr. Ghodake H.S.

Assistant Engineer,

RNT Robotics,

Kolhapur

Subject: Regarding thanking for conducting workshop on "3 D Printing"

Respected sir,

On the behalf of our institute Dr. A. D. Shinde College of Engineering, Bhadgaon, Mechanical Department, we are very thankful to you for conducting such a needful workshop on "3 D Printing" and sharing your knowledge with us.

So, we heartily thank to you and hope you will join with us in future also.

Best regards,

*[Signature]*  
Principal

*[Signature]*  
Received



At Post Gaddai, Bhadgaon, Gadhinglaj  
Tal. Gadhinglaj, Dist. Kolhapur, Pin. 416502

Office Ph. No. : 91 8308830656  
Email: principal.dadscoe.ij@gmail.com

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Campus Director/Principal  
Dr. D. V. Ghewade

Secretary  
Mrs. Swati Mahesh Kori

President  
Urmiladvi S. Shinde



Ref. DADSCOE 6878/24-25/345

Date: 10/10/2024

To,

Mr. Ghodake H.S.

Assistant Engineer,

RNT Robotics,

Kolhapur

Subject: Regarding thanking for conducting workshop on "3 D Printing"  
Respected sir,

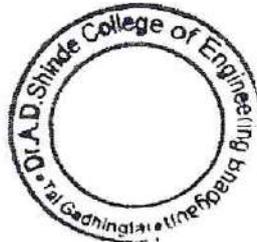
On the behalf of our institute Dr. A. D. Shinde College of Engineering, Bhadgaon, Mechanical Department, we are very thankful to you for conducting such a needful workshop on "3 D Printing" and sharing your knowledge with us.

So, we heartily thank to you and hope you will join with us in future also.

Best regards,

*[Signature]*  
Principal

*[Signature]*  
Received





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Bhadgaon, Gadchiroli, Dist: Kolhapur Pin:416502  
**Academic Year 2024-25**  
**Mechanical Engineering Department**



**Name of the Program:** Pratikruti Engineer the future with 3D printing.

**Program driven by:** Tech Manthan 2K25

**Program Type:** Competition

**Program Theme:** Design and 3D Printing

**Start Date:** 08/02/2025

**End Date:** 08/02/2025

**Time:** 10:00AM to 4:00PM

**Venue:** CAD Lab, Mechanical Department at DADSCOE

**Number of students participants:** 40

**Number of Faculty Participants:** 01

**Mode of Session delivery:** offline

**Overview**

**Objectives of this Program:**

1. **Design Optimization** - Utilize 3D printing to create complex geometries and lightweight structures that are difficult to manufacture using traditional methods.
2. **Rapid Prototyping** - Accelerate the product development cycle by quickly producing prototypes for testing and design validation.
3. **Customization & Flexibility** - Enable the production of customized mechanical components with minimal modifications to the design process.
4. **Cost & Material Efficiency** - Reduce material waste and overall manufacturing costs by using additive manufacturing techniques instead of subtractive processes.

**Benefits in terms of Learning/Knowledge obtained**

1. Understanding Additive Manufacturing Principles
2. Improved Design & CAD Skills
3. Material Science & Selection
4. Problem-Solving & Innovation





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**Academic Year 2024-25**  
**Mechanical Engineering Department**

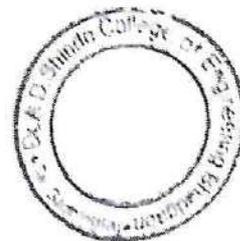


**Presentation of Pratikruti**

Photograph 1



Photograph 2

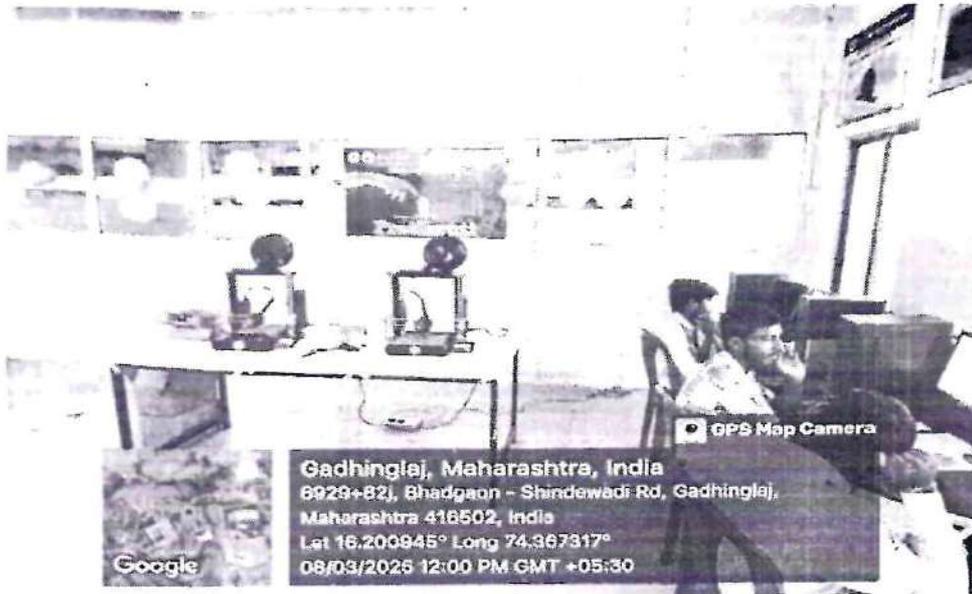




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Bhadgaon, Gadhinglaj, Dist: Kolhapur Pin:416502  
**Academic Year 2024-25**  
**Mechanical Engineering Department**



Photograph 3



Photograph 4





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Bhadgaon, Gadhinglaj, Dist: Kolhapur Pin:416502

**Academic Year 2024-25**

**Mechanical Engineering Department**



## **Result:**

**Rank 1 – Avinash Rajesndra Hodage.**

**Rank 2 - Aniket Krushnat Belekar.**

**Rank 3 – Nitesh Dashrath Jadhav.**





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**Academic Year 2024-25**  
**Mechanical Engineering Department**



Name of the activity: Pratikruti - Engineer the future with 3D printing.

Judge :- I. Asst. Prof. A. S. Bhoi  
Asst. Prof. DADSCOE.

Platform: Offline

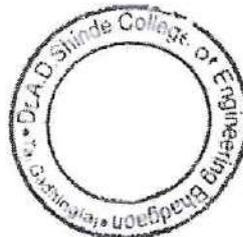
**Overall report of the activity:**

The "Pratikruti - Engineer the future with 3D printing." was held on 08/03/2025, at the CAD Lab, Mechanical Department at DADSCOE, Bhadgaon. This competition organized by mechanical engineering department. It was aimed at a design and 3D printing play a crucial role in modern manufacturing by enabling rapid prototyping and production of complex components. Using CAD software, engineers create detailed digital models optimized for additive manufacturing. 3D printing allows for reduced material waste, cost savings, and faster development cycles. Various materials, including plastics and metals, are used to produce strong and functional parts. This technology enhances innovation, customization, and efficiency in mechanical engineering applications.

Program Co-Ordinator

HOD

Principal

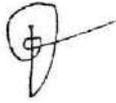


**Faculty Members:-**

I. Mr. Aniruddha Subhashrao Bhoi



**Program Co-Ordinator**



**HOD**



**Principal**





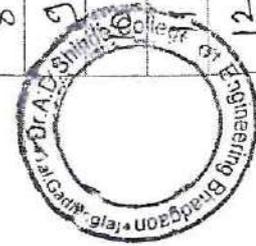
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Bhadgaon, Gadhinglaj. Dist.: Kolhapur Pin: 416502  
**Academic Year 2024-25**



**Registration Form**

**TECH MANTHAN 2K25**

Sr. No.	Name of Participant	Name of College	Contact Number	Receipt Number	Sign
1.	Aniket K. Belekar	Dr. A. D. Shinde COE	9834031433	951	
2.	Avinash R. Hodage	Dr. A. D. Shinde COE	8600734761	952	
3.	Vinayak M. Dhuri	"	8800663442	953	
4.	Niteesh D. Jadhav	"	8552863425	954	
5.	Kiran S. Mohite	"	7385858382	955	
6.	Pratiksha D. Suryavanshi	"	7666115280	956	
7.	Rutuja R. Patil	"	7262951918	957	
8.	Tejashri T. Devadkar	"	9503400784	958	
9.	Omkar S. Jadhav	"	9096922850	959	
10.	Abhishek A. Maje	SJPN, Nideshi	8494825001	960	
11.	Shweta S. Patil	Dr. A. D. Shinde COE	7499407273	961	
12.	Mahmadgaus Mhamiche	"	9130101947	962	
13.	Rahul S. Patil	"	7888124278	963	
14.	Vinod Patil	"	9595791422	639	
15.	Sameer. Aswale	"	8329484550	964	





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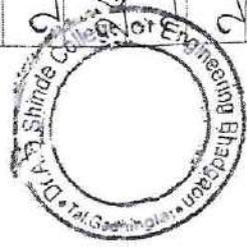


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Bhadgaon, Gadhinglaj, Dist.: Kolhapur Pin: 416502  
**Academic Year 2024-25**

**Registration Form**

**TECH MANTHAN 2K25**

Sr. No.	Name of Participant	Name of College	Contact Number	Receipt Number	Sign
16.	Aditya Salokhe	Dr. A. D. Shinde COE	9830104838	ID: 101129304371	
17.	AKshay Patil	"	98222781443	ID: 506751668428	
18.	Rushikesh Raut	"	9970803020	ID: 50665888751	
19.	Atamnad Gavali	"	9665096306	968	
20.	Manuati Powar	"	9637240516	969	
21.	Vishwajeet Sutar	"	9623815138	870 971	
22.	Gautam Bhakeri	"	7820876621	972	
23.	Sahil Patil	"	9112736162	973 973	
24.	Rekha Patil	"	9765699327	974	
25.	Draakshayami Kesarkar	"	7083688755	975	
26.	Rohit Nikam	"	9767123075	976	
27.	Basvraj Kambale	"	9220308006	977	
28.	Santosh Sutar	"	866913908	970	
29.	Shreysh Jahar	"	8614390869	978	
30.	AKash Telli	"	738795715	979	







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**Academic Year 2024-25**



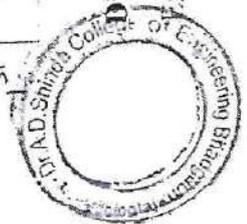
Rubrics for Pratikruti

TECH MANTHAN 2K25

Sr. No.	Name of Participant	Category						
		Technical Proficiency	Dimensional Correctness	Time Management	Software Process Knowledge	Making 3D Model	Total Score	
P.C.No.								
1.	Abhishek Majage	-	-	-	-	-	-	
2.	Mahmadgaus Mhamuiche	01	01	-	-	-	02	
3.	Omkar Jadhav	02	01	-	01	-	03	
4.	Samir Aswale	03	02	-	02	-	07	
5.								
6.	Kiran Mohite	03	03	1:10min	02	-	08	
7.	Aniket Belekar	05	05	(42min) 03	04	05	22	
8.	Avinash Hodge	05	05	(37min) 04	05	05	24	

2<sup>nd</sup>

1<sup>st</sup>



**Distribution of Marks**

Excellent ( 5 Marks ) Good ( 4 Marks ) Fair ( 3 Marks ) Moderate ( 2 Marks ) Need Improvement ( 1 Marks )



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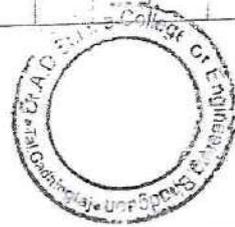
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Bhadgaon, Gadhinglaj. Dist.: Kolhapur Pin: 416502

**Academic Year 2024-25**



Sr. No.	Name of Participant	Technical Proficiency	Dimensional Correctness	Time Management	Software Process Knowledge	Making 3D Model	Total Score
P.C.No.							
9.	Nitesh Jadhav.	05	05	(55min) (02)	05	04	21
10.							
11.	Vinayak Dhuri	04	04	1:21	-	-	08
12.	Rahul Patil	01	01	-	-	-	02
13.	Pratiksha Suryeshi	04	04	above 1hr	02	-	011
14.	Shewata Patil	03	02	-	-	-	05
15.	Rutuja Patil	03	03	-	-	-	06
16.	Tejashri Devalkar	03	02	-	-	-	05
17.	Rushikesh Ravut	02	02	-	-	-	04
18.	Vinod Patil	02	02	-	-	-	04
19.	Aditya Salokhe	01	01	-	-	-	02
20.	Akshay Patil	01	01	-	-	-	02
21.	Vishwajeet Sutar	01	02	-	-	-	03
22.	Gautam Bhatgi	01	01	-	-	-	02
23.	Sahil Patil	01	02	-	-	-	03





Dinkarrao K. Shinde Smarak Trusts

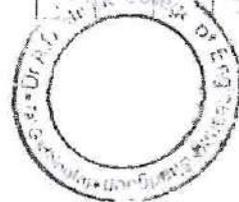
**DR. A. D. SHINDE COLLEGE OF ENGINEERING**

Bhadgaon, Gadhinglaj. Dist.: Kolhapur Pin: 416502

**Academic Year 2024-25**



Sr. No.	Name of Participant	Technical Proficiency	Dimensional Correctness	Time Management	Software Process Knowledge	Making 3D Model	Total Score
24	Retha Patil	02	01	00	-	-	03
25	Draakshyani Kesarkar	02	01	00	-	-	03
26	Rohit Nikam	03	00	00	-	-	03
27	Basavraj Kambale	02	01	00	-	-	03
28	santosh sutar	02	01	-	-	-	03
29	shreyash lohar	02	01	-	-	-	03
30	Apash Teli	02	01	-	-	-	03
31	santosh sutar	02	01	-	-	-	03
32	pratikraj Ghatge	02	01	-	-	-	03
33	Fabuce Tushar	02	01	-	-	-	03
34	Patil Yogesh	02	01	-	-	-	03
35	Waghe Dnyaneshwar	02	01	-	-	-	03
36	shinde Ruturaj	02	00	-	-	-	02
37	Chougule Shivraj	02	01	-	-	-	03
38	Gundap Vishal	02	01	-	-	-	03





	<p>Dinkarrao K. Shinde Smarak Trusts</p> <p><b>DR. A. D. SHINDE COLLEGE OF ENGINEERING.</b> Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502 <b>Academic Year 2024-25</b> <b>Department of Mechanical Engineering</b></p>	
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Ref: **DADSCOE/6878/24-25/406**

Date: **25/03/2025**

To,

Mr. Asif Naikwade  
Asst. Manager  
Tata Consulting  
Engineers, Pune

Subject: Invitation as a resource person for a workshop on "Design thinking, critical thinking and innovation"

Respected sir,

On the behalf of our institute Dr. A. D. Shinde College of Engineering, Bhadgaon, Mechanical Engineering Department, we are very pleased to inviting you as a resource person to conduct a workshop on " Design thinking, critical thinking and innovation " at our college campus. We are planning to arrange the workshop on 02/04/2025 for our Third and Final-year students.

Your expertise and knowledge would definitely help our students. We hope you can make time in your busy schedule and guide our Mechanical Engineering Department Students.

Thanking you best regards,



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



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**



**Name of the Program:** Workshop on design thinking, critical thinking, and innovation design

**Program driven by:** Mechanical Department

**Program Type:** Workshop

**Program Theme:**

**Start Date:** 02/04/2025

**End Date:** 02/04/2025

**Time:** 10:00AM to 4:00PM

**Venue:** Seminar Hall, DADSIOT, Bhadgaon

**Number of students participants:** 51

**Number of Faculty Participants:** 7

**Mode of Session delivery:** offline Overview

**Objectives of this session:**

1. Understanding the Core Concepts
2. Applying Design Thinking for Problem-Solving
3. Enhancing Critical Thinking Skills
4. Driving Innovation Through Design
5. Collaborative Problem-Solving & Real-World Application

**Benefits in terms of Learning/Knowledge obtained**

1. Improved Problem-Solving Abilities
2. Enhanced Creativity and Innovation Skills
3. Strengthened Critical Thinking and Decision-Making
4. Human-Centered Approach to Design and Innovation
5. Practical Experience in Collaborative Innovation





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

Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502

**Academic Year 2024-25**

**Department of Mechanical Engineering**

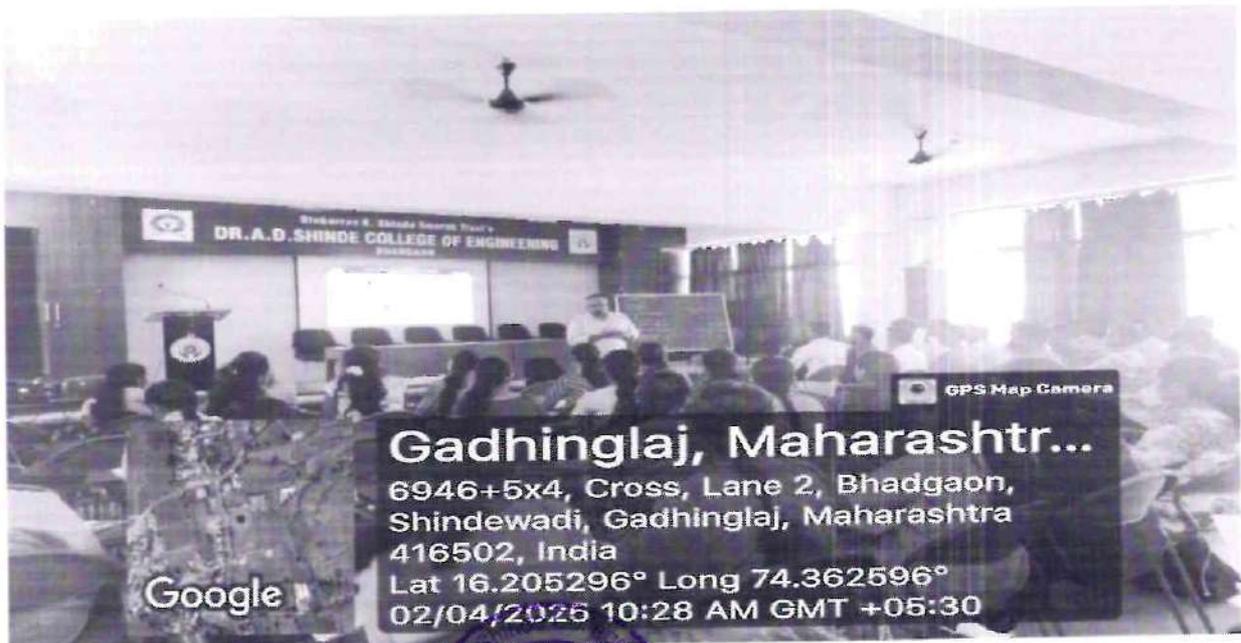


## Presentation of workshop

Photograph 1

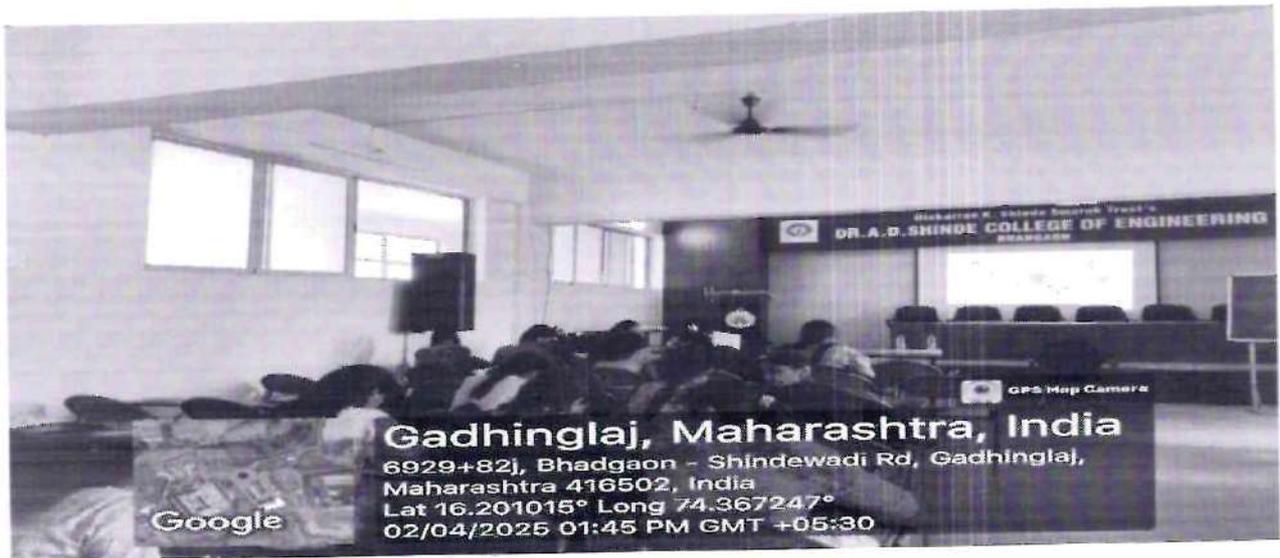


Photograph 2

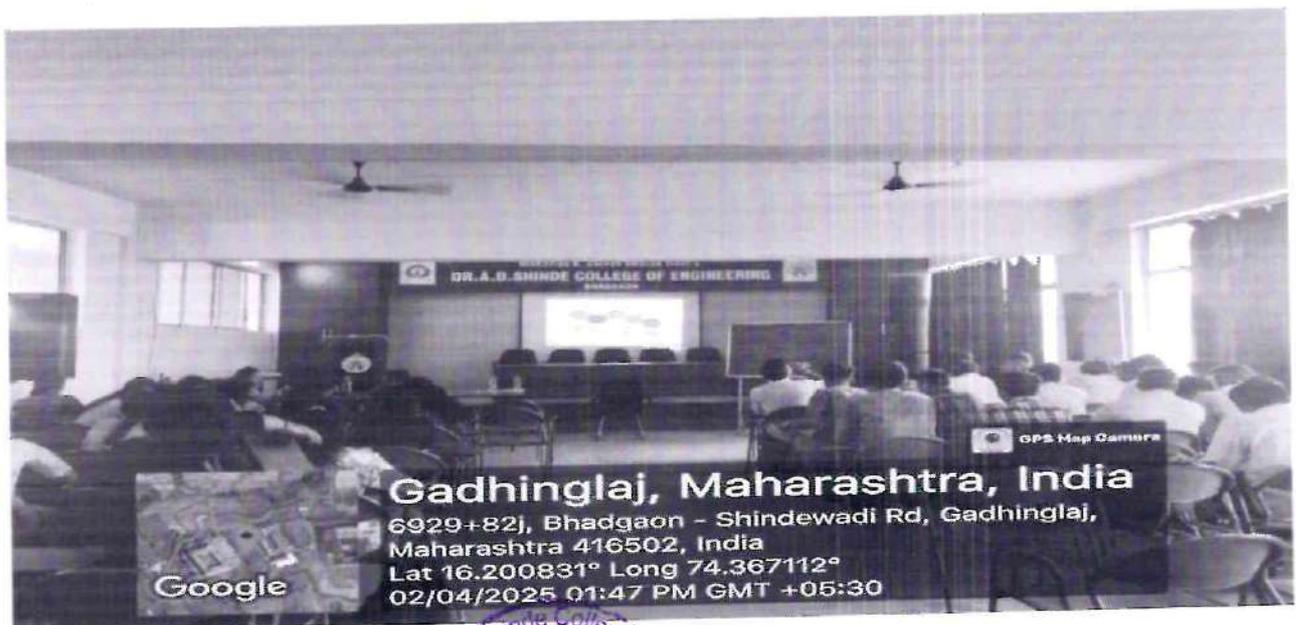


	<p style="text-align: center;">Dinkarrao K. Shinde Smarak Trusts</p> <p style="text-align: center;"><b>DR. A. D. SHINDE COLLEGE OF ENGINEERING.</b>          Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin: 416502  <b>Academic Year 2024-25</b>  <b>Department of Mechanical Engineering</b></p>	
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Photograph 3



Photograph 4





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

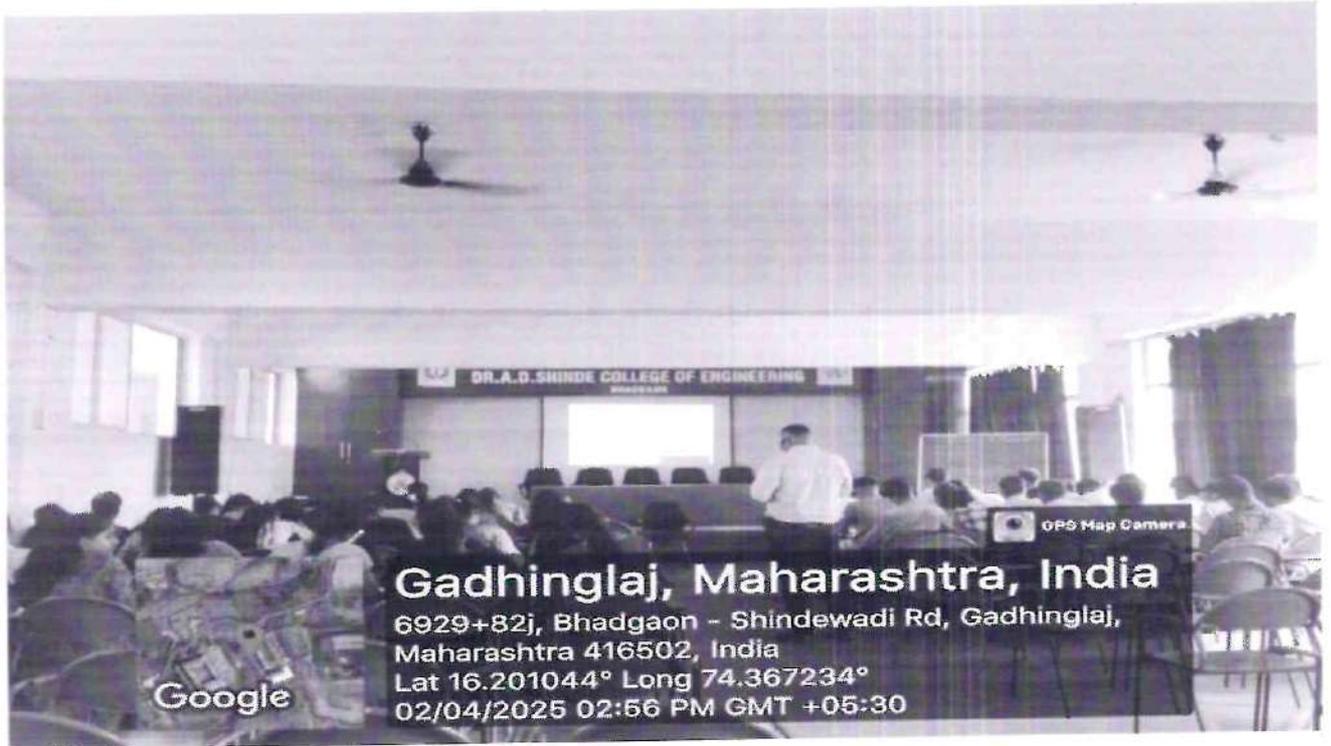
Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin: 416502

**Academic Year 2024-25**

**Department of Mechanical Engineering**



Photograph 5



	<p>Dinkarrao K. Shinde Smarak Trusts</p> <p><b>DR. A. D. SHINDE COLLEGE OF ENGINEERING.</b>          Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin: 416502  <b>Academic Year 2024-25</b>  <b>Department of Mechanical Engineering</b></p>	
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**Name of the activity:** Workshop on design thinking, critical thinking and innovation design.

**Speaker:-** Mr. Asif Naikwade  
 TATA Consulting  
 engineers LTD(Pune)  
 Asst. Manager

**Platform:** Offline

**Overall report of the activity:**

The "**One Day Workshop on design thinking, critical thinking and innovation design** " was held on 02/04/2025, at the Dr. Mokshagundam Visvesvaraya Seminar Hall, DADSCOE, Bhadgaon. This workshop, organized in collaboration with the **Institution's Innovation Council (IIC)**, was aimed to equip participants with problem-solving skills, creative methodologies, and structured approaches to innovation.

The workshop successfully provided an engaging and insightful experience, empowering participants with valuable tools for innovation and problem-solving. The interactive sessions and hands-on exercises enriched the learning process, making it a highly impactful even.



**Program Co-Ordinator**



**HOD**



**Principal**





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**



**Student attendance list:-**

Dinkarrao K. Shinde Smarak Trusts		
DR. A. D. SHINDE COLLEGE OF ENGINEERING		
Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502		
Institution's Innovation Council (IIC)		
Academic Year 2024-25		
Student Attendance Sheet		Date
Sr.no	Name of student	Sign
1.	Shravani Samir Karnat	
2.	Vaishnavi Jivan Kumbhat	
3.	Prachi Shivaji Chothe	
4.	Rutika Guruprasad Kamalakar	
5.	Sakshi Amar Borgave	
6.	Sarika Satappa Kadam	
7.	Prachi Pundlik Ajagekar	
8.	Nikita Annasaheb Bhosale	
9.	Sunila Rajendra Rane	
10.	Nivedita Rajaram Bhatwal	
11.	Vaishnavi Vijay Mane	
12.	Shweta Siddappa Barchi	
13.	Bushama Ananda Tembugade	
14.	Sakshi Balu shinde	
15.	Ashwini Sambhaji Patil	
16.	Saloni Ramdas Patil	
17.	Alfiya Javed Nadaf	
18.	Bhakti Yasant Sutar	
19.	Tanvi Ramesh Mhatugade	
20.	Sonika Rajendra chavan	
21.	Manali Parasharam Moture	
22.	Tejaswini Tonaji Patil	
23.	Dyaneshwari Dilip Patil	





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

Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin: 416502

**Academic Year 2024-25**

**Department of Mechanical Engineering**



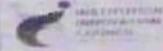
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**DR. A. D. SHINDE COLLEGE OF ENGINEERING**

Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin: 416502

**Institution's Innovation Council (IC)**

**Academic Year 2024-25**



24	Karuna Tukaram Godase	Karuna
25	Rutuja Chandrakant Padekar	Rutuja
26	Ashwini Prajapati Dorugade	Ashwini
27	Ankita Anant Patil	Ankita
28	Saniya Bhikaji Jagdale	Saniya
29	Khushi Uttam Kambale	Khushi
30	Ankita Ranjit Khatode	Ankita
31	Vaishnavi Bhimchankar Khosade	Vaishnavi
32	Varsha Balavant Kambale	Varsha
33	Smriti Vishwas Khandagale	Smriti
34	Shivani and Manohar Mujgonda	Shivani
35	Danish Nikum Panhalkar	Danish
36	Jateba Shivaji Pandharpur	Jateba
37	Paashavanath Chandrakant Dhupodike	Paashavanath
38	Adarsh Nitaji Kuzade	Adarsh
39	Aditya Dinkar Kumbhar	Aditya
40	Rajvardhan Bajirao Chavan	Rajvardhan
41	Tadhai Sanket Vikas	Tadhai
42	Jagade Amar Dada	Jagade
43	Thombhe Shivaji Jaxman	Thombhe
44	Kamble Sushant Sanju	Kamble
45	Parth Vinod Musale	Parth
46	Shreevivas Bhagaji Gudavalekar	Shreevivas
45	Vishwajit Manasing Sawantepati	V. M. Sawantepati
46	Ravikiran Rajendra Khairmode	Ravikiran







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**



**Faculty Members:-**

1. Ms. Pallavi Kokitakar
2. Ms. Sanjana Solapure
3. Mr. Irfan Trasgar
4. Ms. Shubhangi Pujari
5. Ms. Mayuri Nimbalkar
6. Ms. Ketaki Gurav
7. Ms. Pooja Shirgavi

**Program Co-Ordinator**

**HOD**

**Principal**





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**



Ref: **DADSCOE/6878/24-25/430**

Date: **02/04/2025**

To,

Mr. Asif Naikwade  
Asst. Manager  
Tata Consulting  
Engineers, Pune.

Subject: Thanking Letter

Respected sir,

On the behalf of our institute Dr. A. D. Shinde College of Engineering, Bhadgaon, Mechanical Engineering Department, we are very much thankful to you for conducting one day workshop on "Design thinking, critical thinking and innovation" on 02/04/2025 in our college campus and sharing your valuable knowledge to our students.

So, we heartily thank to you and hope you will join with us in future also.

Thanking you with Best regards



*V. Joshi*  
PRINCIPAL

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

Dinkarrao K. Shinde Smarak Trusts

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

Bhadgaon, Gadhinglaj, Dist: Kolhapur Pin: 416502

**Academic Year 2024-25**



Ref: DADSCOE/6878/24-25/537

Date: 04/04/2025

To

Mr. Rohit Kadam,

MD, Robosap Innovations,

Nipani.

**Subject: Invitation as a resource person for workshop on "Do it Yourself- Development of Mini Projects"**

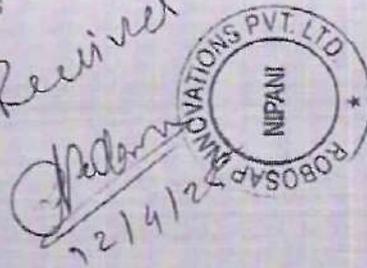
Respected sir,

On the behalf of our institute, Dr. A. D. Shinde College of Engineering, Bhadgaon, Mechanical Engineering Department, we are very pleased to inviting you as a resource person to conduct a workshop on "Do it Yourself- Development of Mini Projects" at our college campus. We are planning to arrange the workshop on 11/04/2024 and 12/04/2024 for our Third and Final-year students.

Your expertise and knowledge would definitely help our students. We hope you can make time in your busy schedule and guide our Mechanical Engineering Department Students.

Thanking you with Best regards

*Received,*



*[Signature]*  
PRINCIPAL  
A.D Shinde College of Engineering  
Bhadgaon, Tal Gadhinglaj, Dist. Kolhapur



Dinkarrao K. Shinde Smarak Trusts

**DR. A. D. SHINDE COLLEGE OF ENGINEERING.**  
Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin: 416502  
**Academic Year 2024-25**



**Name of the Program:** Mechatronics – Do it yourself.

**Program driven by:** Mechanical Department

**Program Type:** Mini Project.

**Program Theme:** Mini Project based applications.

**Guest:** Mr. Rohit Kadam.

**Start Date:** 11/04/2025

**End Date:** 12/04/2025

**Time:** 10:00AM to 4:00PM

**Venue:** CAD Lab, Mechanical Department at DADSCOE

**Number of students participants:** 72

**Number of Faculty Participants:** 02

**Mode of Session delivery:** offline

### Overview

### Objectives of this Program:

1. To familiarize students with the interdisciplinary components of mechatronics systems including sensors, actuators, microcontrollers, and mechanical elements
2. To enhance students' ability to conceptualize, design, and implement basic mechatronics-based mini projects.
3. To develop hands-on skills in prototyping and integrating hardware and software for real-world applications.
4. To encourage innovation and teamwork through the development and presentation of functional mini project prototypes.

### Benefits in terms of Learning/Knowledge obtained

1. **Hands-on experience** with real-world mechatronics applications
2. **Improved technical skills** in sensors, microcontrollers, and system integration.
3. **Enhanced creativity and problem-solving** through project-based learning.
4. **Teamwork and communication** skills development during collaborative projects.



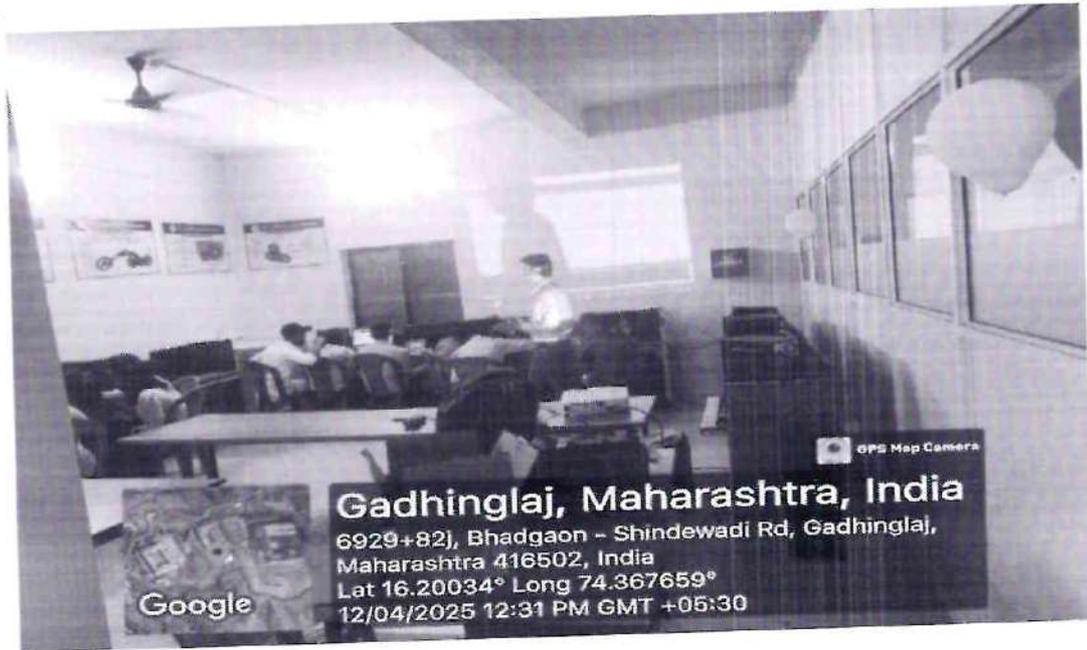


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Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin: 416502  
**Academic Year 2024-25**

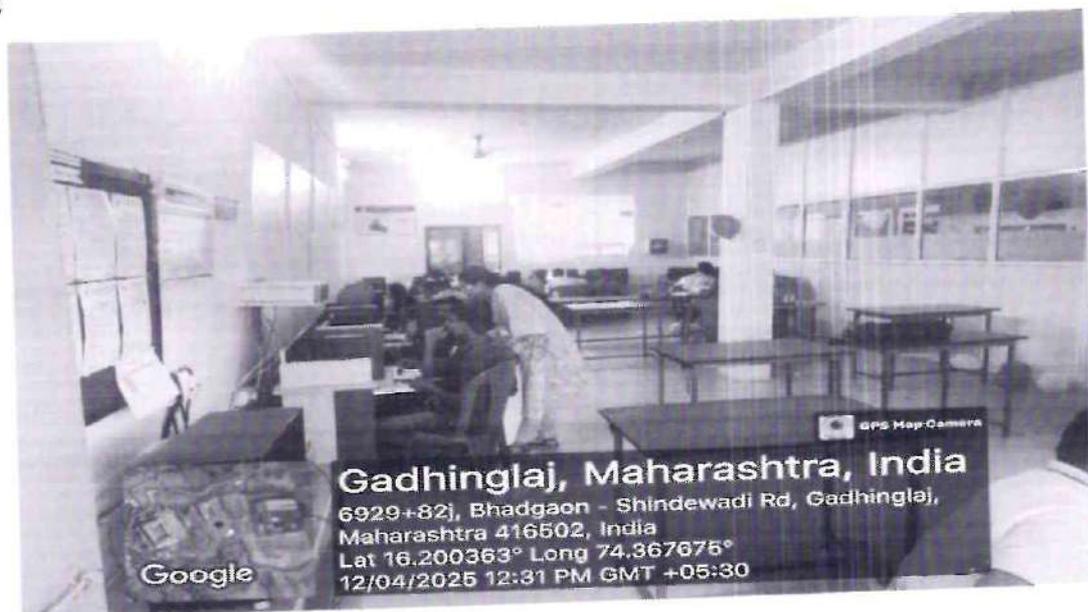


## Presentation of Mechatronics – Do it yourself.

Photograph 1



Photograph 2





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**DR. A. D. SHINDE COLLEGE OF ENGINEERING.**  
Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin: 416502  
**Academic Year 2024-25**



Photograph 3



Photograph 4 – Certificate distribution.



	<p>Dinkarrao K. Shinde Smarak Trusts <b>DR. A. D. SHINDE COLLEGE OF ENGINEERING.</b> Bhadgaon, Gadhinglaj, Dist: Kolhapur Pin:416502 <b>Academic Year 2024-25</b> <b>Mechanical Engineering Department</b></p>	
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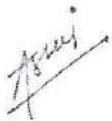
**Name of the activity:** Mechatronics – Do it yourself.

**Faculty:-** 1 . Asst. Prof. S. P. Bagadi  
2. Asst. Prof. A. S. Bhoi

**Platform:** Offline

**Overall report of the activity:**

The "Mechatronics – Do it yourself." was held on 11/04/2025 and 12/04/2025, at the **CAD Lab, Mechanical Department at DADSCOE, Bhadgaon.** A two-day workshop on **Mini Project Applications in Mechatronics** was successfully conducted to enhance students' practical understanding of mechatronics systems. The session introduced key components like sensors, actuators, and microcontrollers. Students actively participated in hands-on activities, building basic automation and robotic projects. The workshop encouraged innovation, teamwork, and technical creativity. Participants showcased their mini projects and received expert feedback. Overall, the workshop provided a valuable platform for bridging theoretical knowledge with real-world applications.



**Program Co-Ordinator**

**HOD**

**Principal**



# Attendance Sheet

Sl. No.		NAME	Signature	
			11/04/2025	12/04/2025
1	ASWALE SAMIR PRABHAKAR	<i>Aswale</i>	<i>Aswale</i>	
2	AWADAN NILESH NARAYAN	<i>Awadan</i>	<i>Awadan</i>	
3	DESAI JAYANT KHANDERAO	<i>Desai</i>	<i>Desai</i>	
4	DESAI PRAVIN SHIVGONDA	<i>Desai</i>	<i>Desai</i>	
5	DEVADKAR TEJASHRI ISHWARA	<i>Devadkar</i>	<i>Devadkar</i>	
6	DHANAWDE NIKHIL MARUTI	N.M.D.	N.M.D.	
7	DHURI VINAYAK MARUTI	<i>Dhuri</i>	<i>Dhuri</i>	
8	HODAGE AVINASH RAJENDRA	<i>Hodage</i>	<i>Hodage</i>	
9	HUNDALEWADKAR NIKHIL S	<i>Hundalewadkar</i>	<i>Hundalewadkar</i>	
10	JADHAV NITEESH DASHARATH	<i>Jadhav</i>	<i>Jadhav</i>	
11	MOHITE KIRAN SHIVAJI	<i>Mohite</i>	<i>Mohite</i>	
12	PATIL AKSHAY VASANT	<i>Patil</i>	<i>Patil</i>	
13	PATIL RAHUL SHIVAJI	<i>Patil</i>	<i>Patil</i>	
14	PATIL RUTUJA RAVINDRA	<i>Patil</i>	<i>Patil</i>	
15	PATIL SHUBHAM GANPAT	<i>Patil</i>	<i>Patil</i>	
16	PATIL SHWETA SUBHASH	<i>Patil</i>	<i>Patil</i>	
17	PATIL SIDDHANT DATTATRAY	<i>Patil</i>	<i>Patil</i>	
18	RAUT RUSHIKESH VIKRAM	<i>Raut</i>	<i>Raut</i>	
19	SALOKHE ADITYA ARUN	<i>Salokhe</i>	<i>Salokhe</i>	
20	SONALE DIPAK BALASO	<i>Sonale</i>	<i>Sonale</i>	
21	SONU SAURAV ASHOK KUMAR S	<i>Sonu Saurav</i>	<i>Sonu Saurav</i>	
22	SURYAVANSHI PRATIKSHA D.	<i>Suryavanshi</i>	<i>Suryavanshi</i>	
23	TORASKAR NILESHWAR AJIT	<i>Toraskar</i>	<i>Toraskar</i>	
24	GHODAKE ABHISHEK AVADHUT	<i>Ghodake</i>	<i>Ghodake</i>	
25	KAMBLE VINAYAK PANDURANG	K.V.P.	K.V.P.	
26	MANDALIK ROHAN VILAS	<i>Mandalik</i>	<i>Mandalik</i>	
27	PATIL SHRINIVAS YASHAWANT	<i>Patil</i>	<i>Patil</i>	
28	RANE NIKHIL SURESH	<i>Rane</i>	<i>Rane</i>	
29	<i>Ramase Priti Turvay</i>	<i>Ramase</i>	<i>Ramase</i>	



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



'Do it yourself' Workshop on Mechatronics

Third Year Attendance Record

Sl. No.	NAME OF STUDENT	Signature	
		11/04/2025	12/04/2025
1	BELEKAR ANIKET KRUSHNAT	Aniket	Aniket
2	CHOUGULE SHRIDHAR MAHADEV	Shridhar	Shridhar
3	HAKIM ANIS ADAM	Hakim	Hakim
4	JAMADAR DISHANT ALLABAKASH	Dishant	Dishant
5	KABURE TUSHAR DATTATRAY	Tushar	Tushar
6	KOTEKAR ROHAN RAJARAM	Rohank	Rohank
7	NAIK RAHUL NAMDEV	Rahul	Rahul
8	PATIL SAHIL SHANTARAM	Sahil	Sahil
9	PATIL AMOL SURESH	Amol	Amol
10	PATIL RAVINA PANDURANG	Ravina	Ravina
11	PATIL VINOD KALAGONDA	Vinod	Vinod
12	PATIL YOGESH NAMDEV	Yogesh	Yogesh
13	SWAMI ANIKET ASHOK	Swami	Swami
14	WAGHE DNYANESHWAR SUBHASH	Dnyaneshwar	Dnyaneshwar
15	SHINDE RUTURAJ PANDURANG	Ruturaj	Ruturaj
16	BHAKARI GAUTAM MAHESHKUMAR	Gautam	Gautam
17	BHARMAL ANMOL SACHIN	Bharmal	Bharmal
18	BHOSALE SIDDHESH RAJENDRA	Siddhesh	Siddhesh
19	CHOUGULE SHIVRAJ VIJAYKUMAR	Shivraj	Shivraj
20	DESAI HRISHIKESH SHRIDHAR	Hrishikesh	Hrishikesh
21	GAVALI ATAMANAND RAMESH	Atamanand	Atamanand
22	GHATAGE PRUTHIVIRAJ VASANT	Pruthviraj	Pruthviraj
23	GUNDAP VISHAL MARUTI	Vishal	Vishal
24	KAMBLE SHIVAJI PANDURANG	Shivaji	Shivaji
25	KAMBLE ADINATH KRISHNA	Adinath	Adinath
26	KAMBLE BASAVARAJ VIJAY	Basavaraj	Basavaraj
27	KAMBLE TUSHAR MAHADEV	Tushar	Tushar
28	KESARKAR DRAKSHAYANI PAPA	Drakshayani	Drakshayani
29	MALAVEKAR GANESH BALASO	Ganesh	Ganesh
30	MALI PRADIP PANDURANG	Pradip	Pradip
31	MANE VAIBHAV UDAY	Vaibhav	Vaibhav
32	PATIL ANIL PANDURANG	Anil	Anil
33	PATIL NITISH MADHUKAR	Nitish	Nitish
34	PATIL PRATHAMESH SANJAY	Prathamesh	Prathamesh





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

Bhadgaon, Gadhinglaj, Dist: Kolhapur Pin: 416502

**Academic Year 2024-25**

**Department of Mechanical Engineering**



35	PATIL REKHA RAGHUNATH	Pat.	Pat.
36	POWAR MARUTI CHINAPPA	Powar	Powar
37	SARSHETTI PRAVIN BASVANT	Sarshetti	Sarshetti
38	SUTAR VISHWAJEET VIJAY	Sutar	Sutar
39	SUTAR SANTOSH RAGHUNATH	Sutar	Sutar
40	TELI AKASH SURESH	Teli	Teli
41	WADAGULE VIRAJ MURLIDHAR	Wadagule	Wadagule
42	YADAV AKSHAY SAMBHAJI	Yadav	Yadav
43	PATIL ADITYA SURESH	Pat.	Pat.



**Faculty Members:-**

1. Mr. Aniruddha Subhashrao Bhoi
2. Mr. Shripad Pundalik Bagadi



**Program Co-Ordinator**



**HOD**



**Principal**



Dinkarrao K. Shinde Smarak Trusts

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

Bhadgaon, Gadhinglaj, Dist: Kolhapur Pin:416502

**Academic Year 2024-25**

**Department of Electronics & Computer Science**



Date: 27/12/2024

## NOTICE

All the students of Third year B. Tech are hereby informed that department is going to organize 5 days workshop on Internet of Things from 30/12/2024 to 03/01/2025 at DADSCOE seminar hall. Kindly attend the workshop without fail.

Reporting Time: 10:00 am



*Bhand*

**HOD**

Electronics & Computer Science  
Dr.A.D.Shinde College of Engineering  
A/P.Bhadgaon, Tal.Gadhinglaj



Dinkarrao K. Shinde Smarak Trusts

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

Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502

**Academic Year 2024-25**

**Department of Electronics & Computer Science**



To,  
The Principal,  
DADSCOE, Bhadgaon.

Subject: Request for Permission to organize a 5 days' workshop on Internet of Things.

Respected Sir,

I am writing to seek your permission to organize a 5-day workshop on "Internet of Things" scheduled to take place from 30/12/2024 to 03/01/2025 at DADSCOE seminar hall. The objective of this workshop is to provide our students with an opportunity to enhance their skills in Internet of Things and gain practical knowledge through expert session and hands on activities.

I kindly request your approval to organize this workshop and the necessary arrangements for the event.

Thanking You,

Registration  
Students will be charged fee  
Rs 2000/- . The expenses for  
the college may be around 30000/-  
Put up the proposal with Hon Secretary  
for consideration & sanctions  
*[Signature]*  
27/12/24

Band

HOD

Electronics & Computer Science  
Dr.A.D.Shinde College of Engineering  
A/P.Bhadgaon, Tal.Gadhinglaj





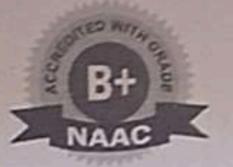
Dinkarrao K. Shinde Smarak Trusts

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

Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502

**Academic Year 2024-25**

**Department of Electronics & Computer Science**



**Attendance for 5 days workshop on Internet of Things**

Sr. No	Name of the students	30/12/24	31/12/24	01/01/25	02/01/25	03/01/25
1	Tejaswini Tanaji Patil	Patil	Patil	Patil	Patil	Tejle
2	Manali Parasharom Moture	M Moture	M Moture	M Moture	M Moture	M Moture
3	Vishwajit. M. Salunkhe	V.M.Sputil	V.M.Sputil	V.M.Sputil	V.M.Sputil	V.M.Sputil
4	Khairmode Ravikiran Rajendra	Rkhairmode	Rkhairmode	Rkhairmode	Rkhairmode	Rkhairmode
5	Pranjwal Prakash Chougale	Pranjwal	Pranjwal	Pranjwal	Pranjwal	Pranjwal
6	Sanket Bandopant Chindake	Sanket	Sanket	Sanket	Sanket	Sanket
7	Sambhaji Pandurang Chougale	SP	SP	SP	SP	SP
8	Nikhil Hovani Mugalihaikar.	NikhilM	NikhilM	NikhilM	NikhilM	Nikhil
9	Rutuja Chandekant Padekale		RJP	RJP	RJP	RJP
10	Karuna Tukaram Godase		Karuna	Karuna	Karuna	Karuna
11	Vishwajit. Salunkhe Patil		V.M.Sputil			

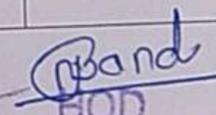


12	Sakshi Pandurang Jadhav	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	
13	Anrika Rajendra Chougule	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
14	Dnyaneshwari Dilip Patil	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
15	Somruddhi Sakhatam Ingavale	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
16	Sambhaji Pandurang Chougale	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
17	Shubhangi Chandrakant Karve	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
18	Nikhil Huvani Mujulihalakar	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
19	Diksha Namdev Sutar	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
20	Prachi Sanjay Rane	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
21	Shraddha Payanand Patil	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
22	Megha Bhikaji Hule	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
23	Yrushi Amar Malvi	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
24	Sweta Ganpatrao Hodage	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
25	Nikita Balu Waingade	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
26	Pooja Ashok Ingole	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
27	Arun Jaywant Bongarde	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
28	Gaurav Jaywant Bharrankar	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
29	Harshad Vilas Kasalkar	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>



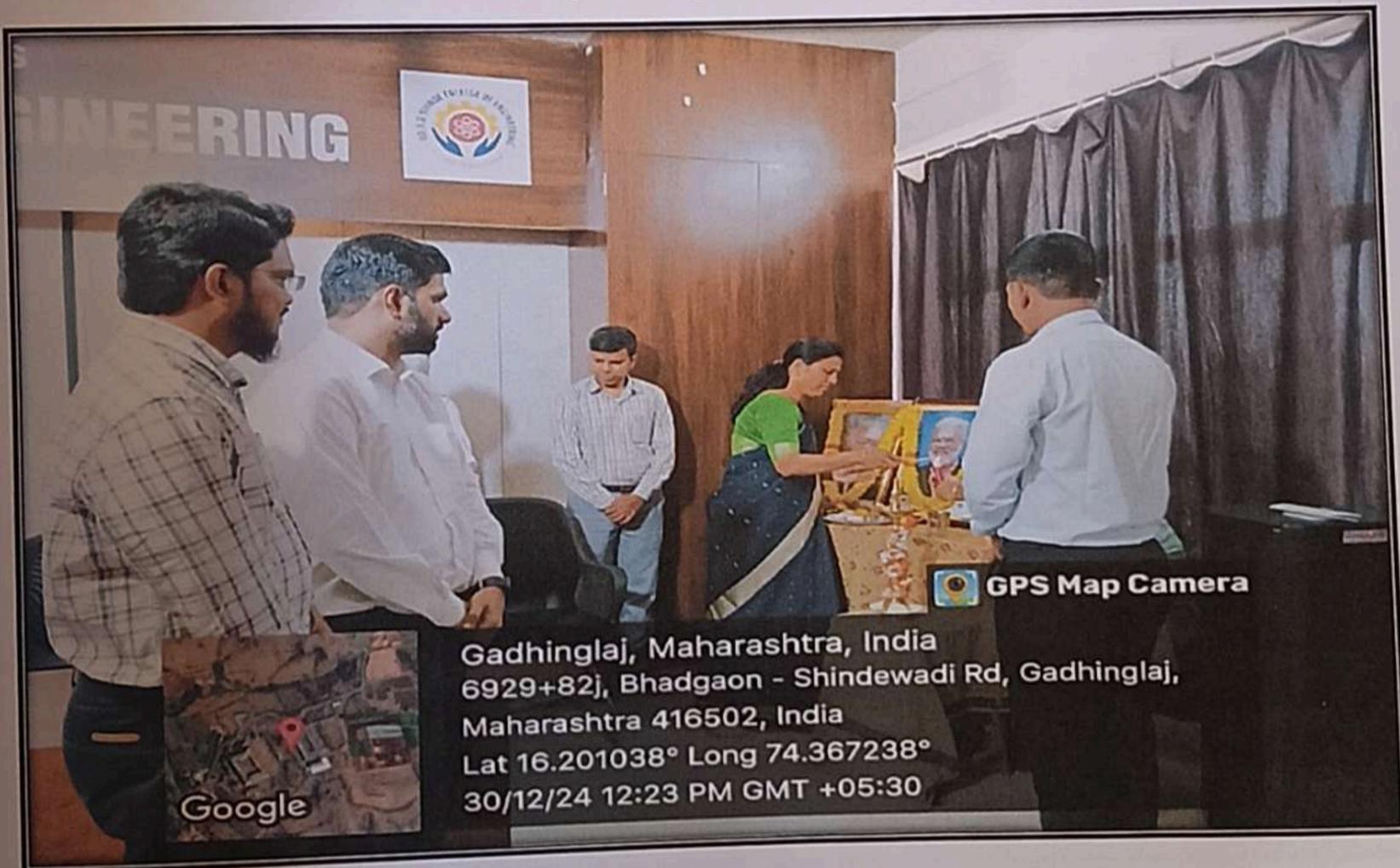
30	Sarvesh Desai			<del>Desai</del>	<del>Desai</del>	
31	Omkar M Patil			<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
32	Vikram A Kute			<del>Kute</del>		
33	Sahil S Horamble			Sahil	Sahil	
34	Gundurav S Gosai			<del>Gosai</del>		
35	Samiksha S Kolekar			Kolekar	Kolekar	
36	Vrushali H Divate			<del>Divate</del>	<del>Divate</del>	
37	Ritesh R Jondhale			Jondhale	Jondhale	
38	Rahul R Jadhav			Jadhav	Jadhav	
39	Prathamesh P. Pednekar				Pednekar	Pednekar
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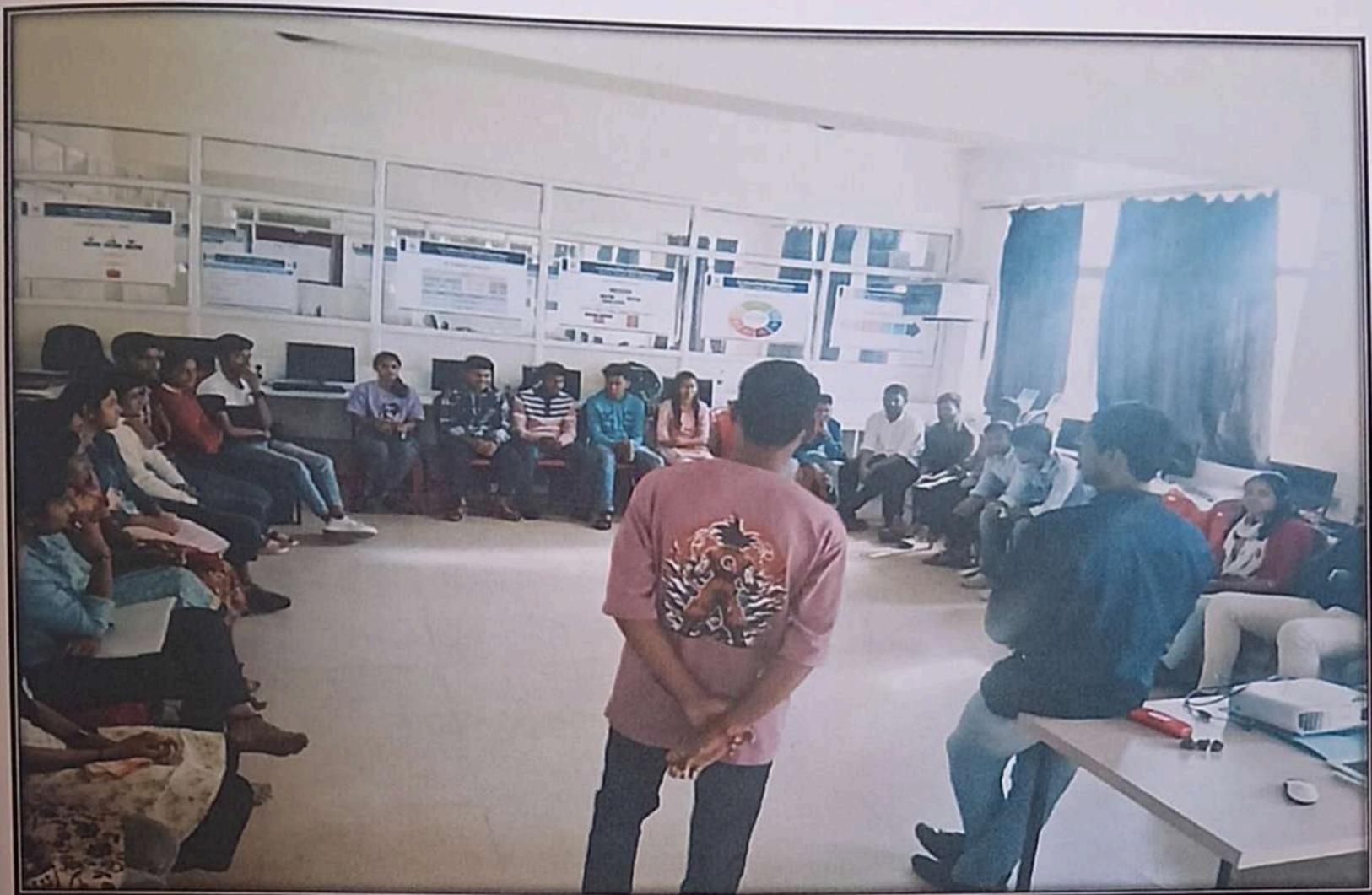


  
 HOD  
 Electronics & Computer Science  
 Dr.A.D.Shinde College of Engineering  
 A.P.Bhadgaon, Solapur

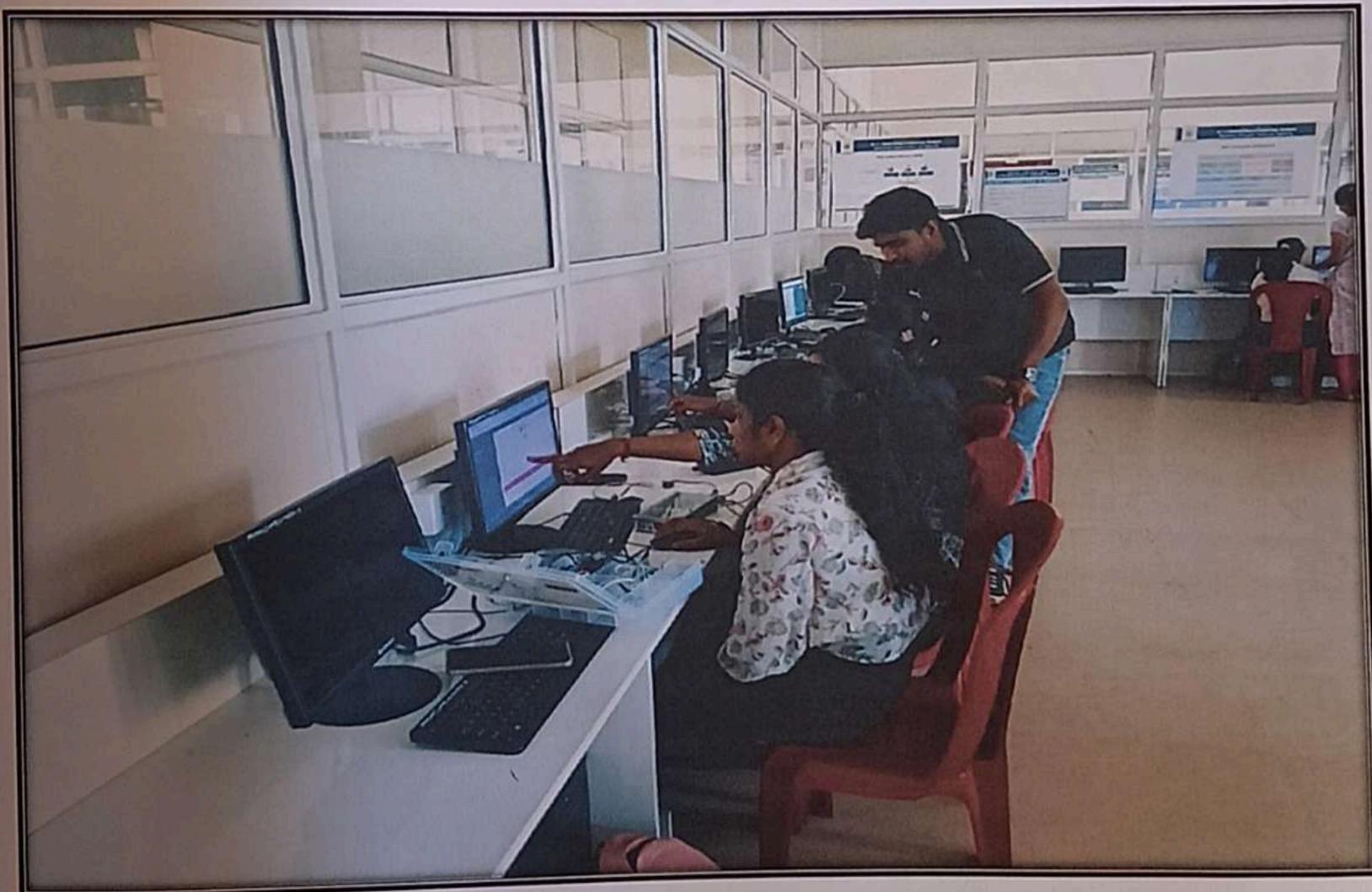


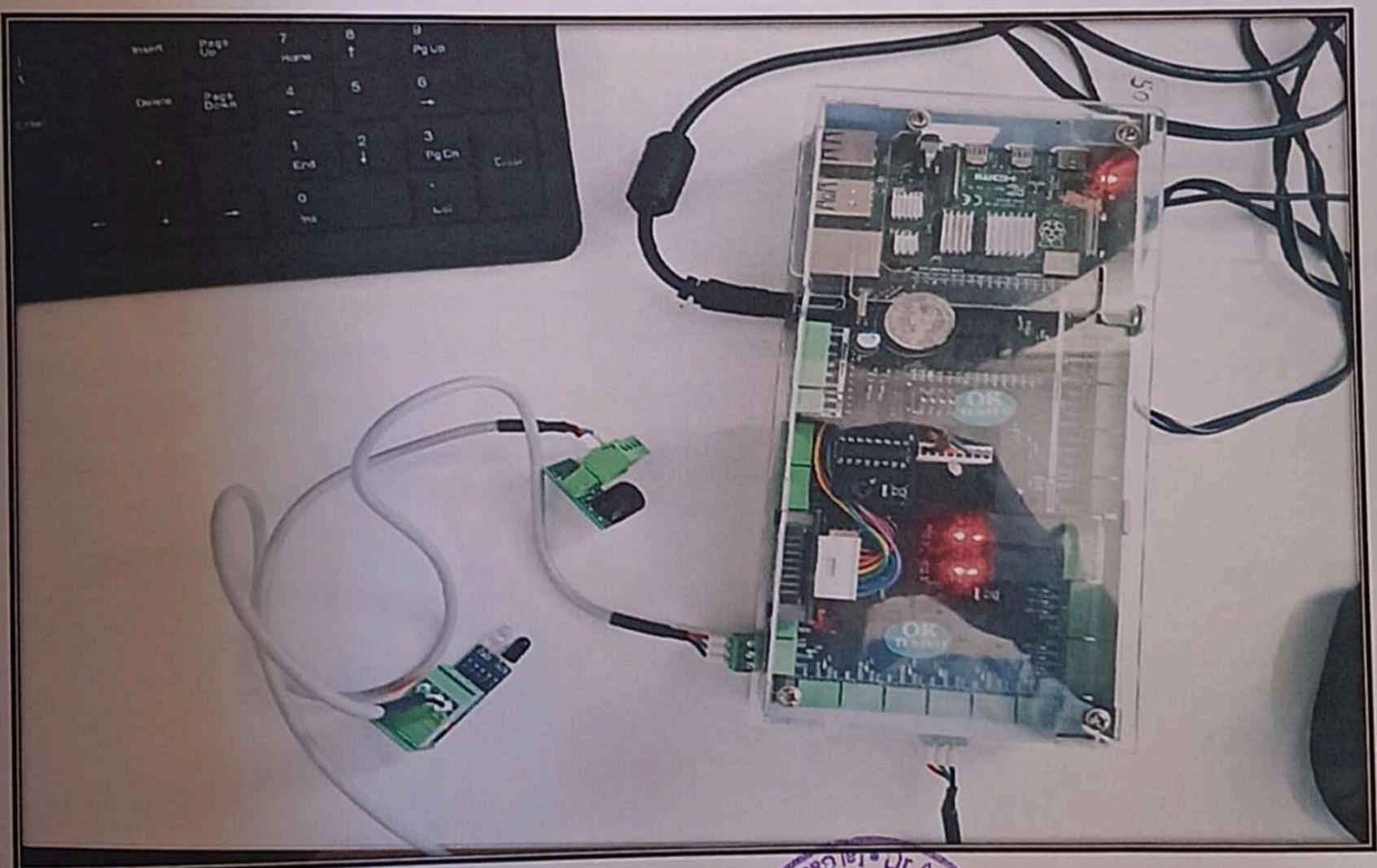
Lightening of Lamp





**Practical Session**







Dinkarrao K. Shinde Smarak Trusts

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

Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502

**Academic Year 2024-25**

**Department of Computer Science and Engineering**



Date:15/11/2024

**Name of the Program: Workshop on “Cyber Security”**

**Program driven by:**

**Start Date:** 06/11/2024

**End Date:** 14/11/2024

**Time:** 10.30AM to 04.30PM

**Venue:** Dr. Mokshagundam Visvesvaraya Seminar Hall, DADSCOE, Bhadgaon

**Dignitaries for the function:**

**Precedent of the function:** Dr. Dinkar V. Ghewade, Principal, DADSCOE, Bhadgaon.

**Name of the resource person:**Mr.Manoj Dinkar Narayankar-Co-Founder & CEO, Leosias Technologies



Dinkarrao K. Shinde Smarak Trusts

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

Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502

**Academic Year 2024-2025**

**Computer Science and Engineering**



## **Brief about the Workshop**

This Eight-Day Hands-on Workshop on Cyber Security is designed to provide participants with practical exposure to cybersecurity concepts, tools, and techniques. The workshop will cover fundamental to advanced topics, ensuring that attendees gain essential skills to protect systems, networks, and data from cyber threats.

This Eight-Day Hands-on Workshop on Cyber Security is designed to equip participants with practical knowledge and technical skills to tackle modern cybersecurity challenges. The workshop includes live demonstrations, hands-on labs, real-world attack simulations, and defense mechanisms.

- **Objectives of the Workshop:**

- 1. Understanding Cyber Threats and Security Fundamentals**

- Gain an understanding of cybersecurity principles, concepts, and terminologies.

- 2. Developing Practical Skills in Ethical Hacking & Penetration Testing**

- Hands-on training in ethical hacking methodologies and penetration testing techniques.

- 3. Enhancing Web & Network Security Knowledge**

- Learn about network security principles and firewall configurations.

- 4. Exploring Malware Analysis & Digital Forensics**

- Understand different types of malwares (Trojan, ransomware, rootkits) and their impact.

- **Outcome of the Workshop**

**Strong Cybersecurity Foundations**

- Understand the fundamental concepts of cybersecurity, threats, vulnerabilities, and risks.
- Gain knowledge about cyber laws, compliance, and ethical hacking principles.



Dinkarrao K. Shinde Smarak Trusts

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

Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502

**Academic Year 2024-2025**

**Computer Science and Engineering**



**Photo Images:**





Dinkarrao K. Shinde Smarak Trusts

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

Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502

**Academic Year 2024-2025**

**Computer Science and Engineering**





	Name Of Students	06-01-25		07-01-25		08-01-25		09-01-25		10-01-25		11-01-25		13-01-25		14-01-25	
		M	E	M	E	M	E	M	E	M	E	M	E	M	E	M	E
10	KAMBLE SUDHANSHU EKANATH	-	-	-	-	<u>Stankle</u>	<u>Stankle</u>	<u>Sakantle</u>									
11	KAMBLE VARSHA BALAVANT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	UTTURKAR SAISH RAJESH	<u>S.</u>	<u>S.</u>	-	-	-	-	<u>S.</u>									
13	BORGAVE SAKSHI AMAR	<u>Borgave</u>															
14	FARAKATE SAYAJI SURESH	<u>Farakate</u>															
15	DESAI PATIL YAJURVENDRA SUNIL	<u>Desai</u>															
16	DESAI PRAGATI FARASHURAM	<u>Pesai</u>															
17	GOILKAR AKASH CHANDRAKANT	-	-	<u>Goilkar</u>													
18	JAGDALE AMAR DADASAHEB	<u>J.</u>	<u>J.</u>	<u>J.</u>	-	<u>J.</u>											
19	KADAM SANIKA SATAPPA	<u>Kadam</u>															
20	KAMALAKAR RUTIKA GURUPRASAD	<u>Kamalakar</u>															
21	MANE VAISHNAVI VIJAY	<u>Mane</u>															
22	TAMBEKAR AMOL SHIVAJI	-	-	-	-	<u>T.</u>	-	<u>T.</u>	<u>T.</u>	<u>T.</u>	<u>T.</u>	-	<u>T.</u>	<u>T.</u>	<u>T.</u>	<u>T.</u>	<u>T.</u>







**Certificate Distribution:**





Dinkarrao K. Shinde Smarak Trusts

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

Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502

**Academic Year 2024-25**

**Department of Computer Science and Engineering**



*Halkwad*  
**Co-Ordinator**

*Halkwad*  
**HOD**  
Computer Science & Engineering  
Dr.A.D.Shinde College of Engineering,  
A/P.Bhadgaon, Tal Gadhinglaj

*Hoshi*  
**PRINCIPAL**



Dinkarrao K. Shinde Smarak Trusts

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

Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502

**Academic Year 2024-25**

**EE, ECS and IIC**



## **Mastering Electrical Soldering and Lug Wiring Techniques: A Hands-on Workshop**

**Name of the Workshop:** Mastering Electrical Soldering and Lug Wiring Techniques: A Hands-on Workshop

**Association:** Conducted in association with in Electrical Students Association (EESA), EED Electronics and Computer Science Students Association (ECSA), ECSD and Institution Innovation Council (IIC)

**Date:** 05/01/2025 to 09/01/2025

**Time:** 10.00AM to 4.30PM

**Venue:** Basic Electrical Engineering Laboratory, DADSCOE, Bhadgaon

**Name of the resource persons:** Dr. Vireshkumar G. Mathad

**Number of Participants:** Students=30 No.

Dr. Vireshkumar G. Mathad  
Coordinator, IP Cell

Dr. D. V. Ghewade  
Principal

**Copy to:** IIC, DADSCOE



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

Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502

**Academic Year 2024-25**

**EE, ECS and IIC**



### **Brief about the workshop**

This workshop is a unique opportunity designed to provide participants with a practical understanding of **Electrical soldering** and **lug wiring techniques**. Organized in collaboration with the **Electrical Students Association (EESA)**, **Electronics and Computer Science Students Association (ECSA)**, and the **Institution Innovation Council (IIC)**, the event focuses on building foundational skills essential for electrical engineering professionals and enthusiasts.

- Gain proficiency in **soldering techniques** used in circuit assembly.
- Learn the correct procedures and best practices for **lug wiring** in electrical connections.
- Understand the safety measures and standards crucial for effective electrical work.



Dinkarrao K. Shinde Smarak Trusts  
**DR. A. D. SHINDE COLLEGE OF ENGINEERING.**  
 Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502  
**Academic Year 2024-25**  
**EE, ECS and IIC**



**Photo Images:**



**Mastering Electrical Soldering and Lug Wiring Techniques: A Hands-on Workshop**



In association with  
**Electrical Engineering Students Association (EESA), EED.**  
**Electronics and Computer Science Students Association (ECSA), ECSD.**  
**Institution Innovation Council (IIC)**

Date: 5/1/2025 to 9/1/2025 Time : 10.00AM to 4.00PM Venue: Basic Electrical Engineering Laboratory

**Inauguration function**





Dinkarrao K. Shinde Smarak Trusts  
**DR. A. D. SHINDE COLLEGE OF ENGINEERING.**  
Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502  
**Academic Year 2024-25**  
**EE, ECS and IIC**



**Session 1**





Dinkarrao K. Shinde Smarak Trusts  
**DR. A. D. SHINDE COLLEGE OF ENGINEERING.**  
Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502  
**Academic Year 2024-25**  
**EE, ECS and IIC**



**Session 2:**





Dinkarrao K. ShindeSmarak Trusts

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

Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502

**Department of Electrical Engineering**

**Academic Year 2024-25**



**Date:21/12/2024**

From,  
Dr. Vireshkumar G. Mathad  
Associate Professor,  
Department of Electrical Engineering,  
DADSCOE, Bhadgaon.

To,  
The Principal  
DADSCOE, Bhadgaon

Respected Sir,  
Subject: Regarding permission to conduct workshop.

With respect to above cited subject, department of Electrical Engineering in association with Electrical Students Association (EESA) and Institution Innovation Council (IIC) has planned to conduct workshop on “**Mastering Electrical Soldering and Lug Wiring Techniques: A Hands-on Workshop**” for EE and ECS students. We propose to conduct the workshop in the month of Jan. 2025. Kindly grant your approval to proceed with the necessary arrangements.

This is for your kind information and approval.

Thanking you

Yours faithfully

  
(Dr. Vireshkumar G. M.)

*Permitted*  
  
21/12/24.





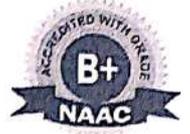
Dinkarrao K. Shinde Smarak Trusts

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

Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502

**Academic Year 2024-25**

**Department of Electronics and Computer Science**



## Electronics and Computer Science Department

### Attendance Sheet

Sl. No	PRN Number	Name of Students	Signature
1	2023037932	Ritesh Ramesh Jondhale	Rondhale
2	2023037266	Samiksha Sahag Kolekar	Kolekar
3	2023037099	Swapnil Babaso Patil	Patil
4	2024066982	Prathamesh Prakash Pedanekar	Pedanekar
5	2023038084	Harshad Vilas Kasalkar	Kasalkar
6	2023038765	Sahil Shivaji Horamble	Sahil
7	2023038382	Sarvesh Santosh Desai	Desai
8	202406537	Sweta Ganpatrao Hodage	Dr. Hodage
9	2024065769	Nikita Balu Waingade	Waingade
10	2024065791	Pooja Ashok Ingavale	Ingavale
11	2024067528	Shraddha Dayanand Patil	Patil
12	2024066844	Prachi Sanjay Rane	Rane
13	2024064197	Omkar M Patil	Patil
14	2024064866	Pramad T. Patil	Pramad
15	2023077974	Ravikiran Rajendra Khairmode	Khairmode
16	2024065087	Azjun J. Bongarde	Bongarde
17	2023078359	Pranjwal P. Chougale	Chougale
18	2023077964	Saniya B. Jagdale	Jagdale
19	2023077993	Ankita R. Kharade	Kharade

DINKARRAO K. SHINDE SMARAK TRUST'S

# DR.A.D.SHINDE COLLEGE OF ENGINEERING

Bhadgaon Gadhinglaj Dist-Kolhapur (MH)

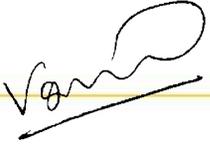
(Approved By AICTE, Recognized by DTE Mumbai, Affiliated to Shivaji University Kolhapur)



**This is to certify that Mr./Miss./Mrs** Prajwal P. Chougule

**has successfully participated in the Faculty  
Development Program (FDP) / Workshop on** Mastering Electrical Soldering and Lug  
Wiring Techniques

**organized by Dr. A. D. Shinde College of  
Engineering, held on** 05/01/2025 to 09/01/2025

  
Event  
Co-Ordinator



  
Principal  
DADSCOE



**Dinkarrao K. Shinde Smarak Trusts**  
**DR. A. D. SHINDE COLLEGE OF ENGINEERING,**  
**Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502**

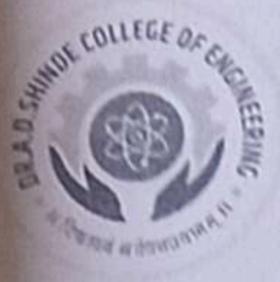


## Training Placement Activity

Sr. No	A.Y.	Activity	Date	Total Students
1	2024-25	Group Discussion & Debate	30/09/2024	50
2		Resume building	09/02/2025	62
3		Aptitude (Third Year)	24/02/2025 to 28/02/2025	94
4		Aptitude (Second Year)	01/04/2025 to 05/04/2025	70



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



Dinkarrao K. Shinde Smarak Trusts

**DR. A. D. SHINDE COLLEGE OF ENGINEERING,**  
Bhadgaon, Gadhinglaj, Dist: Kolhapur Pin:416502  
**Department of Electronics & Computer Science**

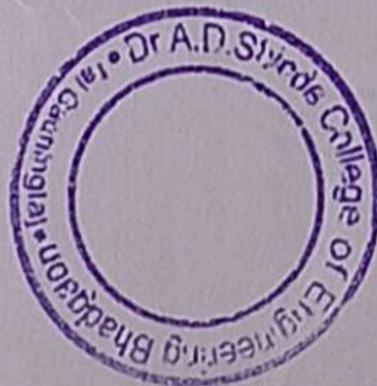
Date: 28/09/2024

## NOTICE

All students of Electronics & Computer Science department are hereby informed that our department will arranging the one-day workshop on Group Discussion & Debating on 30<sup>th</sup> September 2024 at 11.00 am by Smt. Maithili Santosh madam (CSIBER, Kolhapur). This will help to improve your knowledge in placement activity. So kindly attend the workshop without fail.

*Pand*  
HOD

**Electronics & Computer Science**  
**Dr.A.D.Shinde College of Engineering**  
**AP.Bhadgaon, Tal.Gadhinglaj**



Dinkarrao K. Shinde Smarak Trust's

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

Guddai, A/P: Bhadgaon, Tal: Gadhinglaj, Dist: Kolhapur.

Approved by AICTE, Delhi, DTE Mumbai and Govt of Maharashtra. Affiliated to Shivaji University, Kolhapur  
E-mail: [principal.dadscoe@gmail.com](mailto:principal.dadscoe@gmail.com) Ph. No.: 02327-250650, 08380049000.  
DTE CODE - EN 6878



Date: 28-09-2024

To,  
Smt. Maithili Santosh  
CSIBER, Kolhapur.

Subject: Regarding invitation as a resource person for one day workshop on Group Discussion & Debating.

Respected Madam,

On the behalf of DADSCOE, Bhadgaon we are very pleased to have the honor of inviting you as a resource person for one day workshop on Group Discussion & Debating at our college campus on Monday, 30<sup>th</sup> September 2024.

Your expertise and knowledge would definitely help our students. We hope you can make time in your busy schedule and guide our students.

Thanking You.

Dr. D. V. Ghewade.

PRINCIPAL

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

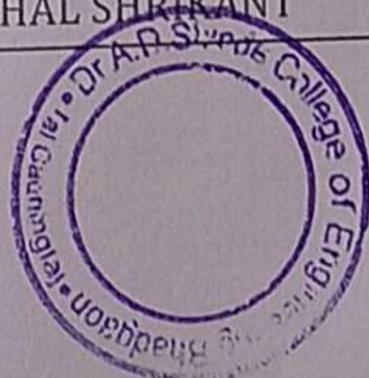


*Ush*  
Received  
30/Sept/2024

Dinkarrao K. Shinde Smarak Trusts  
**Dr. A. D. Shinde College of Engineering, Bhadgaon.**  
 Department of Electronics & Computer Science  
 Guest Lecture Attendance  
 Subject: Group Discussion & Debating

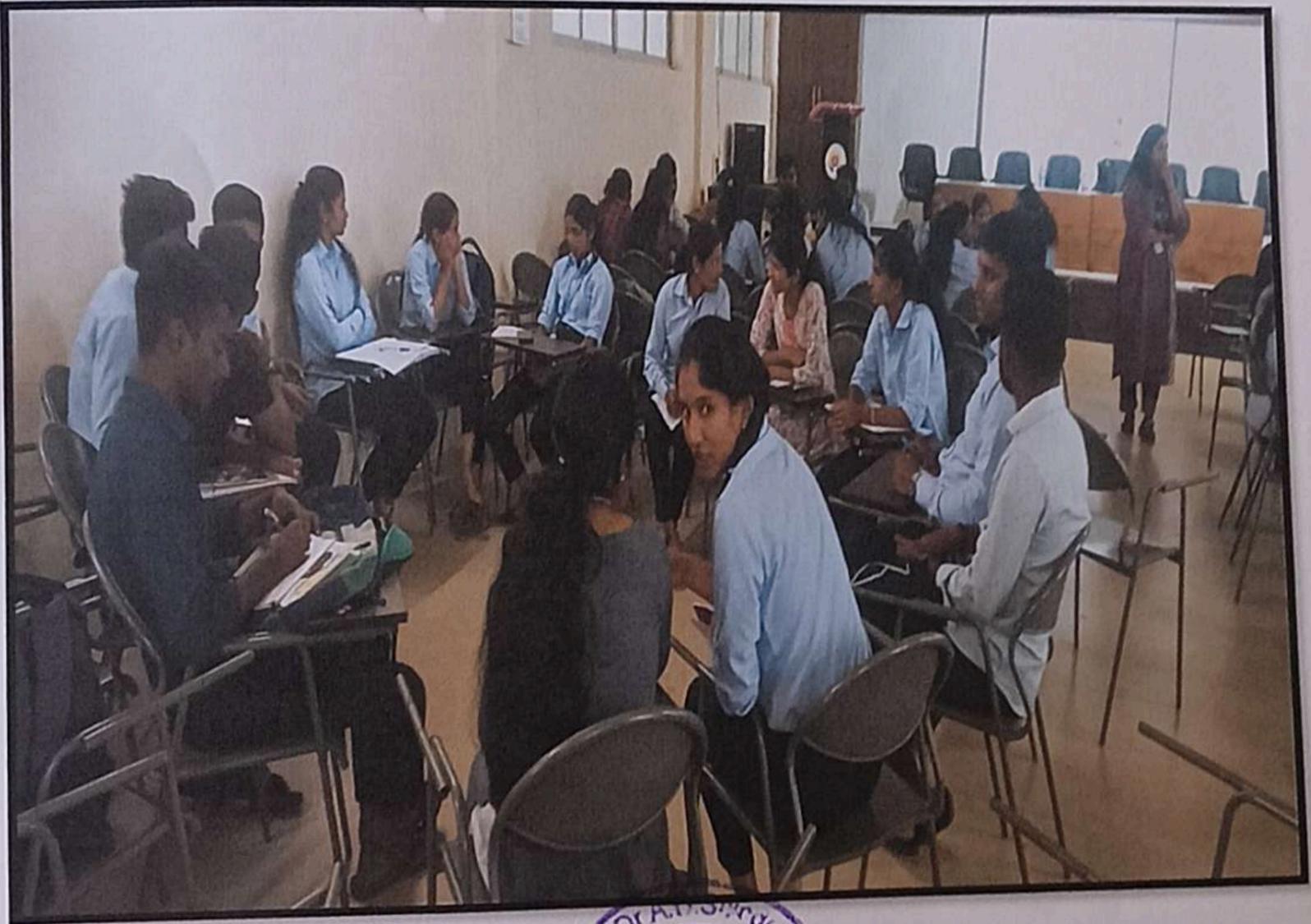
Date: 30/09/2024

Roll No	PRN No	Name of the students	Sign
1	2022085998	CHAVAN RAJWARDHAN BAJIRAO	<u>Chavan</u>
2	2022086015	CHINDAKE SANKET BANDOPANT	<u>S.Chindake</u>
3	2022086166	DORUGADE ASHWINI PIRAJI	
4	2022086046	KAVITKAR SHUBHAM VITTHAL	<u>Shubham</u>
5	2022086175	KOLUGADE HARSHVARDHAN B	<u>Heer</u>
6	2022086026	PATIL ANKITA ANANT	<u>Patil</u>
7	2023079525	PATIL SUSMITA SHAMRAO	
8	2023078357	POWAR YUVRAJ DHANAJI	
9	2023079616	MORE NIRANJAN SHIVAJI	<u>Nirajan</u>
10	2023078355	PATIL DNYANESHVARI DILIP	<u>DD Patil</u>
11	2023080553	MATALE GAUTAMI ARJUN	
12	2023078354	APATE AVADHUT APPASAHEB	
13	2023078359	CHOUGULE PRAJJWAL PRAKASH	<u>Prajwal</u>
14	2023079612	GAVADE PRACHI PRAKASH	<u>Prachi</u>
15	2023078356	KAMBLE SNEHAL SUDAM	
16	2023077952	VAIDIKA KRUSHNAT TELI	<u>Teji</u>
17	2023077957	BHALEKAR SAHIL YUVRAJ	<u>Sahil</u>
18	2023077985	CHAVAN AMIT SANJAY	<u>Acharya</u>
19	2023080348	SHALGAR NISHA RAJESH	
20	2023077972	CHOUGALE SAMBHAJI PANDURANG	
21	2023077987	MUGALIHALKAR NIKHIL HUVANI	<u>Nikhil</u>
22	2023077970	PATIL ROHIT PRATAP	<u>Rohit</u>
23	2023077976	RAKATADE SANDESH RAJENDRA	
24	2023078352	KANGRALKAR HARSHADA ANKUSH	
25	2023077981	DIVTNKAR SNEHAL SHRIKANT	<u>S.S. Divtkar</u>



26	2023077973	NIKAM ANJALI SAGAR	
27	2023080362	PATIL AMOL ARVIND	<u>Anmol</u>
28	2023077948	AMATE RAHUL BASAVARAJ	
29	2023078361	MIRAJE MAYUR ARUN	
30	2023077974	KHAIRMODE RAVIKIRAN RAJENDRA	
31	2023078979	JATHAR SAKSHI MANSING	<u>Sakshi</u>
32	2023077989	INGAWALE SAMRUDDHI SAKHARAM	<u>Samruddhi</u>
33	2023078940	GODASE KARUNA TUKARAM	<u>Karuna</u>
34	2023077964	JAGADALE SANIYA BHIKAJI	<u>S. B. Jagdale</u>
35	2023079604	KHARADE VAISHNAVI B	<u>VK</u>
36	2023077993	KHARADE ANKITA RANJIT	<u>A. Kharsade</u>
37	2023077958	PATIL SAKSHI ANIL	<u>Sakshi</u>
38	2023077990	MULLA AFTAB MEHABUB	<u>Aftab</u>
39	2023079056	DHEKOLKAR SWAPNALI B	
40	2023077967	PATIL TEJASWINI TANAJI	<u>Tejas</u>
41	2023077992	MUJGONDA SHIVANAND MANOHAR	
42	2023078985	SWAROOP P JADHAV	<u>Swaroop</u>
43	2023077966	MALAMKAR VAISHNAVI KISHOR	
44	2023078941	KAMBLE KHUSHI UTTAM	<u>KKamble</u>
45	2023079570	PATIL PRATHAMESH PANDURANG	<u>PPP</u>
46	2023079561	MUNGURKAR DTTATRAY ASHOK	
47	2023079625	VISHWAJIT MANASING SALUNKHE	<u>V. N. Salunkhe</u>
48	2023079622	MOTURE MANALI PARASHARAM	<u>M. Moture</u>
49	2023079523	PATIL SANDESH UTTAM	<u>Siva</u>
50	2023079565	PATIL LATA SHIVAJI	
51	2023083468	PADEKAR RUTUJA CHANDRAKANT	<u>RCP</u>





Dr. Ambedkar College of Engineering  
Bhadraipur, Jalpaiguri





Dinkarrao K. Shinde Smarak Trusts  
**DR. A. D. SHINDE COLLEGE OF ENGINEERING.**  
Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502  
**Academic Year 2024-2025**  
**Training And Placement Cell**



## **Training & Placement Activity Report**

**Report Title:** Report on Resume Building Session by Prof. Sandip Magdum, Dean – Training & Placement, ADCET, Ashta

**Program driven by:** Training and Placement Cell with CSE Department and ECS Department

**Start Date:** 09-02-2025

**End Date:** 09-02-2025

**Time:** 09.30AM to 03.30PM

**Venue:** Dr. Mokshagundam Visvesvaraya Seminar Hall, DADSCOE, Bhadgaon

**Dignitaries for the function:**

**Precedent of the function:** Dr. Dinkar V. Ghewade, Principal, DADSCOE, Bhadgaon.

**Chief Guests:**

Hon. Mrs. Swati M. Kori, Secretary, DKSST

Hon. Mr. Mahesh B. Kori, Advisor DKSST

Dr. Dinkar V. Ghewade, Principal, DADSCOE, Bhadgaon.

Mr. Amit Pednekar, Founder, Simdaa Technologies, Pune

**Hosted:** Prof. S. P Latkar, TPO DADSCOE

**Welcome:** Prof. S. P. Latkar, Asst. Prof. DADSCOE

**Vote of Thank:** Prof. C H. Nangare, Asst. Prof. DADSCOE

**Number of Participants:** Faculties and Non-teaching: = 05 No. Students= 108 Students

**Academic Year:** 2024–2025





Dinkarrao K. Shinde Smarak Trusts  
**DR. A. D. SHINDE COLLEGE OF ENGINEERING.**  
Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502  
**Academic Year 2024-2025**  
**Training And Placement Cell**



## Introduction

### Introduction – Training and Placement Cell

The Training and Placement Cell of Dr. A. D. Shinde College of Engineering, Bhadgaon is committed to preparing students for successful professional careers. The cell bridges the gap between academia and industry by conducting training programs, mock interviews, resume sessions, expert talks, and industrial visits. It also builds strong ties with leading companies to facilitate internships and campus placements, ensuring students are industry-ready and confident to face real-world challenges.

### Activity Details

**Company:** Resume Building Session by Prof. Sandip Magdum, Dean – Training & Placement, ADCET, Ashta

**Target Group:** Final Year – B.E. Computer Science Students

### Objective:

The objective of the session was to train final-year students in preparing professional resumes that reflect their academic achievements, technical skills, and project experience. The session aimed to:

- Create awareness about the importance of a well-designed resume.
- Guide students on structuring resumes as per industry requirements.
- Help them avoid common errors and improve presentation.
- Prepare them for upcoming placement drives.

### Activity:

The Training and Placement Cell organized an interactive Resume Building Workshop led by Prof. Sandip Magdum. During the session, the resource person explained key elements of a strong resume, including:

- How to draft an effective career objective.
- Proper arrangement of educational details and technical skills.
- Highlighting project work, internships, and certifications.
- Formatting tips for professional appearance.

Students also participated in a practical review activity, where sample resumes were analyzed and improved based on Prof. Magdum's suggestions.

### Feedback:

The students provided positive feedback, mentioning that the session was informative and engaging. They appreciated the clarity of examples and the practical guidance on how to make their resumes stand out. Many students expressed that the workshop helped them gain confidence for their upcoming placement interviews.

### Observation:

It was observed that several students were unaware of proper resume formatting and the significance of tailoring resumes to specific job profiles. After the session, students demonstrated a better understanding of resume standards and presentation techniques. The interactive nature of the session encouraged active participation and learning.



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**Academic Year 2024-2025**  
**Training And Placement Cell**



**Remark:**

The session was well-organized and highly beneficial. The expertise and practical insights shared by Prof. Sandip Magdum were appreciated by all participants. The Training and Placement Cell successfully achieved its objective of enhancing students' employability preparation.

**Conclusion:**

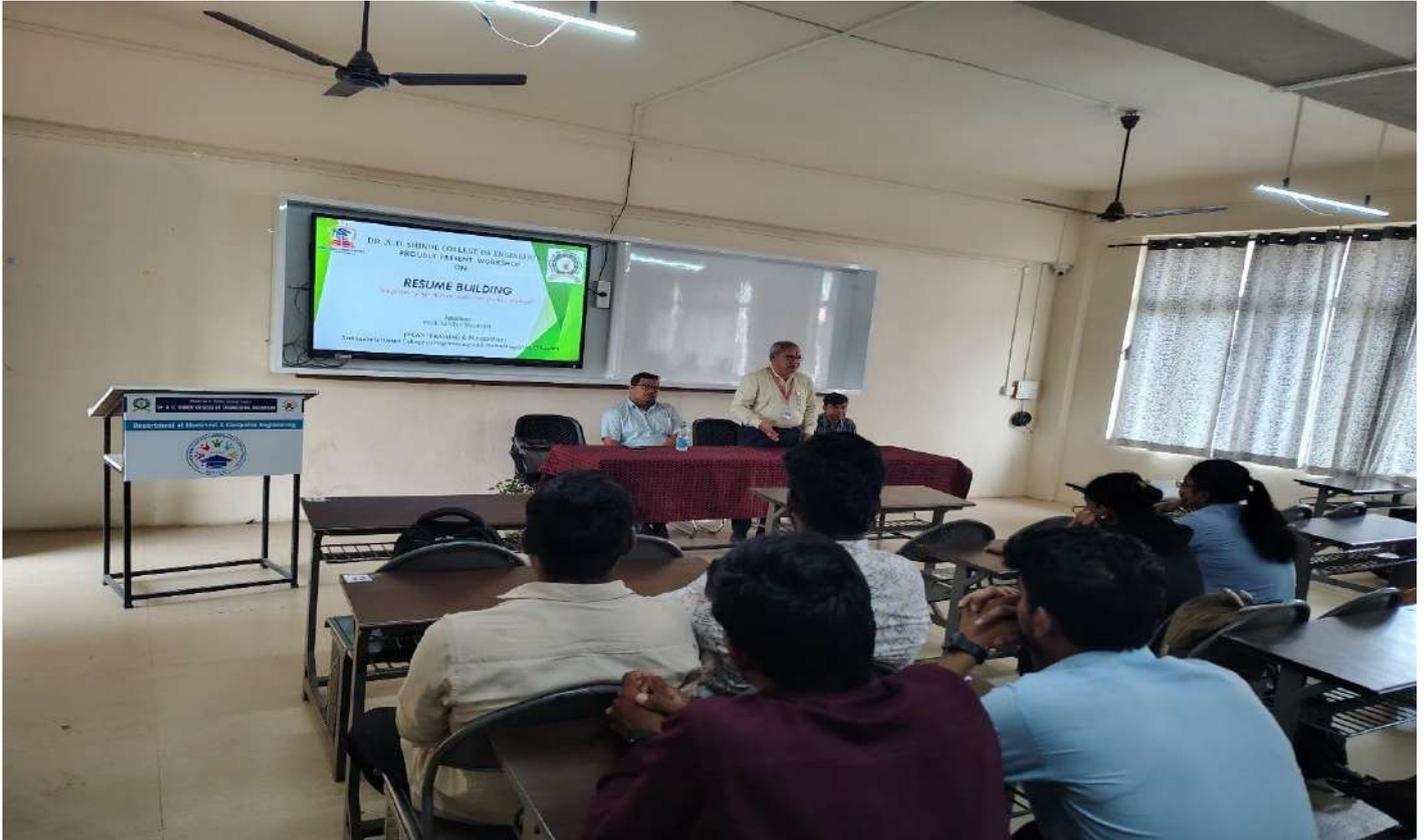
The Resume Building Session provided valuable learning to final-year students and helped them understand the essentials of crafting professional resumes. It was an enriching experience that contributed to their career readiness. The T&P Cell extends sincere thanks to Prof. Sandip Magdum for his valuable time and guidance.

**Photo Gallay**





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**Academic Year 2024-2025**  
**Training and Placement Cell**





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**Academic Year 2024-2025**  
**Training and Placement Cell**





Dinkarrao K. Shinde Smarak Trusts

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

Bhadgaon, Gadhinglaj, Dist: Kolhapur Pin:416502

Academic Year 2024-25

**Department of Training and Placement**



Date: 17/02/2025

**NOTICE**

All the students of Dr. A D Shinde College of Engineering, studying in **Third Year B. Tech** are hereby informed that the training and placement department of DADSCOE is going to conduct Aptitude Training from **24/02/2025 to 28/02/2025** as part of our ongoing efforts to enhance your career prospects at **Dr. A D Shinde Institute of Technology (DADS IOT) Seminar Hall**. Attend the training without fail.

**Details of the Training:**

- **Dates:** 24/02/2025 to 28/02/2025
- **Time:** 10:00 am to 4:00 pm
- **Venue:** DADS IOT Seminar Hall

**Note:** Attendance is Compulsory. Strict action will be taken against those students who fail to attend the Training.

**TPO**



**PRINCIPAL**

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



# Dr. A. D. Shinde College of Engineering, Bhadgaon

## PLACEMENT-TRAINING 2024-25 FOR TY B.Tech

Department of ECS & CSE

Sr. No.	PRN No.	Name	24/02/2025		25/02/2025		26/02/2025		27/02/2025		28/02/2025	
			Morning	Afternoon								
1	2022085998	CHAVAN RAJVARDHAN BAJIRAO	Present	Present			Present		Present	Present	Present	Present
2	2022086015	CHINDAKE SANKET BANDOPANT										
3	2022086166	DORUGADE ASHWINI PIRAJI	As	As	As	As	As	As			As	As
4	2022086046	KAVITKAR SHUBHAM VITTHAL										
5	2022086175	KOLUGADE HARSHVARDHAN B										
6	2022086026	PATIL ANKITA ANANT	Present	Present								
7	2023079525	PATIL SUSMITA SHAMRAO										
8	2023078357	POWAR YUVRAJ DHANAJI										
9	2023079616	MORE NIRANJAN SHIVAJI										
10	2023078355	PATIL DNYANESHVARI DILIP	Present	Present	Present	Present	Present				Present	Present
11	2023080553	MATALE GAUTAMI ARJUN										
12	2023078354	APATE AVADIHUT APPASAHEB										
13	2023078359	CHOUGULE PRAJJWAL PRAKASH	Present	Present								
14	2023079612	GAVADE PRACHI PRAKASH			Present	Present	Present	Present	Present	Present	Present	Present
15	2023078356	KAMBLE SNEHAL SUDAM										
16	2023077952	VAIDIKA KRUSHNAT TELI										
17	2023077957	BHALEKAR SAHIL YUVRAJ										
18	2023077985	CHAVAN AMIT SANJAY										
19	2023080348	SHALGAR NISHA RAJESH										
20	2023077972	CHOUGALE SAMBHAJI PANDURANG										
21	2023077987	MUGALIHALKAR NIKHIL HUVANI										
22	2023077970	PATIL ROHIT PRATAP										
23	2023077976	RAKATADE SANDESH RAJENDRA										
24	2023078352	KANGKALKAR HARSHADA ANKUSH										
25	2023077981	DIVTNKAR SNEHAL SHRIKANT										
26	2023077973	NIKAM ANJALI SAGAR										
27	2023080362	PATIL AMOL ARVIND										



Sr. No.	PRN No.	Name	24/02/2025		25/02/2025		26/02/2025		27/02/2025		28/02/2025	
			Morning	Afternoon								
28	2023077948	AMATE RAHUL BASAVARAJ										
29	2023078361	MIRAJE MAYUR ARUN										
30	2023077974	KHAIRMODE RAVIKIRAN RAJENDRA	RKhaire	RKhaire								
31	2023078979	JATHAR SAKSHI MANSING										
32	2023077989	INGAWALE SAMRUDDHI SAKHARAM			San	San			San	San	San	San
33	2023078940	GODASE KARUNA TUKARAM	Kodas	Kodas								
34	2023077964	JAGADALE SANIYA BHIKAJI	SB Jagade	SB Jagade								
35	2023079604	KHARADE VAISHNAVI B	VKS	VKS								
36	2023077993	KHARADE ANKITA RANJIT	AKharade	AKharade								
37	2023077958	PATIL SAKSHI ANIL			Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
38	2023077990	MULLA AFTAB MEHABUB			Mulla	Mulla			Mulla			
39	2023079056	DHEKOLKAR SWAPNALI B										
40	2023077967	PATIL TEJASWINI TANAJI		Patil	Patil	Patil	Patil		Patil	Patil	Patil	Patil
41	2023077992	MUJGUNDA SHIVANAND MANOHAR	Smujgunda	Smujgunda	Smujgunda	Smujgunda			Smujgunda	Smujgunda		
42	2023078985	SWAROOP P JADHAY										
43	2023077966	MALAMKAR VAISHNAVI KISHOR										
44	2023078941	KAMBLE KHUSHI UTTAM	K Kamble	K Kamble	K Kamble	K Kamble			K Kamble	K Kamble	K Kamble	K Kamble
45	2023079570	PATIL PRATHAMESH PANDURANG										
46	2023079561	MUNGURKAR DTTATRAY ASHOK										
47	2023079625	VISHWAJIT MANASING SALUNKHE	VMS Patil	VMS Patil								
48	2023079622	MOTURE MANALI PARASHARAM	M Moture	M Moture								
49	2023079523	PATIL SANDESH UTTAM		Sehatil	Sehatil	Sehatil			Sehatil	Sehatil	Sehatil	Sehatil
50	2023079565	PATIL LATA SHIVAJI										
51	2023083468	PADEKAR RUTUJA CHANDRAKANT	RPD	RPD								
52	2023079007	MIRAJKAR NIKHIL SANDEEP										
53	2023079573	MOHITE AKSHAY BALU										
54	2023079535	SUTAR BALASAHEB DATTATRAYA										
55	2023079553	SATHE SHWETA SANDIP										



Sr. No.	PRN No.	Name	24/02/2025		25/02/2025		26/02/2025		27/02/2025		28/02/2025	
			Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
56	2023078351	PATIL ASHIWINI SUBARAO										
57	2023081084	PATIL VRUSHALI SANJAY										
58	2023078225	SUTAR GURUNATH VIJAY	<del>Patil</del>	<del>Patil</del>								
59	2023081622	IDESAI RHUTUJA DAGADU	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>						
60	2023081446	KUMBHAR RUTIK SANJAY	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>			<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
61	2023079344	SUTAR TOUHID BALAM							<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
62	2023079352	KHANDAGALE SHRUTI VISHWAS	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>		<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
63	2022078613	GUDAVALEKAR SHREENIVAS	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>			<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
64	2023080793	KAMBLE ALANKAR SHIVAJI	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>			<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
65	2023081097	DHUPADALE PARSHAVANATH	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>			<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
66	2023079351	KAMBLE SUDHANSHU EKANATH	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>			<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
67	2023079349	KAMBLE VARSHA BALAVANT	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>			<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
68	2023078221	UTTURKAR SAISH RAJESH										
69	2022078636	BORGAVE SAKSHI AMAR	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>		<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
70	2023078486	FARAKATE SAYALI SURESH	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>		<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
71	2023079346	DESAI PATIL YAJURVENDRA SUNIL	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>			<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
72	2023078229	IDESAI PRAGATI PARASHURAM	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>			<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
73	2023081255	GOILKAR AKASH CHANDRAKANT	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>			<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
74	2022078509	JAGDALE AMAR DADASAHEB	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>			<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
75	2023079356	IKADAM SANIKA SATAPPA	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>			<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
76	2023078801	IKAMALAKAR RUTIKA GURUPRASAD	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>			<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
77	2022078646	IMANE VAISHNAVI VIJAY	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>		<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
78	2023078636	TAMBEKAR AMOL SHIVAJI	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>			<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
79	2023079343	TEMBUGADE SUSHAMA ANANDA	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>			<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
80	2023078772	AJAGEKAR PRACHI PUNDLIK	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>			<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
81	2023078218	AMTE VISHAL BHARAT	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>			<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
82	2023078997	BANDI SHWETA SIDDAPPA	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>			<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
83	2023078216	BHOSALE NIKITA ANNASAHEB	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>			<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
84	2023079359	CHAVAN PRACHI PRAMOD	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>			<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
85	2023080841	CHAVAN SANIKA RAJENDRA	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>			<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
86	2023078228	CHOTHE PRACHI SHIVAJI	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>			<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>
87	2023079362	CHOUGALE AMRUTA ANANDA	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>			<del>Patil</del>	<del>Patil</del>	<del>Patil</del>	<del>Patil</del>

Sr. No.	PRN No.	Name	24/02/2025		25/02/2025		26/02/2025		27/02/2025		28/02/2025	
			Morning	Afternoon								
88	2022078604	DESAI JEEVAN TATYASO	Jeevan	Jeevan	Jeevan	Jeevan			Jeevan	Jeevan	Jeevan	Jeevan
89	2022078460	DESAI KARAN SUDHAKAR										
90	2023078222	DIVATE SHRIVARDHAN SACHIN										
91	2022078482	GARAD MAULI KANTILAL	Garad	Garad	Garad	Garad	Garad		Garad	Garad	Garad	Garad
92	2023081092	GHORPADE HIMANI SUDHIR										
93	2022078490	JADHAV SANKET VIKAS	Jadhav									
94	2023081155	JADHAV MANASI RAMESH	Jadhav									
95	2023078999	KAMAT SHRAVANI SAMIR	Kamat									
96	2022078507	KAMBLE SUSHANT SANJU	Kamble									
97	2023079354	KHARCHE RUSHIKESH SURESH	Kharche									
98	2022078521	KUMBHAR ADITYA DINKAR	Kumbhar									
99	2023078226	PATIL VRUSHALI SANJAY										
100	2022078643	SUTAR GURUNATH VIJAY										
101	2023081465	!KURADE SANDHYA LAXMAN										
102	2023078488	!MHATUGADE TANVI RAMESH										
103	2022078671	MUSALE PARTH VINOD	Musale									
104	2023078223	KHANDAGALE SHRUTI VISHWAS NADAF AIFIYA JAVED	Nadaf									
105	2023078227	NITTAWADEKAR ROHIT JAYSING	Nittawadekar									
106	2022078664	PANDHARE TATOBA SHIVAJI	Pandhare									
107	2022078591	PANHALKAR DANISH NIJAM	Panhalkar									
108	2023079340	IPATIL ASHWINI SAMBHAJI	Patil									
109	2023078220	KAMBLE VARSHA BALAVANT	Kamble									
110	2023079339	IPATIL SALONI RAMDAS	Patil									
111	2023078487	BORGAVE SAKSHI AMAR	Borgave									
112	2023078350	FARAKATE SAYALI SURESH	Farkate									
113	2023075980	!RHATWAL NIVEDITA RAJARAM	Rhatwal									
114	2023079341	!SHINDE SAKSHI BALU	Shinde									
115	2023079342	!SUTAR BHAUKTI VASANT	Sutar									
116	2023078219	THOMBARE SHIVAJI LAXMAN	Thombare									
117	2023078487	Nitesh Rane	Rane	Rane	Rane	Rane	Rane	Rane	Rane	Rane	Rane	Rane
118	2023078350	Sunita Rajaram Rane	Rane	Rane	Rane	Rane	Rane	Rane	Rane	Rane	Rane	Rane
119	2023078226	Vaishnavi Jivan Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar
120	2022078643	Adarsh N. Kurade	Kurade	Kurade	Kurade	Kurade	Kurade	Kurade	Kurade	Kurade	Kurade	Kurade
121	2023078220	Dhanraj R. Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil





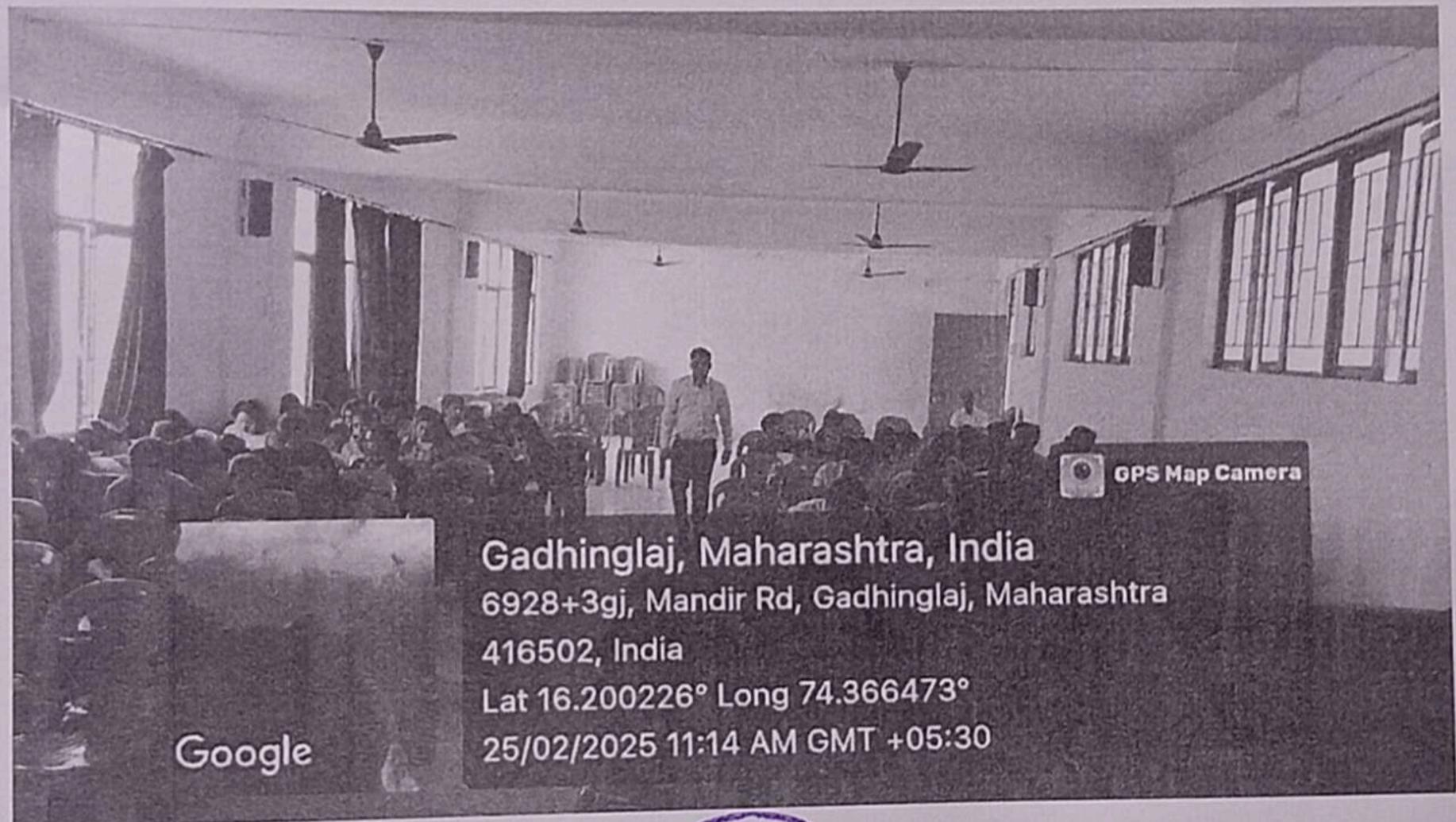
U. Khanapur, Karnataka, India

5g93+8qc, U. Khanapur, Karnataka 591221, India, U.

Khanapur, Karnataka, India

Lat 16.168685° Long 74.50403°

24/02/2025 10:56 AM GMT +05:30



Gadhinglaj, Maharashtra, India

6928+3gj, Mandir Rd, Gadhinglaj, Maharashtra

416502, India

Lat 16.200226° Long 74.366473°

25/02/2025 11:14 AM GMT +05:30





Dinkarrao K. Shinde Smarak Trusts

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

Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502

Academic Year 2024-25

**Department of Training and Placement**



Date: 26/03/2025

**NOTICE**

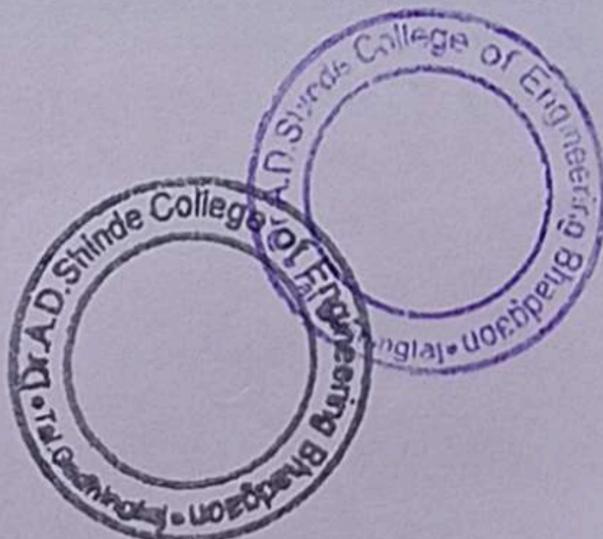
All the students of Dr. A D Shinde College of Engineering, studying in **Second year B. Tech** are hereby informed that the training and placement department is going to conduct training for placement from **01/04/2025 to 05/04/2025** as part of our ongoing efforts to enhance your career prospects at **Dr. A D Shinde College of Engineering Seminar Hall**. Attend the training without fail.

**Details of the Training:**

- **Dates:** 01/04/2025 to 05/04/2025
- **Time:** 10:00 am to 4:00 pm
- **Venue:** Dr. Mokshagundam Visvesvaraya Seminar Hall, DADS-COE, Bhadgaon

**Note:** Attendance is Compulsory. Strict action will be taken against those students who fail to attend the Training.

TPO



Principal  
PRINCIPAL

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





PRN No.	Name	01-04-2025		02-04-2025		03-04-2025		04-04-2025		05-04-2025	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
2024068677	PATIL PADMAJA SANJAY	P.Patil	P.Patil	P.Patil	P.Patil	P.Patil	P.Patil	P.Patil	P.Patil	P.Patil	P.Patil
2024068811	PATIL PARAS RAMESH	Paras	Paras	Paras	Paras	Paras	Paras	Paras	Paras	Paras	Paras
58	2024064342	PATIL PRATIKSHA PRAMOD	PPatil	PPatil	PPatil	PPatil			PPatil	PPatil	PPatil
59	2024069575	PATIL SAMRUDDHI MANOHAR	Smpati	Smpati	Smpati	Smpati	Smpati	Smpati	Smpati	Smpati	Smpati
60	2023034021	PATIL SHRUTIKA SARJERAO	Shruti	Shruti	Shruti	Shruti	Shruti	Shruti	Shruti	Shruti	Shruti
61	2024074219	PATIL VARADRAJ NARAYAN	V.Narayan	V.Narayan	V.Narayan	V.Narayan					
62	2024068690	RASAL SUYASH SANJAY									
63	2023030287	REGADE TEJAS BASAVANT	Regade	Regade	Regade	Regade	Regade	Regade	Regade	Regade	Regade
64	2024068662	SANDUGADE ANUJ MARUTI	A.S.	A.S.	A.S.	A.S.	A.S.	A.S.	A.S.	A.S.	A.S.
65	2023027127	SAWANT ARPITA RAMCHANDRA	Asawant	Asawant	Asawant	Asawant		Asawant		Asawant	Asawant
66	2023038434	SAWANT BHOSALE RAJAT RANJIT	Ranjit	Ranjit	Ranjit	Ranjit	Ranjit	Ranjit	Ranjit	Ranjit	Ranjit
67	2024066986	SHELKE CHAITNYA NAVNATH	Chitnya	Chitnya	Chitnya	Chitnya	Chitnya	Chitnya	Chitnya	Chitnya	Chitnya
68	2024068631	SHENDAGE SAMIR RAVINDRA	S.S.	S.S.	S.S.	S.S.	S.S.				
69	2023029720	SHEREGAR VISHAL VIJAY	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay
70	2023029488	SHINDE SAMRUDDHI SAMBHAJI	S.S.	S.S.	S.S.	S.S.	S.S.	S.S.	S.S.	S.S.	S.S.
71	2023039217	SURWASE PRASAD BABRUWAN	P.S.	P.S.	P.S.	P.S.		P.S.	P.S.	P.S.	P.S.
72	2024067253	SUTAR SONIYA NAMDEV	S.N.	S.N.	S.N.	S.N.	S.N.	S.N.	S.N.	S.N.	S.N.
73	2024060861	WAINGADE ASMITA UTTAM	A.Smita	A.Smita	A.Smita	A.Smita	A.Smita	A.Smita	A.Smita	A.Smita	A.Smita



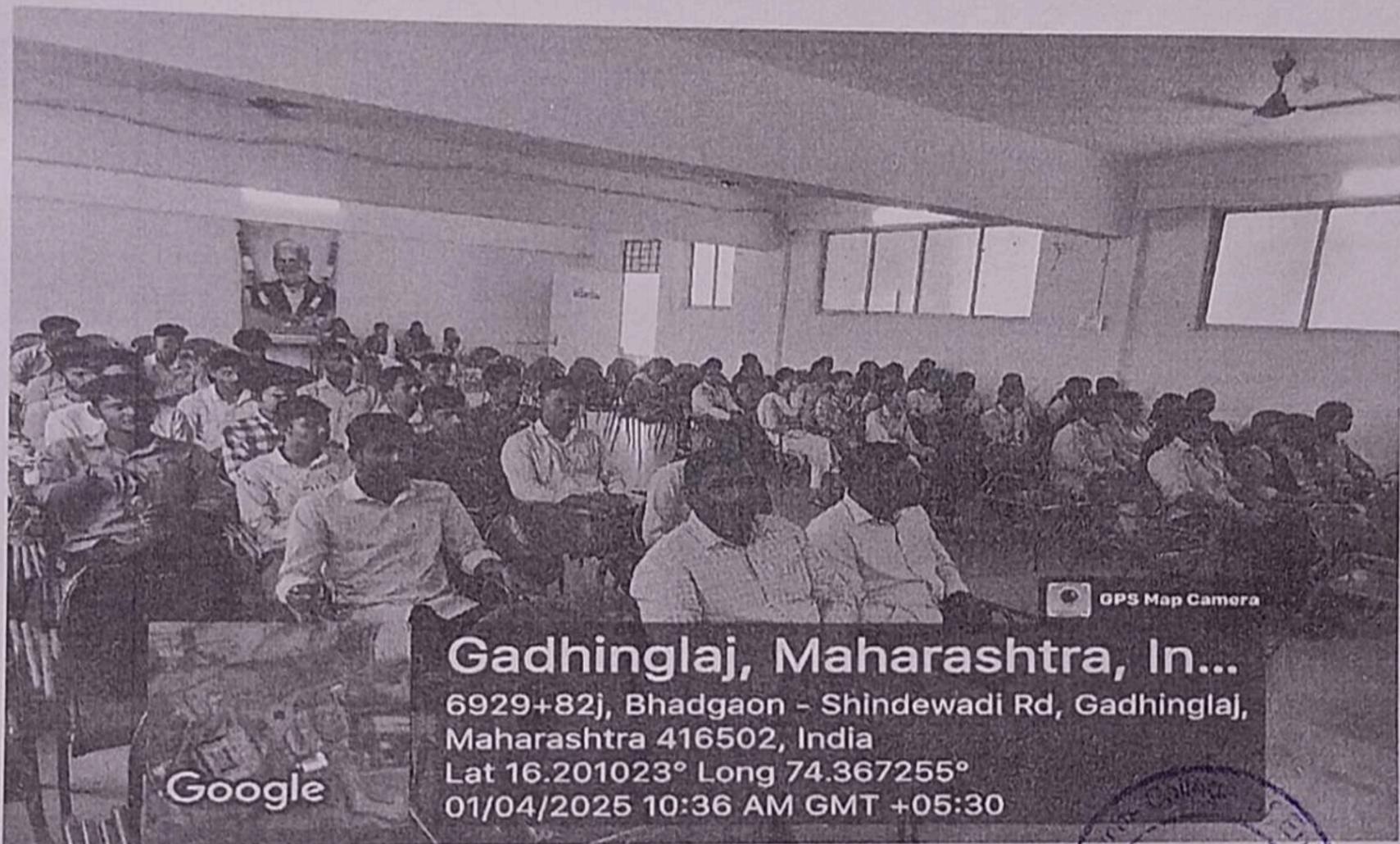


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BHADGAON

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**Gadhinglaj, Maharashtra, In...**

6929+82j, Bhadgaon - Shindewadi Rd, Gadhinglaj,  
Maharashtra 416502, India  
Lat 16.201033° Long 74.367247°  
01/04/2025 10:36 AM GMT +05:30



Google

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Maharashtra 416502, India  
Lat 16.201023° Long 74.367255°  
01/04/2025 10:36 AM GMT +05:30





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**Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502**



## Expert Lectures

Sr. No	Academic Year	Expert Name	Topic	Department	No of Students	Date
1	2024-25	Mr. Suryakant Dodamise	Problem solving and Ideation	Electronics & Computer Science	103	07/11/2024
2		Mr. N. P. Thorat	Water treatment units	Civil Engineering	32	05/08/2024
3		Mr. J. S. Patil	Machine Design II	Mechanical Engineering.	34	10/02/2025
4		Mr. V. R. Raut	CAD	Mechanical Engineering	34	28/02/2025
5		Mr. R. P. Kadam	Mechatronics	Mechanical Engineering	29	12/03/2025
6		Mr. S. S. Patil	Electrical Vehicle	Electrical Engineering	50	16/01/2025



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

Bhadgaon, Gadhinglaj, Dist: Kolhapur Pin:416502

**Institution's Innovation Council (IIC)**

Academic Year 2024-25



Date: 6/11/2024

To,  
Principal  
Dr. A. D. Shinde College of Engineering,  
Bhadgaon.

Subject: Permission for arranging "Problem Solving and Ideation" workshop for all students.

Respected sir,

Institution's Innovation Council (IIC) wants to arrange a one day workshop for all students on "Problem Solving and Ideation".

This workshop will help to improve student knowledge. So, I request you to give the permission for organizing such beneficial workshop.

So please consider the same and permit us.

  
Yours faithfully

IIC Co-Ordinator

Permitted  
  
6/11/24





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Bhadgaon, Gadhinglaj, Dist: Kolhapur Pin:416502

**Institution's Innovation Council (IIC)**

Academic Year 2024-25



Date: 6/11/2024

## Notice

All the faculty members and students are hereby informed that workshop on "Problem Solving and Ideation" organized by the Institution's Innovation Council (IIC) on November 07, 2024. This workshop will equip you with essential skills to tackle challenges and foster innovative solutions in your projects and studies.

1. **Time:** 10:00am to 12:30pm
2. **Venue:** Seminar Hall

Your participation is highly encouraged!



  
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Bhadgaon, Gadhinglaj, Dist: Kolhapur Pin:416502

**Institution's Innovation Council (IIC)**

Academic Year 2024-25



DADSCO E/6878/24-25/381

Date: 7/11/2024

To,  
Mr. Suryakant Dodmise  
CEO SIBIC,  
Kolhapur.

Subject: Thanking letter for conducting workshop on "Problem Solving and Ideation"

Dear sir,

We are very grateful to you for accepting our invitation and making it convenient to conduct the workshop through a busy schedule.

We are extremely thankful to you for guiding and inspiring our students and teachers through your futuristic thoughts and kind words. We are confident that your thoughts will help our students to lead a successful career.

Thanking you with best regards.

  
Dr. D. V. Ghewade

PRINCIPAL

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

Received  






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Bhadgaon, Gadhinglaj, Dist: Kolhapur Pin:416502

**Institution's Innovation Council (IIC)**

**Academic Year 2024-25**



DADSCOE/6878/24-25/877

Date: 6/11/2024

To,  
Mr. Suryakant Dodmise  
CEO SIBIC,  
Kolhapur.

Subject: Invitation as a resource person for workshop on "Problem Solving and Ideation".

Respected sir,

Dr. A. D. Shinde college of engineering is one of the renowned institute in western Maharashtra established in 2014. Our institute is approved by AICTE New Delhi, recognized by DTE Mumbai and affiliated to Shivaji University Kolhapur. We are offering 6 UG courses in Civil, Mechanical and Mechatronics, Electrical and Computer Engineering, Computer Science and Engineering, Electronics and Computer Science and CSE(Artificial Intelligence and Machine Learning) with an intake of 390. Our institute has played a very important role in providing quality technical education to rural youth and contributed to national growth. Our distinguished alumni are working at top posts in various companies all across the world.

During this academic year we have organized a 'Problem Solving and Ideation' workshop for students.

We take this opportunity to cordially invite you as a resource person to deliver a workshop on 'Problem Solving and Ideation' for students. The workshop is scheduled on Thursday 7<sup>th</sup> November 2024 in the seminar hall of our institute at 10:00am.

I request you to kindly accept our invitation and grace the occasion by your presence.

Thanking you

Dr. B. V. Ghewade

PRINCIPAL

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

Received





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**Institution Innovation Council (IIC)**

Academic Year 2024-25



**Attendance sheet for Problem solving and Ideation workshop**

Sr No	Student name	Sign
1	Omkar M. Patil	
2	Pranav T. Patil	
3	Arijun J. Borgeade	
4	Prathmesh P. Pedarekar	
5	Ritesh R. Jondhale	
6	Swapnil B. Patil	
7	Harshad Karkhkar	
8	Sarvesh Desai	
9	Sahil S. Moramble	
10	Vighnesh S. Gailkar	
11	Harsh S. Killedar	
12	Tushar J. Gholase	
13	Sahil S. Desai	
14	Shreyash S. Sawant	
15	Pruthviraj S. Kachare	
16	Parth J. Patil	
17	Sairaj K. Dalvi	
18	Omkar K. Patil	
19	Gundurav S. Gorai	
20	Jaydeep J. Patil	
21	Rahul R. Jadhav	
22	Pranav A. Dabade	
23	Matur Bhosale	
24	Gaurav Bhorekar	
25	Vikram Katre	
26	Shubham Bedekar	
27	Rutvij Outkar	
28	Omkar R. Pandit	





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**Institution Innovation Council (IIC)**

Academic Year 2024-25



Sr No	Student name	Sign
29	Roshan Bhaskar Shinde	
30	Akash Dattatray Bead	
31	Shubham Subhash Sazade	
32.	Vikram Gopalkar Mangadum	
33	Saurabh Rajendra Patil	
34	Geetan. Gurusath Chavhan.	
35.	Pooja Porashram Dhayan	
36	Shubham Shamrao Shinde	
37	Dattatray Bhagwant Patil	
38	Pratik Patil	
39	Pratik Bhande	
40	Siddhesh Dorugade	
41	Vedant Khedekar	
42	Amin Mulla	
43	Chetan Bhasale	
44	Harshad Desai	
45	Ketan - A Bhasale	
46	Shreyash Patil	
47	Saloni Hanamant Chaugule	
48.	Nikita Dayanidhi Das	
49.	Swati Sambhaji Patil	
50.	Pallavi Pandurang Kurane	
51.	Neeta Ganpati Shelar	
52.	Samruddhi Santosh Gore	
53.	Sayali Santosh Misal	
54.	Pratiksha B. Desai	
55	Megha . B. Hule	
56	Diksha . N. Sutar	
57	Vrushali . H. Divale	
58	Somiksha . S. Kolekar	
59	Arafi Nandkumar Patil	





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Institution Innovation Council (IIC)

Academic Year 2024-25



Sr No	Student name	Sign
60	Siddhi Totiba Rokode	Siddhi
61	Sanika Ashok Patil	Patil
62	Sanika chaitaba patil	Patil
63	shroddha Dayanand Patil	Patil
64	Prachi sanjay Rane	Rane
65	Bakshi. P. Jadhav	Jadhav
66	Anhika .R. chougule	Chougule
67	Sweta G. Hodage	Sweta.Hodage
68	Vrushali A. Malvi	Malvi
69	Nikita Balu Waingade	Wain
70	Sanika Anil Shelake	Sanika Shelake
71	Sanika pharaji Patil	Patil
72	Shivani sudhakar chavan	S.S.Chavan
73	Jasudha D. Desai	Jasudha
74	Anjali N. Lingde.	Anjali
75	shital A. Lalade	Shitalalade
76	Vaishnavi Nagenda Patil	Vpatil
77	Sanika D. Dandavate	Dandavate
78	Prachi P. Patil	Patil
79	Madhura Ravindra Patil	Patil
80	Snehal A Vadrale	Snehal
81	Samruddhi S Mengane	Samruddhi
82	Pranali satyawar Pawar	Pranali
83	sanika Deepak Ingavale	Ingavale
84	swarupa Sandesh Sutar	Sutar
85	Gayatri Uttam Gawade.	Gawade
86	Anuradha Narayan Sutar	Anuradha
87	Sanika Raosaheb Bugade	Bugade
88	Sarmuddhi Sambhaji Shinde	Shinde
89	Suvarna Rajaram Ketrat	Suvarna
90	Pushpa Dattatray Kambale	Kambale







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**Institution's Innovation Council**



**Name of the Program:** Problem Solving and Ideation.

**Program driven by:** ECS Department

**Program Type:** Workshop

**Program Theme:** Entrepreneurship and Startup

**Start Date:** 07/11/2024

**End Date:** 07/11/2024

**Time:** 10:00AM to 3:00PM

**Venue:** Dr. Mokshagundam Visvesvaraya Seminar Hall, DADSCOE, Bhadgaon

**Number of students participants:** 103

**Number of Faculty Participants:** 6

**Mode of Session delivery:** offline

### Overview

#### Objectives of this session:

1. To Make Participants Aware of Innovation Design\
2. The Process to Transform Ideas into Reality
3. To Make Participants Aware of the Benefits of Idea Generation
4. To Equip Participants with Practical Tools for Ideation and Innovation

#### Benefits in terms of Learning/Knowledge obtained

1. Understanding the Fundamentals of Problem-Solving in Entrepreneurship
2. Mastery of Ideation Techniques
3. Enhanced Innovation Skills
4. Knowledge of Transforming Ideas into Actionable Plans
5. Awareness of Market Opportunities and Trends
6. Improved Decision-Making Skills





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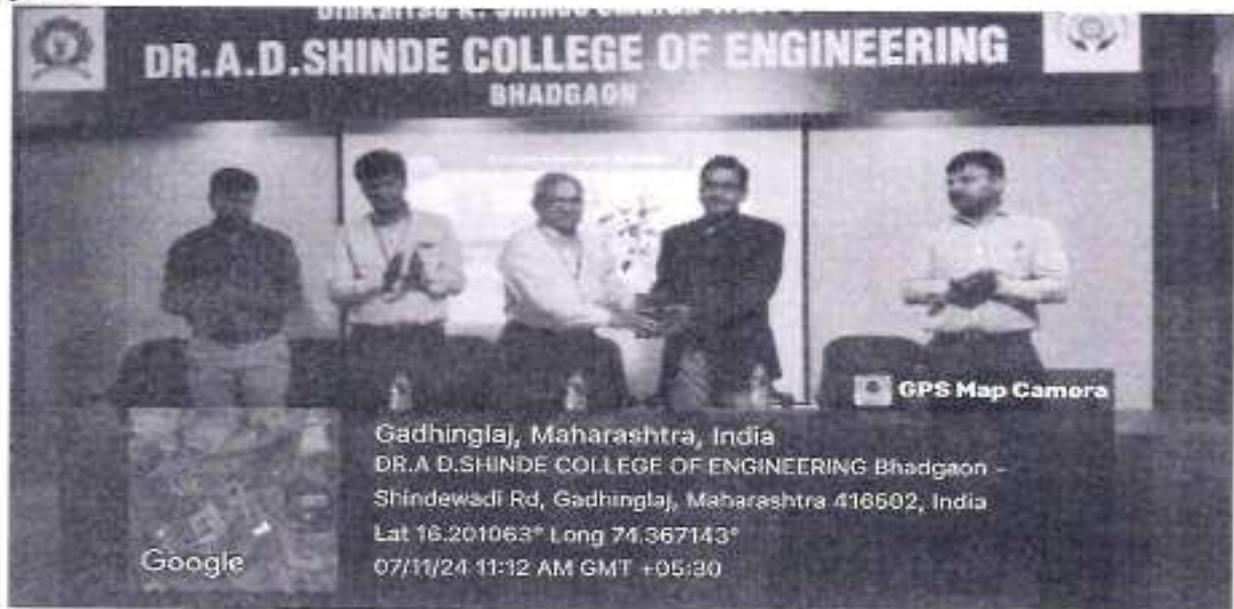
**Academic Year 2024-25**

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## Presentation of workshop

Photograph 1



Photograph 2

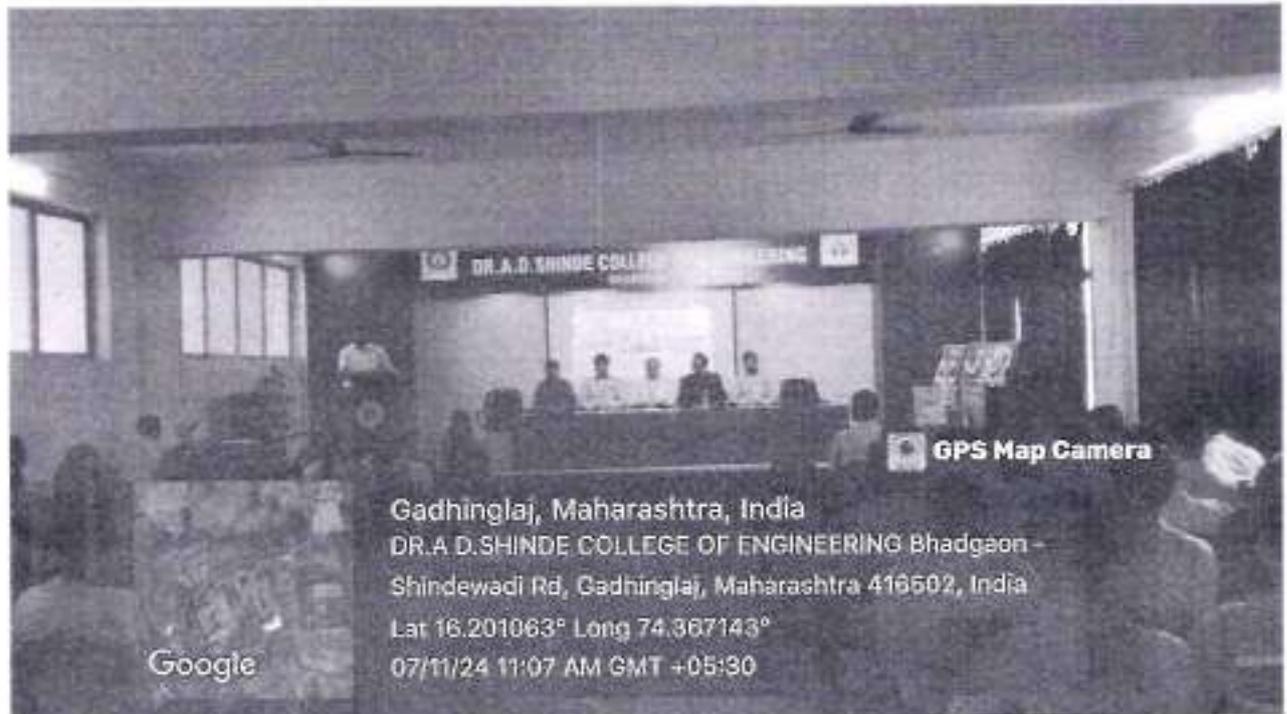




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Photograph 3



Photograph 4

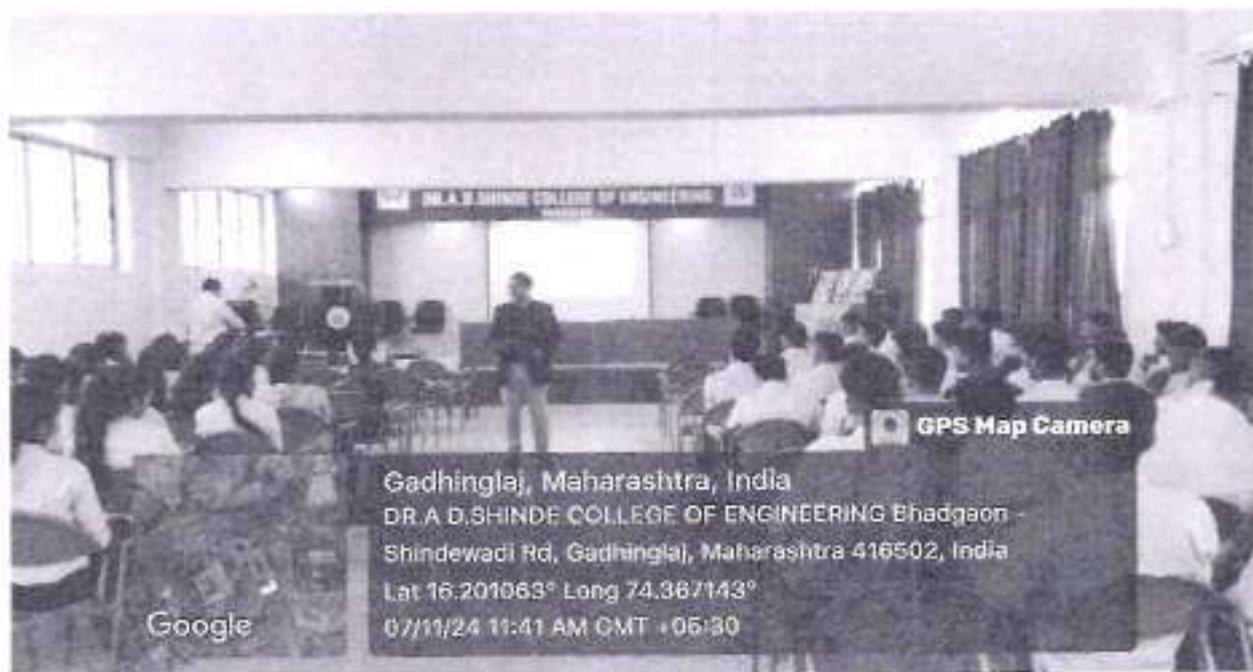




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Photograph 5



Photograph 6





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**Institution's Innovation Council**



**Photograph 7**

दैनिक सकाळ कोल्हापूर जिल्हा दुरे पान नंबर 3 बुधवार 9 नोव्हेंबर 2024

# मनाच्या मशागतीतून नवसंकल्पनांचा जन्म

## सूर्यकांत दोडमिसे : शिंदे इंजिनिअरिंगमध्ये कार्यशाळा उत्साहात

■ सकाळ वृत्तसेवा

गडहिंग्लज, ता. द. - स्टार्टअप संकल्पनांची नवसंकल्पनांमधे छत्रछाया मिळवण्यातून नवीन उद्योगनिर्मिती करण्यास बळ मिळते. सलग नव्यात अधिकृतिक मनाची मशागत झाल्यास नवसंकल्पनांचा जन्म होतो. त्यासाठी साधन, जाग्यात येरे, प्रयोगशीलता या निपटूरीना अंतर्भाव करावा, असे आवाहन सूर्यकांत दोडमिसे यांनी केले.

भद्रगाव (ता. गडहिंग्लज) येथील डॉ. ए. डी. शिंदे कॉलेज ऑफ इंजिनिअरिंगच्या इन्स्टिट्यूट इनोव्हेशन कॉन्सल्टिंगने प्रॉब्लेम सोल्विंग अँड आयडिअलना या विषयावर एक दिवसीय कार्यशाळा झाली. त्यावेळी मार्गदर्शक म्हणून सूर्यकांत दोडमिसे बोलत होते.

दरम्यान, सकाळच्या सकाळ प्राचार्य



भद्रगाव : डॉ. ए. डी. शिंदे इंजिनिअरिंगमधील कार्यशाळेत सूर्यकांत दोडमिसे यांचा वाक्कार डॉ. डी. व्ही. वेणुदे यांच्या हस्ते झाला. यावेळी किशोर जोशी, विवेक मठद, इरफान ब्राह्मण आदी उपस्थित होते.

डॉ. डी. व्ही. वेणुदे, प्रा. किशोर जोशी, डॉ. विवेक मठद यांच्या उद्विग्नित कार्यशाळेतने उद्घाटन झाले. प्राचार्य डॉ. वेणुदे यांनी नव संकल्पनांवर काम केल्याने त्यांचे संशोधनास वाच मिळतो व विद्यार्थी दलेगावूनच हे बीजालय बिंबवणे गरजेचे असल्याचे मत मांडले. कार्यशाळेत प्रथम व द्वितीय वर्षातील

१५० विद्यार्थी सहभागी झाले. विवेक या नवसंकल्पना उपक्रमाने उद्घाटन झाले. महाविद्यालयआंगणा हॅकिंगमध्ये नियोजन केले. गत महिन्याच्या नवसंकल्पना-विवेक उत्तम संकल्पक म्हणून निविता दास हिला प्रथम क्रमांकाचे गौरवले. तिला ऑक्टोबर महिन्याची नवसंकल्पक म्हणून जाहीर

केले. सान्ध्यक म्हणून प्रा. संजना खोत्रापुरे यांनी काम पाहिले. प्रा. इरफान ब्राह्मण यांनी प्रास्ताविक केले. निमंत्रक प्रा. अमर बरिकर यांनी आपण मानते. संस्थेच्याकड वनिता सिदि, सचिव प्रा. स्वाती कोरी, सल्लागार प्रवेश कोरी व प्राचार्य डॉ. डी. व्ही. वेणुदे यांचे मार्गदर्शन मिळाले.





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

Bhadgaon, Gadhinglaj, Dist: Kolhapur Pin:416502

**Academic Year 2024-25**

**Institution's Innovation Council**



**Name of the activity:** Workshop on Problem solving and Ideation.

**Speaker:-** Mr. Suryakant Dodmise

CEO SIBIC, Kolhapur

Director: Dr. Dnyaneshwar Mulay Skill Development Institute Kolhapur.

**Platform:** Offline

**Overall report of the activity:**

The "One Day Workshop on Problem Solving and Ideation " was held on 07/11/2024, at the Dr. Mokshagundam Visvesvaraya Seminar Hall, DADSCOE, Bhadgaon. This workshop, organized in association with the Institution's Innovation Council (IIC), was a significant event aimed at enhancing participants' understanding of effective problem-solving and ideation techniques.

Through practical exercises and collaborative discussions, participants gained insights into structured approaches for identifying, analyzing, and addressing challenges. The workshop not only fostered creativity and innovation but also provided attendees with a clear framework for turning abstract ideas into concrete solutions, making it an invaluable experience for anyone looking to strengthen their problem-solving skills.

  
Program Co-Ordinator

  
HOD



  
Principal



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Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502

**Academic Year 2024-25**

**Institution's Innovation Council**



**Student attendance list:-**

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**Institution Innovation Council (IC)**  
 Academic Year 2024-25

**Attendance sheet for Problem solving and Ideation workshop**

Sr No	Student name	Sign
1	Amkar M. Patil	Amkar
2	Pranav T. Patil	Pranav
3	Ashwin J. Bhangale	Ashwin
4	Prathmesh S. Pedhnekar	Prathmesh
5	Ritesh K. Jadhav	Ritesh
6	Swapnil B. Patil	Swapnil
7	Murad M. Zulkar	Murad
8	Garvesh Desai	Garvesh
9	Sahil S. Morambe	Sahil
10	Vighnesh S. Gaillard	Vighnesh
11	Harsh S. Kulkarni	Harsh
12	Tushar J. Ghole	Tushar
13	Sahil S. Desai	Sahil
14	Shreyas S. Sawant	Shreyas
15	Prathmesh S. Kulkarni	Prathmesh
16	Prathmesh J. Patil	Prathmesh
17	Siraj K. Patil	Siraj
18	Omkar K. Patil	Omkar
19	Sundhar S. Gani	Sundhar
20	Jaydeep J. Patil	Jaydeep
21	Rahul R. Jadhav	Rahul
22	Pranav A. Dabade	Pranav
23	Pratik Bhosale	Pratik
24	Gaurav Bharamkar	Gaurav
25	Vikram Kulkarni	Vikram
26	Shubham Bodekar	Shubham
27	Rutvik Patil	Rutvik
28	Amkar B. Patil	Amkar





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Bhadgaon, Gadhinglaj, Dist: Kolhapur Pin:416502

**Institution Innovation Council (IIC)**

**Academic Year 2024-25**



Sr No	Student name	Sign
29	Rohan Ashok Shinde	[Signature]
30	Akash Dattatray Bawad	[Signature]
31	Shubham Subhash Sawade	[Signature]
32	Vikram Gopala Mangalum	[Signature]
33	Saurabh Rajkumar Patil	[Signature]
34	Geetan. Gurusath Chavhan	[Signature]
35	Pooja. Prashant Chavhan	[Signature]
36	Shubham Shamrao Shinde	[Signature]
37	Dattatray Ashwanth Patil	[Signature]
38	Pragat Patil	[Signature]
39	Pragat Bhandge	[Signature]
40	Siddharth. Paragade	[Signature]
41	Vedant Khedekar	[Signature]
42	Amin Mulla	[Signature]
43	Chetan Bhosale	[Signature]
44	Harshad Desai	[Signature]
45	Ketan A. Bhosale	[Signature]
46	Ashwajit Patil	[Signature]
47	Saloni Namant Chaugur	[Signature]
48	Nikita Dayanidhi Das	[Signature]
49	Swati Sambhaj. Patil	[Signature]
50	Pallavi Pandurang Kurane	[Signature]
51	Neeta Ganpati Shelar	[Signature]
52	Samarudhi Santosh Gore	[Signature]
53	Sayali Santosh Misal	[Signature]
54	Pratiksha A. Desai	[Signature]
55	Megha B. Hale	[Signature]
56	Diksha N. Sutar	[Signature]
57	Vrushali H. Divate	[Signature]
58	Samiksha S. Kolekar	[Signature]
59	Aarti Nandkumar Patil	[Signature]





Dinkarrao K. Shinde Smarak Trusts

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

Bhadgaon, Gadhinglaj, Dist: Kolhapur Pin:416502

**Academic Year 2024-25**

**Institution's Innovation Council**



Dinkarrao K. Shinde Smarak Trusts

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

Bhadgaon, Gadhinglaj, Dist: Kolhapur Pin:416502

**Institution Innovation Council (IC)**

**Academic Year 2024-25**



Sr No	Student name	Sign
60	Siddhi Jitoba Rokade	Siddhi
61	Sanika Ashok Patil	Sanika
62	Sanika choleba patil	Sanika
63	shradha Jayant Patil	Shradha
64	Prachi sanjay Rane	Prachi
65	Bukh P. Jadhav	Bukh
66	Anzles R. chougale	Anzles
67	Suseta G. Modane	Suseta
68	Vrushali A. Malvi	Vrushali
69	Nikita Balu Waingade	Nikita
70	Sanika Anil Shelake	Sanika
71	Sanika pharaji Patil	Sanika
72	Shivani sudhakar chavan	Shivani
73	Jasudha D. Desai	Jasudha
74	Angali N. Lingade	Angali
75	shital A. Lakade	Shital
76	Vaishnavi Naganda Patil	Vaishnavi
77	Sanika D. Dandavathe	Sanika
78	Prachi P. Patil	Prachi
79	Madhura Ravindra Patil	Madhura
80	Snehal A. Vadrale	Snehal
81	Somruddhi S. Mangane	Somruddhi
82	Priyanshi sayawan Pawar	Priyanshi
83	Sanika Deepak Ingavale	Sanika
84	Swatupa Sandesh Sutar	Swatupa
85	Gayatri Uttam Gawade	Gayatri
86	Anuradha Narayan Sutar	Anuradha
87	Sanika Ramesh Bhaole	Sanika
88	Somruddhi Sambhaji Shinde	Somruddhi
89	Suvarna Rajaram Kulkarni	Suvarna
90	Pushta Dattatray Kamble	Pushta







Dinkarrao K. Shinde Smarak Trusts

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

Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502

**Academic Year 2024-25**

**Institution's Innovation Council**



**Faculty Members:-**

1. Ms. Sanjana Solapure
2. Mr. Amar Bandhekar
3. Mr. Irfan Trasgar
4. Ms. Shubhangi Pujari
5. Mr. Basavaraj Angadi
6. Mr. Mahadev Bandi

  
Program Co-Ordinator

  
HOD

  
Principal





Dinkarrao K. Shinde SmarakTrust's

**Dr. A.D. Shinde College of Engineering**

Guddai, Bhadgaon, Tal: - Gadhinglaj, Dist: -Kolhapur

**Department of Civil Engineering**

Date: 01/08/2024

## **NOTICE**

All student of civil engineering department hereby inform that our department arrange the expert lecture on "Water treatment units & their methods" on 05/08/2024 after 3.00pm. This will helps to improve your knowledge in environmental field. So kindly attain the expert lecture.

**HOD**  
**Dept. of Civil Engineering**  
**Dr.A.D Shinde College of Engineering**  
**A/n. Bhadgaon Gadhinglaj**



Dinkarrao K. Shinde SmarakTrust's

**Dr. A.D. Shinde College of Engineering**

Guddai, Bhadgaon, Tal: - Gadhinglaj, Dist: -Kolhapur

**Department of Civil Engineering**

Date : 28/07/2024

To,

Principal

DADSCE, Guddai, Bhadgaon

Subject : Regarding permission for arranging expert lecture for third year civil engineering students.

Respected sir,

I Mr.A.S.Madkari working as H.O.D of civil Engg. dept in our institute. Our department wants to arrange expert lecture for third year civil engineering students on "Water treatment units & their methods"

This expert lecture helps to improve student knowledge. So I request you to give the permission for organizing such beneficial expert lecture.

So please consider the same and permit us.



Yours faithfully

**HOD**

**Dept. of Civil Engineering  
Dr.A.D Shinde College of Engineering  
A/n Bhadgaon, [Gadhinglaj]**



Dinkarrao K. Shinde Smarak Trust's

# Dr. A. D. Shinde College of Engineering

Accredited by NAAC "B +", ISO 9001:2015 and ISO14001:2015

Approved by AICTE, New Delhi, DTE, Mumbai, Govt. of Maharashtra and Affiliated to Shivaji University, Kolhapur.



Date - 05/08/2024

To,  
Mrs. N. P. Thorat (M.Tech ENV)  
H.O. D ( Dept. Of Civil Engg.)  
Adarsh Institute of Techonology and Polytechnic, Vita

Subject : Regarding thanking for conducting expert lecture on "Water treatment units & their methods".

Respected sir,  
On the behalf of our institute ADSCOE, Bhadgaon and Civil Engineering Department DADSCOE, Bhadgaon we are very thankful to you for conducting such a needful lecture on "Water treatment units & their methods" and sharing your knowledge with us.  
So we heartily thank to you and hope you will join with us in future also.



Yours faithfully

**HOD**

**Dept. of Civil Engineering,  
Dr. A. D. Shinde College of Engineering  
A/p. Bhadgaon, Gadhinglaj.**

Received



Dinkarrao K. Shinde Smarak Trust's

# Dr. A. D. Shinde College of Engineering

Accredited by NAAC "B +", ISO 9001:2015 and ISO14001:2015

Approved by AICTE, New Delhi, DTE, Mumbai, Govt. of Maharashtra and Affiliated to Shivaji University, Kolhapur.



Date- 30/07/2024

To,  
Mrs. N. P. Thorat (M.Tech ENV)  
H.O.D ( Dept. Of Civil Engg.)  
Adarsh Institute of Techonology and Polytechnic, Vita

Subject : Regarding invitation as a resource person for expert lecture on "Water treatment units & their methods".

Respected sir,

On the behalf of Civil Engineering Department ADSCOE, Bhadgaon we are very pleased to have the honour of inviting you as a resource person to deliver a lecture on " Water treatment units & their methods" at our college campus. We are planning to arrange the lecture on 05/08/2024 for our third year students.

Your expertise and knowledge would definitely help our students. We hope you can make time in your busy schedule and guide our students.



Yours faithfully

**HOD**

**Dept. of Civil Engineering**  
**Dr. A. D. Shinde College of Engineering**  
**A/o. Bhadgaon, Gadhinglaj.**



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**



## Summary Sheet

Sr. No.	Name of resource person	Subject	Date
1.	Mr. Patil J. S.	MD - II	10/02/2025
2.	Mr. Raut V. R.	CADM	28/02/2025
3.	Mr. Kadam R. p.	Mechatronics	12/03/2025





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**



Date - 06/02/2025

## NOTICE

All students of Mechanical Engineering Department are hereby informed that our department arranged the guest lecture on "Machine Design - II" on 10/02/2025 at 12.00pm. This will help to improve your subject knowledge in Machine Design. So kindly attend the guest lecture.

H. O. D.

Department of Mechanical Engineering

HOD  
Dept. of Mechanical Engg.  
Dr. A. D. Shinde College of Engg.  
Bhadgaon, Tal. Gadhinglaj.





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**



Date: 05/02/2025

To,

Principal

Dr. A. D. Shinde College of Engineering,

Bhadgaon.

Subject: Permission for arranging guest lecture for third year mechanical engineering students.

Respected sir,

I Mr. Kumbhar G. M. working as H.O.D of mechanical engg. dept in our institute. Our department wants to arrange guest lecture for third year engineering students on "**Machine Design - II**"

This expert lecture helps to improve student knowledge. So, I request you to give the permission for organizing such beneficial expert lecture.

So please consider the same and permit us.

Yours faithfully

Mr. Kumbhar G. M.

H.O.D.  
Dept. of Mechanical Engg.  
Dr. A. D. Shinde College of Engg.  
Bhadgaon, Dist. Kolhapur



	<p>Dinkarrao K. Shinde Smarak Trusts</p> <p><b>DR. A. D. SHINDE COLLEGE OF ENGINEERING.</b> Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502 <b>Academic Year 2024-25</b> <b>Department of Mechanical Engineering</b></p>	
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Ref: DADSCOEF/6878/24-25/336

Date: 08/02/2025

To,

Mr. Patil J. S.

Kolhapur.

Subject: Invitation as a resource person for expert lecture on "Machine Design - II"

Respected sir,

On the behalf of our institute Dr. A. D. Shinde College of Engineering, Bhadgaon and Mechanical Engineering Department, we are very pleased to inviting you as a resource person to deliver a guest lecture on "Machine Design - II".at our college campus. We are planning to arrange the lecture on 10/02/2025 for our third-year students.

Your expertise and knowledge would definitely help our students. We hope you can make time in your busy schedule and guide our Mechanical Engineering Department Students.



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



Dinkarrao K. Shinde Smarak Trusts

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

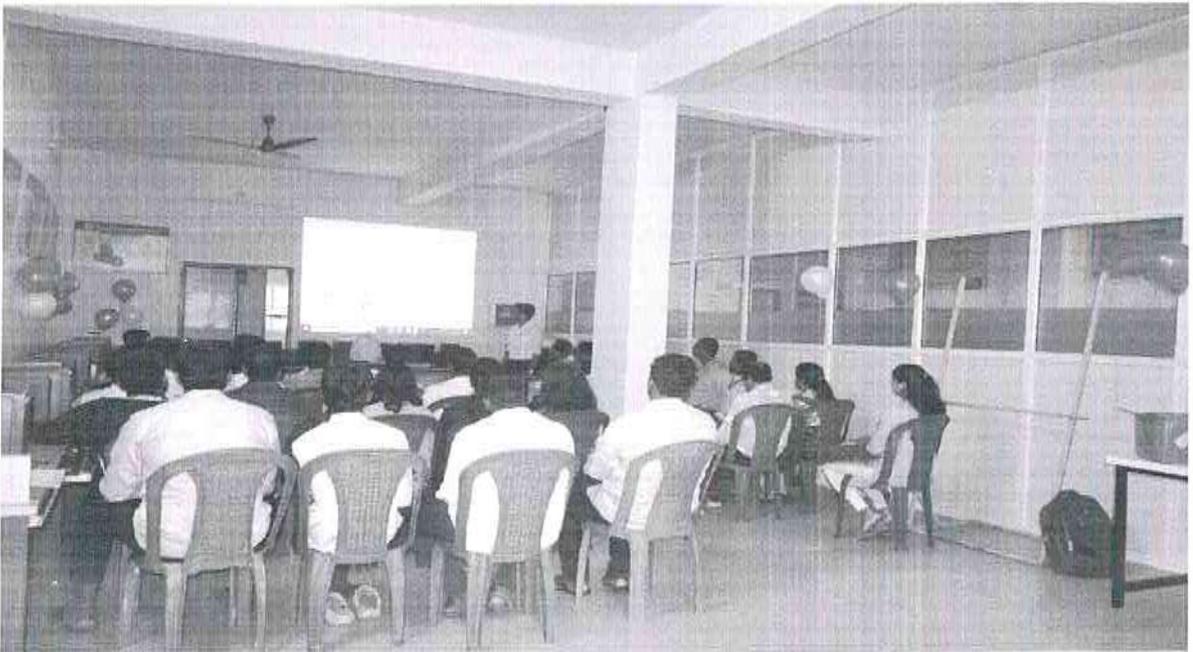
Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502

**Academic Year 2024-25**

**Department of Mechanical Engineering**



Photograph:





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**



Attendance:

**Third Year Attendance Record**

Sl. No.	NAME OF STUDENT	Signature	
		11/04/2025	12/04/2025
1	BELEKAR ANIKET KRUSHNAT	<i>Ande</i>	<i>Ande</i>
2	CHOUGULE SHRIDHAR MAHADEV	<i>Ande</i>	<i>Ande</i>
3	HAKIM ANIS ADAM	<i>Ande</i>	<i>Ande</i>
4	JAMADAR DISHANT ALLABAKASH	<i>Ande</i>	<i>Ande</i>
5	KABURE TUSHAR DATTATRAY	<i>Ande</i>	<i>Ande</i>
6	KOTEKAR ROHAN RAJARAM	<i>Ande</i>	<i>Ande</i>
7	NAIK RAHUL NAMDEV	<i>Ande</i>	<i>Ande</i>
8	PATIL SAHIL SHANTARAM	<i>Ande</i>	<i>Ande</i>
9	PATIL AMOL SURESH	<i>Ande</i>	<i>Ande</i>
10	PATIL RAVINA PANDURANG	<i>Ande</i>	<i>Ande</i>
11	PATIL VINOD KALAGONDA	<i>Ande</i>	<i>Ande</i>
12	PATIL YOGESH NAMDEV	<i>Ande</i>	<i>Ande</i>
13	SWAMI ANIKET ASHOK	<i>Ande</i>	<i>Ande</i>
14	WAGHE DNYANESHWAR SUBHASH	<i>Ande</i>	<i>Ande</i>
15	SHINDE RUTURAJ PANDURANG	<i>Ande</i>	<i>Ande</i>
16	BHAKARI GAUTAM MAHESHKUMAR	<i>Ande</i>	<i>Ande</i>
17	BHARMAL ANMOL SACHIN	<i>Ande</i>	<i>Ande</i>
18	BHOSALE SIDDHESH RAJENDRA	<i>Ande</i>	<i>Ande</i>
19	CHOUGULE SHIVRAJ VIJAYKUMAR	<i>Ande</i>	<i>Ande</i>
20	DESAI HRISHIKESH SHRIDHAR	<i>Ande</i>	<i>Ande</i>
21	GAVALJ ATAMANAND RAMESH	<i>Ande</i>	<i>Ande</i>
22	GHATAGE PRUTHVIRAJ VASANT	<i>Ande</i>	<i>Ande</i>
23	GUNDAP VISHAL MARUTI	<i>Ande</i>	<i>Ande</i>
24	KAMBLE SHIVAJI PANDURANG	<i>Ande</i>	<i>Ande</i>
25	KAMBLE ADINATH KRISHNA	<i>Ande</i>	<i>Ande</i>
26	KAMBLE BASAVARAJ VIJAY	<i>Ande</i>	<i>Ande</i>
27	KAMBLE TUSHAR MAHADEV	<i>Ande</i>	<i>Ande</i>
28	KESARKAR DRAKSHAYANI PAPA	<i>Ande</i>	<i>Ande</i>
29	MALAVEKAR GANESH BALASO	<i>Ande</i>	<i>Ande</i>
30	MALI PRADIP PANDURANG	<i>Ande</i>	<i>Ande</i>
31	MANE VAIBHAV UDAY	<i>Ande</i>	<i>Ande</i>
32	PATIL ANIL PANDURANG	<i>Ande</i>	<i>Ande</i>
33	PATIL NITISH MADHUKAR	<i>Ande</i>	<i>Ande</i>
34	PATIL PRATHAMESH SANJAY	<i>Ande</i>	<i>Ande</i>





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**



Ref: DADSCOE/6878/24-25/340

Date: 10/02/2025

To,

Mr. Patil J. S.

Kolhapur.

Subject: Regarding thanking for conducting guest lecture on "Machine Design - II"

Respected sir,

On the behalf of our institute Dr. A. D. Shinde College of Engineering, Bhadgaon and Mechanical Department, we are very thankful to you for conducting such a needful lecture on "Machine Design - II" and sharing your knowledge with us.

So, we heartily thank to you and hope you will join with us in future also.



  
PRINCIPAL  
A. D. Shinde College of Engineering,  
Bhadgaon, Tal Gadhingraj, Dist. Kolhapur.



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**



Date - 25/02/2025

## NOTICE

All students of Mechanical Engineering Department are hereby informed that our department arranged the guest lecture on "Computer aided and manufacturing" on 28/02/2025 at 12.00pm. This will help to improve your subject knowledge in Computer aided and manufacturing. So kindly attend the guest lecture.



H. O. D.

Department of Mechanical Engineering

HOD  
Dept of Mechanical Engg.  
Dr. A. D. Shinde College of Engg.  
Bhadgaon, Tal. Gadhinglaj



	<p>Dinkarrao K. Shinde Smarak Trusts</p> <p><b>DR. A. D. SHINDE COLLEGE OF ENGINEERING.</b> Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502 <b>Academic Year 2024-25</b> <b>Department of Mechanical Engineering</b></p>	
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Date: 24/02/2025

To,  
Principal  
Dr. A. D. Shinde College of Engineering,  
Bhadgaon.

Subject: Permission for arranging guest lecture for third year mechanical engineering students.

Respected sir,

I Mr. Kumbar G. M. working as H.O.D of mechanical engg. dept in our institute. Our department wants to arrange guest lecture for third year engineering students on "Computer aided and manufacturing"

This expert lecture helps to improve student knowledge. So, I request you to give the permission for organizing such beneficial expert lecture.

So please consider the same and permit us.

Yours faithfully

Mr. Kumbar G. M.



HOD  
Dept. of Mechanical Engg.  
Dr. A. D. Shinde College of Engineering  
Bhadgaon, Kolhapur

	<p>Dinkarrao K. Shinde Smarak Trusts</p> <p><b>DR. A. D. SHINDE COLLEGE OF ENGINEERING.</b> Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502 <b>Academic Year 2024-25</b> <b>Department of Mechanical Engineering</b></p>	
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Ref: DADSCOE/6878/24-25/350

Date: 26/02/2025

To,

Mr. Raut V. R.

Belgav.

Subject: Invitation as a resource person for expert lecture on "Computer aided and manufacturing"

Respected sir,

On the behalf of our institute Dr. A. D. Shinde College of Engineering, Bhadgaon and Mechanical Engineering Department, we are very pleased to inviting you as a resource person to deliver a guest lecture on "Computer aided and manufacturing".at our college campus. We are planning to arrange the lecture on 28/02/2025 for our third-year students.

Your expertise and knowledge would definitely help our students. We hope you can make time in your busy schedule and guide our Mechanical Engineering Department Students.



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



Dinkarrao K. Shinde Smarak Trusts

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

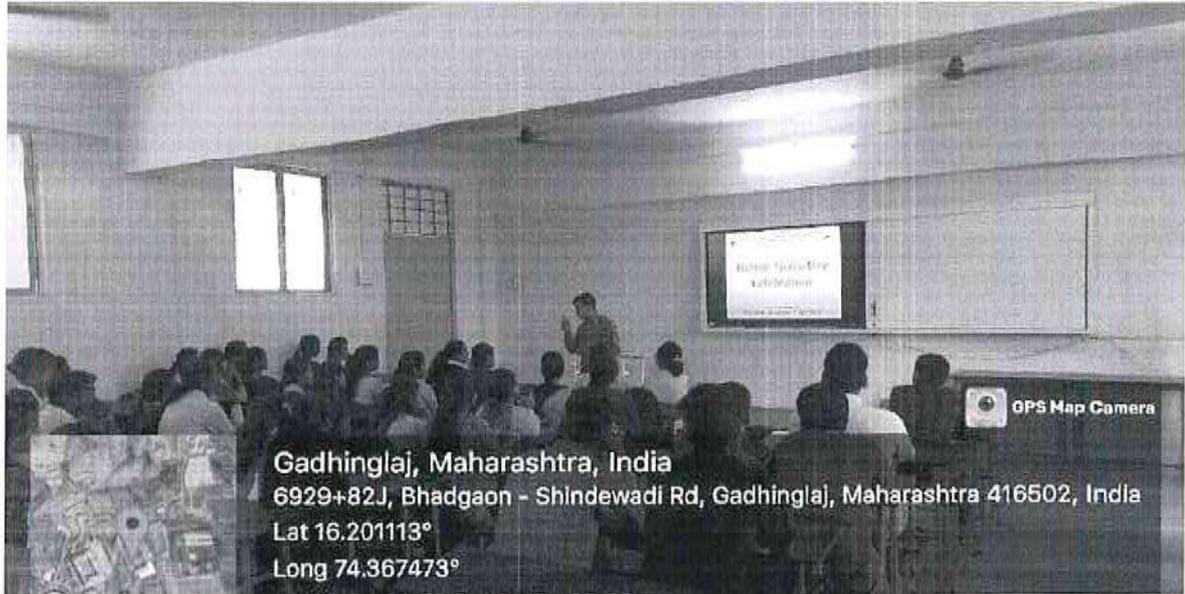
Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502

**Academic Year 2024-25**

**Department of Mechanical Engineering**



Photograph:





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**



Attendance:

**Third Year Attendance Record**

Sl. No.	NAME OF STUDENT	Signature	
		11/04/2025	12/04/2025
1	BELEKAR ANIKET KRUSHNAT	<i>Aniket</i>	<i>Aniket</i>
2	CHOUGULE SHRIDHAR MAHADEV	<i>Shridhar</i>	<i>Shridhar</i>
3	HAKIM ANIS ADAM	<i>HAK</i>	<i>HAK</i>
4	JAMADAR DISHANT ALLABAKASH	<i>JDA</i>	<i>JDA</i>
5	KABURE TUSHAR DATTATRAY	<i>AK</i>	<i>AK</i>
6	KOTEKAR ROHAN RAJARAM	<i>KoR</i>	<i>KoR</i>
7	NAIK RAHUL NAMDEV	<i>NAIK</i>	<i>NAIK</i>
8	PATIL SAHIL SHANTARAM	<i>SP</i>	<i>SP</i>
9	PATIL AMOL SURESH	<i>Amol</i>	<i>Amol</i>
10	PATIL RAVINA PANDURANG	<i>RP</i>	<i>RP</i>
11	PATIL VINOD KALAGONDA	<i>VK</i>	<i>VK</i>
12	PATIL YOGESH NAMDEV	<i>YK</i>	<i>YK</i>
13	SWAMI ANIKET ASHOK	<i>Swami</i>	<i>Swami</i>
14	WAGHE DNYANESHWAR SUBHASH	<i>Waghe</i>	<i>Waghe</i>
15	SHINDE RUTURAJ PANDURANG	<i>Shinde</i>	<i>Shinde</i>
16	BHAKARI GAUTAM MAHESHKUMAR	<i>Gautam</i>	<i>Gautam</i>
17	BHARMA ANMOL SACHIN	<i>Anmol</i>	<i>Anmol</i>
18	BHOSALE SIDDHESH RAJENDRA	<i>Bhosale</i>	<i>Bhosale</i>
19	CHOUGULE SHIVRAJ VIJAYKUMAR	<i>Shivraj</i>	<i>Shivraj</i>
20	DESAI HRISHIKESH SHRIDHAR	<i>Desai</i>	<i>Desai</i>
21	GAVALI ATAMANAND RAMESH	<i>Gavali</i>	<i>Gavali</i>
22	GHATAGE PRUTHIVIRAJ VASANT	<i>GH</i>	<i>GH</i>
23	GUNDAP VISHAL MARUTI	<i>GV</i>	<i>GV</i>
24	KAMBLE SHIVAJI PANDURANG	<i>SK</i>	<i>SK</i>
25	KAMBLE ADINATH KRISHNA	<i>AK</i>	<i>AK</i>
26	KAMBLE BASAVARAJ VIJAY	<i>Kamble</i>	<i>Kamble</i>
27	KAMBLE TUSHAR MAHADEV	<i>Tushar</i>	<i>Tushar</i>
28	KESARKAR DRAKSHAYANI PAPA	<i>Kesarkar</i>	<i>Kesarkar</i>
29	MALAVEKAR GANESH BALASO	<i>Malavekar</i>	<i>Malavekar</i>
30	MALI PRADIP PANDURANG	<i>PM</i>	<i>PM</i>
31	MANE VAIBHAV UDAY	<i>MPP</i>	<i>MPP</i>
32	PATHI ANIL PANDURANG	<i>PA</i>	<i>PA</i>
33	PATIL NITISH MADHUKAR	<i>Nitish</i>	<i>Nitish</i>
34	PATIL PRATHAMESH SANJAY	<i>PS</i>	<i>PS</i>





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**



Ref: DADSCOE/6878/24-25/354

Date: 28/02/2025

To,

Mr. Raut V. R.

Belgav.

Subject: Regarding thanking for conducting guest lecture on "Computer aided and manufacturing"

Respected sir,

On the behalf of our institute Dr. A. D. Shinde College of Engineering, Bhadgaon and Mechanical Department, we are very thankful to you for conducting such a needful lecture on "Computer aided and manufacturing" and sharing your knowledge with us.

So, we heartily thank to you and hope you will join with us in future also.



*[Signature]*  
PRINCIPAL  
A.D. Shinde College of Engineering  
Bhadgaon, Tal. Gadhinglaj, Dist. Kolhapur.



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**



Date - 06/03/2025

## NOTICE

All students of Mechanical Engineering Department are hereby informed that our department arranged the guest lecture on "Mechatronics" on 12/03/2025 at 12.00pm. This will help to improve your subject knowledge in Mechatronics. So kindly attend the guest lecture.



H. O. D.

Department of Mechanical Engineering

Dept of Mechanical Engg.  
Dr. A. D. Shinde College of Engg.  
Bhadgaon, Tal. Gadhinglaj.



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**



Date: 05/02/2025

To,

Principal

Dr. A. D. Shinde College of Engineering,

Bhadgaon.

Subject: Permission for arranging guest lecture for third year mechanical engineering students.

Respected sir,

I Mr. Kumbhar G. M. working as H.O.D of mechanical engg. dept in our institute. Our department wants to arrange guest lecture for third year engineering students on "**Mechatronics**"

This expert lecture helps to improve student knowledge. So, I request you to give the permission for organizing such beneficial expert lecture.

So please consider the same and permit us.

Yours faithfully

Mr. Kumbhar G. M.

H.O.D.  
Dept. of Mechanical Engg.  
Dr. A. D. Shinde College of Engg.  
Bhadgaon, Tal. Gadhinglaj.



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**



Ref: **DADSCOE/6878/24-25/360**

Date: **07/03/2025**

To,

Mr. Kadam Rohit P.

Nipani.

Subject: Invitation as a resource person for expert lecture on "Mechatronics"

Respected sir,

On the behalf of our institute Dr. A. D. Shinde College of Engineering, Bhadgaon and Mechanical Engineering Department, we are very pleased to inviting you as a resource person to deliver a guest lecture on "Mechatronics".at our college campus. We are planning to arrange the lecture on 12/03/2025 for our Final-year students.

Your expertise and knowledge would definitely help our students. We hope you can make time in your busy schedule and guide our Mechanical Engineering Department Students.



*[Signature]*  
PRINCIPAL  
A.D. Shinde College of Engineering  
Bhadgaon, Tal. Gadhinglaj, Dist. Kolhapur.



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**



Photograph:





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**



Attendance:

Sl. No.	NAME	Signature	
		11/04/2025	12/04/2025
1	ASWALE SAMIR PRABHAKAR		
2	AWADAN NILESH NARAYAN		
3	DESALJAYANT KHANDERAO		
4	DESALPRAVIN SHIVGONDA		
5	DEVADKAR TEJASHRI ISHWARA		
6	DHANAWDE NIKHIL MARUTI	N.M.D.	N.M.D.
7	DIHURI VINAYAK MARUTI		
8	HODAGE AVINASH RAJENDRA		
9	HUNDALEWADKAR NIKHIL S		
10	JADHAV NITEESH DASHARATH		
11	MOHITE KIRAN SHIVAJI		
12	PATIL AKSHAY VASANT		
13	PATIL RAHUL SHIVAJI		
14	PATIL RUTUJA RAVINDRA		
15	PATIL SHUBHAM GANPAT		
16	PATIL SHWETA SUBHASH		
17	PATIL SIDDHANT DATTATRAY		
18	RAUT RUSHIKESH VIKRAM		
19	SALOKHE ADITYA ARUN		
20	SONALE DIPAK BALASO		
21	SONU SAURAV ASHOK KUMAR S		
22	SURYAVANSHI PRATIKSHA D.		
23	TORASKAR NILESHWAR AJIT		
24	GHODAKE ABHISHEK AVADIHUT		
25	KAMBLE VINAYAK PANDURANG	K.V.P.	K.V.P.
26	MANDALIK ROHAN VILAS		
27	PATIL SHRINIVAS YASHAWANT		
28	RANE NIKHIL SURESH		
29	Ramase Phit Yurraj		



	<p>Dinkarrao K. Shinde Smarak Trusts</p> <p><b>DR. A. D. SHINDE COLLEGE OF ENGINEERING.</b> Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502 <b>Academic Year 2024-25</b> <b>Department of Mechanical Engineering</b></p>	
---	--	---

Ref: *DADSCOE/6878/24-25/365*

Date: *12/03/2025*

To,

Mr. Kadam Rohit P.

Nipani.

Subject: Regarding thanking for conducting guest lecture on "Mechatronics"

Respected sir,

On the behalf of our institute Dr. A. D. Shinde College of Engineering, Bhadgaon and Mechanical Department, we are very thankful to you for conducting such a needful lecture on "Mechatronics" and sharing your knowledge with us.

So, we heartily thank to you and hope you will join with us in future also.



*[Signature]*  
PRINCIPAL  
A.D. Shinde College of Engineering  
Bhadgaon, Tal. Gadhinglaj, Dist. Kolhapur



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Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502

**Academic Year 20223-24**



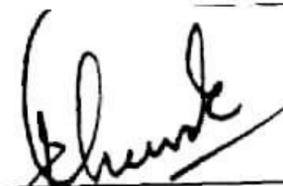
Date-16/01/2025

To,  
Shekar S. Patil  
Entrepreneur of EV battery  
Ghadinglaj.

Dear sir

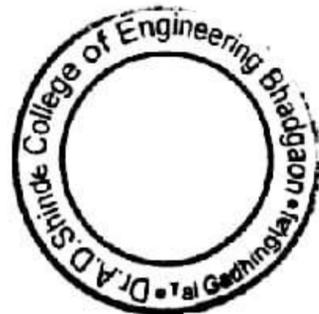
I Hope this message finds you well. On behalf of Dr. A. D. Shinde College of Engineering Bhadgaon, I am delighted to extend an warm invitation to you deliver a talk at on campus on 16/01/2025, about “Electrical Vehicle ” to our students .

We are appreciating your presence and look forward to an enlightening session that will undoubtedly benefit for our students.



Principal

Dr. Dinkar V. Ghewade





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**DR. A. D. SHINDE COLLEGE OF ENGINEERING.**  
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**Academic Year 2024-25**  
**Institution's Innovation Council**



## Guest Lecture

**Name of the Program:** National Startup Day

**Guest Lecture On:** "Electrical Vehicle"

**Program driven by:** Electrical Department

**Program Theme:** Celebration Activity

**Program Type:** Exposure Visit @ Bhadgaon

**Level : 1**

**Start Date:** 16/01/2025

**End Date:** 16/01/2025

**Time:** 10:30AM to 12:30PM

**Venue:** Seminar Hall

**Number of students participants:** 42

**Number of Faculty Participants:** 08

**Mode of Session delivery:** offline

### Overview

#### Objectives of this session:

The objective of Startup Day is to provide a platform for entrepreneurs, innovators, investors, and business enthusiasts to come together, share ideas, showcase their startups, network, and gain valuable insights from industry leaders.





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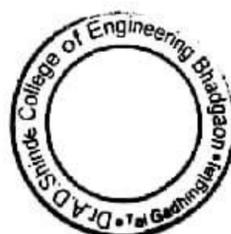
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## **Benefits in terms of Learning/Knowledge obtained**

1. **Encouragement for Innovation:** National Startup Day promotes the spirit of innovation and entrepreneurship.
2. **Recognition and Visibility for Startups:** Startups get the opportunity to showcase their products, services, and ideas to a larger audience.
3. **Networking Opportunities:** Entrepreneurs can connect with potential investors, mentors, partners, and other stakeholders in the startup ecosystem.
4. **Inspiration and Motivation:** It helps to build confidence and encourages the next generation of innovators to start their own ventures.
5. **Promotes Economic Growth:** National Startup Day helps highlight the importance of startups in driving economic development, encouraging a favorable business environment.
6. **Global Exposure:** Through events and activities around National Startup Day, startups gain exposure beyond their local markets, potentially attracting international attention, partners, and investors.





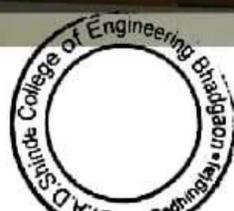
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Photograph 1



Photograph 2





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Photograph 3



Photograph 4





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**Name of the activity: National Startup Day**

**Overall report of the activity:**

National Startup Day serves as a powerful reminder of the importance of startups in driving economic growth, technological innovation, and societal change. By celebrating entrepreneurial achievements, it inspires individuals to take risks, pursue their ideas, and innovate. The day fosters a mindset of problem-solving and encourages young entrepreneurs to embark on their startup journeys with confidence and it helps build a vibrant and supportive startup ecosystem by bringing together entrepreneurs, investors, government agencies, and service providers. This fosters an environment conducive to innovation and growth.

**Program Co-Ordinator**

**HOD**

**Princip**





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Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502

**Academic Year 2024-25**

**Institution's Innovation Council**



**Student attendance list:-**

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Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502  
**Institution's Innovation Council (IIC)**  
Academic Year 2024-25

INSTITUTION'S INNOVATION COUNCIL  
(Ministry of HRD Initiative)

Student Attendance Sheet Date 16/01/25

Sr.no	Name of student	Sign
1	Grodase Karuna Tukaram	Krodase
2	Padekar Rutyja chandrakant	Padekar
3	Patil Dnyaneshwari Dilip	Patil
4	Kisti mallesh Tangadi	Kisti
5	Sadhana Prakash Bhandigare	Sadhana
6	Sheuti Dattateay Londhe	Sheuti
7	Bhagyashri Pandurang kanade	Bhagyashri
8	Tanuja Tanaji Gawade.	Tanuja
9	Sakshi Sidram Babanavar	Sakshi
10	Ankita Anant Patil	Ankita
11	Ashwini Praji Dorugade	Ashwini
12	Prachi Prakash Gavade	Prachi
13	Manali Prashram Moture	Manali
14	Tejaswini Tanaji Patil	Tejaswini
15	Balash Pandurang Jadhav	Balash
16	Anrika Rajendra chougule	Anrika
17	Sanika sanjay Tavade	Sanika
18	Prachi Sanjay Bhalavane	Prachi
19	Varsharani Suresh Chothe	Varsharani
20	Sonali Dilip Tangali	Sonali
21	Sweta Ganpatrao Hadage	Sweta
22	NIKITA B waingade	Nikita
23	Sanika P Londhe	Sanika

Dr. A. D. Shinde College of Engineering Bhadgaon



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**Academic Year 2024-25**  
**Institution's Innovation Council**



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Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502  
**Institution's Innovation Council (IIC)**  
Academic Year 2024-25

Student Attendance Sheet Date 16/01/25

Sr.no	Name of student	Sign
24	Sanika. A. Shelake	Sanika Shelake
25	Sanika. D. Patil	Sanika Patil
26	Shivani. S. Chauhan	S. Chauhan
27	Prachi S. Rane	P. Rane
28	Shraddha D. Patil	Shraddha Patil
29	Gauri V. Chougale	G. Chougale
30	Shobhani D. Desai	S. Desai
31	Aliya S. Mulla	Amulla
32	Ravikiran R. Khairmode	R. Khairmode
33	Prajwal P. Chougale	P. Chougale
34	Omkar M Patil	Omkar Patil
35	Omkar P Patil	Omkar Patil
36	Prathamesh P Pedaneekar	P. Pedaneekar
37	Rahul. R. Jadhav	R. Jadhav
38	Sagar Gajanan Pradhan	S. Pradhan
39	Arjun Jaywant Bonyarde	A. Bonyarde
40	Haitik R. Jadhav	H. Jadhav
41	Aniket. R. Agare	A. Agare
42	Kiran Kumar K. Nikam	K. Nikam
43		
44		
45		
46		





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**Academic Year 2024-25**  
**Institution's Innovation Council**



**Faculty Members: -**

1. Mr. Basavaraj A Angadi
2. Mr. Amar Bandekar
3. Mr. Abhijit S. Bhorganve
4. Miss. Ketaki Gurav
5. Mr. Amit Madakari
6. Miss. Mayuri Nimbalkar
7. Mr. Irfan Trasgar
8. Miss .Poonam Jangali

**Program Co-Ordinator**

**HOD**

**Principal**





Dinkarrao K. Shinde Smarak Trusts

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

Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502

**Academic Year 2023-24**



Date-16/01/2025

To,  
Shekar S. Patil  
Entrepreneur of EV battery  
Ghadinglaj.

**Subject:** Thank You for Your Valuable Contribution

Dear Shekar S. Patil , I wanted to extend my heartfelt thanks for your time and the valuable insights you shared during expert talk on “Electrical Vehicle. Your expertise and engaging presentation truly enriched our experience and deepened our understanding of the topic.

We appreciate your willingness to share your knowledge and hope to have the opportunity to learn from you again in the future.

Principal

Dr. Dinkar V. Ghewade

# Participative Learning



Dinkarrao K. Shinde Smarak Trusts

## Dr. A. D. Shinde College of Engineering, Bhadgaon

Sr. No.	Name of the Activity	Purpose of Activity
1	Technical Competitions like Techmanthan, Project Competitions	The purpose for conducting such a competition for sharing their projects ideas with the world
2	Participation in Paper Presentation Competition / Publications / Conferences	Participation in Conferences helps to exchange knowledge also helps students to gain deeper insights after meeting people and make meaningful connections, and bring back valuable ideas and strategies.
3	Extra and Co-curricular Activities	Co-curricular activities improve the learning experiences of students, help them identify and develop their inner talents like creative & public speaking skills, leadership qualities, etc.
4	Quiz Solving and Group discussion	It encourages active participation, exchange of ideas and boosts confidence of students when they are able to provide the solutions by themselves. It improves their analytical thinking and problem-solving skills to a great extent.



  
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Bhadgaon, Tal. Gadhinglaj, Dist. Kolhapur



**Dinkarrao K. Shinde Smarak Trusts**  
**DR. A. D. SHINDE COLLEGE OF ENGINEERING,**  
**Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502**



## Students Participation

Sr. No	A.Y.	Department	Events	Total Students
1	2024-25	Mechanical Engineering	Technical event & 3D printing workshop	66
3		Electrical Engineering	Technical event	28
4		Civil Engineering	Technical event	40
5		Electronics & Computer Science	Technical event & workshop	64
6		Computer Science & Engineering	Technical event	52



  
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**Academic Year 2024-25**  
**Mechanical Engineering Department**



**Name of the Program:** Pratikruti Engineer the future with 3D printing.

**Program driven by:** Tech Manthan 2K25

**Program Type:** Competition

**Program Theme:** Design and 3D Printing

**Start Date:** 08/02/2025

**End Date:** 08/02/2025

**Time:** 10:00AM to 4:00PM

**Venue:** CAD Lab, Mechanical Department at DADSCOE

**Number of students participants:** 40

**Number of Faculty Participants:** 01

**Mode of Session delivery:** offline

#### **Overview**

#### **Objectives of this Program:**

1. **Design Optimization** - Utilize 3D printing to create complex geometries and lightweight structures that are difficult to manufacture using traditional methods.
2. **Rapid Prototyping** - Accelerate the product development cycle by quickly producing prototypes for testing and design validation.
3. **Customization & Flexibility** - Enable the production of customized mechanical components with minimal modifications to the design process.
4. **Cost & Material Efficiency** - Reduce material waste and overall manufacturing costs by using additive manufacturing techniques instead of subtractive processes.

#### **Benefits in terms of Learning/Knowledge obtained**

1. Understanding Additive Manufacturing Principles
2. Improved Design & CAD Skills
3. Material Science & Selection
4. Problem-Solving & Innovation





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**Academic Year 2024-25**  
**Mechanical Engineering Department**

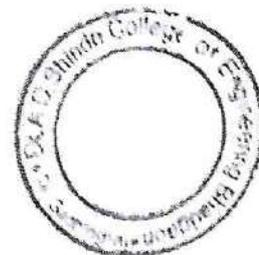


**Presentation of Pratikruti**

**Photograph 1**



**Photograph 2**





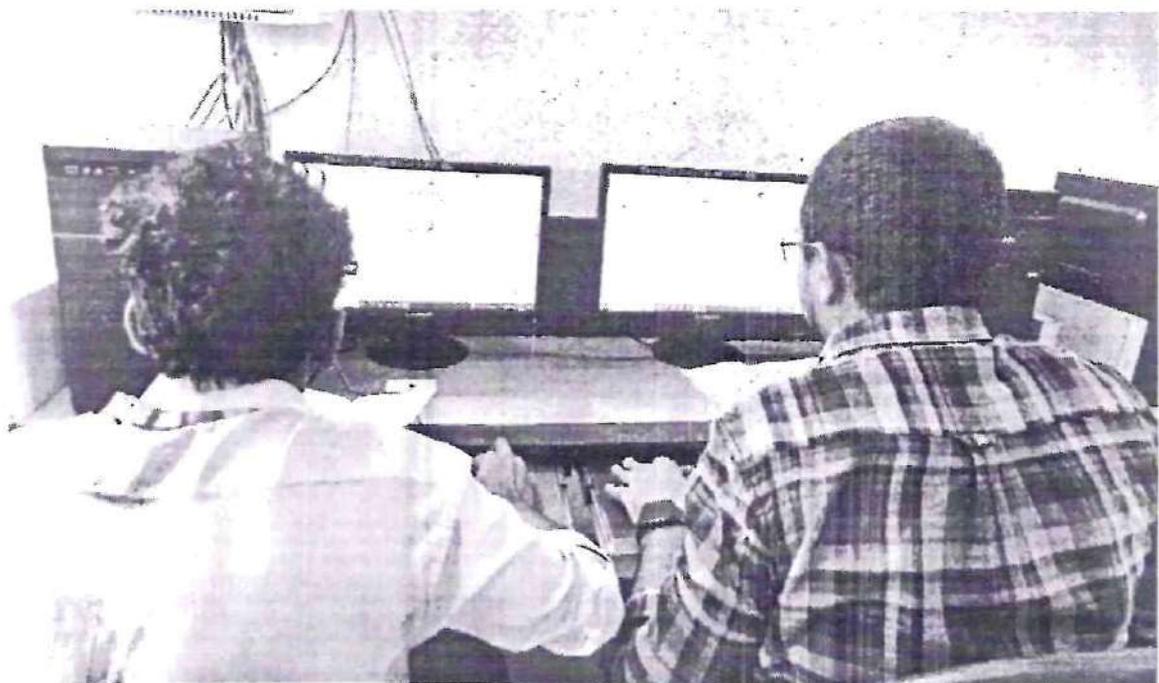
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**Academic Year 2024-25**  
**Mechanical Engineering Department**



Photograph 3



Photograph 4



	<p>Dinkarrao K. Shinde Smarak Trusts <b>DR. A. D. SHINDE COLLEGE OF ENGINEERING.</b> Bhadgaon, Gadhinglaj, Dist: Kolhapur Pin:416502 <b>Academic Year 2024-25</b> <b>Mechanical Engineering Department</b></p>	
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## **Result:**

**Rank 1 – Avinash Rajesndra Hodage.**

**Rank 2 - Aniket Krushnat Belekar.**

**Rank 3 – Niteesh Dashrath Jadhav.**





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**Academic Year 2024-25**  
**Mechanical Engineering Department**



Name of the activity: Pratikruti - Engineer the future with 3D printing.

Judge :- I. Asst. Prof. A. S. Bhoi  
Asst. Prof. DADSCOE.

Platform: Offline

Overall report of the activity:

The "Pratikruti - Engineer the future with 3D printing." was held on 08/03/2025, at the CAD Lab, Mechanical Department at DADSCOE, Bhadgaon. This competition organized by mechanical engineering department. It was aimed at a design and 3D printing play a crucial role in modern manufacturing by enabling rapid prototyping and production of complex components. Using CAD software, engineers create detailed digital models optimized for additive manufacturing. 3D printing allows for reduced material waste, cost savings, and faster development cycles. Various materials, including plastics and metals, are used to produce strong and functional parts. This technology enhances innovation, customization, and efficiency in mechanical engineering applications.

Program Co-Ordinator

HOD

Principal

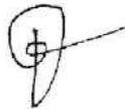


**Faculty Members:-**

- 1. Mr. Aniruddha Subhashrao Bhoi



**Program Co-Ordinator**



**HOD**



**Principal**





Dinkarrao K. Shinde Smarak Trusts

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

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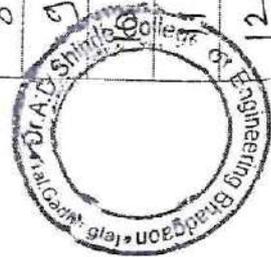
Academic Year 2024-25



### Registration Form

#### TECH MANTHAN 2K25

Sr. No.	Name of Participant	Name of College	Contact Number	Receipt Number	Sign
1.	Aniket K. Belekar	Dr. A. D. Shinde COE	9834031433	951	
2.	Avinash R. Hodage	Dr. A. D. Shinde COE	8600734761	952	
3.	Vinayak M. Dhuri	"	8800663442	953	
4.	Niteesh D. Jadhav	"	8552863425	954	
5.	Kiran S. Mohite	"	7385858382	955	
6.	Pratiksha D. Suryawanshi	"	7666115280	956	
7.	Rutuja R. Patil	"	7262951918	957	
8.	Tejashri T. Devadkar	"	9503400784	958	
9.	Omkar S. Jadhav	"	9096922850	959	
10.	Abhishek A. Majage	SJPN, Nidsoshi	8494825001	960	
11.	Shweta S. Patil	Dr. A. D. Shinde COE	7499407273	961	
12.	Mahmadgaus Mhamiche	"	9130101947	962	
13.	Rahul S. Patil	"	7888124278	963	
14.	Vinod Patil	"	9595791422	639	
15.	Sameer. Aswale	"	8329484550	964	





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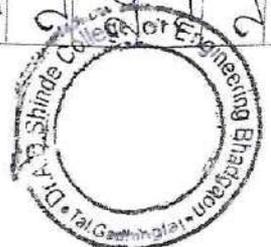
**Academic Year 2024-25**



**Registration Form**

**TECH MANTHAN 2K25**

Sr. No.	Name of Participant	Name of College	Contact Number	Receipt Number	Sign
16.	Aditya Sabokhe	D.A. D. Shinde COE	8830104838	RD: 1011293504375	
17.	Akshay Patil	"	9822-781443	RD: 506751668438	
18.	Rushikesh Raut	"	9970803020	RD: 506658852751	
19.	Atamnad Gavali	"	9665096306	968	
20.	Masuti Powar	"	9637240516	969	
21.	Vishwajeet Sutar	"	9623815138	870-971	
22.	Gautam Bhakari	"	7820876621	972	
23.	Sahil Patil	"	9112736162	973-973	
24.	Rekha Patil	"	9765699327	974	
25.	Drakshayami Kesarkar	"	7083688755	975	
26.	Rohit Nikam	"	9767123075	976	
27.	Basuvaraj Kambale	"	9220308006	977	
28.	Santosh Sutar	"	8669143908	970	
29.	Shreyesh Lahar	"	8614390869	978	
30.	AKASH TELLI	"	7387957115	979	



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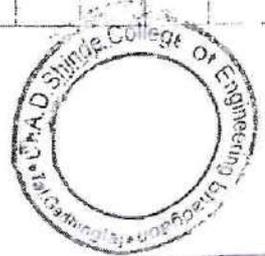
**Academic Year 2024-25**



**Registration Form**

**TECH MANTHAN 2K25**

Sr. No.	Name of Participant	Name of College	Contact Number	Receipt Number	Sign
31	Mr. Santosh Sutar	ADSC	8888427292	ID: 543055500948	Sutar.
32	Poonthiraj Ghoshale	-11-	7022153172	980	Ghoshale
33.	Kabare Tushar	-11-	8975340658	981	T.S.Kabare
34.	Fatil Rogesh Namdev	-11-	8888200452	982	Fatil Rogesh
35.	Waghe Dnyaneshwar	-11-	8806524627	983	D.Waghe
36.	Shinde Ruturaj	-11-	9763712595	984	Shinde
37.	Chougule Shivraj	-11-	9665363340	985	Chougule
38.	Gundap Vishal	-11-	7349504978	986	V.V.G.
39.	Kamble Adinath	-11-	9689828381	987	Kamble
40.	Mane Vaibhav V.	-11-	9096917485	988	Mane





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Bhadgaon, Gadhinglaj. Dist.: Kolhapur Pin: 416502

**Academic Year 2024-25**



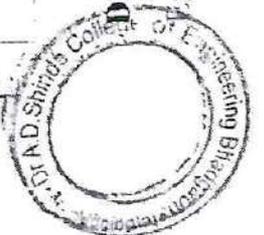
Rubrics for Pratikruti

TECH MANTHAN 2K25

Sr. No.	Name of Participant	Category							Total Score
		Technical Proficiency	Dimensional Correctness	Time Management	Software Process Knowledge	Making 3D Model			
1.	Abhishek Morage	-	-	-	-	-	-	-	-
2.	Mahmodgaus Mhamuche	01	01	-	-	-	-	-	02
3.	Omkar Jadhav	02	01	-	01	-	-	-	03
4.	Samir Aswale	03	02	-	02	-	02	-	07
6.	Kiran Mohite	03	03	1:10min	02	-	02	-	08
7.	Aniket Belekar	05	05	(42min) 03	04	05	04	05	22
8.	Avinash Hodge	05	05	(37min) 04	05	05	05	05	24

2<sup>nd</sup>

1<sup>st</sup>



**Distribution of Marks**

Excellent ( 5 Marks ) Good ( 4 Marks ) Fair ( 3 Marks ) Moderate ( 2 Marks ) Need Improvement ( 1 Marks )



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# WORKSHOP ON 3D PRINTING I AM 3D

Mr/Miss Nikhil Suresh Rane of class final year  
from Department of Mechanical Engineering.

Has participated in the workshop on 3D printing-I AM 3D workshop  
held on dated 09\10\2024 to 10\10\2024.

**DR. D.V. GHEWADE**  
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DADSCOE

**VISHWAJEET KHADE**  
Co-founder  
RNT ROBOTICS

**PRATIK PAWAR**  
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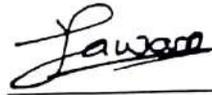
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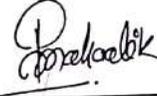
Mr/Miss Dipak Balaso Sonale of class Final year  
from Department of mechanical engineering

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Mr/Miss sonusaurav ashokumar singh of class Final year  
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Mr/Miss Pratiksha Dhondiram Suryavanshi of class final year  
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Mr/Miss shweta Subhash Patil of class final year.  
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Mr/Miss Rutuja Ravindra Patil of class final year  
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Mr/Miss Dinayak pandurang Kamble of class Final year  
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Mr/Miss Akshay Vasant patil of class Final year  
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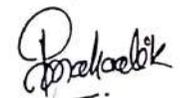
Mr/Miss Kiran shivaji Mohite of class final year  
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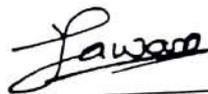
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Mr/Miss Pravin Shivgonda Desai of class final year  
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Mr/Miss Aswale Samir Prabhakar of class Final year  
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# WORKSHOP ON 3D PRINTING I AM 3D

Mr/Miss Atamanand Ramesh Gavali of class Third year  
from Department of Mechanical Engineering

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Mr/Miss Aniket Ashok swami of class Third year  
from Department of mechanical Engineering

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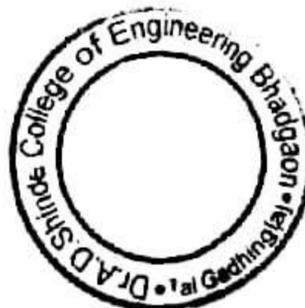
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**Academic Year 2023-24**



## Tech Manthan Events- 2K25

Sl.No	Branch	Events
1	Electrical Engineering	Anveshan
2	All Branch	Paper Presentation (Group A)
3	All Branch	Poster Presentation
4	Civil Engineering	Surveykshanam
5	Computer Science Engineering	Kaushalam
6	Electronics and Computer Science	Pravahini
7	Mechanical Engineering	Pratikruti





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**Academic Year 2024-25**

**Institution's Innovation Council**



**Name of the Program:** Anveshan (Wrong Electrical Circuit is to be find within given time.)

**Program Type:** Competition

**Program Theme:**

**Start Date:** 08/03/2025

**End Date:** 08/03/2025

**Time:** 10:00AM to 4:00PM

**Venue:** DC Machin & Transformer lab at DADSCOE

**Number of students participants:** 21 groups (Maximu 2 Participants)

**Number of Faculty Participants:**5

**Mode of Session delivery:** offline

**Overview**

**Objectives of the Wrong Electrical Circuit:**

**1.Ensure Safety:**

Prevent hazards such as electrical shocks, fires, or equipment damage.

**2.Prevent Overloading:**

Avoid circuits being overloaded, leading to overheating or tripping of breakers.

**3. Maximize Efficiency:**

Improve the performance and longevity of the electrical system.

**4. Provide Proper Functionality:**

Ensure that all devices or appliances connected to the circuit work as expected.





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**Academic Year 2024-25**

**Institution's Innovation Council**



## Benefits in terms of Learning/Knowledge obtained

### 1. Cost-Cutting in the Short-Term:

In some cases, a wrong electrical circuit may be cheaper to install initially because it may skip important safety features (like proper grounding, adequate wire sizes, or circuit breakers).

### 2. Improper Quick Fixes (Temporary Solutions):

In emergency or time-sensitive situations, someone might create a "wrong" circuit as a temporary measure to restore power or functionality quickly, without proper planning

### 3. Bypassing Electrical Code for Expedience:

Some may attempt to bypass certain codes or standards to meet immediate needs, which might make sense for a quick, temporary project.

### 4. More Power to Specific Components:

An improperly designed circuit could sometimes deliver more power than intended to certain components (even if this is unintended), especially if the wiring is oversized or the circuit lacks protective devices like fuses.

### 5. Increased Risk Taking (In Certain Situations):

In some high-risk or dangerous industries, people may design "wrong" electrical circuits to take more risks in terms of experimental setups or unique custom jobs.





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**Academic Year 2024-25**  
**Institution's Innovation Council**



**Photograph 1:**



**Photograph 2:**





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**Photograph 3:**



**Photograph 4:**





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**DR. A. D. SHINDE COLLEGE OF ENGINEERING, BHADGAON**  
Department of Electrical Engineering  
Tech Manthan 2K25 Event "**Anveshan**"

**Result**

Rank	Student Name	College Name
I	Shravan S. Patil	DADSCOE, Bhadgoan
II	Mahiyuddin Yamakanmardi & Ganesh Sawant	SGMCOE, Mahagoan
	Prakash S. Palkar & Uday Desai	DADSIOT, Bhadgoan
III	Piyush S. Borkar & Satyajit Adamane	D.Y. Patil college of Engg. Talasande

  
Internal Co-Ordinator  
(Dr. V. G. Mathad)

  
Event Co-Ordinator  
(Prof. A.S. Borganve)





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**Name of the activity:** Anveshan (Wrong Electrical Circuit is to be find within given time.)

**Judge: -**

1. Dr. Vireshkumar Mathad
2. Basavaraj Angadi

**Platform:** Offline

**Overall report of the activity:**

The " Wrong Electrical Circuit is to be find within given time" was successfully conducted on 08th March 2025 at the DC Machin & Transformer lab, DADSCOE. Dr.A.D.Shinde College of Engineering (DADSCOE), Bhadgaon. The event was organized in collaboration with the Institution's Innovation Council (IIC) to promote innovative thinking and research-based learning among students.

The Wrong Electrical Circuit was conducted successfully with active participation from students of various departments The primary objective of the activity was to identify the wrong electrical circuit within a set timeframe. Participants were given a set of electrical circuits, and the task was to analyze and find the incorrect circuit.

**Program Co-Ordinator**

**HOD**



**Principal**



Dinkarrao K. Shinde Smarak Trusts

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

Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502

**Academic Year 2024-25**

**Institution's Innovation Council**



Department of Electrical Engineering

"Anveshan"

Participants Result of 3<sup>rd</sup> Round

Time: 10 min

Group No.	Name of the Students	Name of the College	No. of faults identified	Remarks
1.	Garvit M. Sawant Mehyuddin Y	SQM COE	07	Promoted to next round
2.	Pranita K Ruchita Patil	SQM COE	01	Disqualified
3.	Sanchit S. Nataraj Prakash K	SQM RP	02	Promoted to next round
4.	Prakash Patkar Uday Desai	DADS JOT	03	Promoted to next round
5.	Arman Shakti	DADS EOT	00	Disqualified
6.	Pratik Vatham Harshad more	SSPN vidyarthi	03	Promoted to next round
7.	Shrovan S patil	DADS COE	02	Promoted to next round
8.	Adity Bhise Sagar Pradha	DADS COE	03	Promoted to next round
9.	Aniket Ayan Vinday katwar	DADS COE	02	Promoted to next round
10.	Jyotiba Bhat Ritesh Vadar	DADS JOT	03	Promoted to next round

Swarni Chougale







Dinkarrao K. Shinde Smarak Trusts  
**DR. A. D. SHINDE COLLEGE OF ENGINEERING.**  
Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502  
**Academic Year 2024-25**  
**Institution's Innovation Council**



**Faculty Members: -**

1. Dr. Vireshkumar Mathad
2. Abhijit Borganve
3. Basavaraj Angadi
4. Amar Bandekar
5. Akshay Kore

**Program Co-Ordinator**

**HOD**

**Principal**





Dinkarrao K. Shinde Smarak Trust's

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

Guddai, A/p. Bhadgaon, Tal. Gadginglaj, Dist. Kolhapur - 416502



**Tech Manthan 2K25**

**CERTIFICATE**



This Certificate is Proudly Awarded to

Mr./Ms./Mrs./Shrimati Sagar G Pradhari

Student of Dr. A. D. Shinde college of Engg for securing

1<sup>st</sup>/2<sup>nd</sup>/3<sup>rd</sup> Participated in the event Avesham Conducted

at the **National Level Technical Festival Tech Manthan 2K25** organised on

07<sup>th</sup> & 8<sup>th</sup> March 2025 at our Institute.

(Chief Co-ordinator)

Dr. D. V. Ghewade

(Principal)

Mrs. Swati M. Kori

(Secretary, DKSST)





Dinkarrao K. Shinde Smarak Trust's

# DR. A. D. SHINDE COLLEGE OF ENGINEERING

Guddai, A/p. Bhadgaon, Tal. Gadhinglaj, Dist. Kolhapur - 416502



## Tech Manthan 2K25

### CERTIFICATE



This Certificate is Proudly Awarded to

Mr./Mrs./Shrimati Vinay A. Katarware

Student of Dr. A. D. Shinde college of Engg for securing

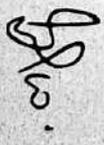
1<sup>st</sup>/2<sup>nd</sup>/3<sup>rd</sup> Participated in the event Anveshan Conducted

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07<sup>th</sup> & 8<sup>th</sup> March 2025 at our Institute.

  
(Chief Coordinator)

  
Dr. D. V. Ghewade  
(Principal)

  
Mrs. Swati M. Kori  
(Secretary, DKSST)





Dinkarrao K. Shinde Smarak Trusts

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

Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502

**Academic Year 2024-25**

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**Name of the Program:** SURVEYKSHANAM Exploring is fun...

**Program driven by:** Tech Manthan 2K25

**Program Type:** Competition

**Program Theme:** Surveying Instruments and Fundamentals

**Start Date:** 08/02/2025

**End Date:** 08/02/2025

**Time:** 10:00AM to 4:00PM

**Venue:** Play ground Dr.A.D.Shinde College of Engineering Bhadgaon

**Number of students participants:**

40

**Mode of Session delivery:** Offline

**Overview**

**Objectives of this Program:**

The Department of Civil Engineering of **Dr.A.D.Shinde College of Engineering Bhadgaon** successfully organized a technical event on **SURVEYKSHANAM** aimed at enhancing the practical knowledge of students in modern surveying methods and its practical application.

**Benefits in terms of Learning/Knowledge obtained**

The primary objective of this event was to:

- Provide hands-on experience with **modern surveying equipment** such as Auto Level , Digital Theodolites.
- Enhance students' understanding of **surveying principles** and their real-world applications.
- Foster a **competitive spirit** and encourage **innovative problem-solving** in the field of surveying.





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**Institution's Innovation Council**



## Glimpses of the event SURVEYKSHANAM. EXPLORING IS FUN....

Photograph 1



Photograph 2





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**DR. A. D. SHINDE COLLEGE OF ENGINEERING.**  
Bhadgaon, Gadhinglaj, Dist: Kolhapur Pin:416502  
**Academic Year 2024-25**  
**Institution's Innovation Council**



Photograph 3





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 Bhadgaon, Gadhinglaj, Dist: Kolhapur Pin:416502  
**Academic Year 2024-25**



### TECH-MANTHAN 2K25

#### Registration of "Surveykshanam"

(Department of Civil Engineering)

Sr. No	Receipt No.	Participant Name	College Name	Email	Contact Number	Payment Status	Signature
1	671	Suyash Dattatray Monde	ICRE	suyashmonde48@gmail.com	75709975	Cash	
2	672	Viraj vijay Dhekale	ICRE	virajdhekale115@gmail.com	876765857	Cash	
3	673	Abhishek sunil Mangale	ICRE	abhishekmangale6153@gmail.com	917540348	Cash	
4	674	Nikhil Nishikant Patil	SGMCOE	nikhillpatil0526@gmail.com	9860894011	PYS online	
5	675	Sarvesh Santosh Sawant	SGMCOE	sarvesh.sawant02@gmail.com	9860894011	online	
6	676	Rohit Khairnarath Misal	SGMCOE	RohitMisal006@gmail.com	7972717342	Online	
7	677	Sonika sunil More	A.D. Shinde	sonikamore1005@gmail.com	8275608539	Cash	





Dinkarrao K. Shinde Smarak Trusts  
**DR. A. D. SHINDE COLLEGE OF ENGINEERING.**  
Bhadgaon, Gadhinglaj, Dist: Kolhapur Pin:416502  
**Academic Year 2024-25**  
**Institution's Innovation Council**



Sl. No.	Receipt No.	Participant Name	College Name	Email	Contact Number	Payment Status	Signature
8	679	Rashmi Manohar Tadkar	Dr. A. D. Shinde	fedkarrashmi1@gmail.com	7083429321	Cash	Rashmi
9	679	Sagar Suresh Hunchale	SDPI Trust POLYTE- CIVIL, NITASOSHI	sagrhunchale19@gmail.com	805534554	Cash	Sagar
10	680	Kartik Suresh Mopkar		kartikmopkar005@gmail.com	914814744	Cash	K. S. Mopkar
11	681	Ashraf I. Mulla		ashmulla180@gmail.com	8867469513	Cash	Ashraf
12	684	Anand B. Naik		naikarand2070@gmail.com	7975768642	Online	Anand
13	682	Aditya M. Madhupri		MadhupriAditya36@gmail.com	7892419705	Online	Aditya
14	683	Ashokraj Madhupri		LokayyamaMadhupri8277@gmail.com	7975264852	Online	Ashokraj
15	685	Basavaraj Kuvani		BasavarajKuvani8770@gmail.com	8050764420	Cash	Basavaraj
16	686	Mallikarjun Hunachya		MallikarjunHunachya@gmail.com	9626467387	Cash	Mallikarjun
17	687	Tanmay Vinayadonra		TanmayVinayadonra@gmail.com	9716077428	Cash	T.V.





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

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**Academic Year 2024-25**

**Institution's Innovation Council**



Sr. No	Receipt No.	Participant Name	College Name	Email	Contact Number	Payment Status	Signature
18		Maheshanand M Panoni	A.D.Shinde College of Eng	Maheshanand Panoni@gmail.com	9675340895	Online CB	
19		Abhiraj A. Patil	" "	Abhiraj.Patil7675@gmail.com	9272047224	Online CB	
20	688	Shrinivas M. Latokar	A.D.Shinde College of Eng	Shrinivas1200@gmail.com	8151941190	cash	
21	689	Shravankumar A. Kamble	A. D. Shinde	Shravankamble184@gmail.com	8669546693	RIS Online	
22	690	Suyash V. Makashi	A. D. Shinde	8050Suyashmakashi@gmail.com	7767958050	RIS online	
23	691	Aarjan V. Nikam	AD shinde	aarjanvnikam105@gmail.com	9591160901	RIS online	
24	692	Pawan P. Khankar	AD shinde	PawanKhankar7535@gmail.com	7620976077	online	
25	693	Adarsh V. Khade	A. D. Shinde	adarshkhade2210@gmail.com	8421007210	RE online	
26		Ketan Patil	A. D. Shinde			CB online	
27		Indrakesh R. Chopade	DADSCOE			CB online	





Dinkarrao K. Shinde Smarak Trusts  
**DR. A. D. SHINDE COLLEGE OF ENGINEERING.**  
Bhadgaon, Gadhinglaj, Dist: Kolhapur Pin:416502  
**Academic Year 2024-25**  
**Institution's Innovation Council**



Sr. No.	Receipt No.	Participant Name	College Name	Email	Contact Number	Payment Status	Signature
28		Shrinish Lohar	DADSCOE	loharshrinish123@	9448265451	cg online	
29		Ajinkya A. Desai	DADSCOE	DesaiAjinkya43@gmail.com	9921359977	cg online	
30	693	KIRAN K. NIKAM	DADSCOE	nikamkirans@Gmail.com	9309149494	Cash.	
31	694*	Avinash Bhasate	DADSCOE	avinashbhasate198@gmail.com	9066960696	cg online	
32	695*	Vaishvi Bhat N	DADSCOE	bhat.vaishvi@gmail.com	900191142	cg online	
33	696*	Chavan Santosh Bhraj	DADSCOE	santoshchavanb@	9673059460	cg online	
34	697*	Manasi Manasi Tril	DADSCOE	manasimanasiwadga@	9921359977	cg online	
35	698*	Shende Vipas	DADSCOE	vipasshende@gmail.com	9075305509	cg online	
36	699*	Jadhav Vijayhimala	DADSCOE	vijayhimalajadhav@gmail.com	9545219769	cg online	
37	700*	Ramble Harish	DADSCOE	harishramble@gmail.com	8956060244	cg online	







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**DR. A. D. SHINDE COLLEGE OF ENGINEERING.**  
Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502  
**Academic Year 2024-25**  
**Institution's Innovation Council**



## Winners and Prizes

After a rigorous evaluation by the panel of judges, the following students emerged as winners:

Position	Winner(s) Name	College/Institution	Prize Amount
1 <sup>st</sup> Place	Mr.Nikhil Nishikant Patil Mr.Sarvesh Santosh Sawant Mr.Rohit Bhairavnath Misal	SGM COE Mahagoan	₹ 5000
2 <sup>nd</sup> Place	Mr.Suyash Dattatray Mande Mr.Viraj Vijay Dhekal Mr.Abhishek Sunil Mangale	ICRE Gargoti	₹ 4000
3 <sup>rd</sup> Place	Mr.Sanika Sunil More Mr.Rashmi Maruti Todkar Mr.Shrinivas Mahavir Latkar	DADSCOE Bhadgaon	₹ 3000

All participants received **certificates of participation**, and the winners were awarded **cash prizes and trophies**.

Name of the JUDGE: Prof: Akash Kamble(Lecturer in Dr. A.D.Shinde Institute of Engineering & Technology, Bhadgaon & Prof : Amit S Madakari HoD DADSCOE

### Conclusion

The technical event on SURVEYKSHANAM proved to be an enlightening experience, bridging the gap between **theory and practical applications**. The Department of Civil Engineering looks forward to organizing more such events to promote **technical excellence** and **industry readiness** among students.

  
Prof: Suraj R Wadagule  
Program Co-Ordinator

  
Prof: Amit S Madakari  
HOD

  
Dr. D. D. Ghewade  
Principal





Dinkarrao K. Shinde Smarak Trusts  
**DR. A. D. SHINDE COLLEGE OF ENGINEERING.**  
 Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502  
**Academic Year 2024-25**  
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Dinkarrao K. Shinde Smarak Trust's  
**Dr. A. D. SHINDE COLLEGE OF ENGINEERING**  
 Guddai, A/p. Bhadgaon, Tal. Gadhinglaj, Dist. Kolhapur - 416502



**Tech Manthan 2K25**



**CERTIFICATE**

This Certificate is Proudly Awarded to

Mr./Ms./Mrs./Shrimati Rashmi Maruti Toadkar

Student of Dr. A. D. Shinde College of Engg for securing

1<sup>st</sup>/2<sup>nd</sup>/3<sup>rd</sup> Participated in the event Sarvekshanam Conducted

at the National Level Technical Festival Tech Manthan 2K25 organised on

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(Chief Coordinator)

Dr. D. V. Ghewade  
 (Principal)

Mrs. Sagar





Dinkarrao K. Shinde Smarak Trusts

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

Bhadgaon, Gadhinglaj, Dist: Kolhapur Pin:416502

**TECHMANTHAN**

**2024-25**

**Department of Civil Engineering**



The following is the list of winners after rigorous analysis of the observations and viva voce

Position	Winner(s) Name	College/Institution	Prize Amount
1st Place	Mr.Nikhil Nishikant Patil Mr.Sarvesh Santosh Sawant Mr.Rohit Bhairavnath Misal	SGM COE Mahagoan	₹ 5000
2nd Place	Mr.Suyash Dattatray Mande Mr.Viraj Vijay Dhekal Mr.Abhishek Sunil Mangale	ICRE Gargoti	₹ 4000
3rd Place	Mr.Sanika Sunil More Mr.Rashmi Maruti Todkar Mr.Shrinivas Mahavir Latkar	DADSCOE Bhadgaon	₹ 3000

Prof: Suraj R Wadagule

Event Co-ordinator

Prof: Amit S Madakari  
HOD

Dept. of ~~ROD~~ Engineering  
Dr.A.D Shinde College of Engineering  
A/2, Bhadgaon, Gadhinglaj





Dinkarrao K. Shinde Smarak Trusts  
**DR.A. D. SHINDE COLLEGE OF ENGINEERING.**  
Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502  
Academic Year 2024-25



### TECH-MANTHAN 2K25

#### Registration of "Surveykshanam"

(Department of Civil Engineering)

Sr. No.	Receipt No.	Participant Name	College Name	Email	Contact Number	Payment Status	Signature
1	671	Suyash Dattatray More	ICRE	Suyashmore48@gmail.com	7517091975	Cash	
2	672	Viraj vijay Phekale	ICRE	virajphekale115@gmail.com	8767658522	Cash	
3	673	Abhishek sumil Mangale	ICRE	abhishekmangale6153@gmail.com	9175403148	Cash	
4	674	Nikhil Nishikant Patil	SGMCOE	Nikhilpatil0526@gmail.com	9860894011	RVS online	
5	675	Sarvesh Santosh Sawant	SGMCOE	Sarveshsawant02@gmail.com	9860894011	online	
6	676	Rohit Bhoiravath Misal	SGMCOE	RohitMisal02@gmail.com	7972717952	Online	
7	677	Sanika sunil More	A.D. Shinde	Sanikamore1006@gmail.com	8275605599	Cash	





Sr. No.	Receipt No.	Participant Name	College Name	Email	Contact Number	Payment Status	Signature
8	678	Rashmi Manuti Traktar	Dr A D. Chaudhary	ashkarnishuni1@gmail.com	7083429321	Cash	Rashmi
9	679	Sagar Suresh Hunchale	SJPN Trust POLITE-CHNIC, NERASHTI	sagarhunchale19@gmail.com	809584554	Cash	Sagar
10	680	Kartik Suresh Magadum		kartikmagadum005@gmail.com	9148114744	Cash	K.S. Magadum
11	681	Ashraf. I. Mulla		ashmulla190@gmail.com	8867469373	Cash	Ashraf
12	684	Anand. B. Naik		naiknand2070@gmail.com	7975768642	Online	AN
13	682	Aditya. M. Motthapoti		MotthapotiAditya26@gmail.com	7892419705	Online	Aditya
14	683	Chaitanya. M. Motthapoti		Lokayya Motthapoti2277@gmail.com	7975264883	Online	Chaitanya
15	685	Basavaraj. Kuvani		BasavarajKuvani8770@gmail.com	8050766420	Cash	Basavaraj
16	686	Malikhusun. Hunachya		malikhusunh2006@gmail.com	9686967387	Cash	Malikhusun
17	687	Tanmay. G. Vasadani		Tanmay Vasadani - a van 562@gmail.com	7160774208	Cash	T.G.V

17/11

Sr. No.	Receipt No.	Participant Name	College Name	Email	Contact Number	Payment Status	Signature
18		Mateshanand M Pawar	A.D. Shinde College of Engg	Mateshanand Pawar@gmail.com	9673340899	Online Cig	
19		Abhiraj A. Patil	" "	Abhiraj Patil 7675 @gmail.com	9272047224	Online Cig	
20	688	Shrinivas M. Latkar	A.D. Shinde College of Engg	shrinivas2000@gmail.com	8151747190	cash	
21	689	Shravan Kumar A. Kamble	A. D. Shinde	Shravan kamble 184 @gmail.com	8669546693	RVS Online	
22	690	Suyash V. Makashi	A. D. Shinde	80505uyashmakashi @gmail.com	7767958050	RVS online	
23	691	Aarjan V. Nikam	AN shinde	aarjanvnikam105 @gmail.com	9591160907	RVS online	
24	692	Pawan P. Khandekar	AD shinde	Pawan khandekar 7595 @gmail.com	7620974077	online	
25	693	Aakash V. Khade	A. D. Shinde	akash khade 7210 @gmail.com	8421007210	PA online	
26		Ketan Patil	A.D. Shinde			Cig online	
27		Indrakumar R. Chopade	DADSCOPE			Cig online	

Sr. No.	Receipt No.	Participant Name	College Name	Email	Contact Number	Payment Status	Signature
28		Shirish Lohar	DADSCOE	lohanshish123@	9448268451	cbg online.	
29		Ajinkya A. Desai	DADSCOE	DesaiAjinty418@gmail.com	992135977	cbg online	
30	693	KIRAN K. NIKEM	DADSCOE	nikam 5009@gmail.com	9309149494	Cash.	
31	694*	Avinash Bhasade	DADSCOE	avinashbhasade192@gmail.com	9056960696	cbg online.	
32	695*	Vaishnvi Bhat N	DADSCOE	bhat.vaishnvi@gmail.com	902191142	cbg online	
33	696*	chovan santosh pharaji	DADSCOE	santoshpharaj10@	9673059480	cbg online	
34	697*	Madhwad manasi Anil	DADSCOE	manasi.madhwad198@	9921359977	cbg online	
35	698*	Shende Vikas	DADSCOE	vitasshende@gmail.com	907530509	cbg online	
36	699*	Jadhav Vijaytinata	DADSCOE	vijaytinatajadhav@gmail.com	9545219769	cbg online	
37	700*	Ramble Harish	DADSCOE	harishramble@gmail.com	8956060244	cbg online	







Dinkarrao K. Shinde Smarak Trust's

Dr. A. D. SHINDE COLLEGE OF ENGINEERING,  
GADHINGLAJ, (BHADGAON)



LIC

PROFORMA-C

“POINT NO. 35”

DEPARTMENT OF ELECTRONICS AND  
COMPUTER SCIENCE

POINT NAME:

Student's Participation in Technical Events



Dinkarrao K. Shinde Smarak Trust's

**DR. A.D. SHINDE**

COLLEGE OF ENGINEERING

Gadhinglaj A/ P: Bhadgaon, Tal- Gadhinglaj, Dist- Kolhapur

**Department of Electronics & Computer Science  
Students Participation in Technical Event**

Sr. No	Details of Events	Students Name
1	Poster presentation in Tech-Manthan	Prajjwal Chougule Samruddhi Ingavale
2	Circuit building in Tech-Manthan DADSCOE, Bhadgaon	Diksha Sutar Shubhangi Karval Sweta Hodage Nikita Waingade Omkar Patil Pramod Patil Sarvesh Desai Sahil Horambale Vrushali Divate
3	Mini Project Competition	Avdhut Aapate Nikhil Mughalihalkar Prajjwal Chougule Tejaswini Patil Khushi Kambale Ankita Kharade Saniya Jagdale MOTURE MANALI PARASHARAM PATIL SANDESH UTTAM PADEKAR RUTUJA CHANDRAKANT DORUGADE ASHWINI PIRAJI KAVITKAR SHUBHAM VITTHAL KOLUGADE HARSHVARDHAN B PATIL ANKITA ANANT MOTURE MANALI PARASHARAM PATIL SANDESH UTTAM PADEKAR RUTUJA



		CHANDRAKANT
		DORUGADE ASHWINI PIRAJI
		KAVITKAR SHUBHAM VITTHAL
		KOLUGADE HARSHVARDHAN B
		KHAIRMODE RAVIKIRAN RAJENDRA
4	Workshop on IOT	DORUGADE ASHWINI PIRAJI
		KAVITKAR SHUBHAM VITTHAL
		KOLUGADE HARSHVARDHAN B
		KHAIRMODE RAVIKIRAN RAJENDRA
		JATHAR SAKSHI MANSING
		INGAWALE SAMRUDDHI SAKHARAM
		GODASE KARUNA TUKARAM
		JAGADALE SANIYA BHIKAJI
		KHARADE VAISHNAVI B KHARADE ANKITA RANJIT
		PATIL SAKSHI ANIL
		MULLA AFTAB MEHABUB
		PATIL TEJASWINI TANAJI
		MUJGONDA SHIVANAND MANOHAR
		SWAROOP P JADHAV
		MALAMKAR VAISHNAVI KISHOR
		KAMBLE KHUSHI UTTAM
		PATIL PRATHAMESH PANDURANG
		MUNGURKAR DTTATRAY ASHOK
		VISHWAJIT MANASING SALUNKHE
		MOTURE MANALI PARASHARAM
		PATIL SANDESH UTTAM
		PADEKAR RUTUJA CHANDRAKANT
		DORUGADE ASHWINI PIRAJI
		KAVITKAR SHUBHAM VITTHAL
		KOLUGADE



		HARSHVARDHAN B
		PATIL ANKITA ANANT
		PATIL SUSMITA SHAMRAO
		POWAR YUVRAJ DHANAJI
		MORE NIRANJAN SHIVAJI
		PATIL DNYANESHVARI DILIP
		MATALE GAUTAMI ARJUN
		APATE AVADHUT APPASAHEB
		CHOUGULE PRAJJWAL PRAKASH



*P. Sand*  
HOD  
Electronics & Computer Science  
Dr. A. D. Shinde College of Engineering  
A/P. Bhadgaon, Tal. Gadhinglaj

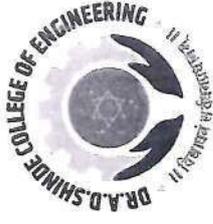


Dinkarrao K Shinde Smarak Trust, Gadhinglaj

# Dr. A. D SHINDE COLLEGE OF ENGINEERING

A/p:Bhadgaon, Tal: Gadhinglaj, Dist:Kolhapur Maharashtra-416502

Accredited by NAAC B+



## CERTIFICATE

This is to Certify that

Mr./ Miss. Shivanand Manohar Mujgonda class T.Y

from Department of Electronics & Computer science  
has participated in Electrical Design, Estimation & Costing of Electrical Wiring System workshop

held on dated 24/06/2024 to 29/06/2024.

Coordinator



HOD

PRINCIPAL

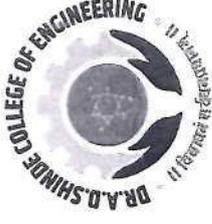


Dinkarrao K Shinde Smarak Trust, Gadhinglaj

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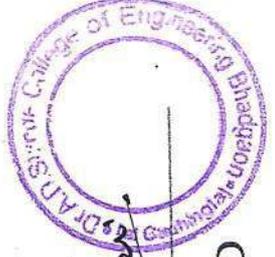
This is to Certify that

Mr./ M<sup>ss</sup>. Ravikiran Rajendra Khairmode class T.Y  
from Department of Electronics & computer Science

has participated in Electrical Design, Estimation & Costing of Electrical Wiring System workshop  
held on dated 24/06/2024 to 29/06/2024.

Coordinator

HOD



PRINCIPAL

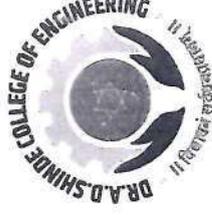


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Coordinator

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# CERTIFICATE OF COMPLETION

This is to certify that

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Has successfully completed

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(C.E.O.)**

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**Mr. Pratik Pawar  
(Director)  
RnT ROBOTICS PVT. LTD.**



# CERTIFICATE OF COMPLETION

This is to certify that

*Manali Parasharam Moture*

Has successfully completed

**TWO WEEK INTERNSHIP PROGRAMME IN  
INTERNET OF THINGS**



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(C.E.O.)**

**SIDDHAM INNOVATION AND BUSINESS INCUBATION CENTER**



**Mr. Pratik Pawar  
(Director)  
RnT ROBOTICS PVT.LTD.**



# CERTIFICATE OF COMPLETION

This is to certify that

*Jejaswini Jangji Patil*

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**TWO WEEK INTERNSHIP PROGRAMME IN  
INTERNET OF THINGS**



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(C.E.O.)**

**SIDDHAM INNOVATION AND BUSINESS INCUBATION CENTER**



**Mr. Pratik Pawar  
(Director)  
RnT ROBOTICS PVT.LTD.**

# CERTIFICATE OF COMPLETION

This is to certify that

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Has successfully completed

**TWO WEEK INTERNSHIP PROGRAMME IN  
INTERNET OF THINGS**



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(C.E.O.)**

**SIDDHAM INNOVATION AND BUSINESS INCUBATION CENTER**





**Mr. Pratik Pawar  
(Director)  
RnT ROBOTICS PVT.LTD.**



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**DR. A. D. SHINDE COLLEGE OF ENGINEERING,**  
**Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502**



## **Mini Project**

<b>Sr. No</b>	<b>A.Y.</b>	<b>Department</b>	<b>Total Group</b>
1	2024-25	Electronics & Computer Science	18



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



# Dr. A. D. Shide College Of Engineering, Bhadgaon

Department of Electronics & Computer Science.

## Mini Project Group

TY\_B.Tech\_ECS 2024-25

Roll.No	PRN No.	Name	Group No	Sign
4	2022086046	KAVITKAR SHUBHAM VITTEAL	Group 1	<u>Shubham</u> <u>Gayathri</u> <u>Apatis</u>
29	2023078361	MIRAJE MAYUR ARUN		
6	2022086026	PATIL ANKITA ANANT		
13	2023078359	CHOUGULE PRAJWAL PRAKASH	Group 2	<u>Prajwal</u> <u>Yuvraj</u> <u>Utkarsh</u>
8	2023078357	POWAR YUVRAJ DHANAJI		
44	2023078941	KAMBLE KHUSHI UTTAM		
14	2023079612	GAVADE PRACHI PRAKASH	Group 3	<u>Prachi</u> <u>Sanjay</u> <u>SP</u>
31	2023078979	JATHAR SAKSHI MANSING		
20	2023077972	CHOUGALE SAMBHAJI PANDURANG		
21	2023077987	MUGALIHALKAR NIKHIL HUVANI	Group 4	<u>Nikhil</u> <u>Sandeep</u> <u>Harsh</u>
23	2023077976	RAKATADE SANDESH RAJENDRA		
35	2023079604	KHARADE VAISHNAVI B		
30	2023077974	KHAIRMODE RAVIKIRAN RAJENDRA	Group 5	<u>Ravikiran</u> <u>Amol</u> <u>Asper</u>
27	2023080362	PATIL AMOL ARVIND		
56	2023078351	PATIL ASHIWINI SUBARAO		
32	2023077989	INGAWALE SAMRUDDHI SAKHARAM	Group 6	<u>Samruddhi</u> <u>Aravind</u> <u>Neelam</u>
28	2023077948	AMATE RAHUL BASAVARAJ		
43	2023077966	MALAMKAR VAISHNAVI KISHOR		
36	2023077993	KHARADE ANKITA RANJIT	Group 7	<u>Ankita</u> <u>Lea</u> <u>Abhinav</u>
50	2023079565	PATIL LATA SHIVAJI		
53	2023079573	MOHITE AKSHAY BALU		
7	2023079525	PATIL SUSMITA SHAMRAO		
49	2023079523	PATIL SANDESH UTTAM	Group 8	<u>Sandesh</u> <u>Dattatray</u> <u>Ankam</u>
46	2023079561	MUNGURKAR DTTATRAY ASHOK		
26	2023077973	NIKAM ANJALI SAGAR		
41	2023077992	MUJGONDA SHIVANAND MANOHAR	Group 9	<u>Mujgonda</u> <u>Swaroop</u> <u>Dhekolkar</u>
42	2023078985	SWAROOP P JADHAV		
39	2023079056	DHEKOLKAR SWAPNALI B		

33	2023078940	GODASE KARUNA TUKARAM	Group 10	<u>Rok.</u>
22	2023077970	PATIL ROHIT PRATAP		<u>Rohit</u>
15	2023078356	KAMBLE SNEHAL SUDAM		<u>Snehal</u>
48	2023079622	MOTURE MANALI PARASHARAM	Group 11	<u>Mature</u>
1	2022085998	CHAVAN RAJWARDHAN BAJIRAO		<u>Rajwardhan</u>
2	2022086015	CHINDAKE SANKET BANDOPANT		<u>Sanket</u>
3	2022086166	DORUGADE ASHWINI PIRAJI	Group 12	<u>As</u>
34	2023077964	JAGADALE SANIYA BHIKAJI		<u>Jagdale</u>
45	2023079570	PATIL PRATHAMESH PANDURANG		<u>Patil</u>
10	2023078355	PATIL DNYANESHVARI DILIP	Group 13	<u>Patil</u>
5	2022086175	KOLUGADE HARSHVARDHAN B		<u>Harsh</u>
11	2023080553	MATALE GAUTAMI ARJUN		<u>Gautami</u>
40	2023077967	PATIL TEJASWINI TANAJI	Group 14	<u>Patil</u>
9	2023079616	MORE NIRANJAN SHIVAJI		<u>More</u>
16	2023077952	VAIDIKA KRUSHNAT TELI		<u>Vaidika</u>
51	2023083468	PADEKAR RUTUJA CHANDRAKANT	Group 15	<u>Rutu</u>
18	2023077985	CHAVAN AMIT SANJAY		<u>Chavan</u>
25	2023077981	DIVTNKAR SNEHAL SHRIKANT		<u>Divtnkar</u>
38	2023077990	MULLA AFTAB MEHABUB	Group 16	<u>Mulla</u>
17	2023077957	BHALEKAR SAHIL YUVRAJ		<u>Sahil</u>
55	2023079553	ISATHE SHWETA SANDIP		<u>Shweta</u>
37	2023077958	PATIL SAKSHI ANIL	Group 17	<u>Sakshi</u>
19	2023080348	SHALGAR NISHA RAJESH		<u>Shalgar</u>
47	2023079625	VISHWAJIT MANASING SALUNKHE		<u>Vishwa</u>
12	2023078354	APATE AVADHUT APPASAHEB	Group 18	<u>Avad</u>
52	2023079007	MIRAJKAR NIKHIL SANDEEP		<u>Mirajkar</u>
24	2023078352	KANGRALKAR HARSHADA ANKUSH		<u>Kangralkar</u>
54	2023079535	SUTAR BALASAHEB DATTATRAYA		<u>Sutar</u>

  
**HOD**  
 Electronics & Computer Science  
 Dr.A.D.Shinde College of Engineering  
 A<sup>10</sup> Chhadgaon, Tal. Gar<sup>10</sup>



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**DR. A. D. SHINDE**

COLLEGE OF ENGINEERING

Gadhinglaj A/P: Bhudgaon, Tal- Gadhinglaj, Dist- Kolhapur

**Department of Electronics & Computer Science.**

**Student Best Project Award**

Sr. No	Name of the students	Event	Prize
1	Avadhut Appasaheb Apate	Mini Project Competition under Lead College Cluster, Shivaji University Kolhapur.	Winner
2	Nikhil Sandeep Mirajkar		
3	Harshada Ankush Kangralkar		



*A Mini Project Report on*  
**IC Tester, Electronics Components  
Tester Kit**



*Submitted in partial fulfillment of the requirements of semester-6<sup>th</sup>  
for the award of degree of  
Bachelor of Technology*

*Submitted by*

<b>Mr. Avadhut Appasaheb Apate</b>	<b>PRN: 2023078354</b>
<b>Mr. Nikhil Sandeep Mirajker</b>	<b>PRN: 2023079007</b>
<b>Ms. Harshada Ankush Kangralkar</b>	<b>PRN: 2023078352</b>
<b>Mr. Balasaheb Dattatraya Sutar</b>	<b>PRN: 2023079535</b>

*Under the guidance of*  
**Prof. I. M. TRASGAR**

**Assistant Professor & HOD, Electronics & Computer Science**

**DADSCOE, Bhadgaon**



*Submitted to*

Dinkarrao K. Shinde Smarak Trust's  
**DR. A. D. SHINDE COLLEGE OF ENGINEERING.**  
Bhadgaon, Gadhingaj, Dist. Kolhapur Pin-416502  
**Department of Electronics & Computer Science**  
Academic Year 2024-25

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## Introduction

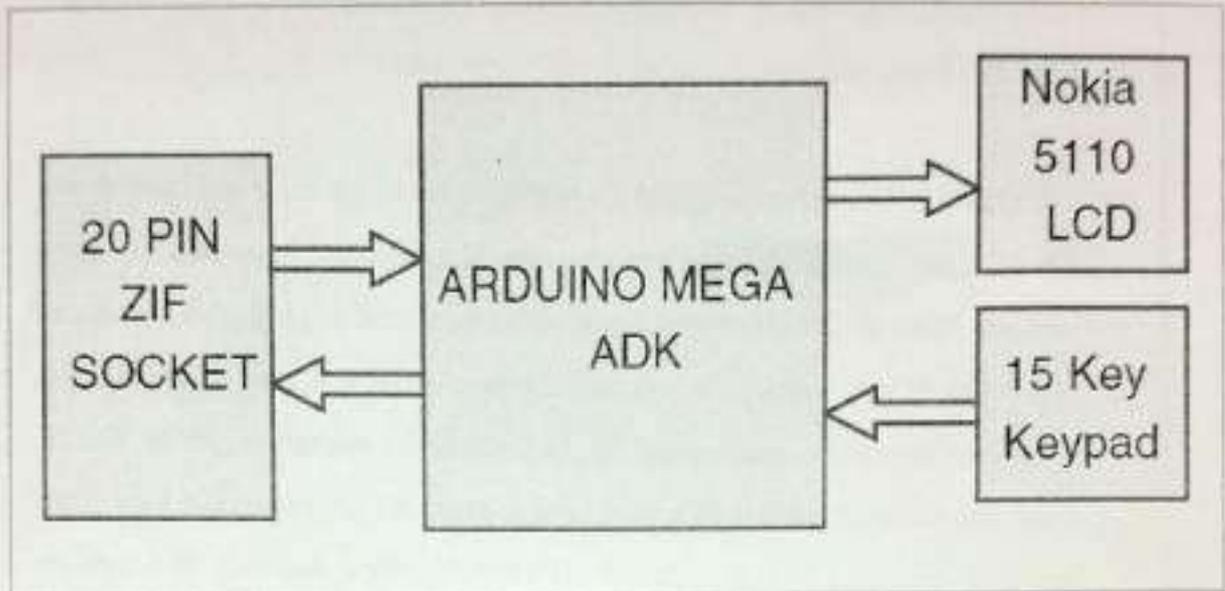
The Digital IC Tester project aims to design and develop a comprehensive testing system for digital integrated circuits (ICs). The tester will be capable of evaluating the functionality and performance of various digital ICs, including logic gates, flip-flops, counters, and other digital components.

Unlike the IC testers available in the market today which are usually expensive, this IC tester is affordable and user-friendly. This IC tester is constructed using Arduino Nano & Arduino Mega Board with a keyboard and a display unit. It can test digital ICs having a maximum of 24 pins. Since it is programmable, any number of ICs can be tested within the constraint of the memory available. This IC tester can be used to test a wide variety of ICs which includes simple logic gates and also sequential and combinational ICs like flip-flops, counters, shift registers etc. It is portable and easy to use.

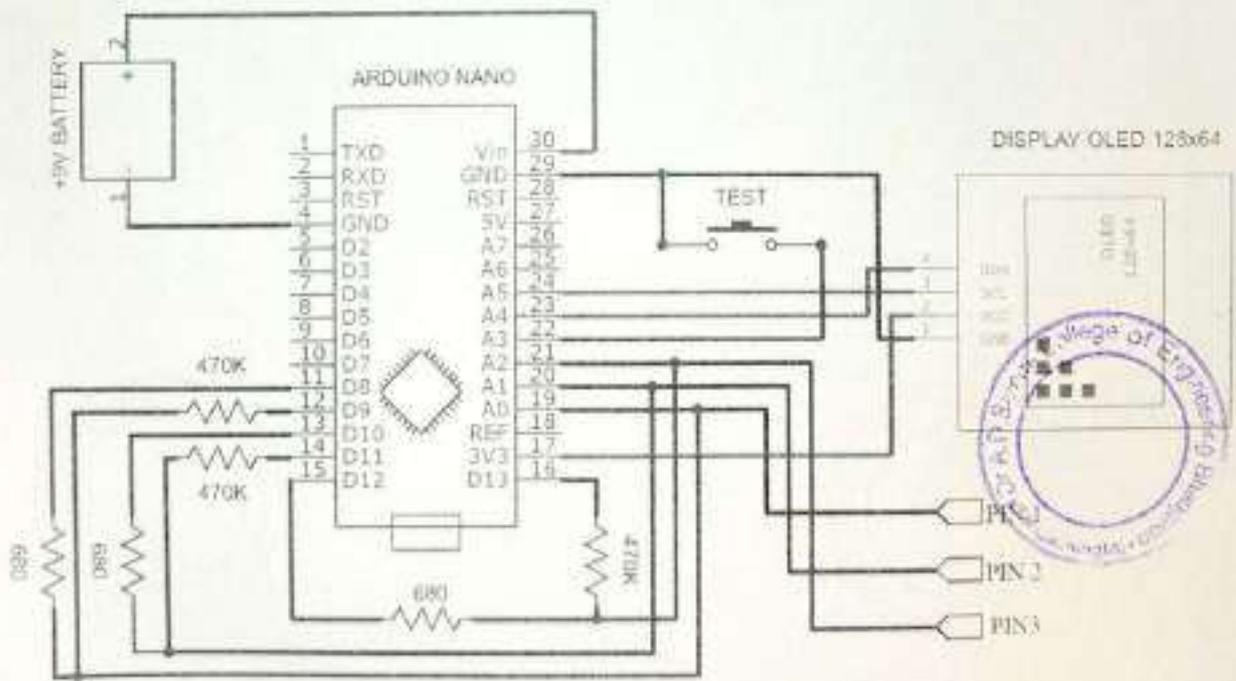


## Block Diagram

### IC Tester Using Arduino Mega



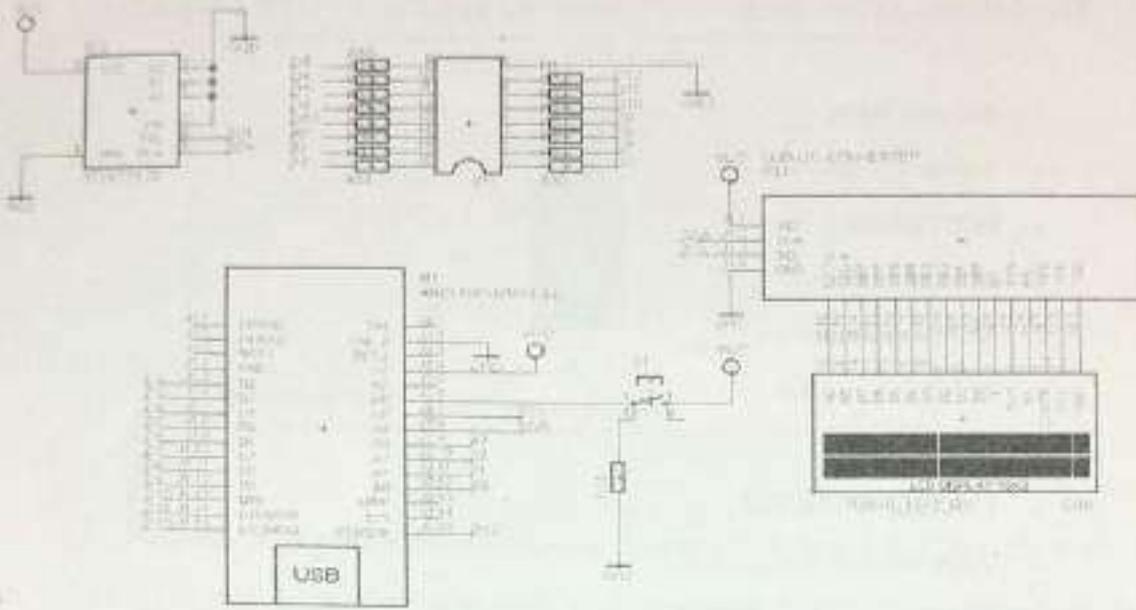
### Component Tester using Using Arduino Nano



CIRCUITDIAGRAMS.IN

ELECTRO GADGET

# Circuit Diagram Using Arduino Nano



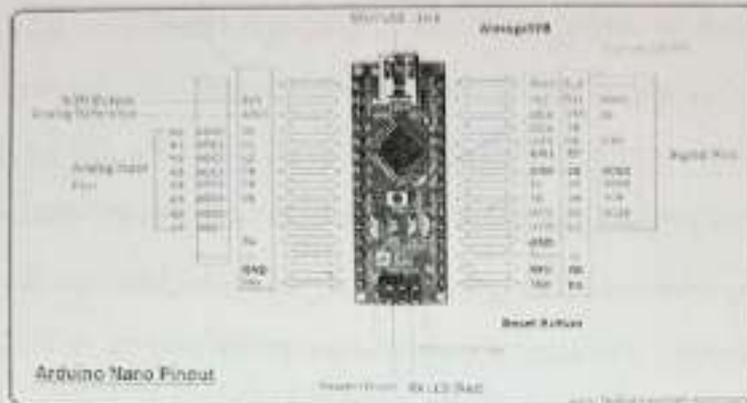
## Hardware Components

The following hardware components are used in the project:

- Arduino Nano
- Arduino Mega ADK
- OLED Display
- 470kOhm Resistors
- 680kOhm Resistors
- Arduino Nano 3.0
- Hex Keypad
- EEPROM IC 24LC512
- 7809 Voltage Regulator IC
- 7805 Voltage Regulator IC
- Resistors 480 Ohms
- Power Cord
- Zero Pcb Board
- Connecting Wires
- Soldering Iron Kit
- 16\*2 LCD Display
- DC Push Switch
- 12v Dc Power Supply
- CardBoard
- Arduino Mega 2560
- All Types Ic's (74xx Series, 40xx Series, 54xx Series)
- Capacitor,s For Testing
- 10K, 470k, 680k Resistors
- 19. I2C LCD Connector
- 20. Zip Socket 20 Pin IC Holder
- 21. 8 Pin IC Holder For EEPROM IC
- 22. IC 7432, 7408, 7400,7404, 7486,74286, 7420, . 7474,7476
- 23. IC Heat Sink Plate1)



## 1) Arduino Nano



Arduino is a microcontroller-based development board that comes with a simple programming environment. It allows users to control various types of electronic components, such as motors, sensors, lights, and more, through easy-to-understand code.

The Arduino Nano is a small, complete, and breadboard-friendly board based on the ATmega328 (Arduino Nano 3.x). It has more or less the same functionality of the Arduino Duemilanove, but in a different package. It lacks only a DC power jack, and works with a Mini-B USB cable instead of a standard one.

**VIN:** The input voltage to the Arduino/Genuino board when it is using an external power source (as opposed to 5 volts from the USB connection or other regulated power source). You

can supply voltage through this pin, or, if supplying voltage via the power jack, access it through this pin.

**5V:** This pin outputs a regulated 5V from the regulator on the board. The board can be supplied with power either from the DC power jack (7 - 20V), the USB connector (5V), or the VIN pin of the board (7-20V). Supplying voltage via the 5V or 3.3V pins bypasses the regulator, and can damage the board.

3V3: A 3.3 volt supply generated by the on-board regulator. Maximum current draw is 50 mA.

GND: Ground pins.

IOREF: This pin on the Arduino/Genuino board provides the voltage reference with which the microcontroller operates. A properly configured shield can read the IOREF pin voltage and select the appropriate power source, or enable voltage translators on the outputs to work with the 5V or 3.3V.

Reset: Typically used to add a reset button to shields that block the one on the board.

#### Special pin functions

Each of the 14 digital pins and 6 analog pins on the Uno can be used as an input or output, under software control (using `pinMode()`, `digitalWrite()`, and `digitalRead()` functions). They operate at 5 volts. Each pin can provide or receive 20 mA as the recommended operating condition and has an internal pull-up resistor (disconnected by default) of 20-50K ohm. A maximum of 40mA must not be exceeded on any I/O pin to avoid permanent damage to the microcontroller. The Uno has 6 analog inputs, labeled A0 through A5; each provides 10 bits of resolution (i.e. 1024 different values). By default, they measure from ground to 5 volts, though it is possible to change the upper end of the range using the AREF pin and the `analogReference()` function.

In addition, some pins have specialized functions:

Serial / UART: pins 0 (RX) and 1 (TX). Used to receive (RX) and transmit (TX) TTL serial data. These pins are connected to the corresponding pins of the ATmega8U2 USB-to-TTL serial chip.



External interrupts: pins 2 and 3. These pins can be configured to trigger an interrupt.

5V: This pin outputs a regulated 5V from the regulator on the board. The board can be supplied with power either from the DC power jack (7 - 20V), the USB connector (5V), or the VIN pin of the board (7-20V). Supplying voltage via the 5V or 3.3V pins bypasses the regulator, and can damage the board.

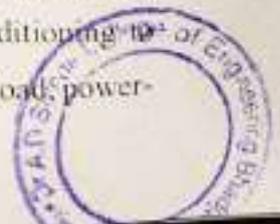
## 2) LCD Display (Optional):



An **LCD (Liquid Crystal Display)** is a commonly used output device in electronics for displaying text, numbers, and sometimes simple graphics. LCDs are widely used in projects where visual feedback is required, such as in clocks, meters, temperature displays, and more. They are easy to interface with microcontrollers like **Arduino** and can be a useful addition to projects that need to display data to the user.

## 3) Power Supply

A power supply is an electrical device that supplies electric power to an electrical load. The main purpose of a power supply is to convert electric current from a source to the correct voltage, current, and frequency to power the load. As a result, power supplies are sometimes referred to as electric power converters. Some power supplies are separate standalone pieces of equipment, while others are built into the load appliances that they power. Examples of the latter include power supplies found in desktop computers and consumer electronics devices. Other functions that power supplies may perform include limiting the current drawn by the load to safe levels; shutting off the current in the event of an electrical fault; power conditioning to prevent electronic noise or voltage surges on the input from reaching the load; power-



factor correction, and storing energy so it can continue to power the load in the event of a temporary interruption in the source power (uninterruptible power supply).

#### **4) Jumper Wires**

Jumper wires are essential components in electronics and microcontroller projects. They are used to establish connections between different electronic components, sensors, and microcontrollers like Arduino, Raspberry Pi, and other development boards

#### **5) Breadboard**

A breadboard is a crucial tool for prototyping electronic circuits without the need for soldering. It is often used in educational, DIY, and prototype development to quickly create and test circuits. Although it's not strictly necessary for all types of projects, it is highly recommended when you're working with various components and want to make changes easily.

#### **6) Push Switch**

A push button is a simple, mechanical switch used to control or trigger an action in an electronic circuit or microcontroller-based project. While optional in some projects, a push button is a fundamental component that allows you .



## Programming

### **Software Components:**

#### **A. Arduino IDE**

Platform: The Arduino Integrated Development Environment (IDE) is used to write and upload the code to the Arduino board.

Programming Language: The code is written in C/C++ using Arduino-specific libraries and functions.

#### **B. Libraries:**

We use Wire.h for I2C communication, RTCLib.h for RTC (DS3231) power.

#### **A. Key Software Functions**

The Arduino initializes the RTC and DHT sensor.

The time is fetched from the RTC and displayed on the LCD.

The program updates every second, keeping the time synchronized and the temperature reading current.



## EEPROM IC Data Reader And IC Code Data Uploader

**Example:-**

S7485

16

0100HLLG0101011V

1001LLHG1010100V

1100HLLG1010101V

0001LLHG0101010V

1100HLLG1001001V

0001LLHG0110110V

1100HLLG0111001V

0001LLHG1000110V

1001HLLG0011001V

0100LLHG1100110V

1010LHLG0011001V

0101LLL1G1100110V



## Advantages

1. **Accurate Testing:** IC tester kits provide accurate testing results, helping to identify faulty ICs and ensure that only functional ICs are used in electronic projects.
2. **Time-Saving:** IC tester kits can save time by quickly identifying faulty ICs and eliminating the need for manual testing.
3. **Improved Troubleshooting:** IC tester kits can aid in troubleshooting electronic circuits by quickly identifying faulty ICs and helping to diagnose issues.

## Disadvantages

1. **Limited IC Support:** Some IC tester kits may only support a limited range of ICs, which can be a limitation for users who need to test a wide range of ICs.
2. **Maintenance and Repair:** Some IC tester kits may require regular maintenance and repair, which can be time-consuming and costly.
3. **Space Requirements:** Some IC tester kits can be bulky and require a significant amount of space, which can be a limitation for users with limited workspace.
4. **Cost:** While IC tester kits can be cost-effective, some kits can be expensive, especially those with advanced features and capabilities.



## FEATURES

1. An IC tester is normally compact, rugged and easy to use.
2. It is a portable device.
3. It can automatically test variety of digital ICs of 6, 8, 10, 14, 16, 18, 20, 24, 28, and 40 pins.
4. Self testing facility through 'PIN TEST FACILITY' of the keyboard.
5. Facility to identify the IC number using 'AUTO FIND' of selective IC only.

## IC TESTING CATLOG

Author's prototype was used to test the following ICs successfully: 4000, 4001, 4002, 4011, 4012, 4023, 4025, 4029, 4030, 4049, 4050, 4068, 4069, 4070, 4071, 4072, 4073, 4075, 4077, 4081, 4082, 4093, 5408, 5409, 5411, 5421, 5479, 7266, 7400, 7401, 7402, 7403, 7404, 7405, 7408, 7409, 7410, 7411, 7412, 7414, 7420, 7421, 7427, 7430, 7432, 7473, 7474, 7476, 7478, 7479, 7486, 74132 and 74393.



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**Dr. A. D. Shinde College of Engineering, Bhadgaon.**  
**SUMMARY OF FINAL YEAR PROJECTS**

Sr. No	Department	Year	No of students	No of projects
1	Mechanical Engg.	2024-25	27	06
2	Electrical Engg.		24	06
3	Civil Engg.		56	12
4	Electronics & Computer Science		NA	NA
5	Computer Science & Engg.		NA	NA



  
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**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 KHANDERAO		
	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		
	2021072462	DHURI VINAYAK MARUTI		
G04	2021072610	MOHITE KIRAN SHIVAJI	Power Generation using Gym equipments.	Mr. K. S. Joshi
	2021072082	SALOKHE ADITYA ARUN		
	2021071690	JADHAV NITEESH DASHARATH		
	2021072339	PATIL SIDDHANT DATTATRAY		
	2018092848	PATIL AKSHAY VASANT		
G 05	2016106433	DEVADKAR TEJASHRI I	Smart IOT based robotic nurse with multi language voice interactivity.	Dr. S. A. Mehta
	2021072285	HUNDALEWADKAR NIKHIL S		

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

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



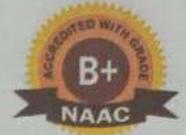
Dinkarrao K. Shinde Smarak Trusts

# DR.A. D. SHINDE COLLEGE OF ENGINEERING

Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502

## Department of Mechanical Engineering

### 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	PRN.NO
Mr. Sonu Saurav Ashok Kumar Singh	2022086385
Mr. Desai Pravin Shivgonda	2022086987
Mr. Patil Rahul Shivaji	2022086731
Mr. Sonale Dipak Balaso	2022079008
Mr. Desai Jayant Khanderao	2022086799

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

Dept. of Mechanical Engg.  
Dr. A. D. Shinde College of Engg.  
Bhadgaon, Gadhinglaj.

Prof. G. M. Kumbhar

Head of Department

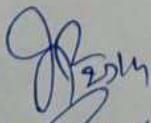
Vice Principal  
Dr. A. D. Shinde College of Engineering  
Bhadgaon, Gadhinglaj, Dist. Kolhapur

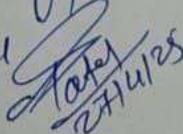
Dr. Vireshkumar G. Mahad

Dean Academics

Signature with date

Name of Examiners

Prof. I. T. Patel 

Prof. S. S. Patel 

Dinkarrao K. ShindeSmarak Trusts  
**DR.A. D. SHINDE COLLEGE OF ENGINEERING.**  
Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502  
**Department of Mechanical Engineering**  
**Academic Year 2024-25**



**CERTIFICATE**

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

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

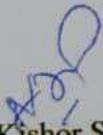
**Mr. Kiran S. Mohite (PRN: 2021072610)**

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

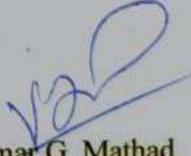
**Mr. Rohit Y. Ramase (PRN:2022086971)**

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

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

  
Prof. Kishor S. Joshi  
Guide

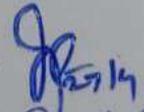
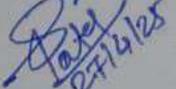
  
Prof. Gururaj M. Kumbhar  
Head of Department

  
Dr. Vireshkumar G. Mathad  
Dean Academics

**Dean Academic**  
**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

Dinkarrao K. ShindeSmarak Trusts  
**DR.A. D. SHINDE COLLEGE OF ENGINEERING.**  
Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502  
**Department of Mechanical Engineering**  
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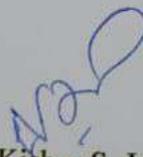
**Mr. Kiran S. Mohite (PRN: 2021072610)**

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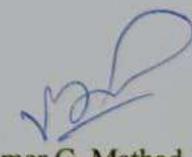
**Mr. Rohit Y. Ramase (PRN:2022086971)**

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

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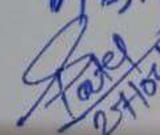
  
Prof. Kishor S. Joshi  
Guide

  
Prof. Gururaj M. Kumbhar  
Head of Department

  
Dr. Vireshkumar G. Mathad  
Dean Academics  
Dean Academic  
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 -   
24/04/25

Dinkarrao K. Shinde Smarak Trusts  
**DR.A. D. SHINDE COLLEGE OF ENGINEERING.**  
Bhadgaon, Gadhinglaj, Dist: Kolhapur Pin:416502  
**Department of Mechanical Engineering**  
**Academic Year 2024-25**



**CERTIFICATE**

*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>

*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. A. S. Bhoi

Guide

Prof. G. M. Kumbhar

HOD

Dep. Head of Department Engg.  
Dr. A. D. Shinde College of Engg.  
Bhadgaon, Tal. Gadhinglaj, Dist. Kolhapur.

Dr. Vireshkumar G. Mathad

Dean Academics

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

Name of Examiners

1) Prof. J. T. Patel -

2) Mr. S. S. Patel -

Signature with date



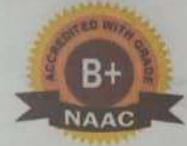
Dinkarrao K. Shinde Smarak Trusts

# DR.A. D. SHINDE COLLEGE OF ENGINEERING

Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502

## Department of Mechanical Engineering

### Academic Year 2024-25



## CERTIFICATE

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### Name of students

### PRN.NO

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2022086385

Mr. Desai Pravin Shivgonda

2022086987

Mr. Patil Rahul Shivaji

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Mr. Desai Jayant Khanderao

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

Signature with date

Name of Examiners

Prof. I.T. Patel. -

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



Dinkarrao K. Shinde Smarak Trusts

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

Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502

Department of Electrical Engineering

Academic Year 2024-25



### Project Diary 2024-2025

ROLL No	PRN	Student Name	Group	Guide	Topic Name
1	2022078860	PATIL SHRAVAN S. ALIAS SHEKHAR	EEO1	Dr. Vireshkumar Mathad	Design and performance analysis of KCL and KVL laboratory kit
2	2021073440	PATIL KARAN NITIN			
3	2022086369	SUTAR AVADHUT GANAPATI			
4	2022086495	HUJARE RANJEET RANGARAO			
5	2022085721	KAMBLE ROHIT RAJAN	EEO2	Prof. Amar Bandekar	Design and performance analysis of Ohm's law laboratory kit
6	2022078741	PATIL VIVEK SUNIL			
7	2022086468	KOTHAVALA VIJAY VASANT			
8	2022078739	KAMBLE SHRUTIKA HANMANT			
9	2022078767	DANG VINAY VISHWANATH	EEO3	Prof. S. C. Gandh	Design and performance analysis of power measurement using two wattmeter method laboratory kit
10	2022078799	DESAI SHRADDHA PANDURANG			
11	2021072353	PATIL RUSHIKESH RAMESH			
12	2021073469	KITTUR ABHISHEK VINAY			
13	2022086449	THANEKAR MANASI DILIP	EEO4	Prof. S. C. Killedar	Design and performance analysis of measurement of R, L and C laboratory kit
14	2021073460	PEDNEKAR RAHUL			
15	2021072386	SHINDE PRASHANT			
16	2021073467	DESAI ARPITA SAMBAJI			
17	2022086450	REGADE MOHINI MAHADEV	EEO5	Prof. A. S. Boragave	Design and performance analysis of lamp characteristics verification laboratory kit
18	2022087180	MALI PALLAVI DILIP			
19	2021072385	JADHAV SOURABH DHANAJI			
20	2022086368	SARASWATI DAVARI			
21	2021072360	DHABALE ASMITA MARUTI	EEO6	Prof. Basavaraj Angadi	Design and performance analysis of one lamp from two place and one lamp from three place laboratory kit
22	2021072388	SANAGAR SAMARTH VIJAY			
23	2021072375	PARLE DIGVIJAY SATAPPA			
24	2022086453	Komal J Patil			

**DR. A. D. SHINDE COLLEGE OF ENGINEERING, BHADGAON, GADHINGLAJ****DEPARTMENT OF CIVIL ENGINEERING****PROJECT GROUPS : 2024-25**

Sr. No.	Group No.	PRN No.	STUDENT NAME	PROJECT NAME	GUIDE NAME
1	CE-01	2021072908	BHOSALE AVINASH TUKARAM	Comparative Study of Design of Water Tank with reference to IS:3370	MR. A. S. MADKARI (8600230152)
2		2022087146	BHAT VAISHNAVI NETAJI		
3		2021072784	BIRAJDAR MADHAV SUDHAKAR		
4		2021072087	CHAVAN AKSHAY RAMU		
5		2021072122	SHENDE VIKAS SARJERAO		
6	CE-02	2021072851	CHAVAN RUTWIK RAGHUNATH	Partial Replacement of Cement with Biochar	MR. S. R. WADAGULE (9970035875)
7		2022084716	CHAVAN SANTOSH DHANAJI		
8		2021072045	CHOPADE INDRAKUMAR RAMESH		
9		2021072794	DESAI AJINKYA ANNASAHEB		
10		2022084994	GURAV ADITYA RAJENDRA		
11	CE-03	2022086488	DESAI PRUTHVIRAJ DATTATRAY	Electricity Generation from Solid Waste	MS. P. S. SHIRAGAVI (9850083107)
12		2021072221	DESAI ROHIT MAHENDRA		
13		2022087016	DESAI SURAJ NARAYAN		
14		2022087305	PATIL RAHUL SHIVGOUDA		
15		2022086781	DHULUGADE PRATHAMESH SANJAY		
16	CE-04	2022086516	GAWADE MAYURI MASHNU	Climate Impact on Water Resources	MR. V. S. PATIL (8308842332)
17		2022086532	GHAVARE AMOL ASHOK		
18		2021072646	HAJARE SWAPNIL ASHOK		
19		2022086755	INGALE SHIVRAJ JAYSING		
20		2021072347	KOKITKAR SANTOSH VIJAY		
21	CE-05	2022087063	JADHAV VAIJAYANTIMALA CHANDRA	Parametric Study on Structural Behaviour of Mast/Transmission Towers & also Design of Connections	MR. A. S. MADKARI (8600230152)
22		2020075906	KAMBLE BHUSHAN BABAN		
23		2022078764	KAMBLE HARISH EKNATH		
24		2022087061	KAMBLE MAHESH BALU		
25		2022078968	KULKARNI ANIRUDDHA UMESH		
26	CE-06	2022085641	KUMBHAR KRISHNAT RAGHUNATH	Experimental Study on Behaviour of Concrete by using Rice husk & Weld slag	MR. S. R. WADAGULE (9970035875)
27		2022087105	LOHAR SHIRISH ASHOK		
28		2021071974	MASKAR PAVAN RAJENDRA		
29		2022086483	MATIWADD MANASI ANIL		
30	CE-07	2022085254	MORBALE SHUBHAM VILAS	Study of Traffic Volume & its Safety measures on National Highway	MR. R. V. SAVYANAVAR (7887590731)
31		2021072055	SAWANT AVISHKAR HINDURAO		
32		2021071860	MORE SANKET GANAPATI		
33		2022085174	NANDUDKAR SHUBHAM SHIVAJI		
34		2022086742	NARATAVADEKAR VINAYAK DEELIP		
35	CE-08	2021071885	PAKHANE ROHIT HIRAMAN	Green Energy & Indoor Technologies for Smart Building	MS. P. S. SHIRAGAVI (9850083107)
36		2021071903	PALASULE PRATHAMESH DAYANAND		
37		2022086472	PANORI MAHESHANAND MAHADEV		
38		2022086511	PATIL ABHIRAJ ANNASAHEB		
39		2022086786	PATIL AMRUTA KRISHNAT		

40	<b>CE-09</b>	2022086496	PATIL ANIKET JAYSING	Study on Fiber Reinforced Concrete with M-Sand	MS. V. V. CHOUGULE (7887590731)
41		2021073418	PATIL KETAN NAGESH		
42		2022086382	PATIL RASIKA MANOHAR		
43	<b>CE-10</b>	2022086969	PATIL SAMARJEET SUJITKUMAR	Soil Stabilisation by using Lime & Fly ash	MR. R. V. SAVYANAVAR (7887590731)
44		2022086703	PATIL SANDHYA NAMDEV		
45		2022086533	PATIL SANKET SUBHASH		
46		2022085516	PATIL SHRIDHAR YASHVANT		
47		2022086797	POWAR SATYAJIT SHASHIKANT		
48	<b>CE-11</b>	2022084534	RANE RAHUL NIVRITI	Innovative Technologies for Water Conservation in Warming Climate	MR. V. S. PATIL (8308842332)
49		2022087020	SARAVADE MILIND ANANDA		
50		2021071920	SHAIKH SAJID RAJMAHMAD		
51		2020076371	SUTAR VISHAL DHANAJI		
52		2021072840	TAMBEKAR VINAYAK DATTATRAY		
53	<b>CE-12</b>	2021074343	GAWAS DNYANESHWAR DATTU	Visual Analysis & Structural Audit	MS. V. V. CHOUGULE (7887590731)
54		2021072091	KAMBLE AKASH DATTATRAY		
55		2022086734	SANGAR PRATIK RAJENDRA		
56		2022086975	KORGAONKAR SANKET ANIL		



  
**HOD**  
 Dept. of Civil Engineering  
 Dr. A. D. Shinde College of Engineering  
 A/o. Bhadgaon, Gadhinglaj.



Dinkarrao K. Shinde Smarak Trusts

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

Bhadgaon, Gadhinglaj, Dist: Kolhapur Pin:416502

**Department of Civil Engineering**

**Academic Year 2024-25**

**CERTIFICATE**

*This is to certify that Project titled "Road Safety Audit On National Highway 40 From Nandyal To Kurnool" is a bonafide work of*

**Mr. Vinayak Deelip Naratavadekar (PRN: 2022086742)**

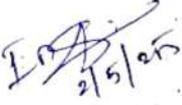
**Mr. Shubham Shivaji Nandudkar (PRN: 2022085174)**

**Mr. Shubham Vilas Morbale (PRN: 2022085254)**

**Mr. Sanket Ganapati More (PRN: 2021071860)**

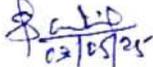
*This project report fulfills the academic requirements prescribed for the award of Bachelor of Technology degree in Civil Engineering during the academic year 2024-25.*

  
Prof. R. V. Savyanavar  
Guide

  
Prof. A. S. Madakari  
Head of Department

  
Dr. Vireshkumar G. Mathad  
Dean Academic  
Dr.A.D.Shinde College of Engineering  
Bhadgaon, Tal.Gadhinglaj, Dist.Kolhapur

Name of Examiners *Ms. Patil S.S.*

Signature with date   
*02/05/25*





Dinkarrao K. ShindeSmarak Trusts  
**DR.A. D. SHINDE COLLEGE OF ENGINEERING.**  
Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502  
**Department of Civil Engineering**  
**Academic Year 2024-25**

**CERTIFICATE**

*This is to certify that Project titled "Experimental Study of Concrete Canvas" is a bonafide work of*

**Mr. Krishnat R. Kumbhar (PRN: 2022085641)**

**Mr. Shirish A. Lohar (PRN: 2022087105)**

**Mr. Pavan R. Maskar (PRN: 2021071974)**

**Miss. Manasi A. Matiwadd (PRN: 2022086483)**

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Prof. S. R. Wadagule  
Guide

  
Prof. A. S. Madakari  
Head of Department

  
Dr. Vireshkumar G. Mathad  
Dean Academic  
Dr.A.D. Shinde College of Engineering  
Bhadgaon, Tal. Gadhinglaj, Dist. Kolhapur

Name of Examiners **Mr. Patil V.S.**

Signature with date   
03/05/25

Dinkarrao K. Shinde Smarak Trusts

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

Bhadgaon, Gadhinglaj, Dist: Kolhapur Pin:416502

**Department of Civil Engineering**

**Academic Year 2024-25**



**CERTIFICATE**

*This is to certify that Project titled "**CLIMATIC IMPACT ON WATER RESOURCES**" is a bonafide work of*

**Mr. Shivraj J. Ingale**

**PRN:2022086755**

**Mr. Amol A. Ghavare**

**PRN:2022086532**

**Ms. Mayuri M. Gawade**

**PRN:2022086516**

**Mr. Swapnil A. Hajare**

**PRN:2021072646**

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Prof. V. S. Patil  
Guide

Prof. A. S. Madakari  
Head of Department

Dr. V. G. Mathad  
Dean Academics  
**Dean Academic**

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

Name of Examiners **Mr. Patil V.S.**

Signature with date **02/05/25**



Dinkarrao K. Shinde Smarak Trusts

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

Bhadgaon, Gadhinglaj, Dist: Kolhapur Pin:416502

**Department of Civil Engineering**

**Academic Year 2024-25**



**CERTIFICATE**

*This is to certify that Project titled "ELECTRICITY GENERATION FROM SOLID WASTE" is a bonafide work of*

**Mr. Pruthviraj D. Desai**

**PRN:2022086488**

**Mr. Prathmesh S. Dhulugade**

**PRN:2022086781**

**Mr. Rahul S. Patil**

**PRN:2022087305**

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Prof. Ms. P. S. Shiragavi  
Guide

Prof. A. S. Madakari  
Head of Department

Dr. V. G. Mathad  
Dean Academics

Name of Examiners **Mr. Patil U.S.**

Signature with date **Patil**  
**03/05/25**



Dinkarrao K. Shinde Smarak Trusts  
**DR. A. D. SHINDE COLLEGE OF ENGINEERING.**  
Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502  
**Department of Civil Engineering**  
**Academic Year 2024-25**



**CERTIFICATE**

This is to certify that Project titled **“LOW WEIGHT SUSTAINABLE CONCRETE WITH BAGASSE ASH”** is a bonafide work of

**Miss. Vaishnavi N. Bhat**

**PRN: 2022087146**

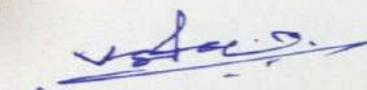
**Mr. Avinash T. Bhosale**

**PRN: 2021072908**

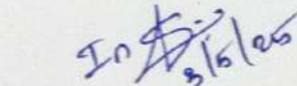
**Mr. Madhav S Birajdar**

**PRN :2021072784**

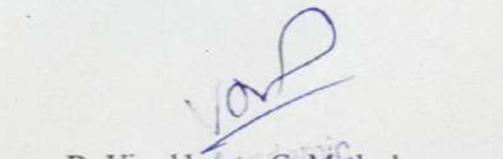
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Prof. A.S.Madakari

Guide

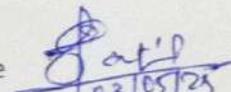
  
Prof. A.S.Madakari

Head of Department

  
Dr. Vireshkumar G. Mathad  
Dean Academics  
Dr. A. D. Shinde College of Engineering  
Bhadgaon, Tal. Gadhinglaj, Dist. Kolhapur

Name of Examiners **Mr. Patil V.S.**

Signature with date

  
03/05/25



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Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502  
**Department of Civil Engineering**  
**Academic Year 2024-25**

**CERTIFICATE**

*This is to certify that Project titled "Tunnel Formwork Technology" is a bonafide work of*

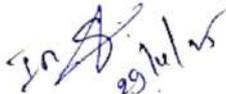
**Mr. Indrakumar R. Chopade** (PRN: 2021072045)

**Mr. Ajinkya A. Desai** (PRN: 2021072794)

**Mr. Santosh D. Chavan** (PRN: 2022084716)

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

  
Prof. S/R. Wadagule  
Guide

  
Prof. A. S. Madkari  
Head of Department

  
Dr. V. G. Mathad  
Dean Academics  
Dean Academic  
Dr.A.D.Shinde College of Engineering  
Bhadgaon, Tal. Gadhinglaj, Dist. Kolhapur

Name of Examiners **Mr. Patil U.S.**

Signature with date   
29/12/25



Dinkarrao K. Shinde Smarak Trusts

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

Bhadgaon, Gadhinglaj, Dist: Kolhapur Pin:416502

**Department of Civil Engineering**

**Academic Year 2024-25**

**CERTIFICATE**

*This is to certify that Project titled "Green Energy and Indoor Technology for Smart Buildings" is a bonafide work of*

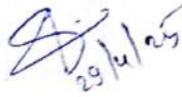
**Mr. Maheshanand Mahadev Panori (PRN: 2022086472)**

**Mr. Abhiraj Annasaheb Patil (PRN: 2022086511)**

**Mr. Prathemesh Dayanand Palsule (PRN: 2021071903)**

**Mr. Rohit Hiranman Pakhane (PRN: 2021071885)**

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

  
29/11/25

Prof. Pooja S. Shiragavi  
Guide

  
29/11/25

Prof. A. S. Madakari  
Head of Department



Dr. Vireshkumar G. Mathad  
Dean Academics

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

Name of Examiners *Ms. Patil S.S.*

Signature with date *2025/11/29*





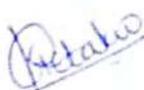
Dinkarrao K. Shinde Smarak Trusts  
**DR. A. D. SHINDE COLLEGE OF ENGINEERING**  
Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502  
**Department of Civil Engineering**  
**Academic Year 2024-25**

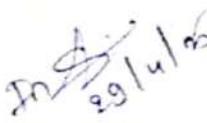
**CERTIFICATE**

*This is to certify that Project titled "Study On Fiber Reinforced Concrete With M-Sand" is a bonafide work of*

Miss. Amruta Krishnat Patil	(PRN: 2022086786)
Miss. Rasika Manohar Patil	(PRN: 2022086382)
Mr. Aniket Jaysing Patil	(PRN: 2022086496)
Mr. Ketan Nagesh Patil	(PRN: 2021073418)
Mr. Dnyaneshwar Dattu Gawas	(PRN: 2021074343)

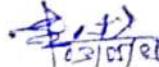
*This project report fulfills the academic requirements prescribed for the award of Bachelor of Technology degree in Civil Engineering during the academic year 2024-25.*

  
Prof. Ketakee Gurav  
Guide

  
Prof. A. S. Madakari  
Head of Department

  
Dr. Vireshkumar G. Mohad  
Dean Academics  
Dr.A.D. Shinde College of Engineering  
Bhadgaon, Tal. Gadhinglaj, Dist. Kolhapur

Name of Examiners *Ms. Patil S.S.*

Signature with date   
*29/11/25*

Dinkarrao K. Shinde Smarak Trusts

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

Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502

**Department of Civil Engineering**

**Academic Year 2024-25**



**CERTIFICATE**

*This is to certify that Project titled "Innovative Technologies for Water Conservation in Warming Climate" is a Bonafide work of*

**Mr. VINAYAK D. TAMBEKAR** PRN:2021072840

**Mr. VISHAL D. SUTAR** PRN:2020076371

**Mr. SAJID R. SHAIKH** PRN:2021071920

**Mr. MILIND A. SARAVADE** PRN:2022087020

**Mr. RAHUL N. RANE** PRN:2022084534

*This project report fulfils the academic requirements prescribed for the award of Bachelor of Technology degree in Civil Engineering during the academic year 2024-25.*

Prof. V. S. Patil  
Guide

Prof. A. S. Madakari  
Head of Department

Dr. V. G. Mathad  
Dean Academics  
**Dean Academic**

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

Name of Examiners **Mr. Patil V.S.**

Signature with date

Dinkarrao K. ShindeSmarak Trust's

Dr. A. D. SHINDE COLLEGE OF ENGINEERING,  
GADHINGLAJ, (BHADAGAON)



**LIC**

**PROFORMA-C**

**“POINT NO. 21”**

**DEPARTMENT OF MECHANICAL**  
**ENGINEERING**

**POINT NAME:**

**Elearning Recourse**

**( NPTEL Local Chapter / V-lab Nodal Centre)**

# College Statistics



**DINKARRAO K SHINDE SMARAK TRUST, GADHINGLAJ DR. A. D SHINDE COLLEGE OF ENGINEERING**  
 AP-BHADGAON, TAL: GADHINGLAJ, DIST:KOLHAPUR, MAHARASHTRA-416002  
 URL: www.adshindecollege.edu.in



- SPOC Name - MR. SHAILESH CHAVAN
- Designation - LIBRARIAN
- Parttnering since - 15/12/23
- College ID - 6204 Institute Type -ENGINEERING, TECHNOLOGY AND MANAGEMENT

NPTEL is very happy to be associated with DINKARRAO K SHINDE SMARAK TRUST, GADHINGLAJ DR. A. D SHINDE COLLEGE OF ENGINEERING institute and its students. We are thankful to MR. SHAILESH CHAVAN for being a pillar of support in NPTEL initiatives.

Course Run	Present	Gold	Elite	Silver	Successful	Participation	Topper	Rating	NPTEL Stars
Jul-Dec-2024	9	0	1	0	4	4	*	*	Details
Jan-Apr-21-24	2	0	0	0	1	1	*	*	Details



  
**PRINCIPAL**  
**A.D. Shinde College of Engineering**  
**Bhadgaon, Tal. Gadhingraj, Dist. Kolhapur**



DR. A.D. SHINDE COLLEGE OF ENGINEERING, GADHINGLAJ

DEPARTMENT OF MECHANICAL ENGINEERING

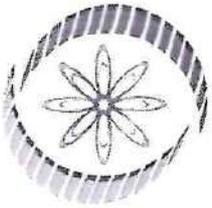
**NPTEL CERTIFICATION 2024-25**

Roll NO	Student Name	PRN	TOPIC NAMES	WEEKS
1	ASWALE SAMIR PRABHAKAR	2022087049	Automatic Control	8
2	DHANAWDE NIKHIL MARUTI	2022086986	Automatic Control	8
3	DHANAWDE NIKHIL MARUTI	2021072462	Fundamental of Welding Science and Technology	8
4	DHURI VINAYAK MARUTI	2021072462	Fundamental of Welding Science and Technology	8
5	DHURI VINAYAK MARUTI	2021072462	Inspection and Quality in Manufacturing	4
6	JADHAV NITEESH DASHARATH	2022086731	Engineering Metrology	12
7	MOHITE KIRAN SHIVAJI	2022072610	Inspection and Quality in Manufacturing	4
8	PATIL RAHUL SHIVAJI	2022086633	Mechanical Measurement System	8
9	PATIL RUTUJA RAVINDRA	2022086981	Advanced Machining Processes	8
10	PATIL RUTUJA RAVINDRA	2022086981	Fundamental of Welding Science and Technology	8
11	SONALE DIPAK BALASO	2022086972	Product engineering and Design Thinking	8
12	SONU SAURAV ASHOK KUMAR SINGH	2022086385	Fundamental of Welding Science and Technology	8
13	SURYAVANSHI PRATIKSHA DHONDIRAM	2022086972	Product engineering and Design Thinking	8



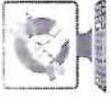
*Shinde*

**PRINCIPAL**  
A.D. Shinde College of Engineering  
Rhadgaon, Tal Gadhingla, Dist. Solapur



# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**SAMIR PRABHAKAR ASWALE**

for successfully completing the course

**Automatic Control**

with a consolidated score of **53** %

<b>Online Assignments</b>	<b>18.67/25</b>	<b>Proctored Exam</b>	<b>34.5/75</b>
---------------------------	-----------------	-----------------------	----------------

Total number of candidates certified in this course: **91**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC



Indian Institute of Technology Roorkee



**Jan-Mar 2025**

**(8 week course)**

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Roll No: NPTEL25ME07S639900297

To verify the certificate

No. of credits recommended: 2 or 3

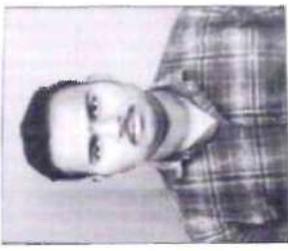


# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**SONALE DIPAK BALASO**

for successfully completing the course

## Advanced Machining Processes

with a consolidated score of **53** %

Online Assignments	18.58/25	Proctored Exam	34.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **499**

**Prof. T. V. Bharat**  
Head, Centre for Educational Technology  
NPTEL Coordinator, IIT Guwahati



Aug-Oct 2024

(8 week course)



Indian Institute of Technology Guwahati



Roll No: NPTEL24ME154S1061800498

To verify the certificate

No. of credits recommended: 2 or 3



**Elite**

# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**PRATIKSHA DHONDIRAM SURYAVANSHI**

for successfully completing the course

## Product Engineering and Design Thinking

with a consolidated score of **64** %

Online Assignments	11.25/25	Proctored Exam	52.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **986**

**Jan-Mar 2025**

**(8 week course)**

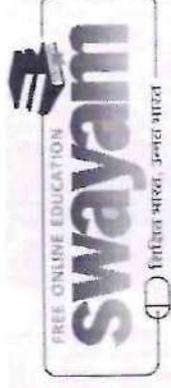


Indian Institute of Technology Kharagpur



*Banerji*

**Prof. Haimanti Banerji**  
Coordinator, NPTEL  
IIT Kharagpur





# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**RUTUJA RAVINDRA PATIL**

for successfully completing the course

## Mechanical Measurement Systems

with a consolidated score of **56** %

Online Assignments	18.67/25	Proctored Exam	37.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **50**

*Kaushik Ghosh*

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC



Indian Institute of Technology Roorkee

*Ranjana Pathania*

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Roll No: NPTEL25ME52S639900263

To verify the certificate

No. of credits recommended: 2 or 3



DR. A. D. SHINDE COLLEGE OF ENGINEERING, GADHINGLAJ

DEPARTMENT OF MECHANICAL ENGINEERING

**NPTEL CERTIFICATION 2024-25**

Roll NO	Student Name	TOPIC NAMES	WEEKS
1	MR. GURURAJ M KUMBAR	Fundamentals of Additive Manufacturing Technologies	12
2	MR. GURURAJ M KUMBAR	Introduction to Composites	12
3	MRS. PALLAVI TANAJI KOKITAKAR	Introduction to Composites	12

PRINCIPAL  
A. D. Shinde College of Engineering  
Rhadgaon, Tal Gadhinglaj, Dist. Kolhapur





# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**GURURAJ M KUMBAR**

for successfully completing the course

## Fundamentals of Additive Manufacturing Technologies

with a consolidated score of **48** %

Online Assignments	13.75/25	Proctored Exam	33.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **470**

**Jul-Oct 2024**  
(12 week course)



**Prof. I. V. Bharat**  
Head, Centre for Educational Technology  
NPTEL Coordinator, IIT Guwahati



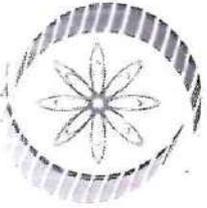
Indian Institute of Technology Guwahati



Roll No: NPTEL24ME138S1054600760

To verify the certificate

No. of credits recommended: 3 or 4



# NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



**Skill India**  
कौशल भारत - कुशल भारत



This certificate is awarded to

**PALLAVI TANAJI KOKITAKAR**

for successfully completing the course

## Introduction to Composites

with a consolidated score of **57** %

Online Assignments	19.97/25	Proctored Exam	37.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **566**

*Pathish*

**Prof. B. V. Ratish Kumar**  
Chairman, Centre for Continuing Education  
IIT Kanpur



Indian Institute of Technology Kanpur

*Satyaki*

**Prof. Satyaki Roy**  
NPTEL Coordinator  
IIT Kanpur



Roll No: NPTEL24ME129S1061800533

To verify the certificate

No. of credits recommended: 3 or 4

Expression of Interest for setting up Virtual Labs Nodal Centre - 2025

Institute : Dr A D Shinde College of Engineering

NCID : 125

Address : Gudda, A/P Bhadagaon, Tal:Gadhinglaj, Kolhapur Maharashtra 416502

Website : www.adshindecoe.edu.in

Institute Acronym : DADSCOE AISHE CODE : C-50898 Latitude:16.0

Longitude:74.0

Affiliated to : Shivaji University Kolhapur Approved By: AICTE

Approval Number:1-2183608891 MAAC Accredition : B+

Post	Name	Branch	Email	Mobile
Outreach Coordinator	Mr Mahesh Hasabe	Computer Science and Engineering	hodcse.dadscoe@gm ail.com	9975151790
Nodal Coordinator	Mr Basavaraj Angadi	Electrical Engineering	basu83@gmail.com	8951611780
Head of the Institute	Dr Dinkar Chewade	-	principal.dadscoe@g mail.com	9049504851

Total Number of computers in the Institute : 210, For Virtual Lab use : 50, Internet Bandwidth in Mbps : 300

I declare that :

a) The Institute is recognized by AICTE/UGC.

b) The Institute has necessary and adequate infrastructure to host Virtual Labs.

c) Strict adherence to standard lab procedures and cyber security laws will be followed.

d) Virtual Labs, IIT Bombay may withdraw/top connectivity without giving any prior notice or reasons.

f) IIT Bombay can contact on the given contact details.

g) The Institute will comply to the given inhouse targets (8000 usages) and outreach target (2000 usages)

h) This EOI for Virtual Labs usage is valid upto 31st December 2025 and requires renewal by IIT Bombay

for continued support.

PRINCIPAL  
*[Signature]*

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

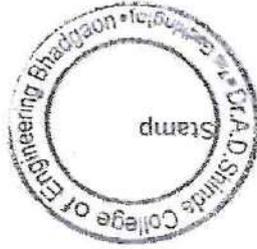


Date: 24/12/24





Date: 24/12/24



Head of the Institute / Principal  
Dr. Dinkar Ghemde  
A.D. Shinde College of Engineering,  
Bhadgaon, Tal. Gadhingal, Dist. Kolhapur.

Branch (Accredited)	Name (year of exp)	Email	Mobile No	No of Students / faculty
Civil Engineering (NO)	Mr Amit Madakar (12)	hodcivhads@gmail.co m	8600230152	13A/7
Mechanical Engineering (NO)	Mr Gururaj Kumber (6)	gururaj.415kumber@g mail.com	9536752211	113/8
Basic Science and Humanities (YES)	Mrs Hemalata Patil (4)	hemlatapatil5462@gma il.com	9145648585	77/15
Electrical Engineering (NO)	Mr Siddalingappa Gandh (9)	electrical.dadscoc@gm ail.com	7795838187	158/5
Electronics and Computer Science (NO)	Mr Mahadev Bandi (12)	dadscoc.ecs@gmail.co m	8149320104	115/6
Computer Science and Engineering (NO)	Mr Heena Naikwadi (1)	heenasn16@gmail.com	7588869786	133/5

Departmental Coordinator

**Fwd: VLabs IITB Monthly Report NCID:125 date:2024-12-20 12:22:01.562530**

1 message

**GURURAJ KUMBAR** <gururaj.416kumbar@gmail.com>

To: dadsmechfaculty@gmail.com

Tue, May 13, 2025 at 3:45 PM

----- Forwarded message -----

From: basavaraj angadi &lt;basu853@gmail.com&gt;

Date: Mon, 12 May, 2025, 2:29 pm

Subject: Fwd: VLabs IITB Monthly Report NCID:125 date:2024-12-20 12:22:01.562530

To: GURURAJ.416KUMBAR@gmail.com &lt;GURURAJ.416KUMBAR@gmail.com&gt;

----- Forwarded message -----

From: Virtual Labs IIT Bombay &lt;manager1@vlabserver.in&gt;

Date: Fri, Dec 20, 2024 at 5:52 PM

Subject: VLabs IITB Monthly Report NCID:125 date:2024-12-20 12:22:01.562530

To: &lt;basu853@gmail.com&gt;, &lt;hodse.dadscoe@gmail.com&gt;, &lt;hodcivilads@gmail.com&gt;, &lt;gururaj.416kumbar@gmail.com&gt;, &lt;electrical.dadscoe@gmail.com&gt;, &lt;dadscoe.ecs@gmail.com&gt;, &lt;swapanlaryan.dadscoe@gmail.com&gt;, &lt;principal.dadscoe@gmail.com&gt;

Dear Sir/ Mam

Please find the cumulative monthly report till date.

The table includes Pending data also. In first semester one needs to add first year admitted students in total students.

Branch	Total Students(second semester data)	Students Using Viab
Civil Engineering	176	74
Mechanical Engineering	160	104
Electrical Engineering	145	76
Electronics and Computer Science	83	34
Computer Science and Engineering	99	64
Total	663	352

Approved Workshop Data.

Branch	Usage
Civil Engineering	865



Mechanical Engineering	5327
Electrical Engineering	1518
Electronics and Computer Science	555
Computer Science and Engineering	950
<b>Total</b>	<b>9215</b>

Total In-house usage : 9215 Targeted Usage: 16470  
 Total outreach usage: 0 Targeted Usage: 2000

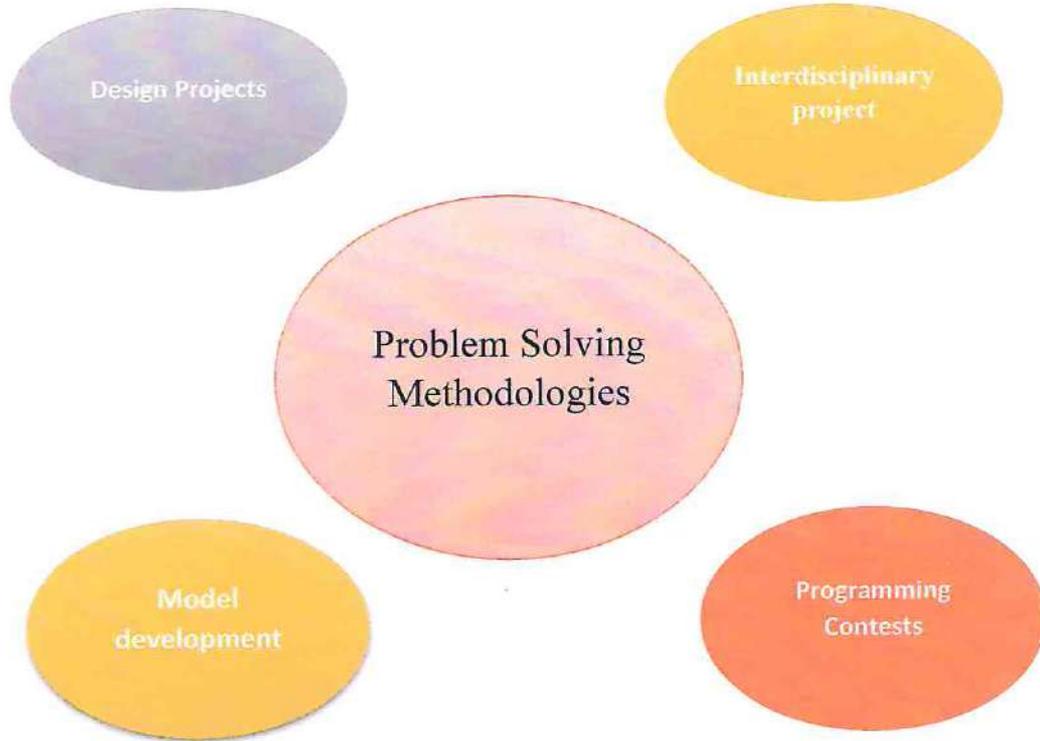
Your Institute Current Rank on Virtual Lab IITB Portal is 32

Labwise User, Usage Report

Department	Lab	No. Students Usage
Civil Engineering	Concrete Structures Lab (New)	1
Civil Engineering	Environmental Engineering Lab I (New)	10
Civil Engineering	Fluid Machinery Lab (New)	18
Civil Engineering	Fluid Mechanics Lab	1
Civil Engineering	Hydraulics and Fluid Mechanics Lab	1
Civil Engineering	Soil Mechanics Lab	7
Civil Engineering	Strength of Materials Lab	15
Civil Engineering	Surveying Lab	13
Civil Engineering	Transportation Engineering Lab (New)	40
Computer Science and Engineering	Advanced Neural Networks Virtual Lab	2
Computer Science and Engineering	Artificial Neural Networks Lab	32
Computer Science and Engineering	Basics of HTML	4
Computer Science and Engineering	Computational Linguistics Lab	3
Computer Science and Engineering	Computer Graphics	4
Computer Science and Engineering	Computer Organisation and Architecture Lab	2
Computer Science and Engineering	Computer Organization Lab	3
Computer Science and Engineering	Computer Programming Lab	20
Computer Science and Engineering	Core Java Programming	4
Computer Science and Engineering	Creative Design, Prototyping & Experiential Lab (New)	18
Computer Science and Engineering	Cryptography	17
Computer Science and Engineering	Cryptography Lab	1
Computer Science and Engineering	Data Structures - I (New)	17
Computer Science and Engineering	Data Structures - II (New)	4



# Problem Solving Methodologies



Dinkarrao K. Shinde Smarak Trusts

## Dr. A. D. Shinde College of Engineering, Bhadgaon

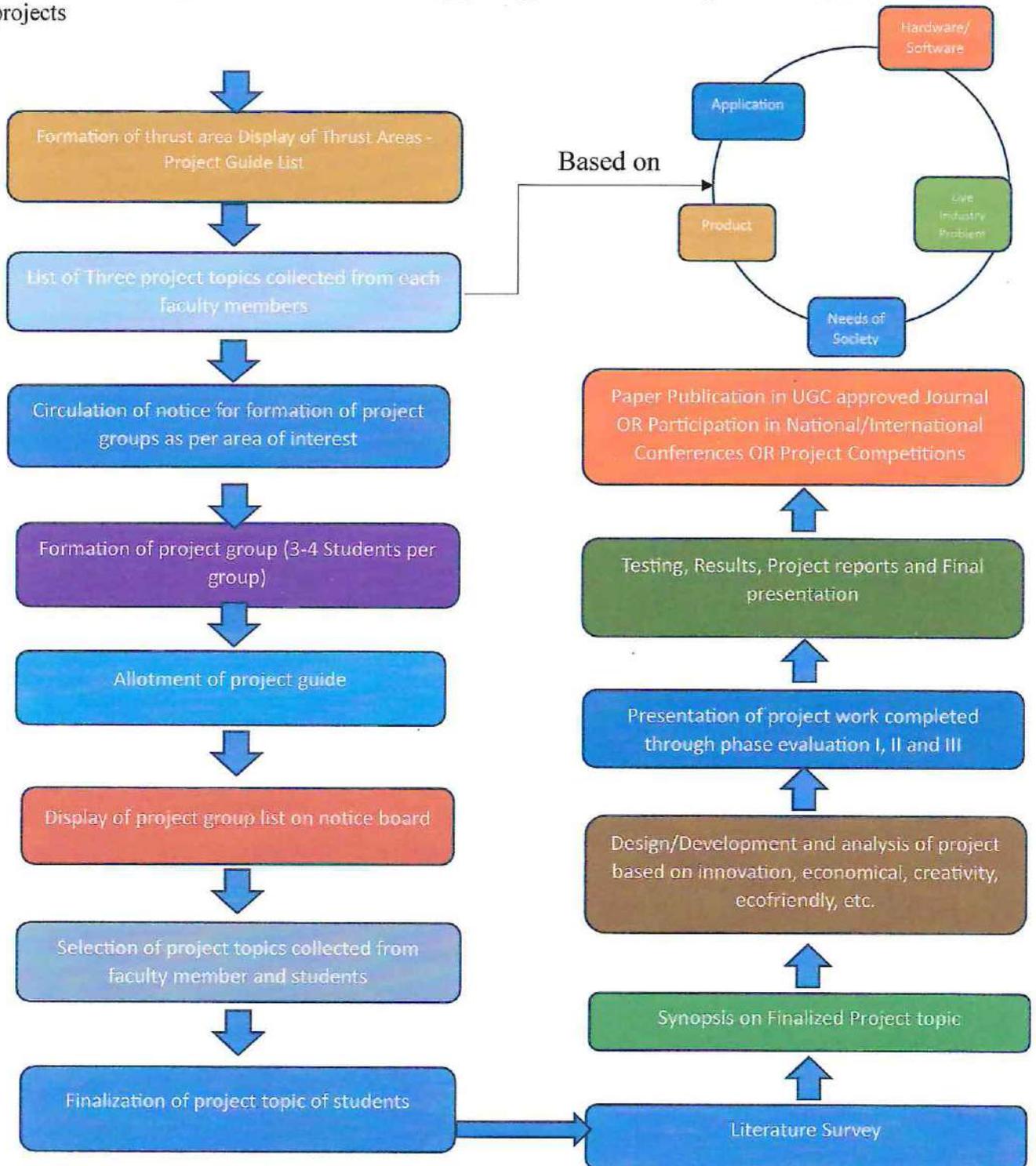
Sr. No.	Name of the Activity	Purpose of Activity
1	Interdisciplinary Project Activities	Purpose of interdisciplinary activities is to enable students to improve their analysis abilities by using approaches from different disciplines.
2	Programming Contests	programming contest helps students to build problem-solving skills
3	Model Development	Purpose of model development is to help students to visualize a system and make predictions about how systems will behave under given conditions
4	Design Projects	Purpose of design project is to problem solving skills and incorporate creativity into learning



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

# Final Year Project Process

Processes related to BE (Final Year) project identification, allotment, continuous monitoring, evaluation including demonstration of working prototypes and enhancing the relevance of projects





**Dinkarrao K. Shinde Smarak Trusts**  
**DR. A. D. SHINDE COLLEGE OF ENGINEERING,**  
**Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502**



## **Mini Project**

<b>Sr. No</b>	<b>A.Y.</b>	<b>Department</b>	<b>Total Group</b>
1	2024-25	Electronics & Computer Science	18



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



# Dr. A. D. Shide College Of Engineering, Bhadgaon

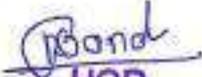
Department of Electronics & Computer Science.

## Mini Project Group

TY\_B.Tech\_ECS 2024-25

Roll.No	PRN No.	Name	Group No	Sign
4	2022086046	KAVITKAR SHUBHAM VITTEAL	Group 1	<u>Shubham</u> <u>Gayathri</u> <u>Pratik</u>
29	2023078361	MIRAJE MAYUR ARUN		
6	2022086026	PATIL ANKITA ANANT		
13	2023078359	CHOUGULE PRAJWAL PRAKASH	Group 2	<u>Pratik</u> <u>Yashraj</u> <u>Utkarsh</u>
8	2023078357	POWAR YUVRAJ DHANAJI		
44	2023078941	KAMBLE KHUSHI UTTAM		
14	2023079612	GAVADE PRACHI PRAKASH	Group 3	<u>Prachi</u> <u>Pratik</u> <u>SP</u>
31	2023078979	JATHAR SAKSHI MANSING		
20	2023077972	CHOUGALE SAMBHAJI PANDURANG		
21	2023077987	MUGALIHALKAR NIKHIL HUVANI	Group 4	<u>Nikhil</u> <u>Pratik</u> <u>Pratik</u>
23	2023077976	RAKATADE SANDESH RAJENDRA		
35	2023079604	KHARADE VAISHNAVI B		
30	2023077974	KHAIRMODE RAVIKIRAN RAJENDRA	Group 5	<u>Ravikiran</u> <u>Pratik</u> <u>Asper</u>
27	2023080362	PATIL AMOL ARVIND		
56	2023078351	PATIL ASHIWINI SUBARAO		
32	2023077989	INGAWALE SAMRUDDHI SAKHARAM	Group 6	<u>Samruddhi</u> <u>Aravind</u> <u>Pratik</u>
28	2023077948	AMATE RAHUL BASAVARAJ		
43	2023077966	MALAMKAR VAISHNAVI KISHOR		
36	2023077993	KHARADE ANKITA RANJIT	Group 7	<u>Pratik</u> <u>Pratik</u> <u>Pratik</u> <u>Pratik</u>
50	2023079565	PATIL LATA SHIVAJI		
53	2023079573	MOHITE AKSHAY BALU		
7	2023079525	PATIL SUSMITA SHAMRAO		
49	2023079523	PATIL SANDESH UTTAM	Group 8	<u>Sandesh</u> <u>Pratik</u> <u>Pratik</u>
46	2023079561	MUNGURKAR DTTATRAY ASHOK		
26	2023077973	NIKAM ANJALI SAGAR		
41	2023077992	MUJGONDA SHIVANAND MANOHAR	Group 9	<u>Mujgonda</u> <u>Pratik</u> <u>Pratik</u>
42	2023078985	SWAROOP P JADHAV		
39	2023079056	DHEKOLKAR SWAPNALI B		

33	2023078940	GODASE KARUNA TUKARAM	Group 10	<u>Rok.</u>
22	2023077970	PATIL ROHIT PRATAP		<u>Rohit</u>
15	2023078356	KAMBLE SNEHAL SUDAM		<u>Snehal</u>
48	2023079622	MOTURE MANALI PARASHARAM	Group 11	<u>Mature</u>
1	2022085998	CHAVAN RAJWARDHAN BAJIRAO		<u>Rajwardhan</u>
2	2022086015	CHINDAKE SANKET BANDOPANT		<u>Sanket</u>
3	2022086166	DORUGADE ASHWINI PIRAJI	Group 12	<u>As</u>
34	2023077964	JAGADALE SANIYA BHIKAJI		<u>Jagdale</u>
45	2023079570	PATIL PRATHAMESH PANDURANG		<u>Patil</u>
10	2023078355	PATIL DNYANESHVARI DILIP	Group 13	<u>Patil</u>
5	2022086175	KOLUGADE HARSHVARDHAN B		<u>Harsh</u>
11	2023080553	MATALE GAUTAMI ARJUN		<u>Gautami</u>
40	2023077967	PATIL TEJASWINI TANAJI	Group 14	<u>Patil</u>
9	2023079616	MORE NIRANJAN SHIVAJI		<u>More</u>
16	2023077952	VAIDIKA KRUSHNAT TELI		<u>Vaidika</u>
51	2023083468	PADEKAR RUTUJA CHANDRAKANT	Group 15	<u>Rutu</u>
18	2023077985	CHAVAN AMIT SANJAY		<u>Chavan</u>
25	2023077981	DIVTNKAR SNEHAL SHRIKANT		<u>Divtnkar</u>
38	2023077990	MULLA AFTAB MEHABUB	Group 16	<u>Mulla</u>
17	2023077957	BHALEKAR SAHIL YUVRAJ		<u>Sahil</u>
55	2023079553	ISATHE SHWETA SANDIP		<u>Shweta</u>
37	2023077958	PATIL SAKSHI ANIL	Group 17	<u>Sakshi</u>
19	2023080348	SHALGAR NISHA RAJESH		<u>Shalgar</u>
47	2023079625	VISHWAJIT MANASING SALUNKHE		<u>Vishwa</u>
12	2023078354	APATE AVADHUT APPASAHEB	Group 18	<u>Apate</u>
52	2023079007	MIRAJKAR NIKHIL SANDEEP		<u>Mirajkar</u>
24	2023078352	KANGRALKAR HARSHADA ANKUSH		<u>Kangralkar</u>
54	2023079535	SUTAR BALASAHEB DATTATRAYA		<u>Sutar</u>

  
**HOD**  
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 A<sup>10</sup> Hadgaon, Tal. Gar<sup>10</sup>



Dinkarrao K. Shinde Smarak Trust's

**DR. A. D. SHINDE**

COLLEGE OF ENGINEERING

Gadhinglaj A/P: Bhudgaon, Tal- Gadhinglaj, Dist- Kolhapur

**Department of Electronics & Computer Science.**

**Student Best Project Award**

Sr. No	Name of the students	Event	Prize
1	Avadhut Appasaheb Apate	Mini Project Competition under Lead College Cluster, Shivaji University Kolhapur.	Winner
2	Nikhil Sandeep Mirajkar		
3	Harshada Ankush Kangralkar		



*A Mini Project Report on*  
**IC Tester, Electronics Components  
Tester Kit**



*Submitted in partial fulfillment of the requirements of semester-6<sup>th</sup>  
for the award of degree of  
Bachelor of Technology*

*Submitted by*

<b>Mr. Avadhut Appasaheb Apate</b>	<b>PRN: 2023078354</b>
<b>Mr. Nikhil Sandeep Mirajker</b>	<b>PRN: 2023079007</b>
<b>Ms. Harshada Ankush Kangralkar</b>	<b>PRN: 2023078352</b>
<b>Mr. Balasaheb Dattatraya Sutar</b>	<b>PRN: 2023079535</b>

*Under the guidance of*  
**Prof. I. M. TRASGAR**

**Assistant Professor & HOD, Electronics & Computer Science**

**DADSCOE, Bhadgaon**



*Submitted to*

Dinkarrao K. Shinde Smarak Trust's  
**DR. A. D. SHINDE COLLEGE OF ENGINEERING.**  
Bhadgaon, Gadhingaj, Dist. Kolhapur Pin-416502  
**Department of Electronics & Computer Science**  
Academic Year 2024-25

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## Introduction

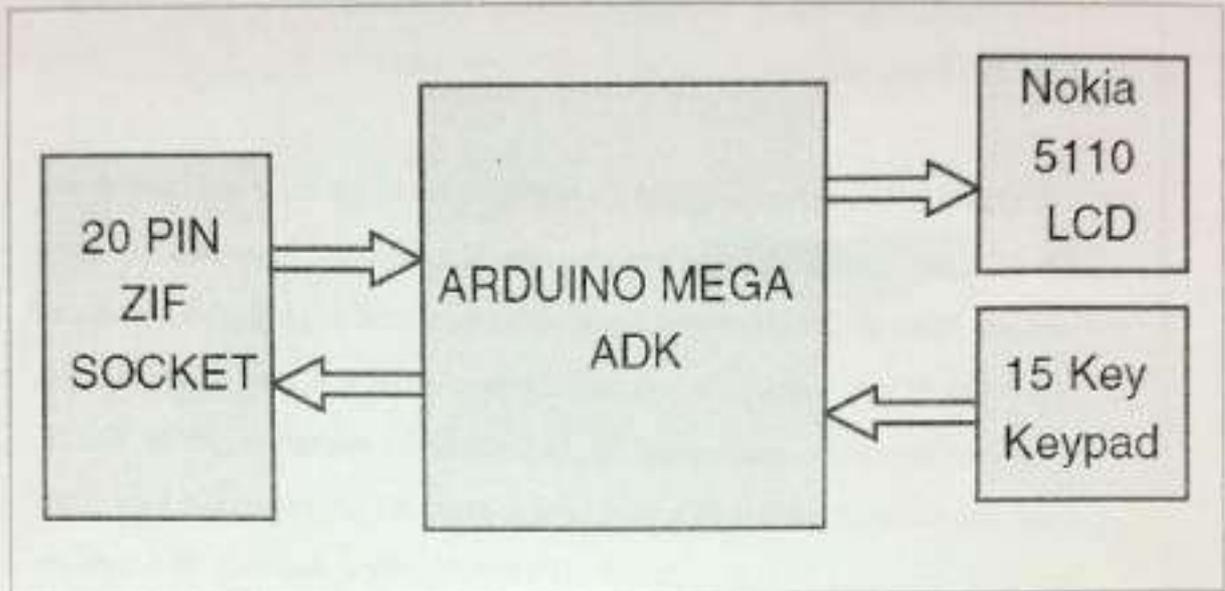
The Digital IC Tester project aims to design and develop a comprehensive testing system for digital integrated circuits (ICs). The tester will be capable of evaluating the functionality and performance of various digital ICs, including logic gates, flip-flops, counters, and other digital components.

Unlike the IC testers available in the market today which are usually expensive, this IC tester is affordable and user-friendly. This IC tester is constructed using Arduino Nano & Arduino Mega Board with a keyboard and a display unit. It can test digital ICs having a maximum of 24 pins. Since it is programmable, any number of ICs can be tested within the constraint of the memory available. This IC tester can be used to test a wide variety of ICs which includes simple logic gates and also sequential and combinational ICs like flip-flops, counters, shift registers etc. It is portable and easy to use.

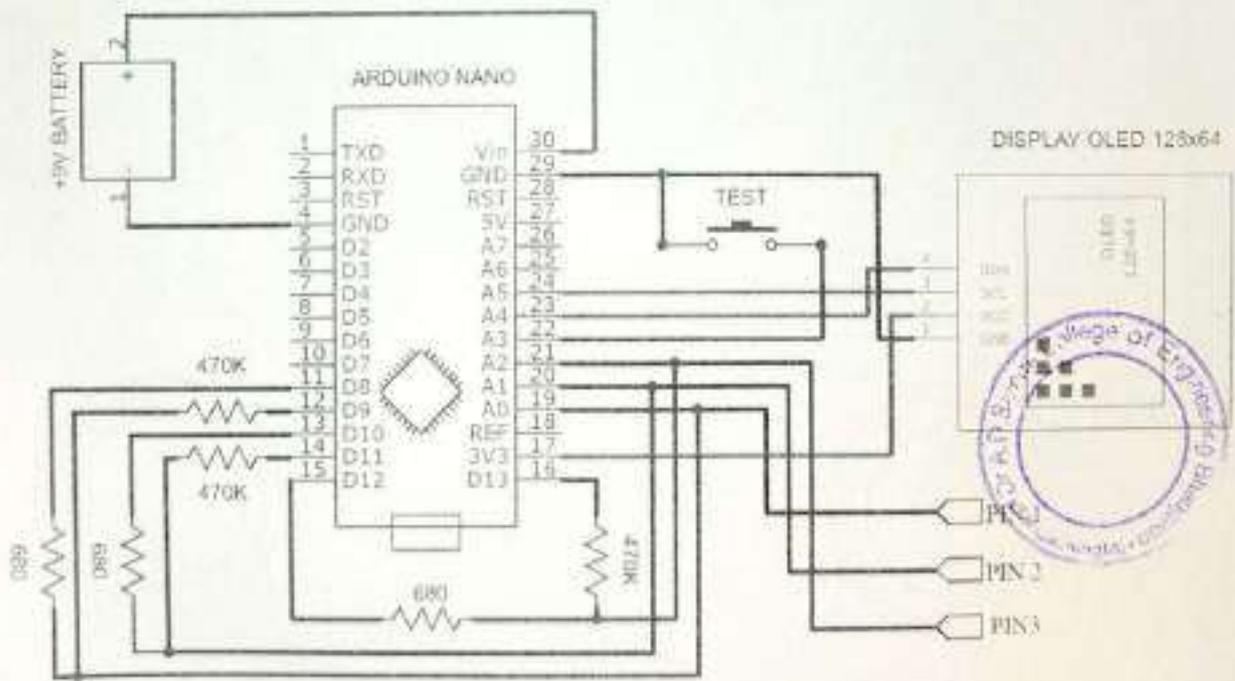


## Block Diagram

### IC Tester Using Arduino Mega



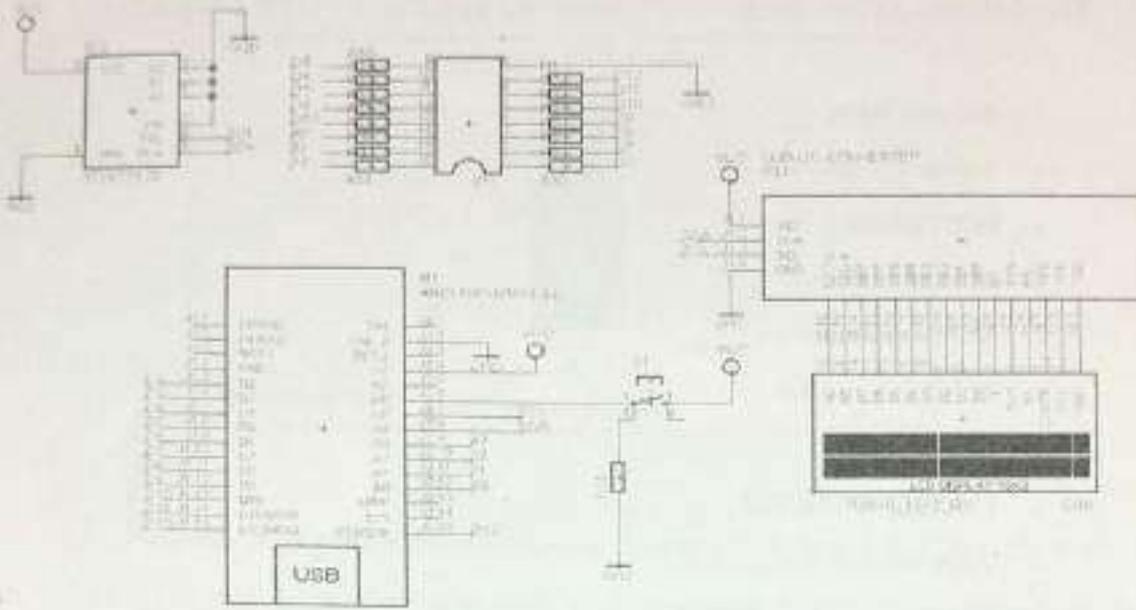
### Component Tester using Using Arduino Nano



CIRCUITDIAGRAMS.IN

ELECTRO GADGET

## Circuit Diagram Using Arduino Nano



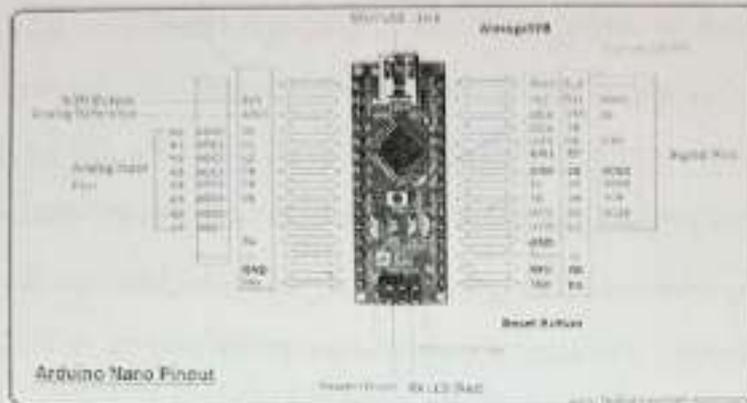
## Hardware Components

The following hardware components are used in the project:

- Arduino Nano
- Arduino Mega ADK
- OLED Display
- 470kOhm Resistors
- 680kOhm Resistors
- Arduino Nano 3.0
- Hex Keypad
- EEPROM IC 24LC512
- 7809 Voltage Regulator IC
- 7805 Voltage Regulator IC
- Resistors 480 Ohms
- Power Cord
- Zero Pcb Board
- Connecting Wires
- Soldering Iron Kit
- 16\*2 LCD Display
- DC Push Switch
- 12v Dc Power Supply
- CardBoard
- Arduino Mega 2560
- All Types Ic's (74xx Series, 40xx Series, 54xx Series)
- Capacitor,s For Testing
- 10K, 470k, 680k Resistors
- 19. I2C LCD Connector
- 20. Zip Socket 20 Pin IC Holder
- 21. 8 Pin IC Holder For EEPROM IC
- 22. IC 7432, 7408, 7400,7404, 7486,74286, 7420, . 7474,7476
- 23. IC Heat Sink Plate1)



## 1) Arduino Nano



Arduino is a microcontroller-based development board that comes with a simple programming environment. It allows users to control various types of electronic components, such as motors, sensors, lights, and more, through easy-to-understand code.

The Arduino Nano is a small, complete, and breadboard-friendly board based on the ATmega328 (Arduino Nano 3.x). It has more or less the same functionality of the Arduino Duemilanove, but in a different package. It lacks only a DC power jack, and works with a Mini-B USB cable instead of a standard one.

**VIN:** The input voltage to the Arduino/Genuino board when it is using an external power source (as opposed to 5 volts from the USB connection or other regulated power source). You

can supply voltage through this pin, or, if supplying voltage via the power jack, access it through this pin.

**5V:** This pin outputs a regulated 5V from the regulator on the board. The board can be supplied with power either from the DC power jack (7 - 20V), the USB connector (5V), or the VIN pin of the board (7-20V). Supplying voltage via the 5V or 3.3V pins bypasses the regulator, and can damage the board.

3V3: A 3.3 volt supply generated by the on-board regulator. Maximum current draw is 50 mA.

GND: Ground pins.

IOREF: This pin on the Arduino/Genuino board provides the voltage reference with which the microcontroller operates. A properly configured shield can read the IOREF pin voltage and select the appropriate power source, or enable voltage translators on the outputs to work with the 5V or 3.3V.

Reset: Typically used to add a reset button to shields that block the one on the board.

#### Special pin functions

Each of the 14 digital pins and 6 analog pins on the Uno can be used as an input or output, under software control (using `pinMode()`, `digitalWrite()`, and `digitalRead()` functions). They operate at 5 volts. Each pin can provide or receive 20 mA as the recommended operating condition and has an internal pull-up resistor (disconnected by default) of 20-50K ohm. A maximum of 40mA must not be exceeded on any I/O pin to avoid permanent damage to the microcontroller. The Uno has 6 analog inputs, labeled A0 through A5; each provides 10 bits of resolution (i.e. 1024 different values). By default, they measure from ground to 5 volts, though it is possible to change the upper end of the range using the AREF pin and the `analogReference()` function.

In addition, some pins have specialized functions:

Serial/UART: pins 0 (RX) and 1 (TX). Used to receive (RX) and transmit (TX) TTL serial data. These pins are connected to the corresponding pins of the ATmega8U2 USB-to-TTL serial chip.







## Programming

### **Software Components:**

#### **A. Arduino IDE**

Platform: The Arduino Integrated Development Environment (IDE) is used to write and upload the code to the Arduino board.

Programming Language: The code is written in C/C++ using Arduino-specific libraries and functions.

#### **B. Libraries:**

We use Wire.h for I2C communication, RTCLib.h for RTC (DS3231) power.

#### **A. Key Software Functions**

The Arduino initializes the RTC and DHT sensor.

The time is fetched from the RTC and displayed on the LCD.

The program updates every second, keeping the time synchronized and the temperature reading current.



## EEPROM IC Data Reader And IC Code Data Uploader

**Example:-**

S7485

16

0100HLLG0101011V

1001LLHG1010100V

1100HLLG1010101V

0001LLHG0101010V

1100HLLG1001001V

0001LLHG0110110V

1100HLLG0111001V

0001LLHG1000110V

1001HLLG0011001V

0100LLHG1100110V

1010LHLG0011001V

0101LLL1G1100110V



## Advantages

1. **Accurate Testing:** IC tester kits provide accurate testing results, helping to identify faulty ICs and ensure that only functional ICs are used in electronic projects.
2. **Time-Saving:** IC tester kits can save time by quickly identifying faulty ICs and eliminating the need for manual testing.
3. **Improved Troubleshooting:** IC tester kits can aid in troubleshooting electronic circuits by quickly identifying faulty ICs and helping to diagnose issues.

## Disadvantages

1. **Limited IC Support:** Some IC tester kits may only support a limited range of ICs, which can be a limitation for users who need to test a wide range of ICs.
2. **Maintenance and Repair:** Some IC tester kits may require regular maintenance and repair, which can be time-consuming and costly.
3. **Space Requirements:** Some IC tester kits can be bulky and require a significant amount of space, which can be a limitation for users with limited workspace.
4. **Cost:** While IC tester kits can be cost-effective, some kits can be expensive, especially those with advanced features and capabilities.



## FEATURES

1. An IC tester is normally compact, rugged and easy to use.
2. It is a portable device.
3. It can automatically test variety of digital ICs of 6, 8, 10, 14, 16, 18, 20, 24, 28, and 40 pins.
4. Self testing facility through 'PIN TEST FACILITY' of the keyboard.
5. Facility to identify the IC number using 'AUTO FIND' of selective IC only.

## IC TESTING CATLOG

Author's prototype was used to test the following ICs successfully: 4000, 4001, 4002, 4011, 4012, 4023, 4025, 4029, 4030, 4049, 4050, 4068, 4069, 4070, 4071, 4072, 4073, 4075, 4077, 4081, 4082, 4093, 5408, 5409, 5411, 5421, 5479, 7266, 7400, 7401, 7402, 7403, 7404, 7405, 7408, 7409, 7410, 7411, 7412, 7414, 7420, 7421, 7427, 7430, 7432, 7473, 7474, 7476, 7478, 7479, 7486, 74132 and 74393.



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**Dr. A. D. Shinde College of Engineering, Bhadgaon.**  
**SUMMARY OF FINAL YEAR PROJECTS**

Sr. No	Department	Year	No of students	No of projects
1	Mechanical Engg.	2024-25	27	06
2	Electrical Engg.		24	06
3	Civil Engg.		56	12
4	Electronics & Computer Science		NA	NA
5	Computer Science & Engg.		NA	NA



  
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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 KHANDERAO		
	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		
	2021072462	DHURI VINAYAK MARUTI		
G04	2021072610	MOHITE KIRAN SHIVAJI	Power Generation using Gym equipments.	Mr. K. S. Joshi
	2021072082	SALOKHE ADITYA ARUN		
	2021071690	JADHAV NITEESH DASHARATH		
	2021072339	PATIL SIDDHANT DATTATRAY		
	2018092848	PATIL AKSHAY VASANT		
G 05	2016106433	DEVADKAR TEJASHRI I	Smart IOT based robotic nurse with multi language voice interactivity.	Dr. S. A. Mehta
	2021072285	HUNDALEWADKAR NIKHIL S		

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

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



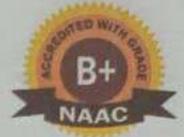
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Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502

**Department of Mechanical Engineering**

**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

### PRN.NO

Mr. Sonu Saurav Ashok Kumar Singh

2022086385

Mr. Desai Pravin Shivgonda

2022086987

Mr. Patil Rahul Shivaji

2022086731

Mr. Sonale Dipak Balaso

2022079008

Mr. Desai Jayant Khanderao

2022086799

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

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Prof. G. M. Kumbhar

Head of Department

Vice Principal

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Dr. Vireshkumar G. Mahad

Dean Academics

Signature with date

Name of Examiners

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**Department of Mechanical Engineering**  
**Academic Year 2024-25**



**CERTIFICATE**

*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)**

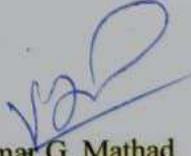
**Mr. Rohit Y. Ramase (PRN:2022086971)**

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

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Prof. Kishor S. Joshi  
Guide

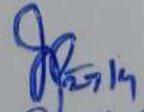
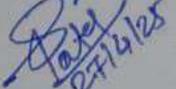
  
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**Dean Academic**  
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Name of Examiners

Signature with date

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

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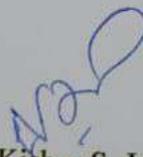
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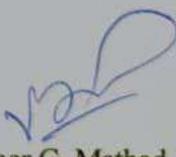
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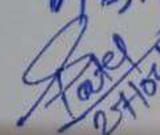
  
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**Department of Mechanical Engineering**  
**Academic Year 2024-25**



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<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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2) Mr. S. S. Patel -

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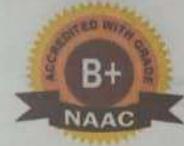
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Dr. A. D. Shinde College of Engg.  
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Prof. G. M. Kumbhar

Head of Department

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

Signature with date

Name of Examiners

Prof. I. T. Patel. -

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



Dinkarrao K. Shinde Smarak Trusts

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

Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502

**Department of Electrical Engineering**  
**Academic Year 2024-25**



### Project Diary 2024-2025

ROLL No	PRN	Student Name	Group	Guide	Topic Name
1	2022078860	PATIL SHRAVAN S. ALIAS SHEKHAR	EEO1	Dr. Vireshkumar Mathad	Design and performance analysis of KCL and KVL laboratory kit
2	2021073440	PATIL KARAN NITIN			
3	2022086369	SUTAR AVADHUT GANAPATI			
4	2022086495	HUJARE RANJEET RANGARAO			
5	2022085721	KAMBLE ROHIT RAJAN	EEO2	Prof. Amar Bandekar	Design and performance analysis of Ohm's law laboratory kit
6	2022078741	PATIL VIVEK SUNIL			
7	2022086468	KOTHAVALA VIJAY VASANT			
8	2022078739	KAMBLE SHRUTIKA HANMANT			
9	2022078767	DANG VINAY VISHWANATH	EEO3	Prof. S. C. Gandh	Design and performance analysis of power measurement using two wattmeter method laboratory kit
10	2022078799	DESAI SHRADDHA PANDURANG			
11	2021072353	PATIL RUSHIKESH RAMESH			
12	2021073469	KITTUR ABHISHEK VINAY			
13	2022086449	THANEKAR MANASI DILIP	EEO4	Prof. S. C. Killedar	Design and performance analysis of measurement of R, L and C laboratory kit
14	2021073460	PEDNEKAR RAHUL			
15	2021072386	SHINDE PRASHANT			
16	2021073467	DESAI ARPITA SAMBAJI			
17	2022086450	REGADE MOHINI MAHADEV	EEO5	Prof. A. S. Boragave	Design and performance analysis of lamp characteristics verification laboratory kit
18	2022087180	MALI PALLAVI DILIP			
19	2021072385	JADHAV SOURABH DHANAJI			
20	2022086368	SARASWATI DAVARI			
21	2021072360	DHABALE ASMITA MARUTI	EEO6	Prof. Basavaraj Angadi	Design and performance analysis of one lamp from two place and one lamp from three place laboratory kit
22	2021072388	SANAGAR SAMARTH VIJAY			
23	2021072375	PARLE DIGVIJAY SATAPPA			
24	2022086453	Komal J Patil			

**DR. A. D. SHINDE COLLEGE OF ENGINEERING, BHADGAON, GADHINGLAJ****DEPARTMENT OF CIVIL ENGINEERING****PROJECT GROUPS : 2024-25**

Sr. No.	Group No.	PRN No.	STUDENT NAME	PROJECT NAME	GUIDE NAME
1	CE-01	2021072908	BHOSALE AVINASH TUKARAM	Comparative Study of Design of Water Tank with reference to IS:3370	MR. A. S. MADKARI (8600230152)
2		2022087146	BHAT VAISHNAVI NETAJI		
3		2021072784	BIRAJDAR MADHAV SUDHAKAR		
4		2021072087	CHAVAN AKSHAY RAMU		
5		2021072122	SHENDE VIKAS SARJERAO		
6	CE-02	2021072851	CHAVAN RUTWIK RAGHUNATH	Partial Replacement of Cement with Biochar	MR. S. R. WADAGULE (9970035875)
7		2022084716	CHAVAN SANTOSH DHANAJI		
8		2021072045	CHOPADE INDRAKUMAR RAMESH		
9		2021072794	DESAI AJINKYA ANNASAHEB		
10		2022084994	GURAV ADITYA RAJENDRA		
11	CE-03	2022086488	DESAI PRUTHVIRAJ DATTATRAY	Electricity Generation from Solid Waste	MS. P. S. SHIRAGAVI (9850083107)
12		2021072221	DESAI ROHIT MAHENDRA		
13		2022087016	DESAI SURAJ NARAYAN		
14		2022087305	PATIL RAHUL SHIVGOUDA		
15		2022086781	DHULUGADE PRATHAMESH SANJAY		
16	CE-04	2022086516	GAWADE MAYURI MASHNU	Climate Impact on Water Resources	MR. V. S. PATIL (8308842332)
17		2022086532	GHAVARE AMOL ASHOK		
18		2021072646	HAJARE SWAPNIL ASHOK		
19		2022086755	INGALE SHIVRAJ JAYSING		
20		2021072347	KOKITKAR SANTOSH VIJAY		
21	CE-05	2022087063	JADHAV VAIJAYANTIMALA CHANDRA	Parametric Study on Structural Behaviour of Mast/Transmission Towers & also Design of Connections	MR. A. S. MADKARI (8600230152)
22		2020075906	KAMBLE BHUSHAN BABAN		
23		2022078764	KAMBLE HARISH EKNATH		
24		2022087061	KAMBLE MAHESH BALU		
25		2022078968	KULKARNI ANIRUDDHA UMESH		
26	CE-06	2022085641	KUMBHAR KRISHNAT RAGHUNATH	Experimental Study on Behaviour of Concrete by using Rice husk & Weld slag	MR. S. R. WADAGULE (9970035875)
27		2022087105	LOHAR SHIRISH ASHOK		
28		2021071974	MASKAR PAVAN RAJENDRA		
29		2022086483	MATIWADD MANASI ANIL		
30	CE-07	2022085254	MORBALE SHUBHAM VILAS	Study of Traffic Volume & its Safety measures on National Highway	MR. R. V. SAVYANAVAR (7887590731)
31		2021072055	SAWANT AVISHKAR HINDURAO		
32		2021071860	MORE SANKET GANAPATI		
33		2022085174	NANDUDKAR SHUBHAM SHIVAJI		
34		2022086742	NARATAVADEKAR VINAYAK DEELIP		
35	CE-08	2021071885	PAKHANE ROHIT HIRAMAN	Green Energy & Indoor Technologies for Smart Building	MS. P. S. SHIRAGAVI (9850083107)
36		2021071903	PALASULE PRATHAMESH DAYANAND		
37		2022086472	PANORI MAHESHANAND MAHADEV		
38		2022086511	PATIL ABHIRAJ ANNASAHEB		
39		2022086786	PATIL AMRUTA KRISHNAT		

40	<b>CE-09</b>	2022086496	PATIL ANIKET JAYSING	Study on Fiber Reinforced Concrete with M-Sand	MS. V. V. CHOUGULE (7887590731)
41		2021073418	PATIL KETAN NAGESH		
42		2022086382	PATIL RASIKA MANOHAR		
43	<b>CE-10</b>	2022086969	PATIL SAMARJEET SUJITKUMAR	Soil Stabilisation by using Lime & Fly ash	MR. R. V. SAVYANAVAR (7887590731)
44		2022086703	PATIL SANDHYA NAMDEV		
45		2022086533	PATIL SANKET SUBHASH		
46		2022085516	PATIL SHRIDHAR YASHVANT		
47		2022086797	POWAR SATYAJIT SHASHIKANT		
48	<b>CE-11</b>	2022084534	RANE RAHUL NIVRITI	Innovative Technologies for Water Conservation in Warming Climate	MR. V. S. PATIL (8308842332)
49		2022087020	SARAVADE MILIND ANANDA		
50		2021071920	SHAIKH SAJID RAJMAHMAD		
51		2020076371	SUTAR VISHAL DHANAJI		
52		2021072840	TAMBEKAR VINAYAK DATTATRAY		
53	<b>CE-12</b>	2021074343	GAWAS DNYANESHWAR DATTU	Visual Analysis & Structural Audit	MS. V. V. CHOUGULE (7887590731)
54		2021072091	KAMBLE AKASH DATTATRAY		
55		2022086734	SANGAR PRATIK RAJENDRA		
56		2022086975	KORGAONKAR SANKET ANIL		



  
**HOD**  
 Dept. of Civil Engineering  
 Dr. A. D. Shinde College of Engineering  
 A/o. Bhadgaon, Gadhinglaj.



Dinkarrao K. Shinde Smarak Trusts

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

Bhadgaon, Gadhinglaj, Dist: Kolhapur Pin:416502

**Department of Civil Engineering**

**Academic Year 2024-25**

**CERTIFICATE**

*This is to certify that Project titled "Road Safety Audit On National Highway 40 From Nandyal To Kurnool" is a bonafide work of*

**Mr. Vinayak Deelip Naratavadekar (PRN: 2022086742)**

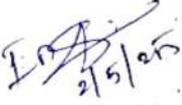
**Mr. Shubham Shivaji Nandudkar (PRN: 2022085174)**

**Mr. Shubham Vilas Morbale (PRN: 2022085254)**

**Mr. Sanket Ganapati More (PRN: 2021071860)**

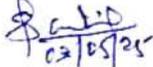
*This project report fulfills the academic requirements prescribed for the award of Bachelor of Technology degree in Civil Engineering during the academic year 2024-25.*

  
Prof. R. V. Savyanavar  
Guide

  
Prof. A. S. Madakari  
Head of Department

  
Dr. Vireshkumar G. Mathad  
Dean Academic  
Dr.A.D.Shinde College of Engineering  
Bhadgaon, Tal.Gadhinglaj, Dist.Kolhapur

Name of Examiners *Ms. Patil S.S.*

Signature with date   
*02/05/25*





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

Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502

**Department of Civil Engineering**

**Academic Year 2024-25**

**CERTIFICATE**

*This is to certify that Project titled "Experimental Study of Concrete Canvas" is a bonafide work of*

**Mr. Krishnat R. Kumbhar (PRN: 2022085641)**

**Mr. Shirish A. Lohar (PRN: 2022087105)**

**Mr. Pavan R. Maskar (PRN: 2021071974)**

**Miss. Manasi A. Matiwadd (PRN: 2022086483)**

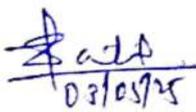
*This project report fulfills the academic requirements prescribed for the award of Bachelor of Technology degree in Civil Engineering during the academic year 2024-25.*

  
Prof. S. R. Wadagule  
Guide

  
Prof. A. S. Madakari  
Head of Department

  
Dr. Vireshkumar G. Mathad  
Dean Academic  
Dr.A.D. Shinde College of Engineering  
Bhadgaon, Tal. Gadhinglaj, Dist. Kolhapur

Name of Examiners **Mr. Patil V.S.**

Signature with date   
03/05/25

Dinkarrao K. Shinde Smarak Trusts

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

Bhadgaon, Gadhinglaj, Dist: Kolhapur Pin:416502

**Department of Civil Engineering**

**Academic Year 2024-25**



**CERTIFICATE**

*This is to certify that Project titled "**CLIMATIC IMPACT ON WATER RESOURCES**" is a bonafide work of*

**Mr. Shivraj J. Ingale**

**PRN:2022086755**

**Mr. Amol A. Ghavare**

**PRN:2022086532**

**Ms. Mayuri M. Gawade**

**PRN:2022086516**

**Mr. Swapnil A. Hajare**

**PRN:2021072646**

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

Prof. V. S. Patil  
Guide

Prof. A. S. Madakari  
Head of Department

Dr. V. G. Mathad  
Dean Academics  
**Dean Academic**

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

Name of Examiners **Ms. Patil V.S.**

Signature with date **02/05/25**



Dinkarrao K. Shinde Smarak Trusts

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

Bhadgaon, Gadhinglaj, Dist: Kolhapur Pin:416502

**Department of Civil Engineering**

**Academic Year 2024-25**



**CERTIFICATE**

*This is to certify that Project titled "ELECTRICITY GENERATION FROM SOLID WASTE" is a bonafide work of*

**Mr. Pruthviraj D. Desai**

**PRN:2022086488**

**Mr. Prathmesh S. Dhulugade**

**PRN:2022086781**

**Mr. Rahul S. Patil**

**PRN:2022087305**

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

Prof. Ms. P. S. Shiragavi  
Guide

Prof. A. S. Madakari  
Head of Department

Dr. V. G. Mathad  
Dean Academics

Name of Examiners **Mr. Patil U.S.**

Signature with date **Patil**  
**03/05/25**



Dinkarrao K. Shinde Smarak Trusts  
**DR. A. D. SHINDE COLLEGE OF ENGINEERING.**  
Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502  
**Department of Civil Engineering**  
**Academic Year 2024-25**



**CERTIFICATE**

This is to certify that Project titled **“LOW WEIGHT SUSTAINABLE CONCRETE WITH BAGASSE ASH”** is a bonafide work of

**Miss. Vaishnavi N. Bhat**

**PRN: 2022087146**

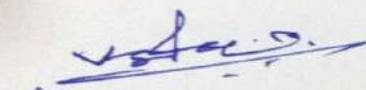
**Mr. Avinash T. Bhosale**

**PRN: 2021072908**

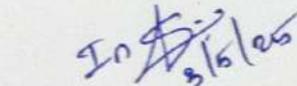
**Mr. Madhav S Birajdar**

**PRN :2021072784**

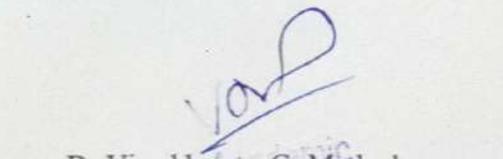
This project report fulfills the academic requirements prescribed for the award of Bachelor of Technology degree in Civil Engineering during the academic year 2024-25.

  
Prof. A.S.Madakari

Guide

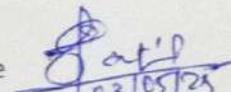
  
Prof. A.S.Madakari

Head of Department

  
Dr. Vireshkumar G. Mathad  
Dean Academics  
Dr. A. D. Shinde College of Engineering  
Bhadgaon, Tal. Gadhinglaj, Dist. Kolhapur

Name of Examiners **Mr. Patil V.S.**

Signature with date

  
03/05/25



Dinkarrao K. Shinde Smarak Trusts  
**DR. A. D. SHINDE COLLEGE OF ENGINEERING.**  
Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502  
**Department of Civil Engineering**  
**Academic Year 2024-25**

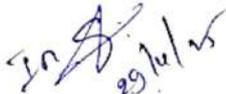
**CERTIFICATE**

*This is to certify that Project titled "Tunnel Formwork Technology" is a bonafide work of*

**Mr. Indrakumar R. Chopade** (PRN: 2021072045)  
**Mr. Ajinkya A. Desai** (PRN: 2021072794)  
**Mr. Santosh D. Chavan** (PRN: 2022084716)

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

  
Prof. S/R. Wadagule  
Guide

  
Prof. A. S. Madkari  
Head of Department

  
Dr. V. G. Mathad  
Dean Academics  
Dean Academic  
Dr.A.D.Shinde College of Engineering  
Bhadgaon, Tal. Gadhinglaj, Dist. Kolhapur

Name of Examiners **Mr. Patil U.S.**

Signature with date   
29/12/25



Dinkarrao K. Shinde Smarak Trusts

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

Bhadgaon, Gadhinglaj, Dist: Kolhapur Pin:416502

**Department of Civil Engineering**

**Academic Year 2024-25**

**CERTIFICATE**

*This is to certify that Project titled "Green Energy and Indoor Technology for Smart Buildings" is a bonafide work of*

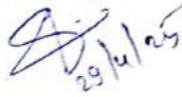
**Mr. Maheshanand Mahadev Panori (PRN: 2022086472)**

**Mr. Abhiraj Annasaheb Patil (PRN: 2022086511)**

**Mr. Prathemesh Dayanand Palsule (PRN: 2021071903)**

**Mr. Rohit Hiranman Pakhane (PRN: 2021071885)**

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

  
29/11/25

Prof. Pooja S. Shiragavi  
Guide

  
29/11/25

Prof. A. S. Madakari  
Head of Department



Dr. Vireshkumar G. Mathad  
Dean Academics

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

Name of Examiners *Ms. Patil S.S.*

Signature with date *2025*  
10/3/25





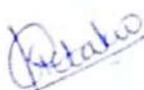
Dinkarrao K. Shinde Smarak Trusts  
**DR. A. D. SHINDE COLLEGE OF ENGINEERING**  
Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502  
**Department of Civil Engineering**  
**Academic Year 2024-25**

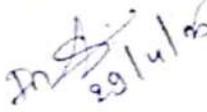
**CERTIFICATE**

*This is to certify that Project titled "Study On Fiber Reinforced Concrete With M-Sand" is a bonafide work of*

Miss. Amruta Krishnat Patil	(PRN: 2022086786)
Miss. Rasika Manohar Patil	(PRN: 2022086382)
Mr. Aniket Jaysing Patil	(PRN: 2022086496)
Mr. Ketan Nagesh Patil	(PRN: 2021073418)
Mr. Dnyaneshwar Dattu Gawas	(PRN: 2021074343)

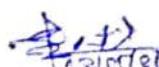
*This project report fulfills the academic requirements prescribed for the award of Bachelor of Technology degree in Civil Engineering during the academic year 2024-25.*

  
Prof. Ketakee Gurav  
Guide

  
Prof. A. S. Madakari  
Head of Department

  
Dr. Vireshkumar G. Mohad  
Dean Academics  
Dr.A.D. Shinde College of Engineering  
Bhadgaon, Tal. Gadhinglaj, Dist. Kolhapur

Name of Examiners *Ms. Patil S.S.*

Signature with date   
*29/11/25*

Dinkarrao K. Shinde Smarak Trusts

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

Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502

**Department of Civil Engineering**

**Academic Year 2024-25**



**CERTIFICATE**

*This is to certify that Project titled "Innovative Technologies for Water Conservation in Warming Climate" is a Bonafide work of*

**Mr. VINAYAK D. TAMBEKAR** PRN:2021072840

**Mr. VISHAL D. SUTAR** PRN:2020076371

**Mr. SAJID R. SHAIKH** PRN:2021071920

**Mr. MILIND A. SARAVADE** PRN:2022087020

**Mr. RAHUL N. RANE** PRN:2022084534

*This project report fulfils the academic requirements prescribed for the award of Bachelor of Technology degree in Civil Engineering during the academic year 2024-25.*

Prof. V. S. Patil  
Guide

Prof. A. S. Madakari  
Head of Department

Dr. V. G. Mathad  
Dean Academics  
**Dean Academic**

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

Name of Examiners **Mr. Patil V.S.**

Signature with date