

Financial Support Provided for Faculty Development Program



दिनकरराव के. शिंदे स्मारक ट्रस्ट संचालित

खाते

डॉ. ए. डी. शिंदे कॉलेज ऑफ इंजिनिअरिंग

द्वौचर नं. :

गुडाई, भडगांव, ता. गडहिंगलज, जि. कोल्हापूर - ४१६ ५०२

दिनांक : १५/०१/२०२५

नम. K. S. Patil

पावती लिहून देणार श्री.

पत्ता : CAD Center, Gadhwinglej

तपशील	रक्कम
two - days faculty development program on 'solid works' on 13/01/2025 to 14/01/2025	6,000/-
six thousand only	6,000/-
अक्षरी रु.	रक्कम घेणाऱ्याची सही K. S. Patil

लेखापाल

कार्यालय अधिकारक

प्राचार्य
[Signature]



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दिनकरराव के. शिंदे स्मारक ट्रस्ट संचलित

खाते

डॉ. ए. डी. शिंदे कॉलेज ऑफ इंजिनिअरिंग व्हैचर नं. :

गुड्हाई, भडगांव, ता. गडहिंलज, जि. कोल्हापूर - ४१६ ५०२

दिनांक : २०/०७/२०२४

Mr. Harsh Ghodake

पावती लिहून देणार श्री.

पत्ता : Design Engineer, 3-D printing and Innovation Pvt. Ltd.

तपशील	रक्कम
Two - days FDP on "3-D printing" on 18/07/2024 to 20/07/2024	5,000/-
एकूण	5,000/-
अक्षरी रु. Five thousand only	रक्कम घेणाऱ्याची सही <i>Harsh</i>

लेखापाल

कार्यालय अधिकार

~~प्राचार्य~~
प्राचार्य



Support Provided for Higher Education



ADMISSION ORDER

This is to certify that the following candidate had applied for admission to PhD program. Based on the merit, she/he has been provisionally selected for admission at our constituent institution for the academic year 2025-26.

Name	ABHIJIT SURESH BORGANVE	Registration No	251099001024
Category	Part Time General	Rank	
Program Admitted	PhD	Institution	Manipal Institute of Technology, Manipal

Documents Submitted for Verification

- PG Marks Card/s
- PG Degree Certificate
- UG Marks Card/s
- UG Degree Certificate
- Experience Certificate
- No Objection Certificate
- Fees
- Copy of Parent/ Candidate PAN Card
- Letter of Undertaking
- Photographs
- Copy of Candidates Aadhar Card
- Copy of APAAR ID

Documents Not Verified

This Admission Order will serve as provisional ID card till the original ID card is issued.

Note: Please note that subsequent annual program fees must be paid on or before the deadline specified by the respective institution.

M Prabhu

Director (Admissions)

STN/128/25/512511404

Dated : 13/08/2025



Note: Counseling/Admission is subject to any further directions issued by Court of law/ or Statutory authorities

All admissions are subject to fulfillment of all the eligibility conditions by the candidate. If it is found at a later stage, during active verification, that the candidate has given false information / certificate or is found to have concealed some information, his/her admission will be cancelled without any notice. Jurisdiction for dispute if any shall be at Udupi court Karnataka state only.

Value Added Courses



Dinkarrao K. Shinde Smarak Trusts

DR. A. D. SHINDE COLLEGE OF ENGINEERING

Bhadgaon, Gadchinglaj. Dist: Kolhapur Pin: 416502



VALUE ADDED COURSES

1.2.2 & 1.2.3 Number of Add on /Certificate/Value added programs offered during the year

Sr. No.	Name of Add on /Certificate/Value added programs offered	Year of offering	Duration of course (Weeks)	Number of students enrolled in the year	Total number students
List of Add on /Certificate/Value added programs offered during A.Y. 2024-25					
1	Design of steel structure using Staad Pro (CE)	2025	32	96	470
2	3D Max (CE)	2024	30	39	
3	Workshop on Additive manufacturing (3D Printing) (ME)	2025	36	71	
4	Workshop on SolidWorks Software (ME)	2025	36	44	
5	Mastering Electrical Soldering and Lug Wring Techniques (EE)	2025	34	32	
6	Electrical Design, Estimation and costing of Wring System (EE)	2024	30	18	
7	Cyber Security (CS)	2025	50	60	
8	Machine Learning (CS)	2025	50	44	
9	Internet of Things (ECS)	2025	36	39	
10	Python Programming (ECS)	2025	36	27	





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Bhadgaon, Gadchinglaj, Dist: Kolhapur Pin: 416502

Academic Year 2024-25

Department of Civil Engineering



Civil Engineering

Value Added Courses

Academic Year	Class	Name of the Course	Date & Duration	Student Count
2024-25	Third Year & Final Year	Design of steel structure using Staad Pro	24th & 29th March 2025 (32 Hrs)	96
2024-25	Second Year	3D Max	3 rd To 8 th February (30 Hrs)	39

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



NOTICE

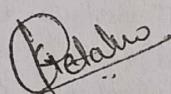
All the students of the Civil Engineering Department of **Dr. A. D. Shinde College of Engineering, Bhadgaon** are hereby informed that the department is organizing a **Certification Course on “3Ds Max for Civil Engineering Applications”** for **Second Year B. Tech Civil Engineering students.**

Instructor: Mr. Akshay Sankpal

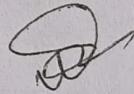
Duration: 03 February 2025 to 08 February 2025

Students are advised to attend all sessions regularly. Active participation will help students enhance their 3D visualization and presentation skills, which are essential in modern civil engineering practice.

All concerned students should take note and act accordingly.



Program Co - Ordinator



Head of department

Department of civil engineering

• HOD

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



Syllabus for course

“3Ds Max for Civil Engineering Applications”

Duration: 03–08 February 2025

Day 1 & Day 2

- Introduction to 3D Visualization in Civil Engineering
- Overview of 3Ds Max Interface and Toolbars
- Viewports, Navigation, and Coordinate Systems
- Basic Modeling Tools and Modifiers

Day 3 & Day 4

- Advanced Building Modeling Techniques
- Editable Poly and Modifier Stack
- Modeling of Structural Components (Walls, Columns, Slabs, Stairs)
- Introduction to Materials and Textures

Day 5

- Lighting Techniques and Camera Setup
- Types of Lights and Their Applications
- Rendering Concepts and Output Settings

Day 6

- Interior and Exterior Visualization
- Walkthrough and Animation Basics
- Final Rendering and Presentation Techniques



REPORT ON COURSE 3Ds Max for Civil Engineering Applications

Course Conducted By: Department of Civil Engineering
Institute: Dr. A. D. Shinde College of Engineering, Bhadgaon
Course Duration: 03 February 2025 to 08 February 2025
Instructor: Mr. Akshay Sankpal
Class: Second Year B. Tech Civil Engineering
Academic Year: 2024–2025

1. Introduction

The Certification Course on “**3Ds Max for Civil Engineering Applications**” was successfully conducted for Civil Engineering students with the objective of enhancing their visualization, modeling, and presentation skills. The course was led by **Mr. Akshay Sankpal**, who possesses strong expertise in architectural visualization and 3D modeling.

3Ds Max is a powerful software widely used in civil engineering and construction fields for creating realistic 3D models, architectural visualizations, walkthroughs, and animations. This course aimed to bridge the gap between conventional 2D drawings and modern 3D visualization techniques used in professional practice.

The program combined theoretical concepts with extensive hands-on training, enabling students to create realistic models of buildings and civil engineering projects.

2. Course Overview and Content

The course was structured to gradually introduce students to 3Ds Max, starting from basic concepts to advanced visualization techniques.

Day 1 & Day 2

- Introduction to 3D Modeling in Civil Engineering
- Overview of 3Ds Max Interface and Tools
- Understanding Viewports, Navigation, and Coordinate Systems
- Basic Modeling Techniques (Lines, Shapes, Modifiers)
- Creation of Simple 3D Objects and Building Components



Day 3 & Day 4

- Advanced Modeling Techniques for Buildings
- Editable Poly and Modifier Stack
- Modeling of Civil Engineering Elements (Walls, Slabs, Columns, Stairs)
- Introduction to Materials and Textures
- Applying Materials for Concrete, Steel, Glass, and Finishes

Day 5

- Lighting Concepts in 3Ds Max
- Types of Lights and Their Applications
- Camera Setup and Views
- Introduction to Rendering Concepts
- Use of Rendering Engines for Realistic Output

Day 6

- Exterior and Interior Visualization
- Creating Walkthroughs and Animations
- Rendering of Complete Building Models
- Exporting Images and Videos for Presentation

3. Learning Outcomes

At the end of the certification course, students were able to:

- Understand the importance of 3D visualization in civil engineering projects.
- Create accurate 3D models of buildings using 3Ds Max.
- Apply realistic materials and textures to civil engineering components.
- Set up lighting and cameras for professional-quality renderings.
- Generate high-quality renders and walkthrough animations.
- Present civil engineering projects effectively using 3D visuals.

4. Student Participation and Feedback

The course received enthusiastic participation from students. Learners actively engaged in hands-on sessions and project-based exercises.

Feedback Highlights:

Positive Aspects:



- Practical and industry-oriented approach of the course.
- Clear explanation of concepts by Mr. Akshay Sankpal.
- Significant improvement in students' visualization and presentation skills.
- Real-time modeling examples helped in better understanding.

Suggestions:

- More advanced sessions on animation and rendering plugins.
- Inclusion of real-time project-based assignments.

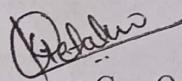
5. Conclusion

The Certification Course on **3Ds Max for Civil Engineering Applications** was highly successful in equipping students with essential 3D modeling and visualization skills. The course helped students understand how modern visualization tools support planning, design, and client presentations in civil engineering projects.

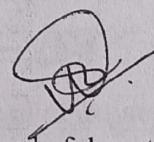
The training added significant value to students' technical skill sets and prepared them for professional requirements in architecture, construction, and infrastructure sectors.

6. Acknowledgment

We express our sincere gratitude to **Mr. Akshay Sankpal** for conducting the course and sharing his valuable knowledge and practical insights. We also thank the Department of Civil Engineering and all participating students for their cooperation and active involvement, which contributed to the success of the program.



Program Co - Ordinator



Head of department

Department of civil engineering



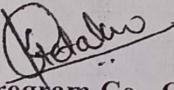
Course outcomes (COs)

After completion of the course, students will be able to:

- CO1: Create accurate 3D models of civil engineering structures using 3Ds Max.
- CO2: Apply materials, textures, and lighting to achieve realistic visualization.
- CO3: Generate interior and exterior views for civil engineering projects.
- CO4: Develop walkthroughs and basic animations for project presentations.
- CO5: Present civil engineering designs effectively using professional-quality renders.

Evaluation procedure

- **Eligibility Criteria:** Students must have a minimum of **75% attendance** to be eligible for assessment.
- **Assessment Method:**
 - Practical modeling exercises
 - Final rendered model submission
 - Viva-voce / Question-Answer session
- **Certification:** Only students who successfully meet the assessment criteria will be awarded the **Course Completion Certificate**.


Program Co - Ordinator


Head of department

Department of civil engineering





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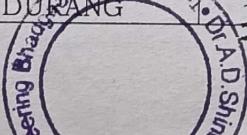
Department of Civil Engineering

Academic Year 2024-25



**ATTENDANCE SHEET – Second Year B. tech.
COURSE 3Ds Max for Civil Engineering Applications**

SR.	PRN	NAME OF THE STUDENT	03/02/25	04/02/25	05/02/25	06/02/25	07/02/25	08/02/25
1	2024061212	ASABE PRANAV PRAKASH	Pranav.	Pranav	Pranav	Pranav	Pranav	Pranav.
2	2024068498	BAGWAN ADAM FIROJ	Blus.	Blus.	Blus.	Blus.	Blus.	Blus.
3	2024066145	BELEKAR KETAN KUNDLIK	BKK	BKK	BKK	BKK	BKK	BKK
4	2024068499	CHOUGALE VAIBHAV VILAS	cuu.	cuu.	cuu.	cuu.	cuu.	cuu.
5	2024060877	DAVARI AMARNATH RAGHUNATH	Davus.	Blus.	Blus.	Davus.	Davus.	Davus.
6	2024061011	DELEKAR PRAJAKTA MARUTI	Prajakta	Prajakta	Prajakta	Prajakta	Prajakta	Prajakta
7	2024061150	DESAI JIDDESH SUDHIR	Desai	Desai	Desai	Desai	Desai	Desai
8	2024062632	DESAI PANKAJ BALVANT	Desai.	Desai.	Desai.	Desai.	Desai.	Desai.
9	2024061469	DESAI SAURABH SANJAY	SDesai	SDesai	SDesai	SDesai	SDesai	SDesai
10	2024065966	DHURI KISHOR MANOHAR	DManohar	DManohar	DManohar	DManohar	DManohar	DManohar
11	2024067809	GAONKAR SHIVAM JAGA	Gud	Gud	Gud	Gud	Gud	Gud
12	2024067310	GORAD AKSHAY GUJRA	AGG.	AGG.	AGG.	AGG.	AGG.	AGG.
13	2024068500	GUNJATE VAIBHAV SHIVAJI	Aal	Aal	Aal	Aal	Aal	Aal
14	2024060709	! GURAV GAYATREEDEVI PANDITKUMAR	Gurus.	Gurus.	Gurus.	Gurus.	Gurus.	Gurus.
15	2024060869	! HIDADUGI MANASWI AMAR	AMH	AMH	AMH	AMH	AMH	AMH
16	2024061261	INGALE PRANAV PANDURANG	Pngale	Pngale	Pngale	Pngale	Pngale	Pngale



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Department of Civil Engineering

Academic Year 2024-25



17	2024065654	JADHAV BHUSHAN SHANKAR	<i>B. Jadhav</i>						
18	2024061207	KAMBLE AKASH SURESH	<i>A. Kamble</i>						
19	2024066159	KAMBLE SHASHANK ANIL	<i>A. Kamble</i>						
20	2024067160	KAMBLE SHUBHAM MADHUKAR							
21	2024061040	KONDUSKAR SANGRAM JAYSING	<i>K. Konduskar</i>						
22	2024069333	! KORI PRACHI MAHESH							
23	2024060733	! KUMBHAR AKSHATA SUNIL	<i>A. Kumbhar</i>						
24	2024060862	KUMBHAR PRADEEP PRAKASH	<i>K. Kumbhar</i>						
25	2024065078	! KURADE ARATI PRAKASH	<i>A. Kurade</i>						
26	2024061244	MAGDUM ADINATH RAMESH	<i>A. Magdum</i>						
27	2024060771	NAIK SANDEEP SHANKAR	<i>M. Naike</i>						
28	2024067342	NIKAM KIRANKUMAR KALLAPA	<i>K. Nikam</i>						
29	2024065645	PATAVEGAR SAIFALI LIYAKAT	<i>P. Patavegar</i>						
30	2024065089	PATIL ADARSH GOVIND	<i>P. Patil</i>						
31	2024061219	PATIL ASHUTOSH SANTOSH	<i>S. Patil</i>						
32	2024061038	PATIL PRUTHVIRAJ SUNIL	<i>P. Patil</i>						
33	2024065763	PATIL ROHIT UTTAM							
34	2024061282	PATIL SANKET BABURAO	<i>P. Patil</i>						
35	2024061258	PATIL SURAJ LAXMAN	<i>S. Patil</i>						
36	2024060997	RHAYAKAR UDDHAV DATTATRAYA							



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Department of Civil Engineering

Academic Year 2024-25



37	2024065085	SASULKAR ABHIJEET ASHOK	<i>Abhijeet</i>	<i>Abhi</i>	<i>Abhi</i>	<i>Abhi</i>	<i>Abhi</i>	<i>Abhi</i>	<i>Abhi</i>
38	2024061134	SUTAR AVINASH ASHOK	<i>Avinash</i>	<i>Avinash</i>	<i>Avinash</i>	<i>Avinash</i>	<i>Avinash</i>	<i>Avinash</i>	<i>Avinash</i>
39	2024068271	SUTAR SHREYASH CHANDRAKANT	<i>S.C. Sutar</i>	<i>S. C. Sutar</i>					

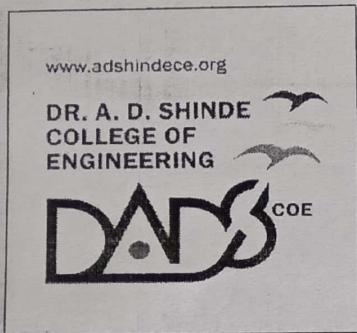
VAP COORDINATOR

HOD
Department of Civil Engineering
Dr. A. D. Shinde College of Engineering
Bhadgaon, Gadhwinglaj



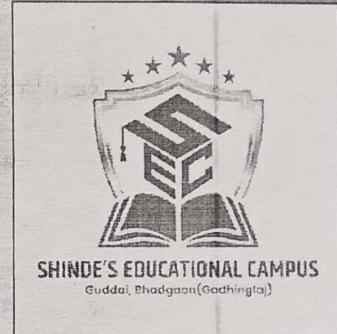
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Dinkarao K Shinde Smarak Trust, Gadhinglaj



Dr. A. D SHINDE COLLEGE OF ENGINEERING

A/P : Bhadgaon, Tal: Gadhinglaj, Dist. . Kolhapur Maharashtra-416502

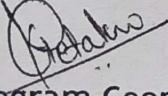


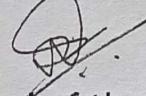
Department of Civil Engineering 3Ds Max Software Certificate

This is to certify that Mr./Miss. Gunjate Vaibhav Shivaji

Of _____

has successfully participated / completed the certificate course on 3Ds Max Software, organized by Department of Civil , Dr. A. D SHINDE COLLEGE OF ENGINEERING from 3rd February to 8th February, 2025.


Program Coordinator


Head of the Civil Dept.


Principal



Dinkarrao K. Shine Smark Trust's

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

DEPARTMENT OF CIVIL ENGINEERING

**WORKSHOP ON
STAAD PRO**

Duration: 24, 25, 26, 27, 28, 29 March 2025

CLASS: TY B.Tech

A.Y: 2024-25





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Department of Civil Engineering

Academic Year 2024-25



DATE: 02/04/2025

REPORT ON DESIGN OF STEEL STRUCTURES USING STAAD PRO

Report on Certification Course: "Design of Steel Structures using STAAD Pro"

Course Conducted By: Department of Civil Engineering, Dr. A. D. Shinde College of Engineering, Bhadagaon.

Course Duration: 24th March 2025 to 29th March 2025

Instructor: Mr. Yogesh R. Vanshe

1. Introduction

The **Certification Course on "Design of Steel Structures using STAAD Pro"** was successfully conducted for the **Third Year** and **Final Year** B.Tech Civil Engineering students of Dr. A. D. Shinde College of Engineering, Bhadagaon. The course, led by **Mr. Yogesh R. Vanshe**, aimed at providing students with an in-depth understanding of structural design using **STAAD Pro V8i**, one of the industry-standard software tools used in civil engineering for modeling and analyzing structures.

This 6-day course provided both theoretical insights and hands-on practical sessions to help students build proficiency in designing and analyzing steel structures. The sessions were interactive, with real-world applications emphasized to ensure students gained a comprehensive understanding of structural design principles.

2. Course Overview and Content

The course was structured over six days, with a focus on various key aspects of structural design using STAAD Pro. Below is a summary of the topics covered during the course:

Day 1 & Day 2:

- Introduction to Structural Engineering**

Students were introduced to the fundamental principles of structural engineering and the significance of STAAD Pro in structural design.

- Introduction to STAAD.Pro V8i**

Detailed introduction to STAAD Pro V8i software, including its interface, features, and functionalities.

- Getting Familiar with STAAD Window**

Students familiarized themselves with the STAAD workspace, tools, and basic functions essential for model creation.

- Model Generation Using STAAD Editor**

Practical training on generating structural models using STAAD Editor, with hands-on exercises.

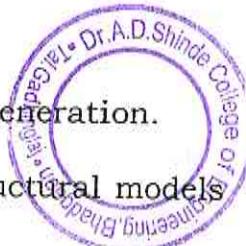
Day 3 & Day 4:

- Introduction to Snap Node/Beam Editor**

Overview of the Snap Node/Beam Editor tool for efficient model generation.

- Model Generation Using Node/Beam Editor**

Hands-on exercises using the Node/Beam Editor for creating structural models with ease.





- **Introduction to Translational Repeat**

The Translational Repeat tool was introduced, allowing students to replicate structures for multi-story buildings or large-scale projects.

- **Model Generation Using Translational Repeat**

Practical exercises on using the Translational Repeat feature to generate replicated structural models.

Day 5:

- **Assigning Properties, Supports, and Loads**

Students were trained on assigning material properties, boundary conditions (supports), and various loads (dead, live, wind, etc.) to their models in STAAD Pro.

- **Structure Analysis**

Introduction to performing structure analysis, understanding load combinations, and interpreting analysis results.

Day 6:

- **Simply Supported Beam Analysis**

Detailed analysis of simply supported beams, exploring the effects of different loads.

- **Analysis of Framed Structures**

Students learned the procedure for analysing framed structures and understanding internal forces and stress distribution.

- **Applying Floor Load**

Techniques for applying floor loads in multi-story buildings, with practical exercises on STAAD Pro.

3. Learning Outcomes

By the end of the course, students demonstrated the following key skills:

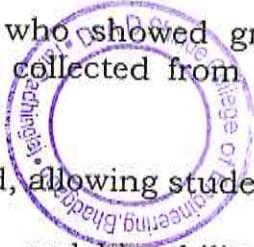
- Proficiency in using **STAAD Pro V8i** for designing and analyzing steel structures.
- Ability to model and generate structures with both the **STAAD Editor** and the **Node/Beam Editor**.
- Understanding of advanced features in STAAD Pro, such as **Translational Repeat** for replicating structures.
- Competence in **structural analysis**, including the ability to assign properties, supports, and loads to a structure.
- Hands-on experience in analyzing **simply supported beams** and **framed structures** under different loading conditions.
- Confidence in applying **floor loads** for multi-story buildings, an essential skill for modern structural design.

4. Student Participation and Feedback

The course saw active participation from all enrolled students, who showed great enthusiasm in learning and applying the skills taught. Feedback collected from the participants highlighted the following:

- **Positive Aspects:**

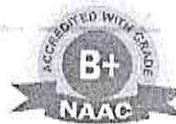
- The **interactive and hands-on approach** was appreciated, allowing students to understand the practical applications of STAAD Pro.
- The **expertise** of the instructor, Mr. Yogesh R. Vanshe, and his ability to simplify complex topics was highly praised.





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Bhadgaon, Gadchinglaj, Dist: Kolhapur Pin: 416502
Department of Civil Engineering
Academic Year 2024-25



- The **practical exercises** enabled students to gain confidence in using STAAD Pro for their future projects.
- **Suggestions for Improvement:**
 - A few students requested more time for hands-on practice and additional examples of real-world complex structures.
 - Some students suggested an **advanced course** in STAAD Pro to cover more specialized topics such as seismic analysis or design of reinforced concrete structures.

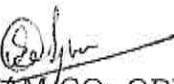
5. Conclusion

The **Certification Course on Design of Steel Structures using STAAD Pro** was a significant success in providing students with a solid foundation in using STAAD Pro for structural design and analysis. The course's comprehensive curriculum, combined with practical exercises, ensured that students not only gained theoretical knowledge but also hands-on experience with one of the most widely used software tools in the civil engineering industry.

This course has successfully contributed to the academic growth of the students and has equipped them with skills that will be invaluable in their future careers as civil engineers.

6. Acknowledgments

We extend our sincere thanks to **Mr. Yogesh R. Vanshe** for his valuable contribution as the course instructor. His deep knowledge of STAAD Pro and dedication to student success were key factors in the course's success. We also appreciate the support of the **Civil Engineering Department** and all the students who participated actively in the course.


PROGRAM CO- ORDINATOR


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





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



DATE : 12/03/2025

NOTICE

All the students of Civil Engineering Department of Dr. A. D. Shinde College of Engineering, Bhadagaon are informed that; we are going to organize the certification course for **Third Year** and **Final Year B. Tech** students on **Design the steel structure using STAAD PRO Software** by **Mr. Yogesh R. Vanshe** is scheduled from 24th March 2025 to 29th March 2025. Students should take note on the Syllabus & Schedule of the said course. Regular attendance for the session of the said course will ensure satisfactory performance in your career.

All the concerned should take note and act accordingly.

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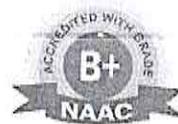
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Department of Civil Engineering

Academic Year 2024-25



DEPARTMENT OF CIVIL ENGINEERING

SYLLABUS FOR DESIGN THE STEEL STRUCTURE USING STAAD PRO

Duration: 24, 25, 26, 27, 28, 29 March 2025

Day-1 & DAY-2

- Introduction to STRUCTURAL ENGINEERING
- Introduction to STAAD.Pro. V8i
- Getting familiar with STAAD window
- Model generation using STAAD editor

Day-3 & DAY-4

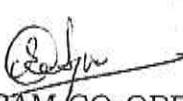
- Introduction to Snap Node/Beam Editor
- Model generation using Node/Beam Editor
- Introduction to Translational Repeat
- Model generation using Translational Repeat

Day-5

- Assigning Properties Assigning Supports Assigning Loads Structure Analysis

Day-6

- Simply Supported Beam Analysis of Framed Structure Applying Floor Load


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Department of Civil Engineering

Academic Year 2024-25



DEPARTMENT OF CIVIL ENGINEERING

WORKSHOP ON

DESIGN THE STEEL STRUCTURE USING STAAD PRO

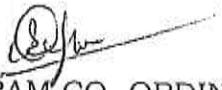
Duration: 24, 25, 26, 27, 28, 29 March 2025

CLASS: Third Year and Final Year B.Tech

A.Y: 2024-25

Evolution procedure

- ❖ Eligibility Criteria: A student those who will attend 75% will be eligible for final exam.
- ❖ Final Exam: Performance of student will be evaluated on the basis of passing in question-answers, modelling during the course.
- ❖ Only those students who meet the passing standard for the assessment will be awarded the program completion certificate.


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Department of Civil Engineering
Academic Year 2024-25



DEPARTMENT OF CIVIL ENGINEERING
WORKSHOP ON
DESIGN THE STEEL STRUCTURE USING STAAD PRO

Duration: 24, 25, 26, 27, 28, 29 March 2025

CLASS: Third Year and Final Year B.Tech

A.Y: 2024-25

COURSE OUTCOMES

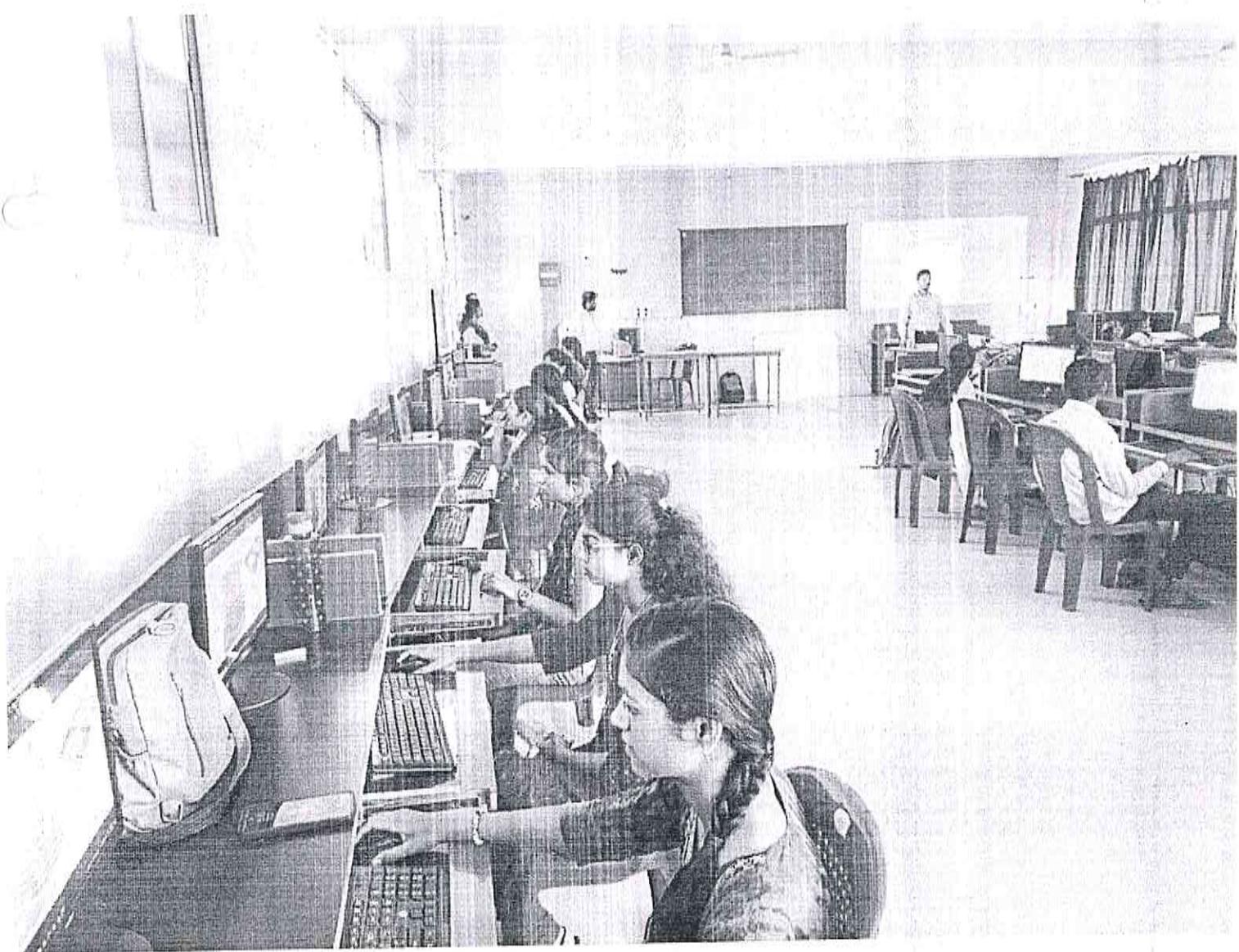
- ❖ Student will be able to complete object-oriented instinctive 2D/3D graphic model generation.
- ❖ Student will be able for carrying out flexible zooms and multiple views.
- ❖ Student will know to make isometric & perspective views and 3D shapes.
- ❖ Student will be able to perform accurate and numerically efficient plate/shell element incorporating out-of-plane shear & in-plane rotation; automatic element mesh generation; comprehensive element stress output including in-plane stresses, out-of-plane shear, bending & principal stresses at nodal, as well as, user-specified points.
- ❖ Student will learn how to achieve user-specified design parameters to customize a design. Student will know to perform code check, member selection and optimized member selection consisting of analysis/design cycles.
- ❖ Student will be able to design concrete beams/columns/slabs/footings as per all major.

PROGRAM CO-ORDINATOR



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

HOD







D.R.A. D. SHINDE COLLEGE OF ENGINEERING.

Bhadgaon, Gadchinglaj. Dist: Kolhapur Pin: 416502



Department of Civil Engineering

Academic Year 2024-25

ATTENDANCE SHEET – T.Y. Btech

DESIGN OF STEEL STRUCTURE USING STAAD PRO

SR.	PRN	NAME OF THE STUDENT	24/03/25	25/03/25	24/03/25	25/03/25	24/03/25	25/03/25
1	2023077291	BHOITE AJINKYA DATTATRAY	<i>Ajinkya</i>	<i>Ajinkya</i>	<i>Ajinkya</i>	<i>Ajinkya</i>	<i>Ajinkya</i>	<i>Ajinkya</i>
2	2023071440	BHOKARE SUNDAR DAGADU	<i>Sundar</i>	<i>Sundar</i>	<i>Sundar</i>	<i>Sundar</i>	<i>Sundar</i>	<i>Sundar</i>
3	2022085266	CHAVAN KARISHMA RAJARAM	<i>R.C.</i>	<i>R.C.</i>	<i>R.C.</i>	<i>R.C.</i>	<i>R.C.</i>	<i>R.C.</i>
4	2022087219	CHAVAN SOMESH ANIL	<i>Somesh</i>	<i>Somesh</i>	<i>Somesh</i>	<i>Somesh</i>	<i>Somesh</i>	<i>Somesh</i>
5	2023065397	CHOUGULE SHRIDHAR BABURAO	<i>Shougule</i>	<i>Shougule</i>	<i>Shougule</i>	<i>Shougule</i>	<i>Shougule</i>	<i>Shougule</i>
6	2023077307	DELEKAR PRASAD RAJENDRA	<i>Prasad</i>	<i>Prasad</i>	<i>Prasad</i>	<i>Prasad</i>	<i>Prasad</i>	<i>Prasad</i>
7	2023077313	DESAI SEEMA PRAKASH	<i>Seema</i>	<i>Seema</i>	<i>Seema</i>	<i>Seema</i>	<i>Seema</i>	<i>Seema</i>
8	2021073412	DEVKULE PRUTHVI SANJAY	<i>Pruthvi</i>	<i>Pruthvi</i>	<i>Pruthvi</i>	<i>Pruthvi</i>	<i>Pruthvi</i>	<i>Pruthvi</i>
9	2023065397	DHADKE MANGESH KAMLAKAR	<i>Mangesh</i>	<i>Mangesh</i>	<i>Mangesh</i>	<i>Mangesh</i>	<i>Mangesh</i>	<i>Mangesh</i>
10	2021071962	GIRIGOSAVI SOURABH MARUTI	<i>Sourabh</i>	<i>Sourabh</i>	<i>Sourabh</i>	<i>Sourabh</i>	<i>Sourabh</i>	<i>Sourabh</i>
11	2023077282	HODAGE DEELIP GOPAL	<i>Deelip</i>	<i>Deelip</i>	<i>Deelip</i>	<i>Deelip</i>	<i>Deelip</i>	<i>Deelip</i>
12	2023065392	JADHAV DIGAMBAR RAMESH	<i>Digambar</i>	<i>Digambar</i>	<i>Digambar</i>	<i>Digambar</i>	<i>Digambar</i>	<i>Digambar</i>
13	2023065378	JADHAV PRAJWAL PANDHARINAT	<i>Prajwal</i>	<i>Prajwal</i>	<i>Prajwal</i>	<i>Prajwal</i>	<i>Prajwal</i>	<i>Prajwal</i>
14	2022087024	KADAM AKSHAY ASHOK	<i>Akshay</i>	<i>Akshay</i>	<i>Akshay</i>	<i>Akshay</i>	<i>Akshay</i>	<i>Akshay</i>
15	2022078669	KAMBLE SHRAVANKUMAR ARUN	<i>Arun</i>	<i>Arun</i>	<i>Arun</i>	<i>Arun</i>	<i>Arun</i>	<i>Arun</i>
16	2023065390	KAZI MUSTKIM ABDUL	<i>MC</i>	<i>MC</i>	<i>MC</i>	<i>MC</i>	<i>MC</i>	<i>MC</i>
17	2023077294	KHADE ADARSH VISHWAS	<i>Adarsh</i>	<i>Adarsh</i>	<i>Adarsh</i>	<i>Adarsh</i>	<i>Adarsh</i>	<i>Adarsh</i>





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Department of Civil Engineering

Academic Year 2024-25



18	2022085170	KHOT AKASH TANAJI	Arvind	Arvind	Prayag	Prash	Arvind	Arvind	Arvind
19	2023078753	KOKITKAR JOTIBA SHANKAR	Arvind	Arvind	Prayag	Prash	Arvind	Arvind	Arvind
20	2023077306	LATAKAR SHRINIVAS MAHAVEER	Shri						
21	2021073410	MADILAGEKAR ADITYA VIJAY	Aditya						
22	2022087244	MALI SANKET RAMESH	Sanket						
23	2022086791	MANDLIK MAHENDRA SATISH	Mahendra						
24	2023058797	MORBALE VIJAY SAMBHAIJI	Vijay						
25	2023077833	MORE SANIKA SUNIL	Sanika						
26	2021074342	MORESHWAR VASUDEV GURAV	M. Gurav	M. Gurav	M. Gurav	M. Gurav	M. Gurav	M. Gurav	M. Gurav
27	2022087275	MUDAVATH SANTOSH DEVJYA	SD.						
28	2022087006	NAIK PRATIK MARUTI	Pratik						
29	2023065384	PARULEKAR SHIRAM DIGAMBAR	Shiram						
30	2021073414	PATHARWAT PRATHAMESH KISHOR	Prathamesh						
31	2022085056	PATIL ABHIJEET BAJIRAO	Abhijeet						
32	2023077747	PATIL OMKAR TANAJI	Omkar						
33	2023077308	PATIL PRATIK TANAJI	Pratik						
34	2022085003	PATIL SWAPNIL BHAGAVANT	Swapnil						
35	2023077853	PEDNEKAR ANURAG ANKUSH	Anurag						
36	2023077304	POTDAR SHUBHAM KRISHNAT	Shubham						
37	2023080289	RABAKAVI SACHIN NARASAPPA	Sachin						





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Department of Civil Engineering

Academic Year 2024-25



38	2022079932	RAKTADE NANDKUMAR ARVIND	RADE	RAT	RAT	RAT	RAT	RAT
39	2023079035	REPE SHRUTI MARUTI	Repe	Repe	Repe	Repe	Repe	Repe
40	2022086475	SALAVI KRISHNA ASHOK	Kasali	Kasali	Kasali	Kasali	Kasali	Kasali
41	2023065382	SARNAIK SOURABH RANGRAO	Subb	Subb	Subb	Subb	Subb	Subb
42	2022087110	SHELAR KARAN VIJAY	KARAN	KARAN	KARAN	KARAN	KARAN	KARAN
43	2023065388	SIDRUK ANIKET LAHU	Giduk	Giduk	Giduk	Giduk	Giduk	Giduk
44	2022086977	SUTAR PRASHANT PANDURANG	Pratnor	Pratnor	Pratnor	Pratnor	Pratnor	Pratnor
45	2023077848	TODKAR RASHMI MARUTI	Rtdkar	Rtdkar	Rtdkar	Rtdkar	Rtdkar	Rtdkar
46	2023077331	VHATKAR YASH UMESH	Yhatkar	Yhatkar	Yhatkar	Yhatkar	Yhatkar	Yhatkar


VAP COORDINATOR




HOD
CIVIL ENGINEERING
Dr. A.D. Shinde College of Engineering
A/p. Bhadgaon, Gadchinglaj



Dinkarao K. Shinde Sonarik Trusts

D.R.A. D. SHINDE COLLEGE OF ENGINEERING.

Bhadgaon, Gadchinglaj. Dist: Kolhapur Pin: 416502

Department of Civil Engineering

Academic Year 2024-25



ATTENDANCE SHEET – Final Year Btech

DESIGN OF STEEL STRUCTURE USINGSTAAD PRO

SR.	PRN	NAME OF THE STUDENT	24/03/25	25/03/25	24/03/25	25/03/25	24/03/25	25/03/25
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	S.J.I.	S.J.I.	S.J.I.	S.J.I.	S.J.I.	S.J.I.
16	2022087063	JADHAV VAIJAYANTIMALA CHANDRAKANT	✓	✓	✓	✓	✓	✓





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Bhadgaon, Gadchinglaj. Dist: Kolhapur Pin: 416502

Department of Civil Engineering

Academic Year 2024-25



17	2020075906	KAMBLE BHUSHAN BABAN	B	B	B	B	B	B
18	2022078764	KAMBLE HARISH EKNATH	Harsh.k	Harsh.k	Harsh.k	Harsh.k	Harsh.k	Harsh.k.
19	2022087061	KAMBLE MAHESH BALU	duhu	duhu	duhu	duhu	duhu	duhu
20	2022085641	KUMBHAR KRISHNAT RAGHUNATH	du	du	du	du	du	du
21	2022087105	LOHAR SHIRISH ASHOK	Shir	Shir	Shir	Shir	Shir	Shir.
22	2022086483	MATIWADD MANASI ANIL	M.M.A	M.M.A	M.M.A	M.M.A	M.M.A	M.M.A
23	2022085254	MORBALE SHUBHAM VILAS	SVM	SVM	SVM	-	SVM	SVM
24	2021071860	MORE SANKET GANPATI	g	g	g	g	g	g
25	2022085174	NANDUDKAR SHUBHAM SHIVAJI	Nave	Nave	Nave	Nave	Nave	Nave
26	2022086742	NARATAVADEKAR VINAYAK DEELIP	g	g	g	g	g	g
27	2021071885	PAKHANE ROHIT HIRAMAN	Hro	Hro	Hro	Hro	Hro	Hro
28	2021071903	PALASULE PRATHAMESH DAYANAND	Brahm	Brahm	Brahm	Brahm	Brahm	Brahm
29	2022086472	PANORI MAHESHANAND MAHADEV	Mm	Mm	Mm	Mm	Mm	Mm
30	2022086511	PATIL ABHIRAJ ANNASAHEB	for	for	for	for	for	for
31	2022086786	PATIL AMRUTA KRISHNAT	K.Patil	K.Patil	K.Patil	K.Patil	K.Patil	K.Patil
32	2022086496	PATIL ANIKET JAYSING	Per	Per	Per	Per	Per	Per
33	2021073418	PATIL KETAN NAGESH	du	du	du	du	du	du
34	2022087305	PATIL RAHUL SHIVGOUDA	Geet	Geet	Geet	Geet	Geet	Geet
35	2022086382	PATIL RASIKA MANOHAR	Car	Car	Car	Car	Car	Car





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Department of Civil Engineering

Academic Year 2024-25



36	2022086969	PATIL SAMARJEET SUJITKUMAR						
37	2022086703	PATIL SANDHYA NAMDEV						
38	2022086533	PATIL SANKET SUBHASH						
39	2022085516	PATIL SHRIDHAR YASHVANT						
40	2022086797	POWAR SATYAJIT SHASHIKANT						
41	2022084534	RANE RAHUL NIVRITI						
42	2022087020	SARAVADE MILIND ANANDA						
43	2021071920	SHAIKH SAJID RAJMAHMAD						
44	2021072122	SHENDE VIKAS SARJERAO						
45	2020076371	SUTAR VISHAL DHANAJI						
46	2021072840	TAMBEKAR VINAYAK DATTATRAY						
47	2021072794	DESAI AJINKYA ANNASAHEB						
48	2021074343	GAWAS DNYANESHWAR DATTU						
49	2022078968	KULKARNI ANIRUDDHA UMESH						
50	2021072055	SAWANT AVISHKAR HINDURAO						

VAP COORDINATOR

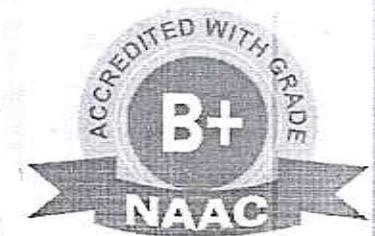
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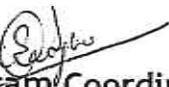
A/P : Bhadgaon, Tal: Gadchinglaj, Dist. . Kolhapur Maharashtra-416502



Department of Civil Engineering Design of steel structure using STAAD PRO software Certificate

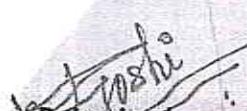
This is to certify that Mr./Miss. Talkar, Rashmi Maewati
Of T. Y. Civil Engineering

has successfully participated / completed the Workshop on Design of steel structure using STAAD PRO Software , organized by Department of Civil , Dr. A. D. SHINDE COLLEGE OF ENGINEERING from 24th March to 20th March 2025.


Program Coordinator




Head of the Civil Dept.

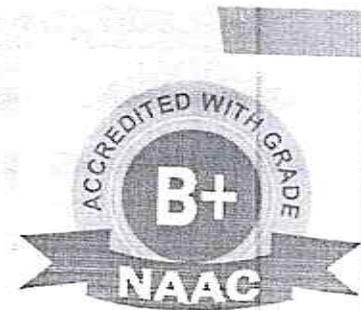

Principal

Dinkarao K Shinde Smarak Trust, Gadhinglaj



Dr. A. D. SHINDE COLLEGE OF ENGINEERING

A/P : Bhadgaon, Tal: Gadhinglaj, Dist. . Kolhapur Maharashtra-416502

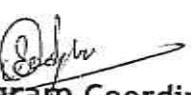


Department of Civil Engineering Design of steel structure using STAAD PRO software Certificate

This is to certify that Mr./Miss. More Sanika Sunil

Of T.Y. Civil Engineering.

has successfully participated / completed the Workshop on Design of steel structure using STAAD PRO Software , organized by Department of Civil , Dr. A. D. SHINDE COLLEGE OF ENGINEERING from 24th March to 20th March 2025.


Program Coordinator




Head of the Civil Dept.


Principal



Dinkarao K. Shinde Smarak Trusts

DR.A. D. SHINDE COLLEGE OF ENGINEERING.

Bhadgaon, Gadchinglaj. Dist: Kolhapur Pin:416502

Academic Year 2024-25

Department of Computer Science and Engineering



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VALUE ADDED COURSES

Sr.No	ACADEMIC YEAR	CLASS	NAME OF WORKSHOP	DATE & DURATION	STUDENT COUNT
1	2024-2025	TE	WORKSHOP ON CYBER SECURITY	6 th TO 14 th January 2025	60
		TE	WORKSHOP ON MACHINE LEARNING	10 th TO 18 th February 2025	44

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



Workshop
on
“Cyber Security”
Duration: 6th to 14th January 2025
Class: Third Year
Sem: VI





Dinkarao K. Shinde Smarak Trust's

DR. A. D. SHINDE COLLEGE OF ENGINEERING

Department Of Computer Science and Engineering

Gadchinglaj A/ P: Bhadgaon, Tal- Gadchinglaj, Dist- Kolhapur

Date: 26/12/2024

NOTICE

All the third year students are hereby informed that the a workshop on “**Cyber security**” is organized by the Computer Science and Engineering department from 06th jan 2025 to 14th jan 2025. This workshop will cover key topics in cyber security, including best practices for online security, ethical hacking, and real-world case studies. This workshop is a great opportunity to enhance your knowledge and skills in the field of cyber security. We look forward to your active participation

Details of the Workshop:

- Date: 06-01-2025 to 14-01-2025
- Time: 09.30 am to 4.30 pm
- Venue: Seminar hall (Inaugural Function), programming lab 1 (hands-on)
- Speaker/Trainer: Edureka learing center and Leosias Techonology

Important Notes:

- Attendance is mandatory.
- Registration fee: Rs 500/- per student.
- rupees 1000 /- penalty for absence.
- Students shall submit summary report of workshop after completion.
- Certificate will be provided for all participants.
- **Bring a laptop for practical sessions.**

HOD

Prof. M. K. Hasabe

HOD

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





Dinkarao K. Shinde Smarak Trusts

DR.A. D. SHINDE COLLEGE OF ENGINEERING.

Bhadgaon, Gadhwinglaj. Dist: Kolhapur Pin:416502

Academic Year 2024-25

Department of Computer Science and Engineering



**DEPARTMENT OF
COMPUTER SCIENCE AND ENGINEERING**

**WORKSHOP ON
CYBER SECURITY**

Duration: 6th to 14th January 2025

Class: Third Year

Sem: VI

A.Y: 2024-2025

Evaluation Procedure

- ❖ **Eligibility Criteria:** Participant should have minimum 75% of attendance.
- ❖ Also participant will be evaluated on the basis of performance during the workshop by the expert.

Program Co-Ordinator



HOD
HOD

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



Dinkarao K. Shinde Smarak Trusts

DR.A. D. SHINDE COLLEGE OF ENGINEERING.

Bhadgaon, Gadchinglaj, Dist: Kolhapur Pin:416502

Academic Year 2024-25

Department of Computer Science and Engineering



**DEPARTMENT OF
COMPUTER SCIENCE AND ENGINEERING**

**WORKSHOP ON
CYBER SECURITY**

Duration: 06th to 14th January 2025

Class: Third Year

Sem: VI

A.Y: 2024-2025

COURSE OUTCOME

1. Understand fundamental concepts, principles, and terminologies of cyber security
2. Identify different types of cyber threats, attacks, and vulnerabilities
3. Analyze security risks and apply appropriate protection mechanisms
4. Implement basic cryptographic techniques for secure data communication
5. Understand network security concepts, firewalls, and intrusion detection systems

Program Co-Ordinator

HOD
HOD



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

Course Outcome Documentation

Course Title: Advanced Cybersecurity Concepts and Applications

Course Duration: 8 Days

Target Undergraduate Students with a foundational knowledge of cybersecurity and tool.

Course Objectives

1. Provide a deep understanding of advanced cybersecurity concepts and frameworks.
2. Enable learners to identify and mitigate emerging cyber threats effectively.
3. Equip participants with practical skills in network security, application security, cryptography, and incident response.
4. Foster proficiency in modern security technologies and trends, such as AI, ML, and quantum-safe cryptography.
5. Encourage projects/ labs / hands-on learning through simulations and exercises to enhance incident handling and forensic capabilities.

Course Outcomes

Upon successful completion of this 8days workshop. participants will be able to:

1. **Understand Advanced Cybersecurity Concepts:**
Gain expertise in basic fundamental and advanced concepts, including advanced attack vectors like APTs, Zero-Day vulnerabilities, and social engineering techniques at scale.
2. **Analyse Cyber Threats and Risk Management:**
Learn how to utilize threat intelligence platforms, prioritize vulnerabilities, and conduct both qualitative and quantitative risk assessments.
3. **Design and Implement Secure Network Architectures:**
Demonstrate advanced skills in network segmentation, firewall management, and intrusion detection/prevention systems.
4. **Apply Cryptography Principles:**
Understand cryptographic techniques, including symmetric and asymmetric encryption, secure key management, and PKI implementations.
5. **Strengthen Application Security:**
Apply OWASP Top 10 best practices, implement SSDLC approaches, and understand the principles of Zero Trust and API security.
6. **Enhance Endpoint Security:**
Configure and manage endpoint security solutions, harden systems against ransomware attacks, and address BYOD challenges.
7. **Execute Effective Incident Response:**
Master the Incident Response Lifecycle, utilize forensic tools for evidence collection, and detect breaches using log analysis techniques.



8. Recognize Emerging Trends in Cybersecurity:

Understand AI/ML applications, blockchain security measures, cloud security advancements, and the implications of quantum computing.

9. Apply Practical Knowledge in Real-world Scenarios:

Gain hands-on experience through secure coding exercises, live incident response simulations, and a mock breach investigation project.

Assessment Metrics

1. **Knowledge Checkpoints:** MCQ quizzes after 4 day/session to ensure theoretical understanding. And Practical Lab test on PortSwigger application
2. **Case Studies:** Real-world examples to analyse vulnerabilities, attacks, and risk management.
3. **Hands-on Exercises:** Activities such as threat modeling, secure coding, and mock breach investigation.
4. **Final Exam:** Comprehensive assessment covering all topics with theoretical and practical questions.

Required Resources

- Laptops with pre-installed cybersecurity tools (Wireshark, Nessus, Burp Suite, portswigger etc.)
- Access to threat intelligence platforms and virtualization software (VMware/VirtualBox).
- Hands-on lab setup with sample datasets, network configurations, and cyberattack scenarios.

Evaluation Criteria

Assessment Component	Weightage
Daily Knowledge Checkpoints	100%
Daily Theoretical (Morning)	50%
Daily Project and Lab(afternoon)	50%
Final two Exams(T/P)	100%





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



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Duration: 6th to 14th January 2025

Class: Third Year

Sem: VI

A.Y: 2024-2025

SYLLABUS FOR WORKSHOP ON CYBER SECURITY

❖ Cyber Security

Day 1: Introduction to Cybersecurity (5 hours)

What is Cybersecurity?

Types of Cyber Threats: Malware, Phishing, DDoS, etc.

Cybersecurity Terminologies: CIA Triad, Authentication, Authorization Real-life Case Studies

Hands-On: Identifying types of threats and analyzing simple case studies.

Day 2: Networking Basics for Cybersecurity (5 hours)

Networking Fundamentals:

OSI and TCP/IP Models

IP Addressing, Subnetting, and DNS Basics

Ports and Protocols: HTTP, HTTPS, FTP, SSH, etc.

Tools: Wireshark for Packet Analysis

Hands-On: Capture and analyze network packets using Wireshark.



Day 3: Setting Up Cybersecurity Lab (5 hours)

Installing Virtual Machines: VMware/VirtualBox

Kali Linux and Windows VM Setup

Introduction to Tools: Nmap, Metasploit, Burp Suite

Mini-Project 1: Perform Network Scanning and Enumeration using Nmap.

Day 4: Operating System Security (5 hours)

Windows and Linux Security:

User Account Management

Permissions and Security Features

System Vulnerabilities: Identifying and Exploiting Weaknesses

Hands-On: Hardening a Windows/Linux system.

Day 5: Web Application Security Basics (5 hours)

OWASP Top 10 Vulnerabilities: SQL Injection, XSS, CSRF, etc.

Tools: Burp Suite for Web Security Testing

Setting Up DVWA (Damn Vulnerable Web App)

Hands-On: Exploiting simple vulnerabilities using Burp Suite.

Day 6: Ethical Hacking and Penetration Testing (5 hours)

Reconnaissance and Scanning:

Passive Recon: WHOIS, Shodan

Active Recon: Nmap, Zenmap

Vulnerability Assessment: Using Nessus/OpenVAS

Mini-Project 2: Perform Vulnerability Scanning on a Local VM Network.

Day 7: Exploitation and Post-Exploitation (5 hours)

Gaining Access: Exploiting Services using Metasploit

Privilege Escalation: Linux/Windows Techniques

Post-Exploitation: Covering Tracks

Mini-Project 3: Exploit Metasploitable VM and document the results.

Day 8: Final Mini-Project and Wrap-Up (5 hours) 1. Project:

Penetration Testing Report

Perform Penetration Testing on a Local VM Network



Tools: Nmap, Nessus, Metasploit

2. Wrap-Up:

Tools Overview Recap

Final Q&A and Best Practices in Cybersecurity

Tools Covered

Network Analysis: Wireshark, Nmap

Web Security: Burp Suite, DVWA

Vulnerability Scanning: Nessus, OpenVAS

Exploitation: Metasploit

Virtualization: VMWare/VirtualBox

Kalika Sali

Program Co-Ordinator



H
HOD

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



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Bhadgaon, Gadchinglaj. Dist: Kolhapur Pin:416502

Academic Year 2024-25

Department of Computer Science and Engineering



REPORT

The Department of Computer Science and Engineering organized an eight-day **Workshop on “Cyber Security”** from **6th to 14th January 2025** for Third Year students of Semester VI. The workshop was designed to provide students with practical knowledge of cybersecurity tools, techniques, vulnerabilities, and protection mechanisms aligned with current industry standards.

The workshop began with an introduction to **fundamental concepts of Cybersecurity**, including types of cyber threats, the CIA triad, malware, phishing, DDoS attacks, and real-life case studies. Students gained clarity on security terminologies and the essential need for cyber awareness in modern digital environments.

In the following sessions, students were introduced to **networking basics** required for cybersecurity such as OSI/TCP/IP models, IP addressing, subnetting, DNS, and ports and protocols. Hands-on training using **Wireshark** helped them analyze network packets and understand data flow across networks.

The workshop emphasized practical exposure, starting with setting up a **Cybersecurity Lab** using VirtualBox/VMware, installation of **Kali Linux and Windows VMs**, and familiarization with tools such as **Nmap, Metasploit, and Burp Suite**. Students completed a mini-project on network scanning and enumeration using Nmap.

Students then learned **Operating System Security**, including Linux/Windows permissions, account management, system vulnerabilities, and system hardening techniques.

Program Co-Ordinator



HOD

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



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DR.A. D. SHINDE COLLEGE OF ENGINEERING.

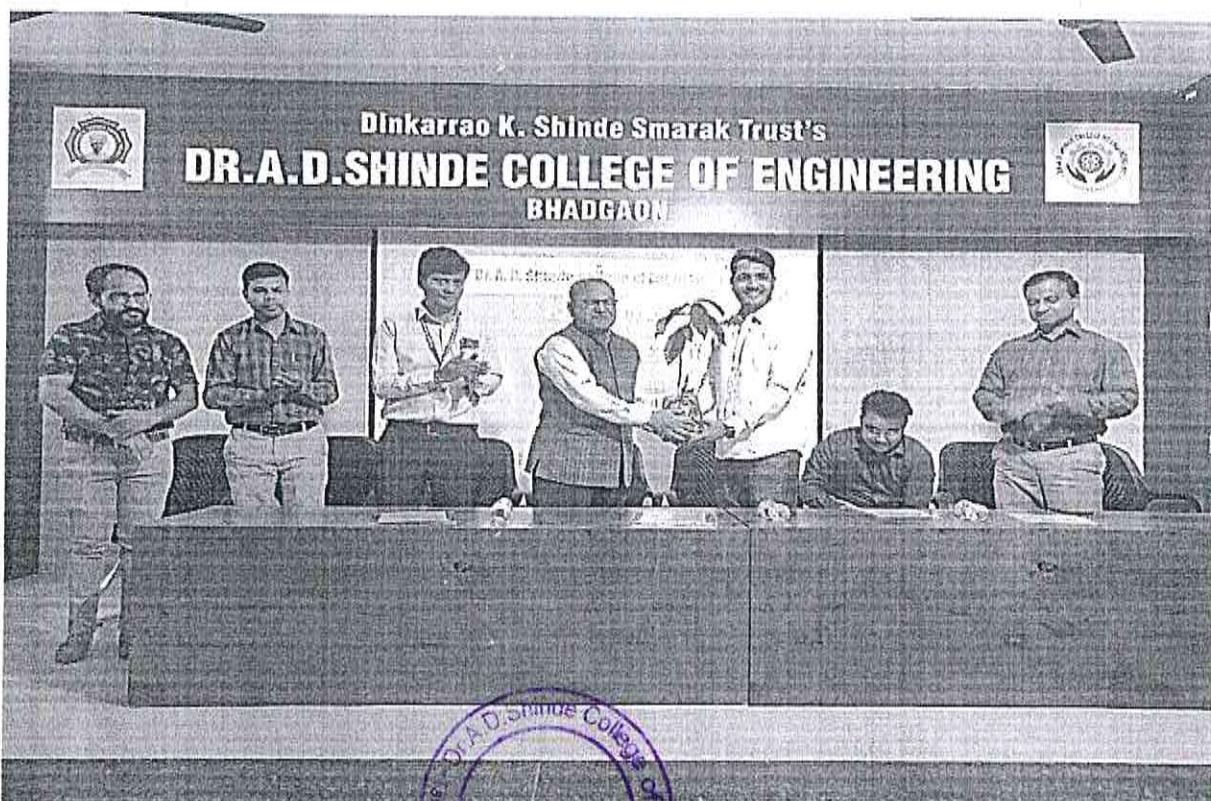
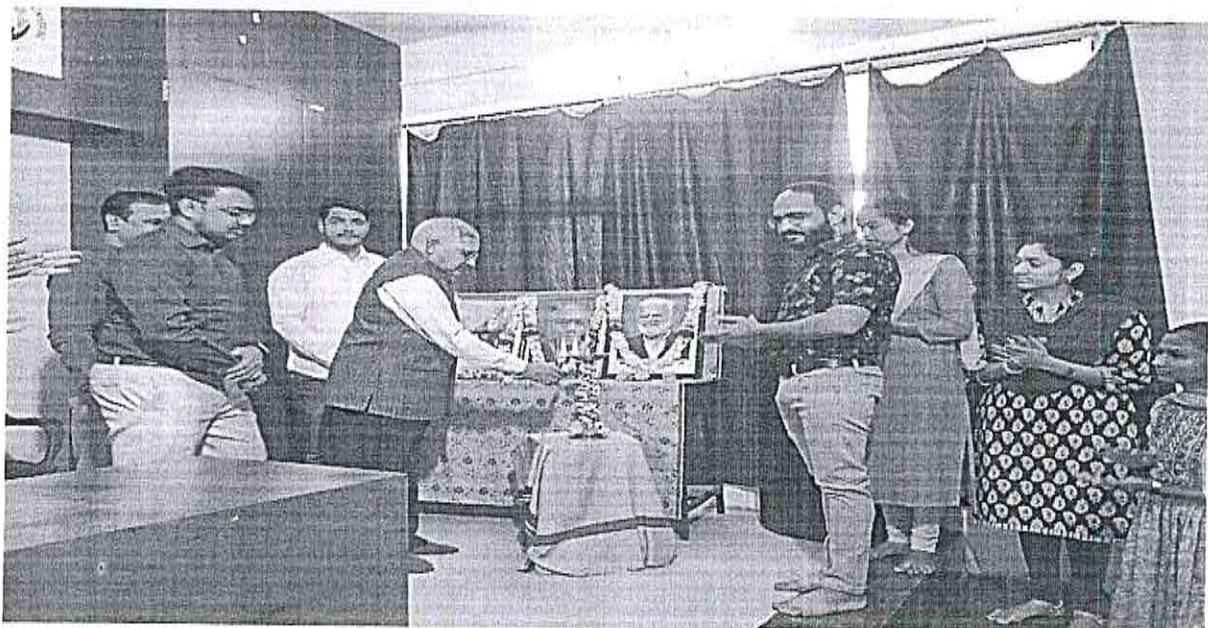
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Academic Year 2024-25

Department of Computer Science and Engineering



CYBER SECURITY WORKSHOP PHOTOS:





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Bhadgaon, Gadchinglaj. Dist: Kolhapur Pin:416502

Academic Year 2024-25

Department of Computer Science and Engineering



Attendance for 8 days workshop on Cyber Security

Sr.No	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
01	PATIL VRUSHALI SANJAY	-	-	-	-	✓	✓	-	-	-	-	✓	✓	✓	✓	✓	✓
02	SUTAR GURUNATH VIJAY	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
03	DESAI RHUTUJA DAGADU	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
04	KUMBHAR RUTIK SANJAY	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
05	SUTAR TOUHID BALAM	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
06	KHANDAGALE SHRUTI VISHWAS	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
07	GUDAVALEKAR SHREENIVAS BHAGOJI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
08	KAMBLE ALANKAR SHIVAJI	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
09	DHUPADALE PARSHAVANATH CHANDRAKA	✓	✓	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



	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 SUDHANSU EKANATH	-	-	-	-	<i>Sekamble</i>											
11	KAMBLE VARSHA BALAVANT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	UTTURKAR SAISH RAJESH	<i>Sa.</i>	<i>Sa.</i>	-	-	-	-	<i>Sa.</i>									
13	BORGAVE SAKSHI AMAR	<i>Borgave</i>															
14	FARAKATE SAYALI SURESH	<i>Farakate</i>	<i>Farakate</i>	<i>Farakate</i>	<i>Farakate</i>	<i>Farakate</i>	<i>Farakate</i>	-	<i>Farakate</i>								
15	DESAI PATIL YAJURVENDRA SUNIL	<i>Desai</i>															
16	DESAI PRAGATI PARASHURAM	<i>Desai</i>															
17	GOILKAR AKASH CHANDRAKANT	-	-	<i>Goilkar</i>													
18	JAGDALE AMAR DADASAHEB	<i>Jagdale</i>	<i>Jagdale</i>	<i>Jagdale</i>	-	<i>Jagdale</i>											
19	KADAM SANIKA SATAPPA	<i>Kadam</i>															
20	KAMALAKAR RUTIKA GURUPRASAD	<i>Kamalakar</i>															
21	MANE VAISHNAVI VIJAY	<i>Mane</i>															
22	TAMBEKAR AMOL SHIVAJI	-	-	-	-	<i>Pat</i>	-	<i>Pat</i>	<i>Pat</i>	<i>Pat</i>	-	<i>Pat</i>	<i>Pat</i>	<i>Pat</i>	<i>Pat</i>	<i>Pat</i>	



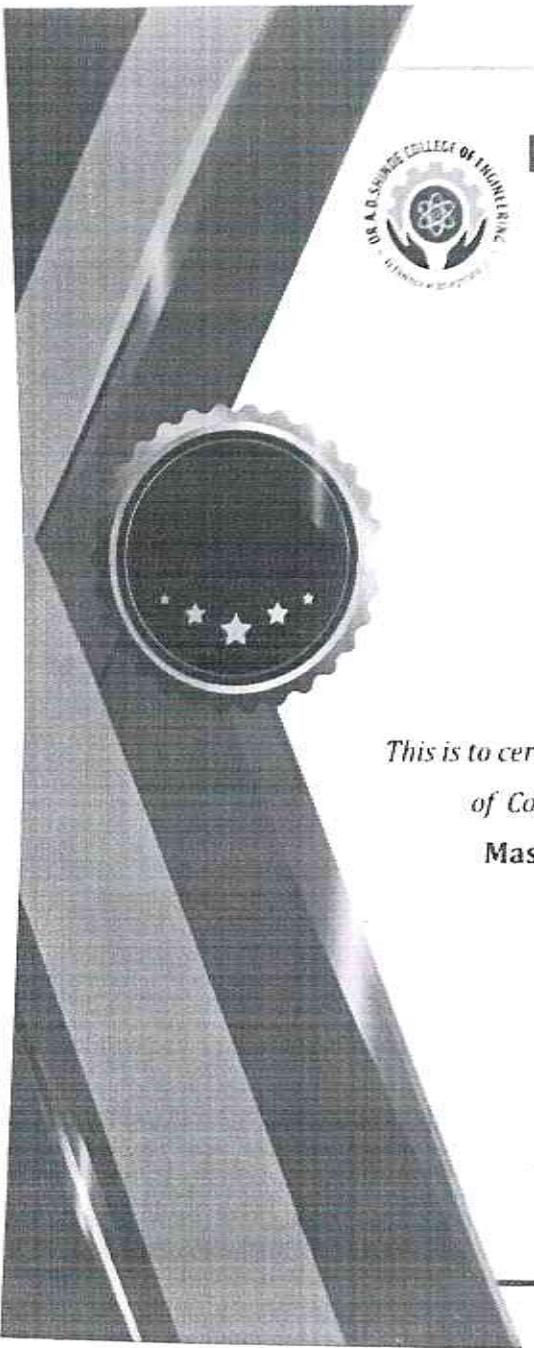
Sr.No	Name of Students	06-01-25	07-01-25	08-01-25	09-01-25	10-01-25	11-01-25	13-01-25	14-01-25
23	TEMBUGADE SUSHAMA ANANDA	✓	✓	✓	✓	✓	✓	✓	✓
24	AJAGEKAR PRACHI PUNDLIK	Rechali							
25	AMTE VISHAL BHARAT	~	~	~	~	~	~	~	~
26	BANDI SHWETA SIDDAPPA	Sandi							
27	BHOSALE NIKITA ANNASAHEB	NAB							
28	CHAVAN PRACHI PRAMOD	Chavan							
29	CHAVAN SANIKA RAJENDRA	SRchana							
30	CHOTHE PRACHI SHIVAJI	Ente							
31	CHOUGALE AMRUTA ANANDA	Amrugal	Amrugal	~	~	~	~	~	~
32	DESAI JEEVAN TATYASO	J.D.							
33	DESAI KARAN SUDHAKAR	Besai							
34	DIVATE SHRIVARDHAN SACHIN	~	~	~	~	~	~	~	~
35	GARAD MAULI KANTILAL	Gulmuk							
36	GHORPADE HIMANI SUDHIR	~	~	~	~	~	~	~	~





Sr.No	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
48	NADAF ALFIYA JAVED	Nadaf Nadaf							
49	NITTAWADEKAR ROHIT JAYSING	Rohit Rohit							
50	PANDHARE TATOBA SHIVAJI	Tatoba Tatoba							
51	PANHALKAR DANISH NIJAM	Danish Danish							
52	PATIL ASHWINI SAMBHAJI	Ashwini Ashwini							
53	PATIL DHANARAJ RAJENDRA	Dhanaraj Dhanaraj							
54	PATIL SALONI RAMDAS	Saloni Saloni							
55	RANE NITESH SURESH	Nitesh Nitesh							
56	RANE SUNITA RAJARAM	Sunita Sunita							
57	RHATWAL NIVEDITA RAJARAM	Nivedita Nivedita							
58	SHINDE SAKSHI BALU	Sakshi Sakshi							
59	SUTAR BHAKTI VASANT	Bhakti Bhakti							
60	THOMBARE SHIVAJI LAXMAN	Shivaji Shivaji							





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Dr. A. D. SHINDE COLLEGE OF ENGINEERING

Guddai, Bhadgaon, Gadchinglaj, Dist. Kolhapur

In Collaboration with



Certificate of Completion

This is to certify that Mr/Ms/Mrs

Patil Dhanaraj Rajendra

Class - Third Year

of Computer Science and Engineering, academic year 2024-2025, has successfully Completed 8 days

Masterclass training in Advanced Cybersecurity conducted by Leosias Technologies Belagavi

at Dr. A.D. Shinde College of Engineering, Bhadgaon, from 6th to 14th January 2025.



Principal

Dr. Dinkar V. Ghewade

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



Founder & CEO

Leosias Technologies Belagavi

Workshop
on
“Machine Learning”
Duration: 10th to 18th February 2025
Class: Third Year
Sem: VI





Dinkarao K. Shinde Smarak Trusts

DR. A. D. SHINDE COLLEGE OF ENGINEERING.

Bhadgaon, Gadchinglaj. Dist: Kolhapur Pin:416502

Academic Year 2024-25

Department of Computer Science and Engineering



Date: 1/2/2025

NOTICE

All the third year students are hereby informed that the a workshop on “**Machine Learning**” is organized by the Computer Science and Engineering department from 10th feb 2025 to 18th feb 2025. This workshop will cover key topics in Machine Learning, supervised learning, unsupervised learning, and reinforcement learning to identify patterns and make decisions. This workshop is a great opportunity to enhance your knowledge and skills in the field of Machine Learning. We look forward to your active participation.

Program Co-Ordinator



Prof. M. K. Hasabe

HOD

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



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Bhadgaon, Gadchinglaj. Dist: Kolhapur Pin:416502

Academic Year 2024-25

Department of Computer Science and Engineering



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

WORKSHOP ON MACHINE LEARNING

Duration: 10th to 18th February 2025

Class: Third Year

Sem: VI

A.Y: 2024-2025

Evaluation Procedure

- ❖ **Eligibility Criteria:** Participant should have minimum 75% of attendance.
- ❖ Also participant will be evaluated on the basis of performance during the workshop by the expert.

Program Co-Ordinator



HOD

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A/P. Bhadgaon, Tal. Gadchinglaj



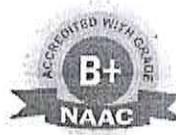
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Bhadgaon, Gadchinglaj. Dist: Kolhapur Pin:416502

Academic Year 2024-25

Department of Computer Science and Engineering



DEPARTMENT OF **COMPUTER SCIENCE AND ENGINEERING**

WORKSHOP ON **MACHINE LEARNING**

Duration: 10th to 18th February 2025

Class: Third Year

Sem: VI

A.Y: 2024-2025

COURSE OUTCOME

1. Understand the basic concepts, types, and applications of machine learning
2. Analyze datasets and perform data preprocessing and feature engineering
3. Apply supervised learning algorithms for classification and regression problems
4. Use unsupervised learning techniques for clustering and pattern discovery
5. Evaluate machine learning models using appropriate performance metrics

Program Co-Ordinator

HOD
HOD

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



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Bhadgaon, Gadchinglaj. Dist: Kolhapur Pin:416502

Academic Year 2024-25

Department of Computer Science and Engineering



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Duration: 10th to 18th February 2025

Class: Third Year

Sem: VI

A.Y: 2024-2025

SYLLABUS FOR WORKSHOP ON MACHINE LEARNING

1. Introduction to Machine Learning

Overview of machine learning, importance and applications, difference between AI, ML.

2. Python for Machine Learning

Basics of Python programming, introduction to NumPy and Pandas, data handling and manipulation.

3. Data Preprocessing and Exploration

Data collection, data cleaning, handling missing values, normalization.

4. Supervised Learning Techniques

Linear regression and multiple regression, logistic regression, k-nearest neighbors (KNN), decision trees, and model training.

5. Unsupervised Learning Techniques

Clustering concepts, K-means algorithm, hierarchical clustering, introduction to dimensionality reduction (PCA).

Hukmali

Program Co-Ordinator



Hukmali

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



Dinkarao K. Shinde Smarak Trusts

DR.A. D. SHINDE COLLEGE OF ENGINEERING.

Bhadgaon, Gadchiroli, Dist: Kolhapur Pin:416502

Academic Year 2024-25

Department of Computer Science and Engineering



REPORT

The Department of Computer Science and Engineering, Dr. A. D. Shinde College of Engineering, Bhadgaon, successfully organized a **Workshop on “Machine Learning” for Third Year (Semester VI)** students during the **Academic Year 2024–25**. The workshop was conducted from **10th February 2025 to 18th February 2025** with the objective of introducing students to fundamental and practical aspects of Machine Learning.

The workshop began with an introduction to Machine Learning, highlighting its importance, real-world applications, and the differences between Artificial Intelligence and Machine Learning. Students were familiarized with the basic concepts and types of learning approaches. The sessions then progressed to **Python for Machine Learning**, where students learned Python basics along with the use of libraries such as NumPy and Pandas for data handling and manipulation.

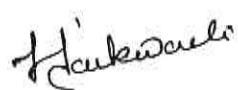
A significant part of the workshop focused on **Data Preprocessing and Exploration**, which included data collection techniques, data cleaning, handling missing values, and normalization methods. These sessions helped students understand the importance of data quality in building effective machine learning models.

The workshop further covered **Supervised Learning Techniques** such as linear regression, multiple regression, logistic regression, k-nearest neighbours (KNN), and decision trees. Students were guided through the concepts of model training and practical implementation. In addition, **Unsupervised Learning Techniques** like clustering, K-means algorithm, hierarchical clustering, and an introduction to dimensionality reduction using Principal Component Analysis (PCA) were explained in detail.



The workshop was conducted in an interactive manner, encouraging active student participation. Students were evaluated based on their **attendance (minimum 75%)** and **performance during the workshop**, as assessed by the expert. The workshop outcomes were aligned with the defined course outcomes, enabling students to understand machine learning concepts, analyze datasets, apply learning algorithms, and evaluate model performance.

Overall, the workshop was highly beneficial and enhanced students' technical knowledge and practical skills in Machine Learning. It provided a strong foundation for advanced learning and real-world problem-solving, making it a valuable academic initiative by the department.



Program Co-Ordinator



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

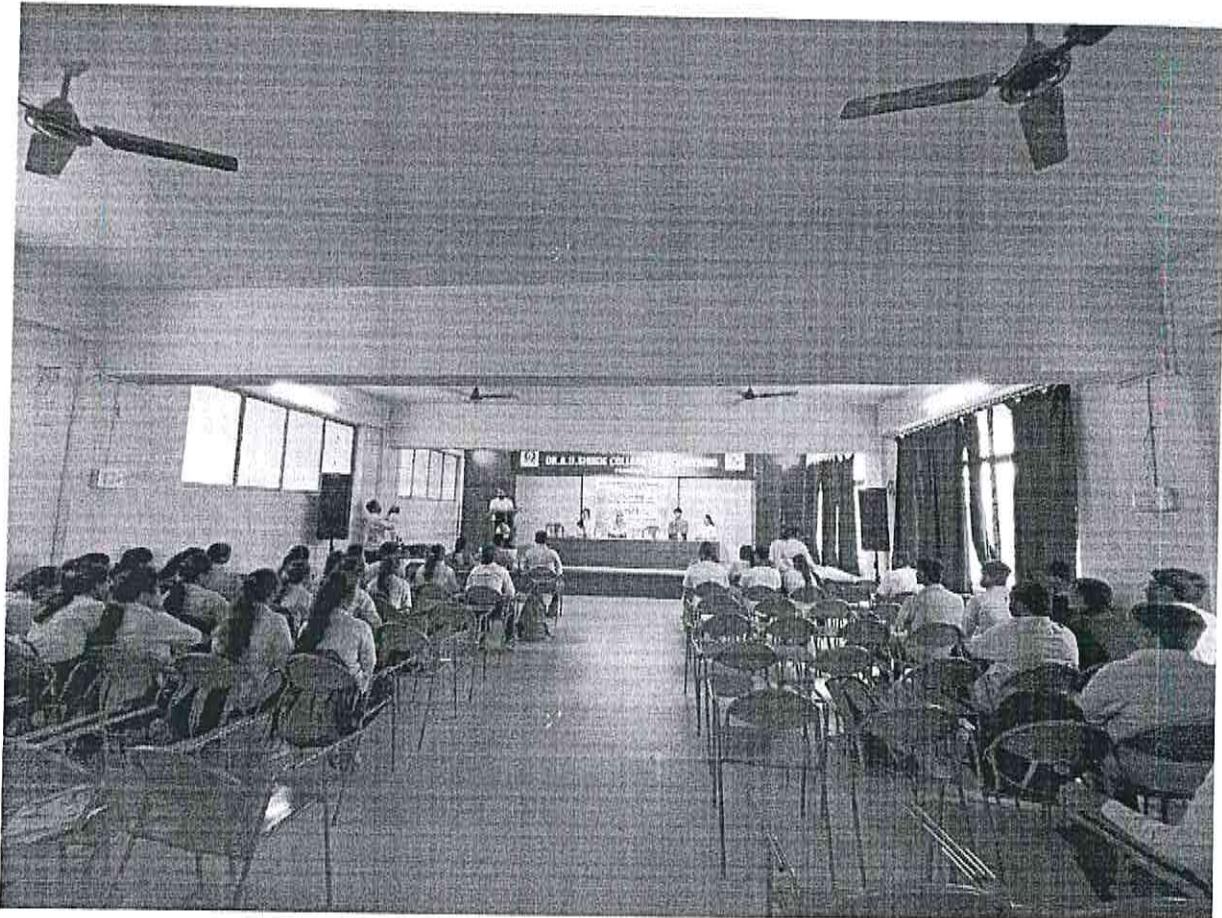


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DR. A. D. SHINDE COLLEGE OF ENGINEERING.
Bhadgaon, Gadchinglaj. Dist: Kolhapur Pin:416502
Academic Year 2024-25
Department of Computer Science and Engineering



WORKSHOP ON MACHINE LEARNING PHOTOS:





Dinkarao K. Shinde Smarak Trusts
DR. A. D. SHINDE COLLEGE OF ENGINEERING.
Department of Computer Science And Engineering



Academic Year 2024-25

8 Days Workshop on Machine Learning

Sr.No	Name	10/12/25	11/12/25	12/12/25	13/12/25	14/12/25	15/12/25	17/12/25	18/12/25
1	Amte vishal Bharat	Bharat	Bharat	Bharat	Bharat	Bharat	Bharat	Bharat	Bharat
2	Divate shivardhan sachin	Sachin	Sachin	Sachin	Sachin	Sachin	Sachin	Sachin	Sachin
3	Kamble siddhansh Eknath	Sekamble							
4	Patil Ashwini Sambhaji	Patil							
5	Kadam Sanika Satappa	Satappa	Satappa	Satappa	Satappa	Satappa	Satappa	Satappa	Satappa
6	Nivedita Rajaram Rhatwani	RRP							
7	Selloni Ramdas Patil	SRP							
8	Nikita Anmishtha Bhosale	PAR							
9	Junita Rajaram Rane	Rane	Rane	Rane	Rane	Rane	Rane	Rane	Rane
10	Bhakri vinita sutar	Sutur							
11	Tavri premesh mhatrejade	TRM							
12	Prachi Pundlik Ajagekar	Peachi							
13	Sanika Rajendra Jhawar	GRJhawar	GRP						
14	Karan Sudhakar Desai	Desai	Desai	Desai	Desai	Desai	Desai	Desai	Desai
15	Jeevan Tatayaso Desai	JTDesai							
16	Pritishwaranth. C. Dhupadale	PCD	PC						
17	Sakshi A. Borgave	ABorgave							
18	Sayali. S. Parikate	SParikate							
19	Pragati. P. Desai	Desai	Desai	Desai	Desai	Desai	Desai	Desai	Desai



20	Manasi. R. Jadhav	Manasi									
21	Poochi P. Chavan	Poochi									
22	Sushama A. Tembugade	S	S	S	S	S	S	S	S	S	S
23	Sakshi R. Shinde	Sakshi									
24	Vaishnavi V. Mane	Mane	Mane	Mane	Mane	Mane	Mane	Mane	Mane	Mane	Mane
25	Alfiya Javed Nada f	Nada f	Nada f	Nada f	Nada f	Nada f	Nada f	Nada f	Nada f	Nada f	Nada f
26	Amruta Anandha Chougale	Chougale									
27	Varsha Balavant Karnik	Karnik	Karnik	Karnik	Karnik	Karnik	Karnik	Karnik	Karnik	Karnik	Karnik
28	Himani Sudhir Ghorpade	Ghorpade	Ghorpade	Ghorpade	Ghorpade	Ghorpade	Ghorpade	Ghorpade	Ghorpade	Ghorpade	Ghorpade
29	Shruti V. Khedagule.	Shruti									
30	Alankarss. Kamble	Kamble	Kamble	Kamble	Kamble	Kamble	Kamble	Kamble	Kamble	Kamble	Kamble
31	Rutika G. Kamatkar	G	G	G	G	G	G	G	G	G	G
32	Patoba S. Pandhore	S	S	S	S	S	S	S	S	S	S
33	Dhananj R. Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
34	Rohit J. Nittawadekar	Nittawadekar	Nittawadekar	Nittawadekar	Nittawadekar	Nittawadekar	Nittawadekar	Nittawadekar	Nittawadekar	Nittawadekar	Nittawadekar
35	Rutik S. Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar
36	Shreeta S. Bandi	Bandi	Bandi	Bandi	Bandi	Bandi	Bandi	Bandi	Bandi	Bandi	Bandi
37	Prachi. S. Chothe	Chothe	Chothe	Chothe	Chothe	Chothe	Chothe	Chothe	Chothe	Chothe	Chothe
38	Yajurvendra. S. Desai-Patil	Patil									
39	Shreenivas B. Gudarolekar	SNB									
40	Sailesh Rajesh Uttwakar	S	S	S	S	S	S	S	S	S	S
41	maulik kontilal Ganad	G	G	G	G	G	G	G	G	G	G
42	Jadhav sancet vikas	J	J	J	J	J	J	J	J	J	J
43	Amar Nadasai. b. Jugdale	A.									
44	Rushikesh Sunesh Ichaneche	S	S	S	S	S	S	S	S	S	S





Dinkarao K. Shinde Smarak Trusts

DR.A. D. SHINDE COLLEGE OF ENGINEERING.

Bhadgaon, Gadchinglaj, Dist: Kolhapur Pin:416502

Academic Year 2024-25

Department of Electrical Engineering



DEPARTMENT OF ELECTRICAL ENGINEERING

VALUE ADDED COURSES

Sr.No	ACADEMIC YEAR	CLASS	NAME OF WORKSHOP	DATE & DURATION	STUDENT COUNT
1	2024-2025	TE	WORKSHOP ON ELECTRICAL DESIGN, ESTIMATION AND COSTING OF WIRING SYSTEM.	24/6/2024 to 29/6/2024	18
		TE	WORKSHOP ON MASTERING SOLDERING AND LUG WIRING TECHNIQUES	05/01/2025 to 09/01/2025	32


HOD
HOD

Dept. of Electrical Engg.
Dr.A.D.Shinde College of Engg
Bhadgaon, Tal. Gadchinglaj.



Workshop Report on
Electrical Design, Estimation and Costing of Wiring System at
DADSCOE

Submitted by

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

Submitted to

Dinkarao K. Shinde Smarak Trusts

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



	<p>Dinkarao K. ShindeSmarak Trusts</p> <p>DR.A. D. SHINDE COLLEGEOFENGINEERING. Bhadgaon, Gadchinglaj. Dist: Kolhapur Pin:416502</p> <p>Department of Electrical Engineering Academic Year 2024-25</p>	
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Workshop Report

Name of the Workshop: Electrical Design, Estimation and Costing of Wiring System

Date: 24/6/2024 to 29/06/2024

Inauguration Time: 24/6/2024 at 10.30 AM

Venue: Seminar hall DADSCOE

Name of the resource person: Dr. Vireshkumar



Acknowledgement

I express my sincere gratitude to **Prof. A. M. Deasi**, Head of the Department, Electrical Engineering, **Prof. Kishor Joshi** Vice-Principal and **DR. D. V. Ghewade**, Principal, Dr. A. D. Shinde College of Engineering, Bhadgaon for providing me an opportunity and infrastructure to undertake this workshop programme in the Electrical Engineering Department.

I would like to extend my sincere thanks to all the Students of Electrical Engineering and Electronics and Computer Science Engineering, DADSCOE, Bhadgaon for their participating during the workshop programme.

I would also like to extend my sincere thanks to all the faculty and non-teaching staff of Electrical Engineering, DADSCOE, Bhadgaon continuous support and encouragement.

Dr. Vireshkumar Mathad



INTRODUCTION

1.1 Organization Description.

Dr A D Shinde College of Engineering is established in 2014 under the umbrella of Dinkarao K. Shinde Smarak Trust. The main motto behind establishment of Dr. A. D. Shinde College of Engineering is to help rural area students to gain technical knowledge with minimum fees. Adv. Shriatrap D. Shinde, Ex. MLA set upped the bench mark for rural students for gaining technical education on the name of his brother Late. Dr. A.D. Shinde and we are happy to inform institute is running with emerging technical departments which will give good opportunities for students and satisfy parents after their children's education. Institute is Approved by AICTE, New Delhi, DTE, Mumbai and affiliated to Shivaji University, Kolhapur and Recently Accredited by NAAC "B+" Grade for the period of five years and ISO 9001:2015 Accredited.

Vision of the Institute

To provide best quality education in the field of Engineering and Technology to the aspirants and serve the nation through developments of scientific, creative, trustworthy human asset.

Mission of the Institute

- M1: To meet engineering manpower needs for social, techno-economical development of region and nation
- M2: To contribute to knowledge through research and development.
- M3: To imbibe habits of creativity and innovation to generate IPRS.
- M4: To inculcate noble values of ethics, morality, integrity, and humanity.
- M5: To get global accreditation for all courses

Vision of the Department

To provide best education in Electrical Engineering and technology to the aspirants and serve the nation through development of innovative human asset.

Mission of the Department

- M1: to make the department of Electrical Engineering a preferable destination for admissions.
- M2: to provide quality Technical Education using modern tools in the field of Electrical



Engineering.

M3: to create competent and skilled Electrical Engineers who are able to handle Electric and Allied system.

M4: to make the department of Electrical Engineering learning and agile center to nurture the spirit of innovation, creativity and entrepreneurship among the students and the faculty members.

1.2 Estimating:

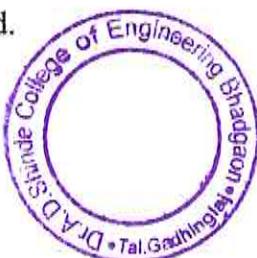
Estimating is an art of assessment of quantities of different items and cost thereof to plan the amount required for executing a work before actually carrying out the work.

The estimate is prepared to help in taking a right and definite decision while entering into a contract with any firm but does not in itself set up tender or contract. The functions of an estimator are so interconnected in various parts of estimating programme that it is difficult to outline them. In general, however, this can be listed under four headings:

1. Estimation of quantities of the material required and the cost involved.
2. Analysis of costs.
3. Maintaining proper records.
4. Providing selling aids.

1.3 Purpose of estimating and costing:

As per good management practices we must know the material required (with complete specifications and quantity of each item) and the cost to be incurred thereon before taking up any new program in hand. For this, it becomes necessary to prepare a complete project for the given program in hand. For this, it becomes necessary to prepare a complete project for the given program as it will act as a guide in the successful implementation of the program. The project report includes complete details of the work to be carried out such as detailed drawings of the work, complete details of the required materials with costing and the sequence of operations to be performed.



Estimating is also essential as it provides us an accurate assessment of the amount of money required, availability of material etc. In case any program is taken in hand and started without preparing project report and without estimating and costing, it will be difficult, rather impossible, to complete the work uninterruptedly because shortage of money and/or non-availability of materials may cause blockade at any stage.

The following facts (data) related to the estimate should be known to an estimator, while he prepares an estimate for internal wiring:

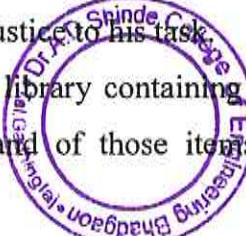
1. Complete specifications, giving the general scheme of the installation, type of wiring to be adopted and type and quality of materials to be used in it.
2. Complete schedule of the points to be wired for with their switches and fittings or alternatively details of whatever else relating to the estimate.
3. Plans and section marked with details, at least with the positions of main switchgear and distribution boards.
4. Other information about other factors affecting the costing of an estimate such as state and construction of the building, the distance of the job from the main office, time available to complete the job, (whether it is to be finished in very short time requiring overtime or normal time or it is to be spread over a long period, whether it requires special supervision or special tools, type of workmen available and the conditions and weather in which job is to be carried out.)

Before accepting or offering tender or to decide the terms of contracts, it is necessary that estimate must be prepared reaching to an approximate cost of the job. Every organization, even medium sized one, have separate department of estimating. The person preparing the estimate is known as an *estimator*.

Bearing in mind that tenders and firm contracts are based upon the estimates i.e. the work of the estimator, to achieve work orders and to avoid losses it is necessary that estimate should be prepared as accurate as possible. If guess work is made to work out the cost of the job, then, there is a possibility either of quoting too high prices resulting in no order or of quoting too low prices resulting in heavy losses instead of profit.

The estimator should have knowledge far reaching and his statements must be based on reliable evidences if he wants to do justice to his task.

The estimator must build himself a library containing catalogues and price lists of all the products of his own organization and of those items or goods, which are likely to be



associated with his work. He should pay continual attention to keep prices and other related information up-to-date.

Besides this, he must understand production cost including labour and material of his own organization products as well as the discounts permissible on outside purchases in order to work out profit.

There is only one sure logical method of estimating for electrical works and that is to ascertain the quantities involved accurately, price them at net cost, provide overhead charges in order to arrive at a total cost representing the true dividing line between a certain loss and possible profit.

1.4 Introduction to Electrical Installation Estimating & Costing of the Resident.

House/Resident electrical wiring is a process of connecting different accessories for the distribution of electrical energy from the supplier to various appliances and equipment at home like Television, Lamps, Air conditioners, etc.

Estimating is an art of assessment of quantities of different items and cost thereof to plan the amount required for executing a work before actually carrying out the work. In general, however, functions of an estimator can be listed under four headings :

1. Estimation of quantities of the material required and the cost involved.
2. Analysis of cost.
3. Maintaining proper records.
4. Providing selling aids.

Purpose of Estimating and Costing.

1. Estimates provide an rough idea of the cost of the job and therefore its feasibility can be calculated, i.e. whether or not the project would be included in the funds available.
2. Estimate gives an idea of the time needed to complete the work.
3. Estimates are required to invite tenders and quotations and to arrange the contracts.
4. Estimates are also required to control expenditure during the execution of the work.
5. Estimates decide whether or not proposed plan matches the funds available.

The following facts (data) related to the estimate should be known to an estimator, while he prepares an estimate for internal wiring :

1. Complete specifications, giving the general scheme of the installation, type of wiring to be adopted and type and quality of materials to be used in it.



2. Complete schedule of the points to be wired for with their switches and fitting or alternatively details of whatever else relating to the estimate.
3. Plans and sections marked with details, at least with the positions of main switchgear and distribution boards.
4. Other information about other factors affecting the cost of an estimate such as state and construction of the building, the distance of the job from the main office, time available to complete the job.

1.5 Objectives:

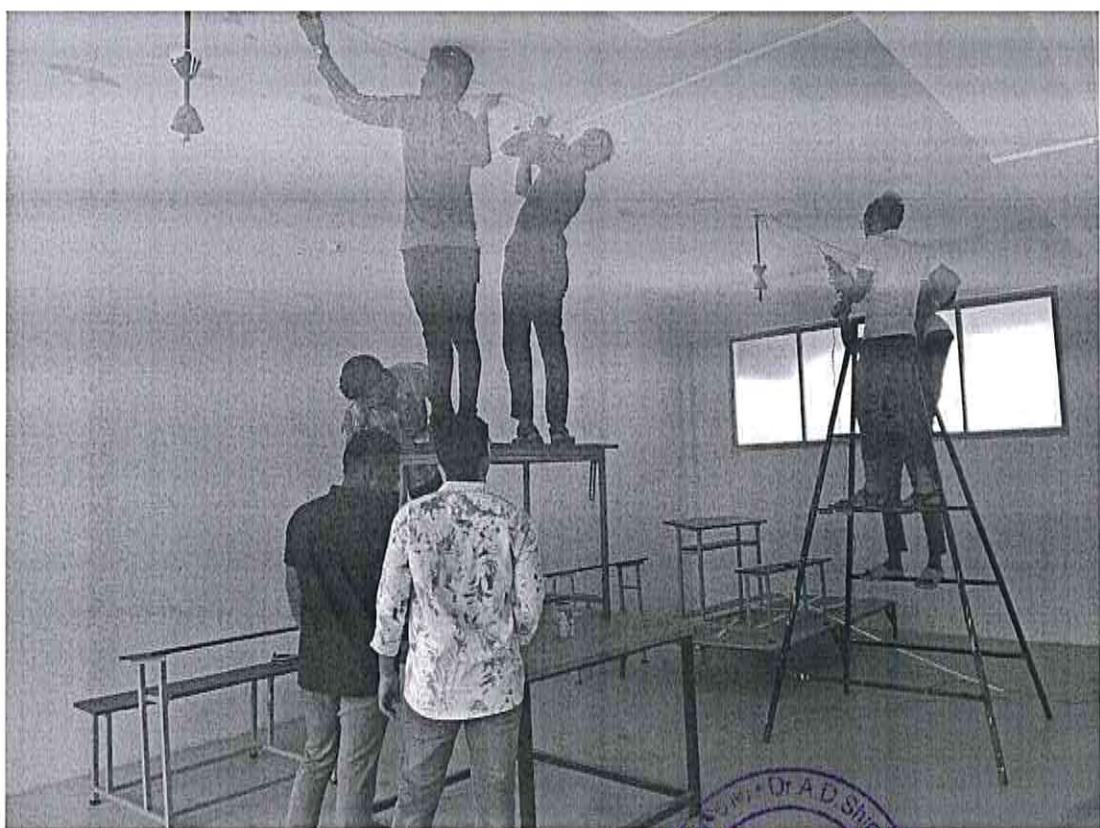
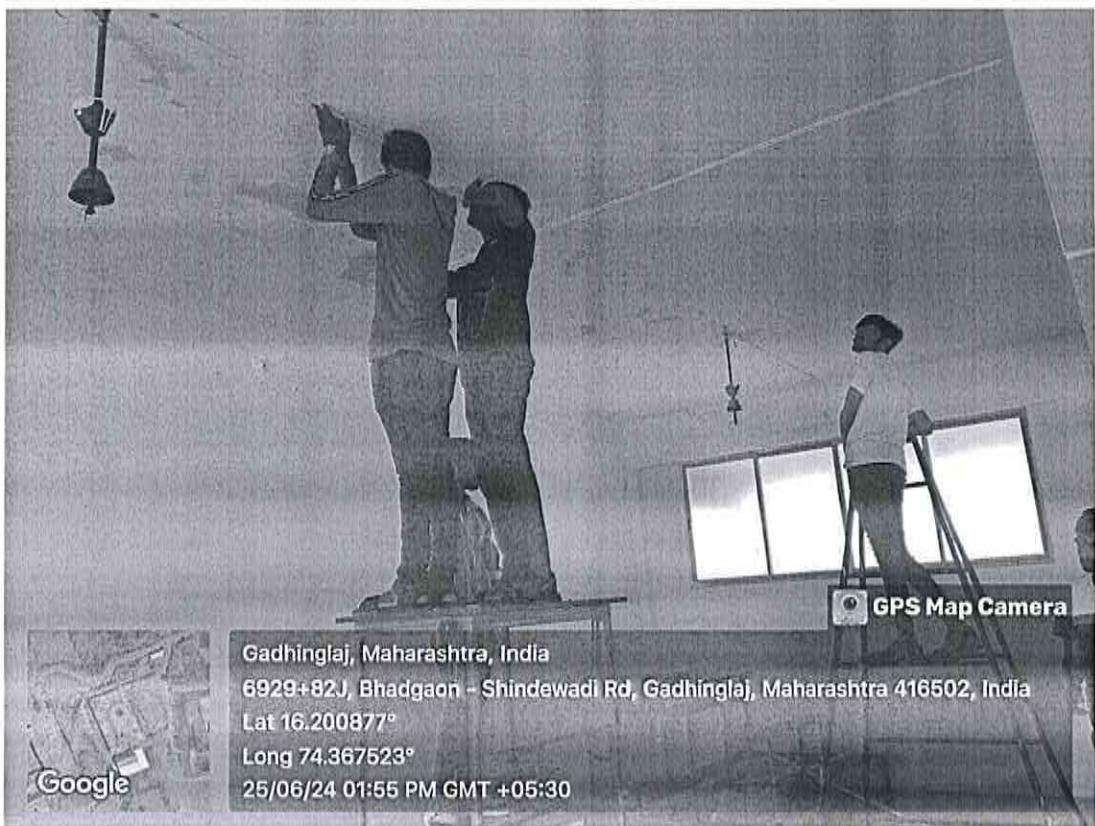
1. To satisfy the user's needs and requirements, while coordinating the various components, such as lighting, heating, and other systems, always complying with protection and safety standards.
2. A good electrical wiring system doesn't only need to fulfill the purpose for which it was installed, but must feature a very high level of safety, quality, and flexibility, that will allow an easy maintenance in time, while guaranteeing a continuous and reliable power supply.
3. Reliability of a well-functioning electrical wiring system.



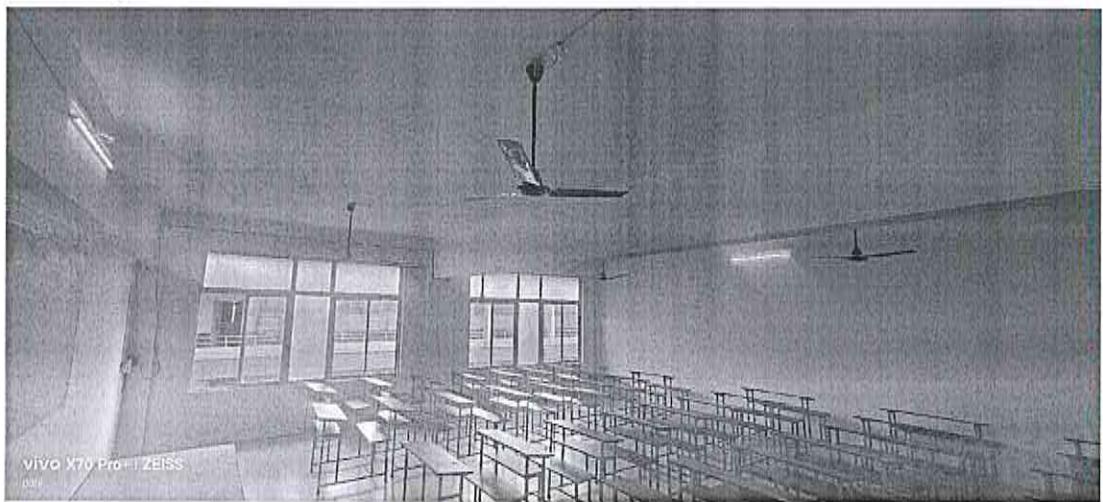
Inauguration function:



Practical Working Images



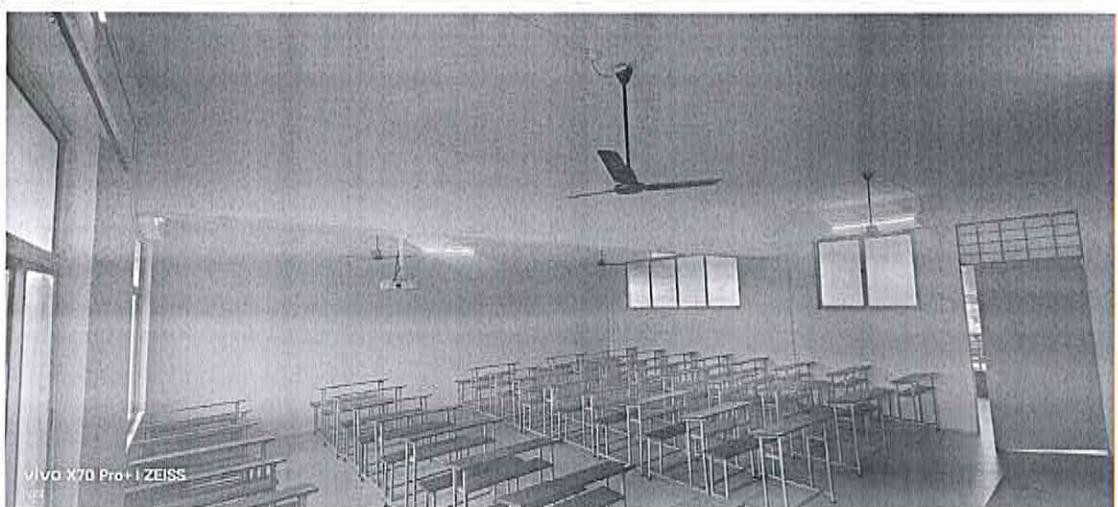
Before Image



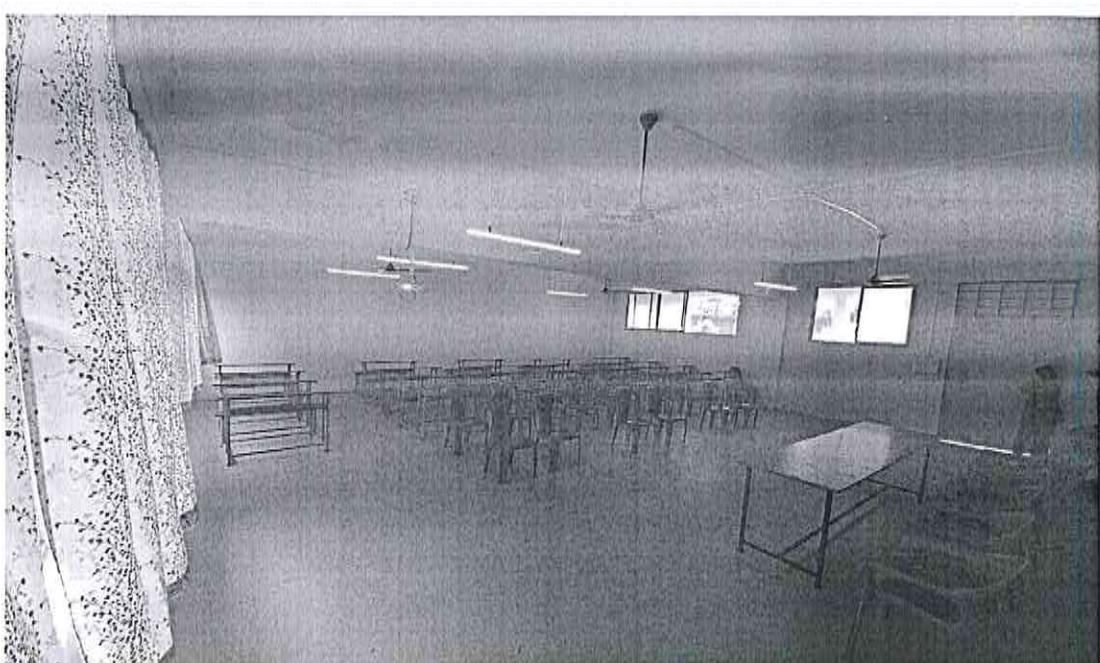
After Image



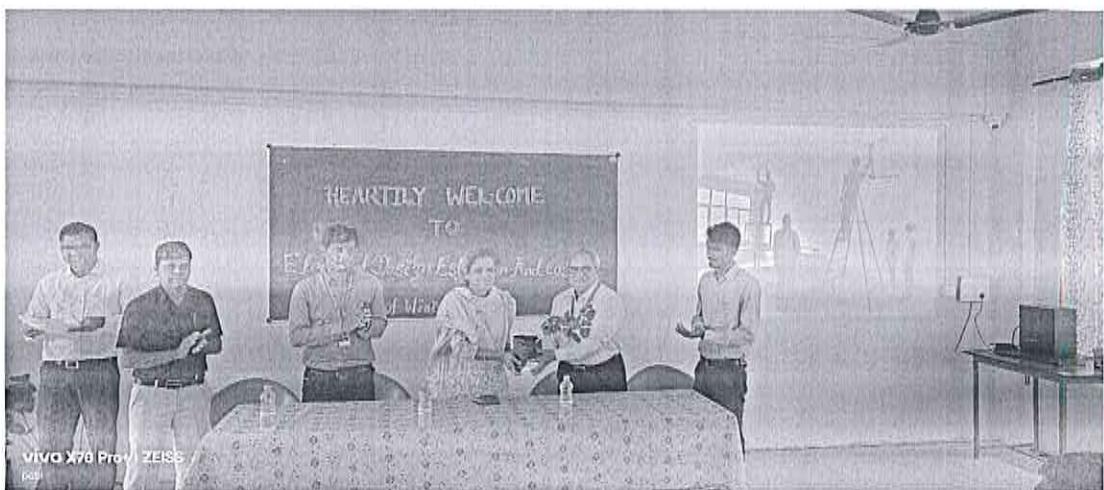
Before Image



After Image



Inauguration function of Workshop



Workshop on
“Electrical Design, Estimation and Costing of Wiring System at DADSCOE” from
24/06/2024 to 29/06/2024

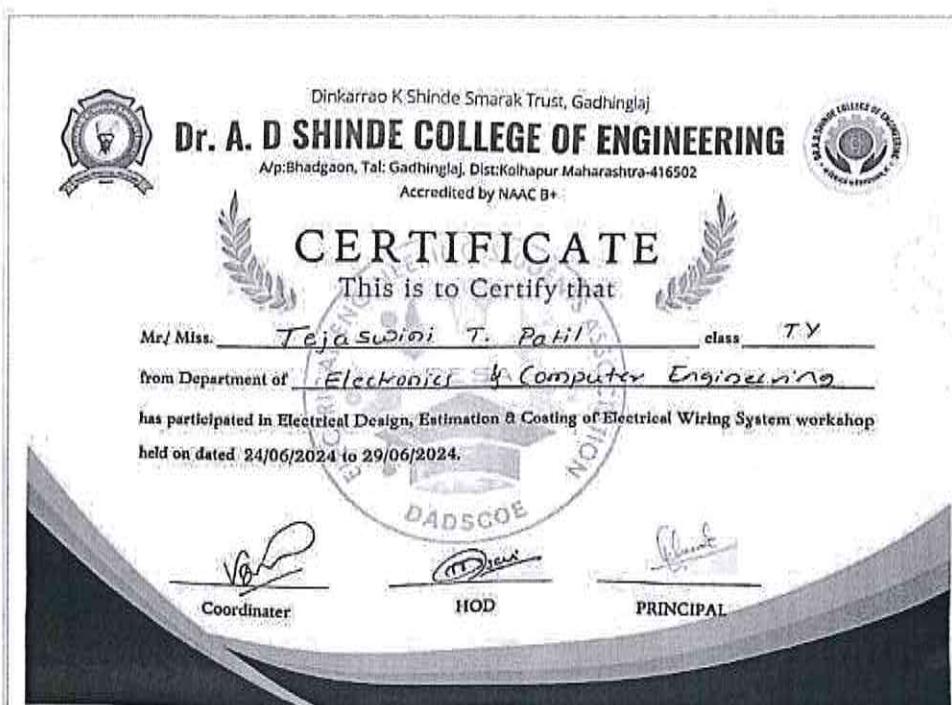
Students Attendee

Dinkarao K. Shinde Smarak Trusts
DR. A. D. SHINDE COLLEGE OF ENGINEERING.
 Bhadgaon, Gadhinglaj, Dist: Kolhapur Pin:416502
 Department of Electrical Engineering

B+
NAAC

S. No.	Name of the student	PRN	Signature of the student					
			24/6/24	25/6/24	26/6/24	27/6/24	28/6/24	29/6/24
1	Khammude Ravikiran (ECS) 2023074374	PRN	Patil	Patil	Patil	Patil	Patil	Patil
2	Pravjwal Chavade (ECS) 2023078039	PRN	Patil	Patil	Patil	Patil	Patil	Patil
3	Rohit Kamble (EEE) 2022085101	PRN	Patil	Patil	Patil	Patil	Patil	Patil
4	Dnyaneshwar Patil (ECS) 2023073555	PRN	Patil	Patil	Patil	Patil	Patil	Patil
5	Godose Karuna Tuhamm 2023072894	PRN	Patil	Patil	Patil	Patil	Patil	Patil
6	Shivaranand M. Mujgonda (ECS) 2023077371	PRN	Patil	Patil	Patil	Patil	Patil	Patil
7	Kishli M. Tangadi (ECS) 202307620	PRN	Patil	Patil	Patil	Patil	Patil	Patil
8	Shrawan B. Patil (EEE) 2022078866	PRN	Patil	Patil	Patil	Patil	Patil	Patil
9	Aniket R. Agare (EEE) 202207826	PRN	Patil	Patil	Patil	Patil	Patil	Patil
10	Hritik R. Jadhav	PRN	Patil	Patil	Patil	Patil	Patil	Patil
11	Dang Vinay V	PRN	Patil	Patil	Patil	Patil	Patil	Patil
12	Vincey Anil Kothawale	PRN	Patil	Patil	Patil	Patil	Patil	Patil
13	Tejaswini T. Patil (ECS) 202307561	PRN	Patil	Patil	Patil	Patil	Patil	Patil
14	Samudhhi S. Jayawade (ECS) 2023077798	PRN	Patil	Patil	Patil	Patil	Patil	Patil
15	Manali P. Motore (ECS) 2023077362	PRN	Patil	Patil	Patil	Patil	Patil	Patil
16	Aftab M. Mulla (ECS) 2023077390	PRN	Patil	Patil	Patil	Patil	Patil	Patil
17	Rungal C. Padekar (ECS) 2023083468	PRN	Patil	Patil	Patil	Patil	Patil	Patil
18								

Sample Certificate





Dinkarrao K. ShindeSmarak Trusts

DR.A. D. SHINDE COLLEGEOFENGINEERING.

Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin:416502

Department of Electrical Engineering

Academic Year 2024-25



Workshop Account Details

S.No.	Money spent details	Amount spent	Reason
1	Electrical casing capping Materials, board cutting etc.	196	Wiring
2	Wire 1 Sq mm, flexible wire, screws	3576	Wiring
	Wiring materials	1744	Class room ambience
3	Boars, pipe,	515	Class room ambience
4	Curtains	2094	Class room ambience
	GRAND TOTAL	8125/-	

Contributions

S.No.	Money spent details	Amount spent
1	ESA Association	40000
3	From College	4125
	GRAND TOTAL	8125/-

Dr. Vireshkumar mathad
Coordinator

Dr. D. V. Ghewade
Principal



	<p>Dinkarao K. Shinde Smarak Trusts DR. A. D. SHINDE COLLEGE OF ENGINEERING. Bhadgaon, Gadhwajlaj, Dist: Kolhapur Pin:416502 Academic Year 2024-25 EE, ECS and IIC</p>	
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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 Electrical Students Association (EESA), EED Electronics and Computer Science Students Association (ECSA), ECSD and Institution Innovation Council (IIC)

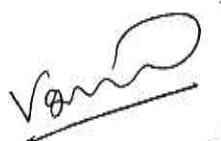
Date: 05/01/2025 to 09/01/2025

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.



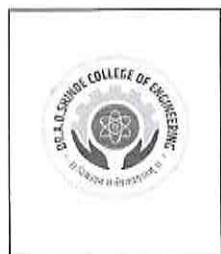
Dr. Vireshkumar G. Mathad
 Coordinator, IP Cell



Dr. D. V. Ghewade
 Principal



Copy to: IIC, DADSCOE



Dinkarao K. Shinde Smarak Trusts

DR. A. D. SHINDE COLLEGE OF ENGINEERING.

Bhadgaon, Gadchiroli, 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.





Dinkarao K. Shinde Smarak Trusts

DR. A. D. SHINDE COLLEGE OF ENGINEERING.

Bhadgaon, Gadhinglaj, Dist: Kolhapur Pin:416502

Academic Year 2024-25

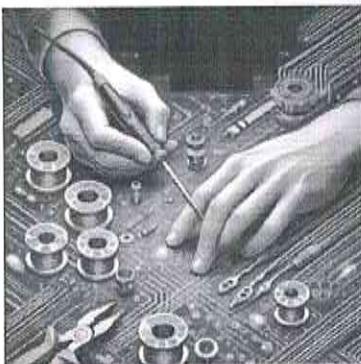
EE, ECS and IIC



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





Dinkarao K. Shinde Smarak Trusts

DR. A. D. SHINDE COLLEGE OF ENGINEERING.

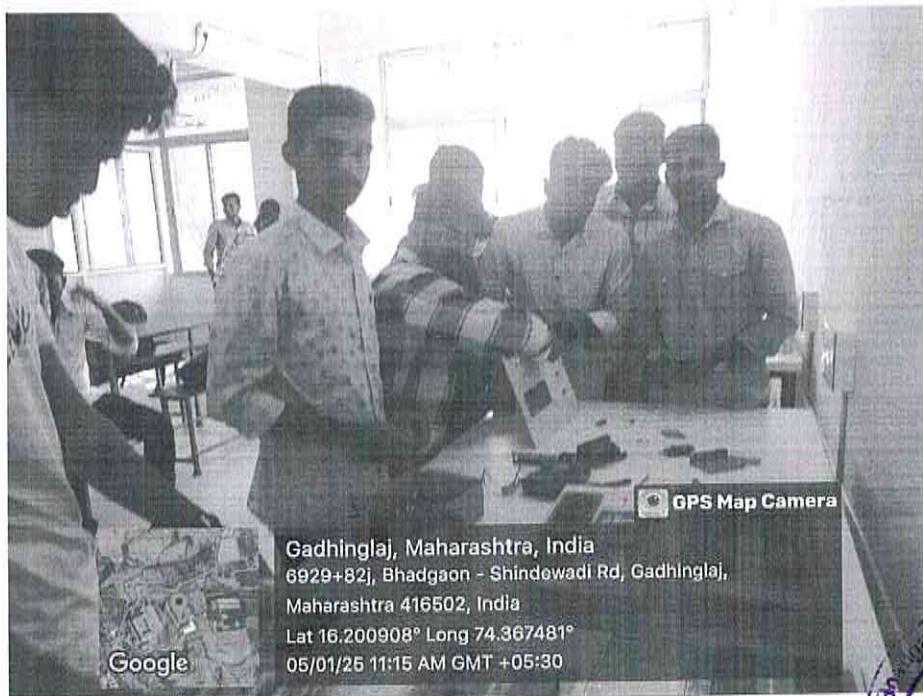
Bhadgaon, Gadhwinglaj. Dist: Kolhapur Pin:416502

Academic Year 2024-25

EE, ECS and IIC



Session 1





Dinkarao K. Shinde Smarak Trusts

DR. A. D. SHINDE COLLEGE OF ENGINEERING.

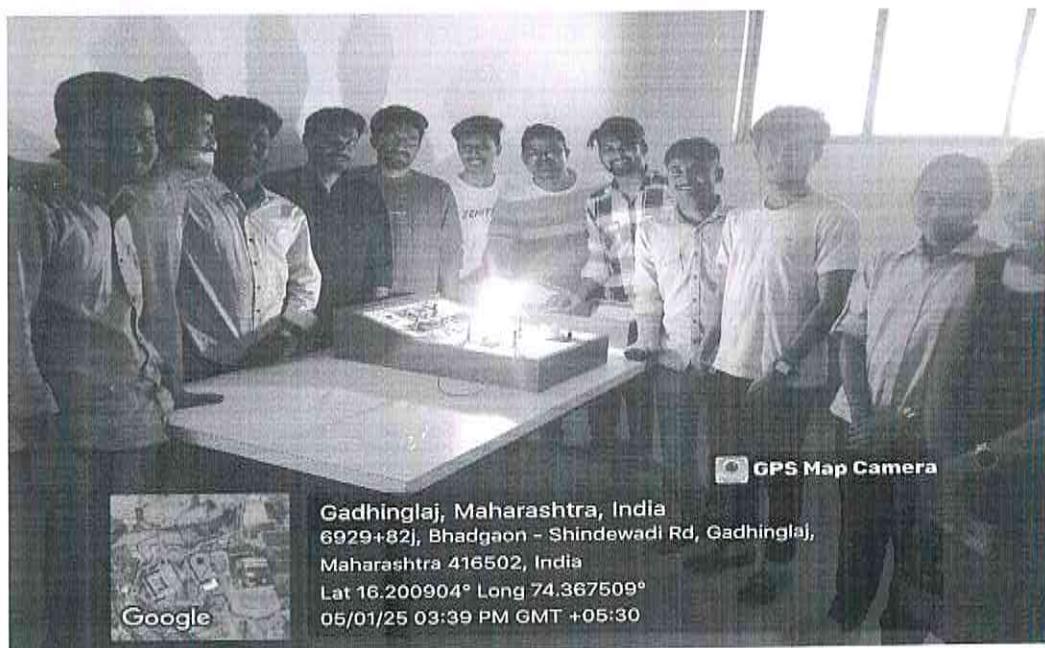
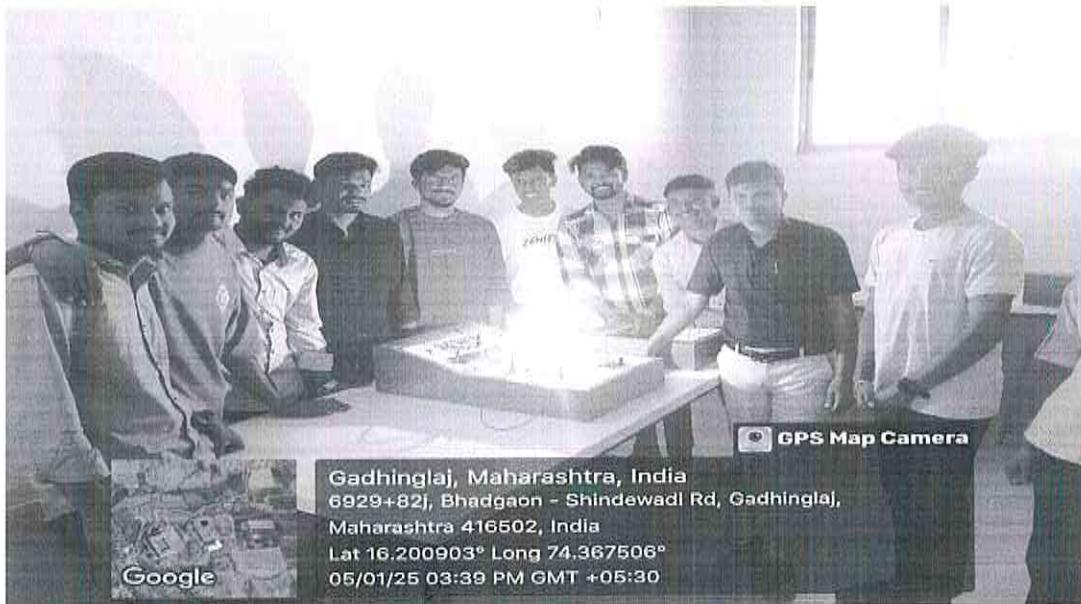
Bhadgaon, Gadchinglaj. Dist: Kolhapur Pin:416502

Academic Year 2024-25

EE, ECS and IIC



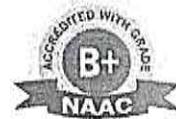
Session 2:





Dinkarao K. ShindeSmarak Trusts

DR.A. D. SHINDE COLLEGEOFENGINEERING.
Bhadgaon, Gadchinglaj. 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.

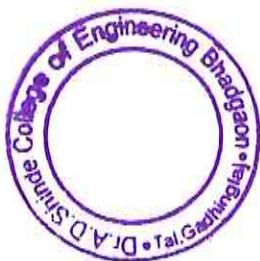
This is for your kind information and approval.

Thanking you

Yours faithfully

(Dr. Vireshkumar G. M.)

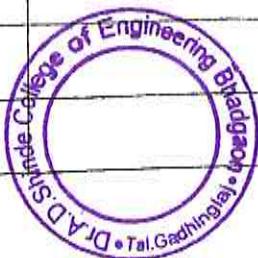
permitted
Ghende
21/12/24.





Electrical Engineering Department

Attendance Sheet





Electronics and Computer Science Department

Attendance Sheet

Sl. No	PRN Number	Name of Students	Signature
1	2023037932	Ritesh Ramesh Jondhale	Jondhale
2	2023037266	Somiksha. Suhas Kolekar	Kolekar
3	2023037099	Swapnil Babasa Patil	Patil
4	2024066982	Prathamesh Prakash Pedanekar	Pedanekar
5	2023038084	Harshad Vilas Kasalkar	Kasalkar
6	2023038765	Sahil shivaji Horamble	Sahil
7	2023038382	Savesh Santosh Desai	Desai
8.	2024065537	Sweta Ganpatrao Hodge	Hodge
9	2024065769	Nikita Balu Waingade	Waingade
10	2024065791	Pooja Ashok Ingavale	Ingavale
11)	2024067528	Shraddha Dayanand Patil	Patil
12)	202406844	Prachi Sanjay Rane	Rane
13)	2024064197	Omkar M Patil	Patil
14)	2024064866	Pramod T. Patil	Pramod
15	2023077979	Ravikiran Rajendra Khairmode	Khairmode
16	2024065087	Ayjun J. Bongarde	Bongarde
17	2023078359	Prajwal P. Chougule	Chougule
18	2023077964	Saniya B. Jagdale	Jagdale
19	2023077993	Ankita R. Kharade	Kharade



DINKARRAO K. SHINDE SMARAK TRUST'S

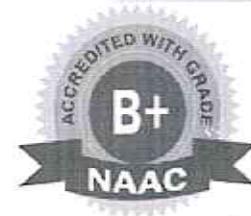
DR.A.D.SHINDE COLLEGE OF ENGINEERING

Bhadgaon Gadchinglaj Dist-Kolhapur (MH)

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



CERTIFICATE



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, Gadchinglaj. Dist: Kolhapur, Pin: 416502

Academic Year 2024-25

Department of Electronics and Computer Science



**DEPARTMENT OF
ELECTRONICS AND COMPUTER SCIENCE
VALUE ADDED COURSES**

Sr.No	ACADEMIC YEAR	CLASS	NAME OF WORKSHOP	DATE & DURATION	STUDENT COUNT
1	2024-2025	TE	Internet of Things	30/12/2024 to 03/01/2025	30
		TE	Python programming	3/3/2025 to 8/3/2025	30

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HOD

HOD

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



Workshop
on
“Internet of Things”
Duration: 30/12/2024 to 3/1/2025
Class: Third Year
Sem: VI





Dinkarao K. Shinde Smarak Trusts

DR. A. D. SHINDE COLLEGE OF ENGINEERING.

Bhadgaon, Gadchinglaj. Dist: Kolhapur Pin:416502

Academic Year 2024-25

Department of Electronics & Computer Science

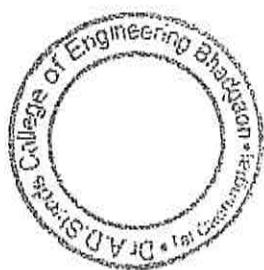


Date: 27/12/2024

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 DADS COE seminar hall. Kindly attend the workshop without fail.

Reporting Time: 10:00 am



R. Pandurang
HOD
HOD
Electronics & Computer Science
Dr. A. D. Shinde College of Engineering
A/P. Bhadgaon, Tal. Gadchinglaj





Dinkarao K. Shinde Smarak Trusts

DR. A. D. SHINDE COLLEGE OF ENGINEERING.

Bhadgaon, Gadhwinglaj, 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,

Registrar

Students will be charged of
of Rs 2000/- The expenses for
the college may be around 3000/-
Put v.p the professor with Hon Secretary
for consideration & sanction

Ghewar
27/12/24



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



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Bhadgaon, Gadchinglaj. Dist: Kolhapur Pin:416502

Academic Year 2024-25

Department of Electronics and Computer Science



DEPARTMENT OF ELECTRONICS AND COMPUTER SCIENCE

WORKSHOP ON Internet of Things

Duration: 30/12/2024 to 3/1/2025

Class: Third Year

Sem: VI

A.Y: 2024-2025

Evaluation Procedure

- ❖ Eligibility Criteria: Participant should have minimum 75% of attendance.
- ❖ Also participant will be evaluated on the basis of performance during the workshop by the expert.

Program Co-Ordinator

HOD

HOD

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





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DR.A. D. SHINDE COLLEGE OF ENGINEERING.

Bhadgaon, Gadchinglaj. Dist: Kolhapur Pin:416502

Academic Year 2024-25

Department of Electronics and Computer Science



**DEPARTMENT OF
ELECTRONICS AND COMPUTER SCIENCE**

Duration: 30/12/2024 to 3/1/2025

Class: Third Year

Sem: VI

A.Y: 2024-2025

**SYLLABUS FOR WORKSHOP ON
Internet of Things**

Internet of Things

Day 1: Introduction to IoT

- Overview of IoT
- IoT applications in smart cities, healthcare, industry
- IoT architecture and basic concepts

Day 2: Sensors and Controllers

- Types of sensors and actuators
- Introduction to Arduino / ESP microcontrollers
- Interfacing basic sensors

Day 3: IoT Communication and Networking

- IoT communication protocols
- Basics of networking for IoT
- Data transmission concepts



Day 4: Cloud Platforms and Data Visualization

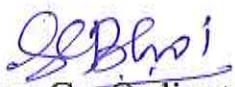
- Introduction to IoT cloud platforms
- Data storage and visualization
- Simple IoT data monitoring

Day 5: Mini Project and Demonstration

- Design of simple IoT-based project
- Project implementation
- Demonstration and interaction

5. Outcomes of the Program

- Students understood core concepts of IoT
- Ability to interface sensors and microcontrollers
- Knowledge of IoT communication and cloud platforms
- Development of simple IoT-based applications
- Enhanced practical and problem-solving skills



Program Co-Ordinator



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





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DR.A. D. SHINDE COLLEGE OF ENGINEERING.

Bhadgaon, Gadchinglaj. Dist: Kolhapur Pin:416502

Academic Year 2024-25

**Department of Electronics and Computer
Science**



**DEPARTMENT OF
Electronics and Computer Science**

**WORKSHOP ON
Internet of Things**

Duration: 30/12/2024 to 3/01/2025

Class: Third Year

Sem: VI

A.Y: 2024-2025

COURSE OUTCOME

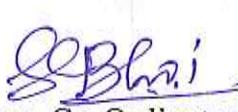
1: Understand the fundamentals of IoT architecture, components, and communication models.

2: Identify and interface basic sensors and actuators used in IoT systems.

3: Apply microcontroller or development boards (Arduino / ESP / Raspberry Pi) for IoT applications.

4: Implement wired and wireless communication protocols such as UART, I2C, SPI, Wi-Fi, and Bluetooth.

5: Develop simple IoT applications for data acquisition, cloud integration, and remote monitoring.


Program Co-ordinator




HOD

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Electronics & Computer Science
Dr. A. D. Shinde College of Engineering
Bhadgaon, Tal. Gadchinglaj
Dist. Kolhapur, Pin 416502



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DR. A. D. SHINDE COLLEGE OF ENGINEERING.

Bhadgaon, Gadhwad. Dist: Kolhapur Pin:416502

Academic Year 2024-25

Department of Electronics & Computer Science

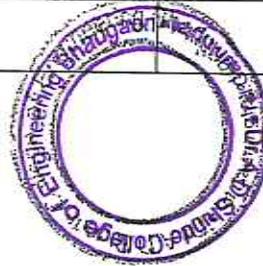


Attendance for 5 days workshop on Internet of Things

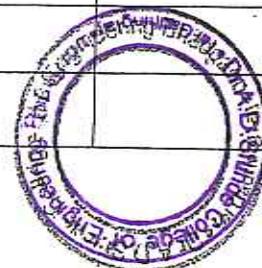
Sr. No	Name of the students	30/12/24	31/12/24	01/01/25	02/01/25	03/01/25
1	Tejaswini Tanaji Patil	Patil	Patil	Patil	Patil	Teju
2	Manali Parasharam Moture	Moture	Moture	Moture	Moture	Moture
3	Vishwajit. M. Salunkhe	V.M.Salunkhe	V.M.Salunkhe	V.M.Salunkhe	V.M.Salunkhe	V.M.Salunkhe
4	Khairmode Ravikiran Rajendra	R.Khairmode	R.Khairmode	R.Khairmode	R.Khairmode	R.Khairmode
5	Prajwal Prakash Chougule	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal
6	Sanket Bandopant Chindake	Sanket	Sanket	Sanket	Sanket	Sanket
7	Sambhaji Pandarang Chougule	SP	SP	SP	SP	SP
8	Nikhil Huzani Mugal, huzani	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil
9	Rutuja Chandekant Padekar	R.P.	R.P.	R.P.	R.P.	R.P.
10	Karuna Tukaram Godase	Karuna	Karuna	Karuna	Karuna	Karuna
11	Vishwajit. Salunkhe	V.M.Salunkhe	V.M.Salunkhe			



12	Sakshi Pandurang Jadhav		Jadhav	Jadhav	Jadhav	
13	Antika Rajendra chougule		<u>P</u>	<u>A2</u>	<u>A2</u>	
14	Dnyaneshwari Dilip Patil		<u>Dilip</u>	<u>Dilip</u>	<u>Dilip</u>	<u>Dilip</u>
15	Samruddhi Sakhatam Ingavale		<u>Sam</u>	<u>Sam</u>	<u>Sam</u>	<u>Sam</u>
16	Geetabhiji Pandurang Chougule		<u>GP</u>			
17	shubhangi chandrakant karve		<u>Barve</u>	<u>Barve</u>	<u>Barve</u>	<u>Barve</u>
18	Nikhil Huzuri Muzulihalliwar		<u>Nikhil</u>			
19	Diksha Namdev Sutar		<u>Diksha</u>			
20	Prachi Sanjay Rane			<u>Prachi</u>	<u>Prachi</u>	
21	Shraddha Dnyanand Patil			<u>Patil</u>	<u>Patil</u>	
22	Megha Bhikaji Hule			<u>Hule</u>		
23	Vrushali Amar Malvi			<u>Malvi</u>		
24	Sweta Ganpatrao Hodage			<u>Hodage</u>		
25	Nikita Balu waingade			<u>Waingade</u>		
26	Ponja Ashok Ingole			<u>Ingole</u>		
27	Aijun Jaywant Bongade			<u>Bongade</u>	<u>Bongade</u>	<u>Bongade</u>
28	Gaurav Jaywant Bhorankar			<u>Gaurav</u>	<u>Gaurav</u>	
29	Harshad vilas Kasalkar			<u>Kasalkar</u>	<u>Kasalkar</u>	



30	Sarvesh Desai			<u>Sarvesh</u>	<u>Sarvesh</u>	
31	Omkar M Patil			<u>Omkar</u>	<u>Omkar</u>	<u>Omkar</u>
32	Vikram A Kuttu			Vikram		
33	Sahil S Horamble			<u>Sahil</u>	<u>Sahil</u>	
34	Gundurav S Goral			<u>Gundurav</u>		
35	Samiksha S Kolekar			<u>Samiksha</u>	<u>Samiksha</u>	
36	Vrushali H Divate			<u>Vrushali</u>	<u>Vrushali</u>	
37	Ritesh R Jondhale			<u>Ritesh</u>	<u>Ritesh</u>	
38	Rahul R Jadhav			<u>Rahul</u>	<u>Rahul</u>	
39	Roathamesh P. Pedanekar			<u>Roathamesh</u>	<u>Roathamesh</u>	
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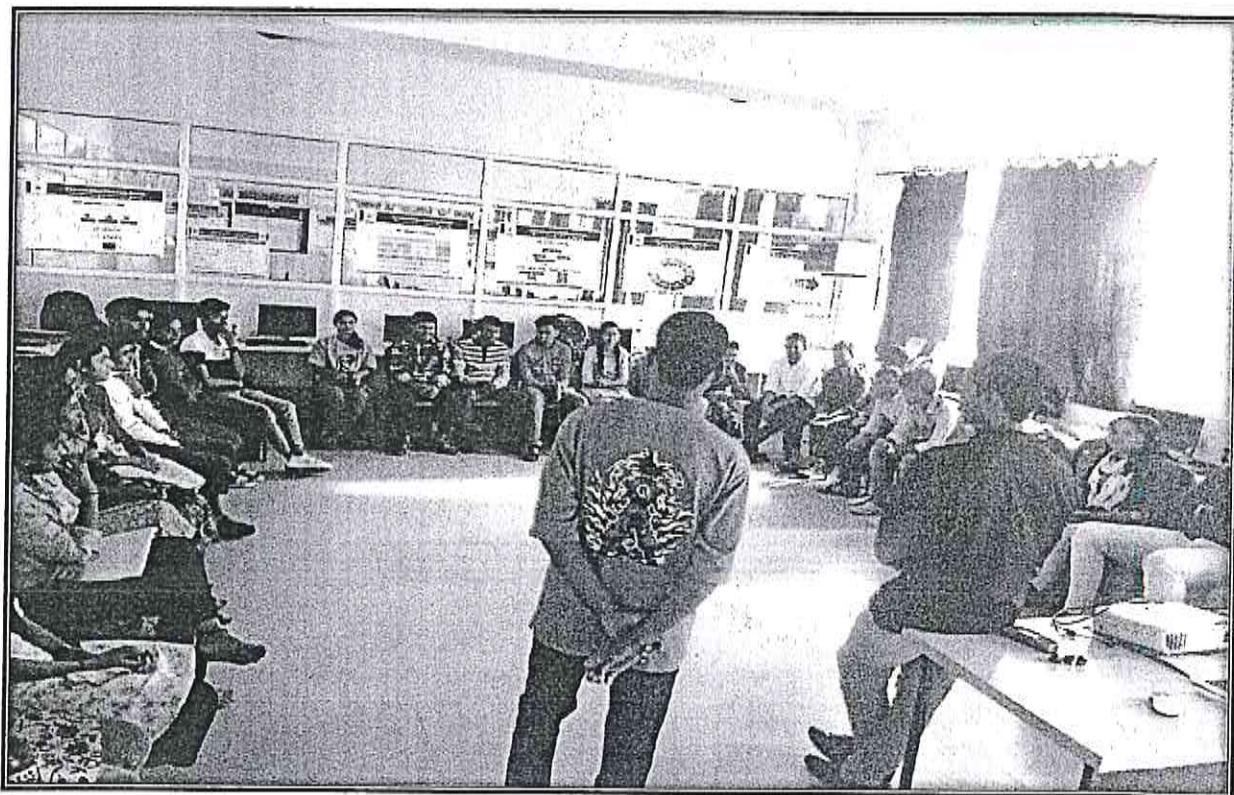


(Signature)
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 Electronics & Computer Science
 Dr. A. D. Shinde College of Engineering
 A/P. Warananagar



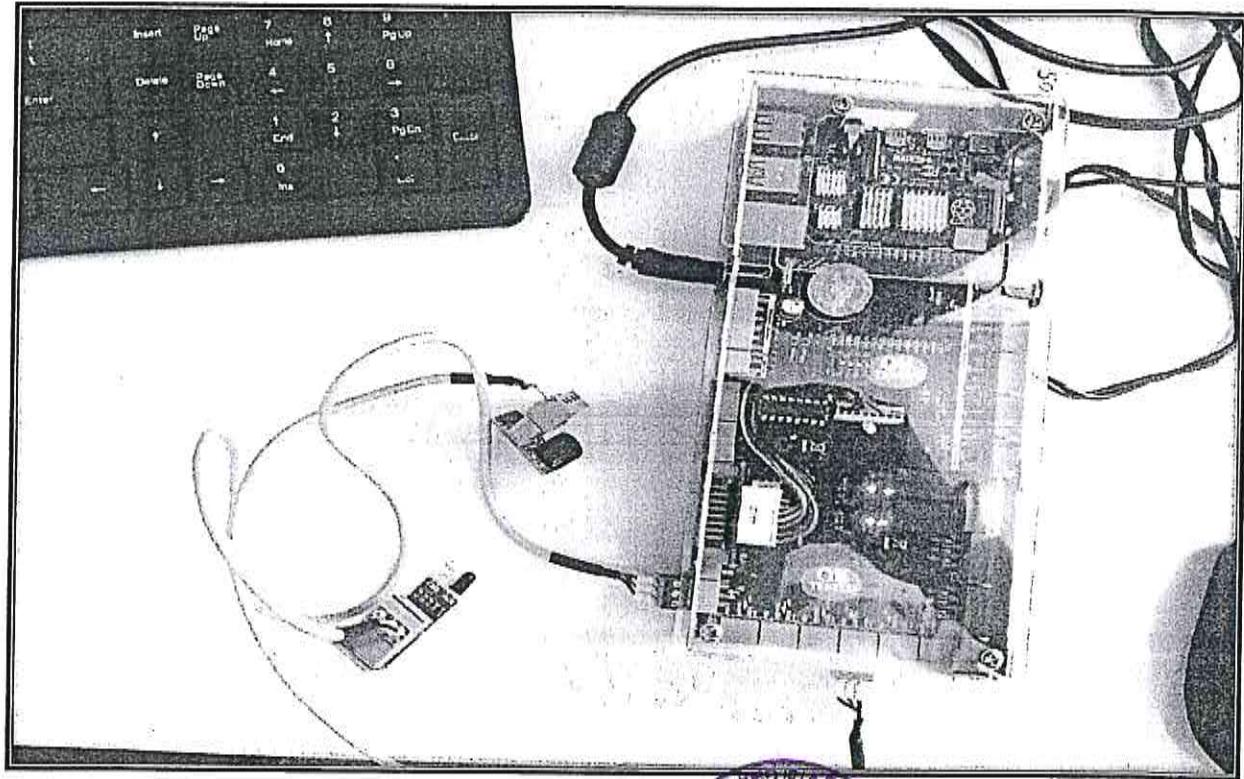
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Practical Session





Workshop

on

“Python Programming”

Duration: 3/3/2025 to 8/3/2025 2025

Class: Third Year

Sem: VI





Dinkarao K. Shinde Smarak Trust's

DR. A. D. SHINDE COLLEGE OF ENGINEERING.

Academic Year 2024-25

Department of Electronics and Computer Science



Date: 01/03/2025

NOTICE

All the student of Third Year B. Tech are hereby informed that department is organizing "Skill Enhancement Add-on Course on Python Programming" from 3rd March 2025 to 8th March 2025. All concerned students are informed to attend the same without fail.

Reporting time: 10:00 am

Venue: Programming Lab.



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HOD

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





Dinkarao K. Shinde Smarak Trusts

DR.A. D. SHINDE COLLEGE OF ENGINEERING.

Bhadgaon, Gadchinglaj. Dist: Kolhapur Pin:416502

Academic Year 2024-25

Department of Electronics And Computer Science



DEPARTMENT OF
Electronics And Computer Science

WORKSHOP ON
Python programming

Duration: 3rd March 2025 to 8th March 2025

Class: Third Year

Sem: VI

A.Y: 2024-2025

Evaluation Procedure

- ❖ Eligibility Criteria: Participant should have minimum 75% of attendance.
- ❖ Also participant will be evaluated on the basis of performance during the workshop by the expert.

SSBhosari
Program Co-Ordinator



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HOD
HOD

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



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DR.A. D. SHINDE COLLEGE OF ENGINEERING.

Bhadgaon, Gadchinglaj. Dist: Kolhapur Pin:416502

Academic Year 2024-25

Department of Electronics And Computer Science



**DEPARTMENT OF
ELECTRONICS AND COMPUTER SCIENCE**

Duration: 3rd March 2025 to 8th March 2025

Class: Third Year

Sem: VI

A.Y: 2024-2025

SYLLABUS FOR PYTHON PROGRAMMING

❖ Python Programming

Day 1: Introduction to Python

- Overview of Programming & Python
- Features and applications of Python
- Installation of Python & IDE (Anaconda / IDLE / VS Code)
- Python syntax, keywords, variables
- Input and Output statements
- Hands-on: Basic programs

Day 2: Data Types and Operators

- Built-in data types (int, float, string, boolean)
- Type conversion
- Operators (Arithmetic, Relational, Logical)
- Expressions and precedence
- Hands-on: Simple calculations & programs

Day 3: Control Statements

- Conditional statements (if, if-else, nested if)
- Looping (for, while)
- Loop control (break, continue, pass)
- Hands-on: Pattern printing & logic building programs



Day 4: Functions and Data Structures

- Functions (definition, arguments, return values)
- Lambda functions
- Lists, Tuples, Sets
- Dictionaries
- Hands-on: Programs using functions & data structures

Day 5: File Handling and Exception Handling

- File operations (read, write, append)
- Working with text files
- Exception handling (try, except, finally)
- Common runtime errors
- Hands-on: File-based programs

Day 6: OOP Concepts & Mini Project

- Introduction to OOP
- Classes and Objects
- Constructors
- Inheritance and Polymorphism
- Mini Project development
 - Student Management System / Simple Automation
- Project demonstration & feedback

Workshop Outcomes

- Understand Python fundamentals
- Develop logic using Python
- Write structured programs
- Apply OOP concepts
- Build a small real-world application

DeBhavai
Program Co-Ordinator



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



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DR.A. D. SHINDE COLLEGE OF ENGINEERING.

Bhadgaon, Gadchinglaj, Dist: Kolhapur Pin:416502

Academic Year 2024-25

Department of Electronics and Computer
Science



DEPARTMENT OF
Electronics and Computer Science

WORKSHOP ON
Python Programming

Duration: 3/3/2025 to 8/3/2025

Class: Third Year

Sem: VI

A.Y: 2024-2025

COURSE OUTCOME

1: Understand the fundamentals of Python programming, including syntax, variables, data types, and operators.

2: Apply conditional statements and looping constructs to solve basic programming problems.

3: Develop modular programs using functions, lists, tuples, dictionaries, and strings.

4: Implement file handling and exception handling techniques for real-world applications.

5: Utilize Python libraries such as NumPy and Matplotlib for basic data analysis and visualization.

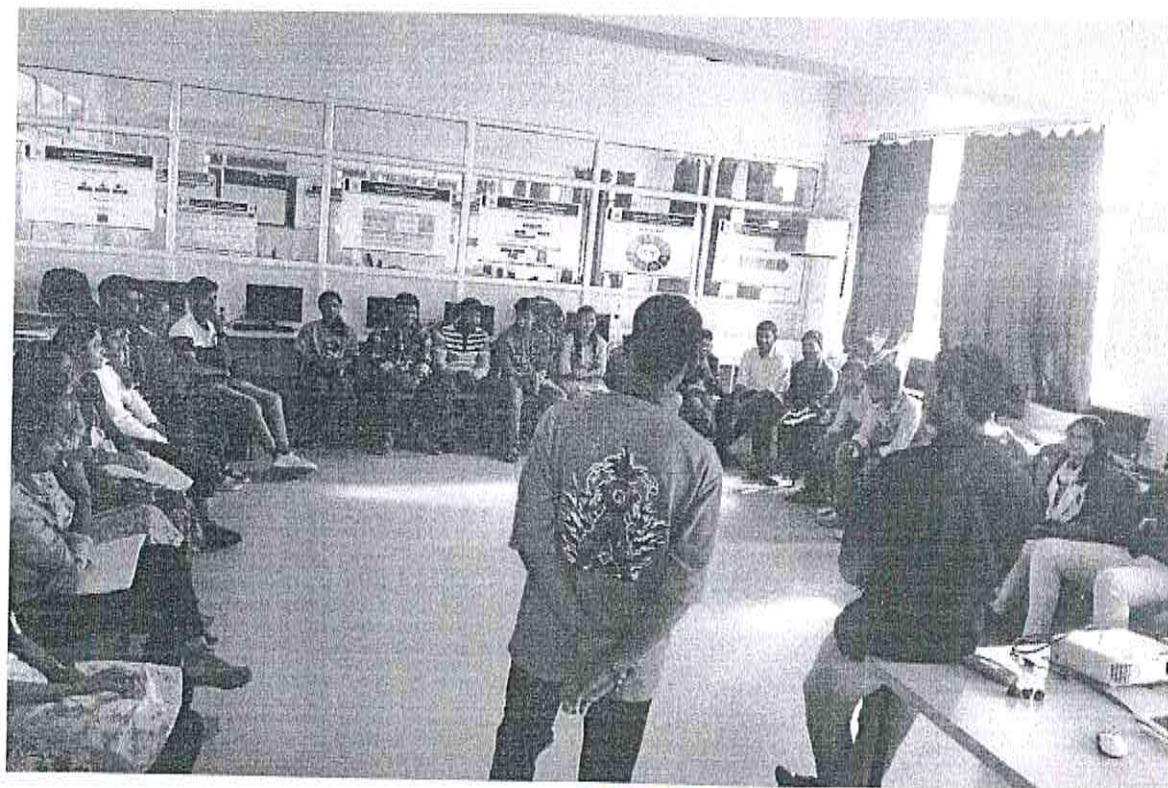
Program Co-Ordinator



HOD

HOD

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





Dinkarao K. Shinde Smarak Trusts
Dr. A. D. Shinde College of Engineering, Bhadgaon.
Department of Electronics & Computer Science
Organized
Skill Enhancement Add-on Course on Python Programming
For B. Tech - VI Sem Students



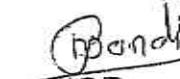
Attendance

Sr. No	Name of student	Date					
		3/3/2025	4/3/2025	5/3/2025	6/3/2025	7/3/2025	8/3/2025
1	Ravikiran Rajendra Khairmode	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant
2	Aftab Mehabub mulla	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant
3	Karuna Tukaram Godare	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant
4	Tejaswini Tanaji Patil	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant
5	Manali Parasharam Motne	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant
6	Dnyaneshwari Dilip Patil	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant
7	Rutuja chandekant Padekale	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant
8	Somnudhhi Sakhatram Ingavale	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant
9	Amol Arvind Patil	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant
10	Anjali Sagaro Nikam	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant
11	vishwajit. manasing salunkhe patil	V. M. Patil					
12	Swarnayop Pandurang Jadhav	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant
13	Prajwal Prakesh chinchalkar	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant
14	Sanket Bandopant Chindale	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant



Sr. No	Name of Student	Date					
		3/3/2025	4/3/2025	5/3/2025	6/3/2025	7/3/2025	8/3/2025
15	Nikhil Huvani Muga 1 st year	NM	NM	NM	NM	NM	NM
16	Amit Ranjay Chavhan	AM	AM	AM	AM	AM	AM
17	Gautami Arjun Patilade	GP	GP	GP	GP	GP	GP
18	Snehal Shrikant Divatekar	SP	SP	SP	SP	SP	SP
19	Sakshi Anil Patil	SP	SP	SP	SP	SP	SP
20	Sambhaji Pandurang Chougule	SP	SP	SP	SP	SP	SP
21	Shweta Sandip Patil	SP	SP	SP	SP	SP	SP
22	Wadika Krushna Telre	WP	WP	WP	WP	WP	WP
23	Rahul Basavraj Amate	RP	RP	RP	RP	RP	RP
24	Rehirt Ponalip Patil	RP	RP	RP	RP	RP	RP
25	Sandesh Rajendra Rakatale	SP	SP	SP	SP	SP	SP
26	Prathamesh Pandurang Patil	PP	PP	PP	PP	PP	PP
27	Ashwini Subarao Patil	AP	AP	AP	AP	AP	AP
28							
29							
30							




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

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

VALUE ADDED COURSES

Sl.no	Academic Year	Class	Name of the Workshop	Date & Duration	Student Count
1	2024-25	TE, BE	WORKSHOP ON ADDITIVE MANUFACTURING (3-D PRINTING)	13 th to 18 th January 2025	71
		SE	WORKSHOP ON SOLIDWORKS SOFTWARE	10 th to 15 th February 2025	44



H.O.D.

Dept.of Mechanical & Mechatronics Engg.
 Dr.A.D.Shinde College of Engg.
 Bhadgaon,Tal.Gadchinglaj



WORKSHOP
on
“Hands-On 3D Printing”
Duration: 13th to 18th JAN-2025
Class: TY, LY
SEM: VI, VIII





Dinkarao K. Shinde Smarak Trusts

DR. A. D. SHINDE COLLEGE OF ENGINEERING

Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin: 416502

Academic Year 2024-25

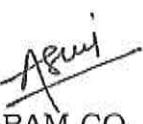
Department of Mechanical Engineering



NOTICE

All the Third Year and Final Year students of the Mechanical Engineering Department, Dr. A. D. Shinde College of Engineering, Bhadgaon, are informed that a **Hands-On 3D Printing Workshop** by Mr. Harsh Ghodake is scheduled from **13th January 2025 to 18th January 2025**. Students are advised to carefully go through the syllabus and schedule of the course. Regular attendance for all sessions is expected and will contribute positively to your academic and professional growth.

All concerned students are requested to take note of this notice and act accordingly.


PROGRAM CO- ORDINATOR


H.O.D
Dept. of Mechanical & Mechatronics En
Dr. A. D. Shinde College of Eng
Bhadgaon, Tal. Gadhinglaj





Dinkarao K. Shinde Smarak Trusts

DR. A. D. SHINDE COLLEGE OF ENGINEERING

Bhadgaon, Gadchinglaj. Dist: Kolhapur Pin: 416502.

Academic Year 2024-25

Department of Mechanical Engineering



DEPARTMENT OF MECHANICAL ENGINEERING

WORKSHOP ON

Hands-On 3D Printing Workshop

Duration: 13th to 18th Jan. 2025

CLASS: B. Tech Final Year and Third Year

A.Y: 2024-25

Evaluation procedure

- ❖ Eligibility Criteria: Participant Should Have Minimum 75% of attendance.
- ❖ Also participant will be evaluated on the basis of performance during the workshop by the expert.

Agni
PROGRAM CO- ORDINATOR



J
H.O.D.
Dept. of Mechanical & Mechatronics Eng
Dr. A. D. Shinde College of Engg
Bhadgaon, Tal. Gadchinglaj



Dinkarao 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



DEPARTMENT OF MECHANICAL ENGINEERING

SYLLABUS FOR WORKSHOP ON

Hands-On 3D Printing Workshop

Duration: 13th to 18th Jan. 2025

CLASS: B. Tech Final Year and Third Year

A.Y: 2024-25

1. Introduction to Additive Manufacturing
2. 3D Printing Technologies
3. Materials in Additive Manufacturing
4. Design for Additive Manufacturing (DFAM)
5. Applications and Industry Insights
6. Future Trends in Additive Manufacturing


PROGRAM CO- ORDINATOR




HOD
Dept. of Mechanical & Mechatronics Eng.
Dr. A. D. Shinde College of Eng.
Bhadgaon, Tal. Gadhinglaj



Dinkarrao K. Shinde Smarak Trusts

DR. A. D. SHINDE COLLEGE OF ENGINEERING

Bhadgaon, Gadchinglaj. Dist: Kolhapur Pin: 416502

Academic Year 2024-25

Department of Mechanical Engineering



REPORT

The Department of Mechanical Engineering conducted a **Hands-On 3D Printing Workshop** from 13th to 18th January 2025. The workshop aimed to introduce students to the fundamentals of additive manufacturing and provide practical exposure to 3D printing technology. Students learned about 3D modelling, slicing software, material selection, and machine operation. Live demonstrations and hands-on sessions enabled participants to fabricate their own prototype models. The workshop enhanced students' technical skills and encouraged innovative thinking in product development. Overall, the program was highly informative and beneficial for the students. Total 71 of Third Year and Last year Mechanical engineering student participated in this Workshop. All the faculty members from the Mechanical department worked actively for the successful completion of workshop.

PROGRAM CO- ORDINATOR

H.O.D.

Dept. of Mechanical & Mechatronics Engg.
Dr. A. D. Shinde College of Engg.
Bhadgaon, Tal. Gadchinglaj





Dinkarao K. Shinde Smarak Trusts

DR. A. D. SHINDE COLLEGE OF ENGINEERING

Bhadgaon, Gadchinglaj. Dist: Kolhapur Pin: 416502

Academic Year 2024-25

Department of Mechanical Engineering



DEPARTMENT OF MECHANICAL ENGINEERING

WORKSHOP ON

Hands-On 3D Printing Workshop

Duration: 13th to 18th Jan. 2025

CLASS: B. Tech Final Year and Third Year

A.Y: 2024-25

COURSE OUTCOMES

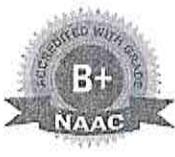
1. To introduce the fundamentals of 3D printing and its role in modern manufacturing.
2. To familiarize participants with different 3D printing technologies and their applications.
3. To provide hands-on training in designing and printing 3D models.
4. To enhance understanding of material selection, printing parameters, and post-processing techniques.
5. To discuss current trends and future opportunities in additive manufacturing.

PROGRAM CO- ORDINATOR

H.O.D.

Dept. of Mechanical & Mechatronics En
Dr. A. D. Shinde College of Engg
Bhadgaon, Tal. Gadchinglaj



	<p style="text-align: center;">Dinkarao 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</p>	
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DEPARTMENT OF MECHANICAL ENGINEERING

SYLLABUS FOR WORKSHOP ON SolidWorks Software

Duration: 10th to 15th Feb. 2025

CLASS: Second Year

A.Y: 2024-25

1. **Introduction & Sketching Fundamentals** - SolidWorks interface, planes, design intent, 2D sketch tools, constraints.
2. **Part Modelling Basics** - Extrude, Revolve, Fillet, Chamfer, Shell, Draft, pattern tools.
3. **Advanced Part Modelling** - Sweep, Loft, Rib, multi-body parts, complex shape creation.
4. **Assembly Modelling** - Bottom-up assemblies, standard & advanced mates, interference checking.
5. **Engineering Drawing Creation** - Creating 2D drawings, views, section/ detail views, BOM, exploded views.
6. **Simulation & Mini Project** - Basic stress analysis, motion study, mesh basics, hands-on modelling project.

PROGRAM CO- ORDINATOR





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



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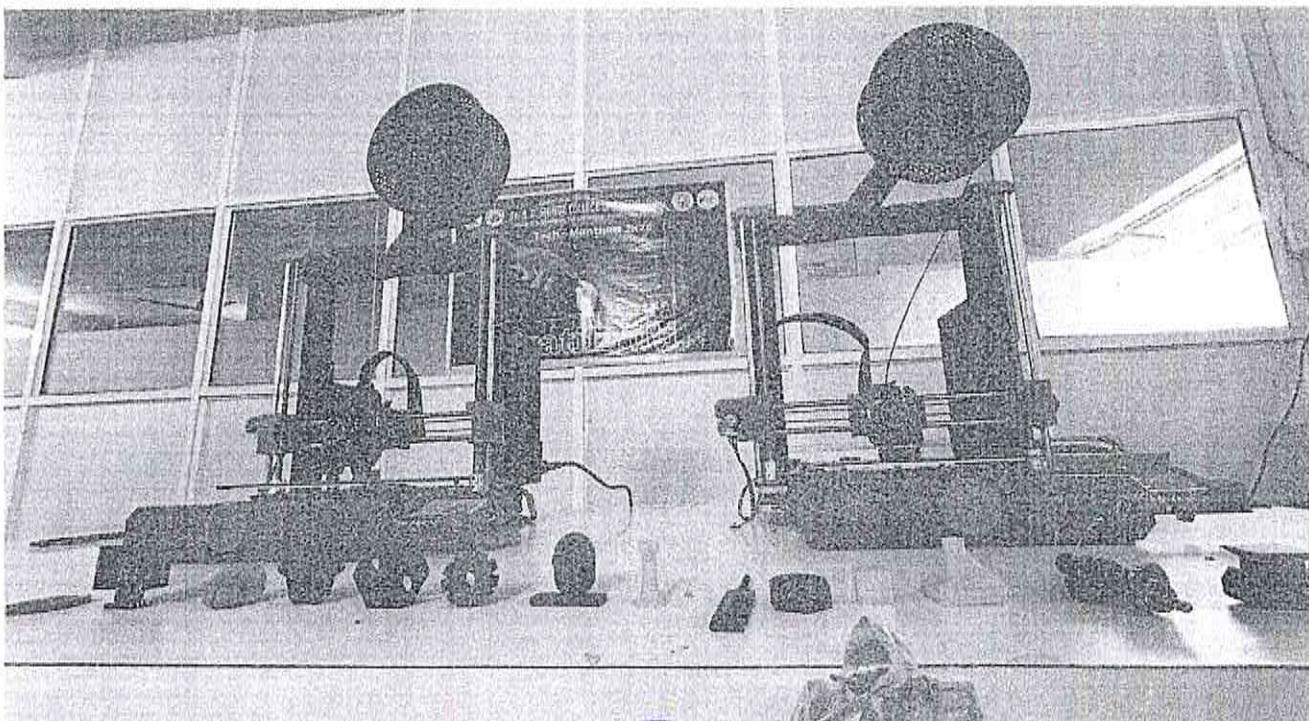
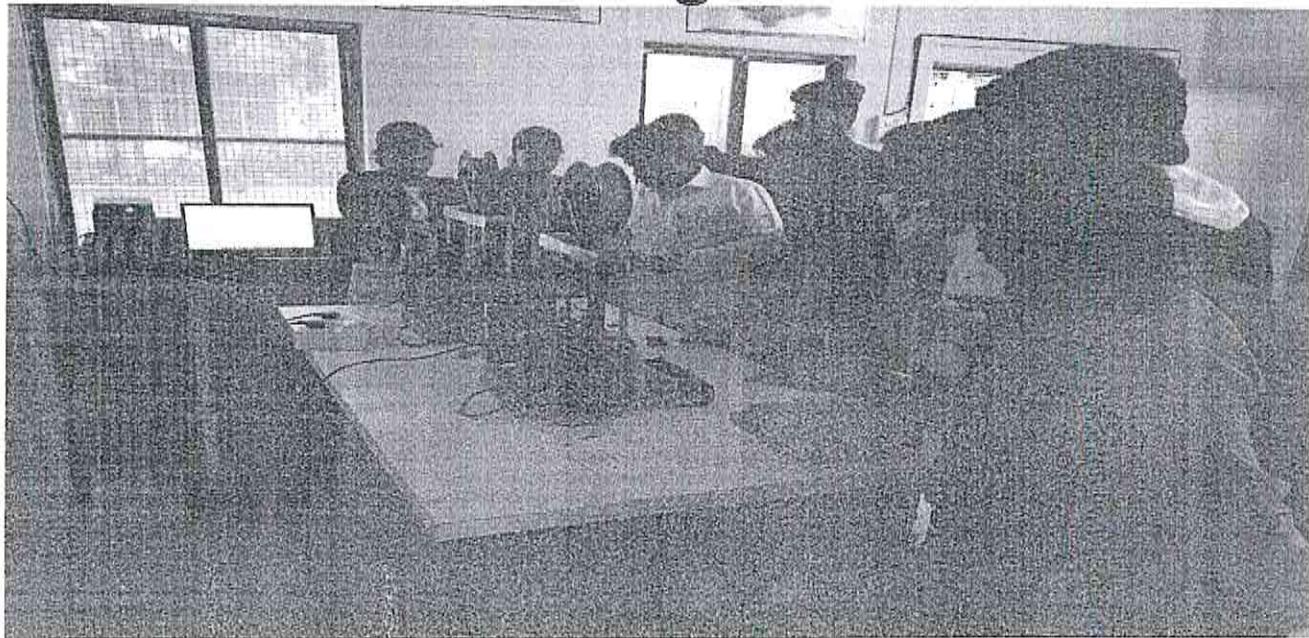
Bhadgaon, Gadchinglaj. Dist: Kolhapur Pin: 416502

Academic Year 2023-24

Department of Mechanical Engineering



Hands - on 3D Printing



DR.A.D.SHINDE COLLEGE OF ENGINEERING, GADHINGLAJ

DEPARTMENT OF MECHANICAL ENGINEERING

ATTENDANCE of WORKSHOP ON HANDS ON 3D PRINTING

Duration: 13th to 18th Jan 2025

Class: TE

Sr.No	PRN NO	STUDENT NAME	13/01/2025	14/01/2025	15/01/2025	16/01/2025	17/01/2025
1	2023042895	BELEKAR ANIKET KRUSHNAT	AB	AB	AB	AB	AB
2	2022087064	CHOUGULE SHRIDHAR M	G-S.M	G-S.M	G-S.M	G-S.M	G-S.M
3	2023081804	HAKIM ANIS ADAM	ha	ha	ha	ha	ha
4	2022086747	JAMADAR DISHANT A	ja	ja	ja	ja	ja
5	2022078866	KABURE TUSHAR D	(B.P.W)	(B.P.W)	(B.P.W)	(B.P.W)	(B.P.W)
6	2022086974	KOTEKAR ROHAN RAJARAM	Ans	Ans	Ans	Ans	Ans
7	2022086993	NAIK RAHUL NAMDEV	R.Naik	R.Naik	R.Naik	R.Naik	R.Naik
8	2022086976	PATIL SAHIL SHANTARAM	(S.C)	(S.C)	(S.C)	(S.C)	(S.C)
9	2022087115	PATIL AMOL SURESH	Amresh	Amresh	Amresh	Amresh	Amresh
10	2022087112	PATIL RAVINA PANDURANG	PPD	PPD	PPD	PPD	PPD
11	2022078781	PATIL VINOD KALAGONDA	VP	VP	VP	VP	VP
12	2020075577	PATIL YOGESH NAMDEV	NPai	NPai	NPai	NPai	NPai
13	2022087038	SWAMI ANIKET ASHOK	SA	SA	SA	SA	SA
14	2021072307	WAGHE DNYANESHWAR S	Dnyanesh	Dnyanesh	Dnyanesh	Dnyanesh	Dnyanesh
15	2023065341	SHINDE RUTURAJ P	Rutu	Rutu	Rutu	Rutu	Rutu
16	2023063168	BHAKARI GAUTAM M	H.M	H.M	H.M	H.M	H.M
17	2023048084	BHARMAL ANMOL SACHIN	B. G. M				
18	2023048351	BHOSALE SIDDHESH R	SB	SB	SB	SB	SB
19	2023080942	CHOUGULE SHIVRAJ V	Shiva	Shiva	Shiva	Shiva	Shiva
20	2023044485	DESAI HRISHIKESH SHRIDHAR	HR	HR	HR	HR	HR
21	2021073365	GAVALI ATAMANAND R	GA	GA	GA	GA	GA
22	2023081544	GHATAGE PRUTHVIRAJ V	Prat	Prat	Prat	Prat	Prat
23	2023049732	GUNDAP VISHAL MARUTI	GM	GM	GM	GM	GM
24	2022086980	KAMBLE SHIVAJI P	Mom	Mom	Mom	Mom	Mom
25	2022087083	KAMBLE ADINATH KRISHNA	An	An	An	An	An

26	2023077865	KAMBLE BASAVARAJ VIJAY	<i>Basav</i>	<i>Basav</i>	<i>Basav</i>	<i>Basav</i>	<i>Basav</i>
27	2023047148	KAMBLE TUSHAR MAHADEV	<i>Tushar</i>	<i>Tushar</i>	<i>Tushar</i>	<i>Tushar</i>	<i>Tushar</i>
28	2023065344	KESARKAR DRAKSHAYANI P	<i>Dreshan</i>	<i>Dreshan</i>	<i>Dreshan</i>	<i>Dreshan</i>	<i>Dreshan</i>
29	2023051741	MALAVEKAR GANESH B	<i>G</i>	<i>G</i>	<i>G</i>	<i>G</i>	<i>G</i>
30	2022086445	MALI PRADIP PANDURANG	<i>Mal</i>	<i>Mal</i>	<i>Mal</i>	<i>Mal</i>	<i>Mal</i>
31	2022087065	MANE VAIBHAV UDAY	<i>Mal</i>	<i>Mal</i>	<i>Mal</i>	<i>Mal</i>	<i>Mal</i>
32	2023081771	PATIL ANIL PANDURANG	<i>Anil</i>	<i>Anil</i>	<i>Anil</i>	<i>Anil</i>	<i>Anil</i>
33	2023080276	PATIL NITISH MADHUKAR	<i>Nitish</i>	<i>Nitish</i>	<i>Nitish</i>	<i>Nitish</i>	<i>Nitish</i>
34	2023065346	PATIL PRATHAMESH SANJAY	<i>Prat</i>	<i>Prat</i>	<i>Prat</i>	<i>Prat</i>	<i>Prat</i>
35	2023081762	PATIL REKHA RAGHUNATH	<i>Rekha</i>	<i>Rekha</i>	<i>Rekha</i>	<i>Rekha</i>	<i>Rekha</i>
36	2023078934	POWAR MARUTI CHINAPPA	<i>Maruti</i>	<i>Maruti</i>	<i>Maruti</i>	<i>Maruti</i>	<i>Maruti</i>
37	2023044156	SARSHETTI PRAVIN BASVANT	<i>Sarshetti</i>	<i>Sarshetti</i>	<i>Sarshetti</i>	<i>Sarshetti</i>	<i>Sarshetti</i>
38	2023081761	SUTAR VISHWAJEET VIJAY	<i>Sutar</i>	<i>Sutar</i>	<i>Sutar</i>	<i>Sutar</i>	<i>Sutar</i>
39	2022087102	SUTAR SANTOSH R	<i>S.R</i>	<i>S.R</i>	<i>S.R</i>	<i>S.R</i>	<i>S.R</i>
40	2023043001	TELI AKASH S	<i>AKASH</i>	<i>AKASH</i>	<i>AKASH</i>	<i>AKASH</i>	<i>AKASH</i>
41	2023049882	WADAGULE VIRAJ M	<i>Viraj</i>	<i>Viraj</i>	<i>Viraj</i>	<i>Viraj</i>	<i>Viraj</i>
42	2022086804	YADAV AKSHAY S	<i>Akshay</i>	<i>Akshay</i>	<i>Akshay</i>	<i>Akshay</i>	<i>Akshay</i>
43	2022087028	PATIL ADITYA S	<i>Aditya</i>	<i>Aditya</i>	<i>Aditya</i>	<i>Aditya</i>	<i>Aditya</i>


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DR.A.D.SHINDE COLLEGE OF ENGINEERING, GADHINGLAJ

DEPARTMENT OF MECHANICAL ENGINEERING

ATTENDANCE of WORKSHOP ON HANDS ON 3D PRINTING

Duration: 13th to 18th Jan 2025

Class: BE

Sr.No.	PRN	Student Name	13/01/2025	14/01/2025	15/01/2025	16/01/2025	17/01/2025	18/01/2025
1	2022087049	ASWALE SAMIR PRABHAKAR	Aswale	Aswale	Aswale	Aswale	Aswale	Aswale
2	2020075741	AWADAN NILESH NARAYAN	A.N.N.	A.N.N.	A.N.N.	A.N.N.	A.N.N.	A.N.N.
3	2022086799	DESAI JAYANT KHANDERAO	Desai	Desai	Desai	Desai	Desai	Desai
4	2022086987	DESAI PRAVIN SHIVGONDA						
5	2016106433	DEVADKAR TEJASHRI ISHWARA	Devadkar	Devadkar	Devadkar	Devadkar	Devadkar	Devadkar
6	2022086986	DHANAWDE NIKHIL MARUTI	Dhawade	Dhawade	Dhawade	Dhawade	Dhawade	Dhawade
7	2021072462	DHURI VINAYAK MARUTI	Dhuri	Dhuri	Dhuri	Dhuri	Dhuri	Dhuri
8	2022087089	HODAGE AVINASH RAJENDRA	Hodage	Hodage	Hodage	Hodage	Hodage	Hodage
9	2021072285	HUNDALEWADKAR NIKHIL S	Hundalewadkar	Hundalewadkar	Hundalewadkar	Hundalewadkar	Hundalewadkar	Hundalewadkar
10	2021071690	JADHAV NITEESH DASHARATH	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav
11	2021072610	MOHITE KIRAN SHIVAJI	Mohite	Mohite	Mohite	Mohite	Mohite	Mohite
12	2018092848	PATIL AKSHAY VASANT	Patil	Patil	Patil	Patil	Patil	Patil
13	2022086731	PATIL RAHUL SHIVAJI	Rahul	Rahul	Rahul	Rahul	Rahul	Rahul
14	2022086981	PATIL RUTUJA RAVINDRA	Patil	Patil	Patil	Patil	Patil	Patil
15	2021072025	PATIL SHUBHAM GANPAT	Patil	Patil	Patil	Patil	Patil	Patil
16	2022078871	PATIL SHWETA SUBHASH	Patil	Patil	Patil	Patil	Patil	Patil
17	2021072339	PATIL SIDDHANT DATTATRAY	Patil	Patil	Patil	Patil	Patil	Patil
18	2021072720	RAUT RUSHIKESH VIKRAM	Raut	Raut	Raut	Raut	Raut	Raut
19	2021072082	SALOKHE ADITYA ARUN	Salokhe	Salokhe	Salokhe	Salokhe	Salokhe	Salokhe
20	2022079008	SONALE DIPAK BALASO	Sonale	Sonale	Sonale	Sonale	Sonale	Sonale
21	2022086385	SONU SAURAV A	Sonu	Sonu	Sonu	Sonu	Sonu	Sonu
22	2022086972	SURYAVANSHI PRATIKSHA D.	Suryavanshi	Suryavanshi	Suryavanshi	Suryavanshi	Suryavanshi	Suryavanshi
23	2020075662	TORASKAR NILESHWAR AJIT	Toraskar	Toraskar	Toraskar	Toraskar	Toraskar	Toraskar
24	2021072012	GHODAKE ABHISHEK A	Abhik	Abhik	Abhik	Abhik	Abhik	Abhik
25	2021072403	KAMBLE VINAYAK P	Kamble	Kamble	Kamble	Kamble	Kamble	Kamble
26	2021072453	MANDALIK ROHAN VILAS	Mandalik	Mandalik	Mandalik	Mandalik	Mandalik	Mandalik
27	2021072435	PATIL SHRINIVAS Y	Patil	Patil	Patil	Patil	Patil	Patil
28	2021072726	RANE NIKHIL SURESH	Rane	Rane	Rane	Rane	Rane	Rane



WORKSHOP

on

“SolidWorks Software”

Duration: 10th to 15th FEB-2025

Class: SY

SEM: IV





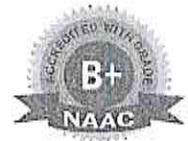
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DR. A. D. SHINDE COLLEGE OF ENGINEERING

Bhadgaon, Gadhinglaj. Dist: Kolhapur Pin: 416502

Academic Year 2024-25

Department of Mechanical Engineering



NOTICE

All the Second Year students of the Mechanical Engineering Department, Dr. A. D. Shinde College of Engineering, Bhadgaon, are informed that a **SolidWorks Software Workshop** by Mr. Parth Patil is scheduled from **10th to 15th February 2025**. Students are advised to carefully go through the syllabus and schedule of the course. Regular attendance for all sessions is expected and will contribute positively to your academic and professional growth.

All concerned students are requested to take note of this notice and act accordingly.


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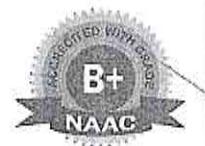
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Bhadgaon, Gadchinglaj. Dist: Kolhapur Pin: 416502

Academic Year 2024-25

Department of Mechanical Engineering



DEPARTMENT OF MECHANICAL ENGINEERING

WORKSHOP ON

SolidWorks Software

Duration: 10th to 15th Feb. 2025

CLASS: Second Year

A.Y: 2024-25

Evaluation procedure

- ❖ Eligibility Criteria: Participant Should Have Minimum 75% of attendance.
- ❖ Also participant will be evaluated on the basis of performance during the workshop by the expert.




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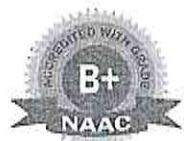
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DR. A. D. SHINDE COLLEGE OF ENGINEERING

Bhadgaon, Gadchinglaj. Dist: Kolhapur Pin: 416502

Academic Year 2024-25

Department of Mechanical Engineering



DEPARTMENT OF MECHANICAL ENGINEERING

WORKSHOP ON

SolidWorks Software

Duration: 10th to 15th Feb. 2025

CLASS: Second Year

A.Y: 2024-25

COURSE OUTCOMES

1. Students will be able to create fully-defined 2D sketches and convert them into accurate 3D models using SolidWorks features
2. Students will be able to assemble multiple components with proper mating constraints to form complete mechanical assemblies.
3. Students will be able to generate professional engineering drawings with dimensions, tolerances and BoM.
4. Students will be able to perform basic simulation and motion analysis for evaluating part strength and mechanism behavior.


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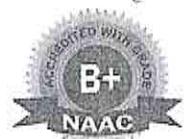
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Bhadgaon, Gadchinglaj. Dist: Kolhapur Pin: 416502

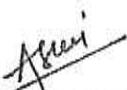
Academic Year 2024-25

Department of Mechanical Engineering



REPORT

A workshop on SolidWorks software was organized by the Mechanical Engineering Department from 10th to 15th February 2025. The workshop was conducted for second-year Mechanical Engineering students with 44 participants. The sessions covered sketching, part modelling, assemblies, and engineering drawings. Students gained hands-on experience in creating 3D models and assemblies. They also learned basic simulation and motion analysis techniques. Practical exercises and mini projects were assigned to reinforce learning. The workshop emphasized design accuracy, parametric modelling, and industry standards. Students actively participated in all sessions and demonstrated creativity in their projects. Overall, the workshop enhanced CAD modelling skills and practical engineering knowledge among the participants. All the faculty members from the Mechanical department worked actively for the successful completion of workshop.


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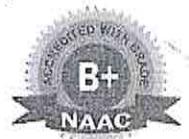
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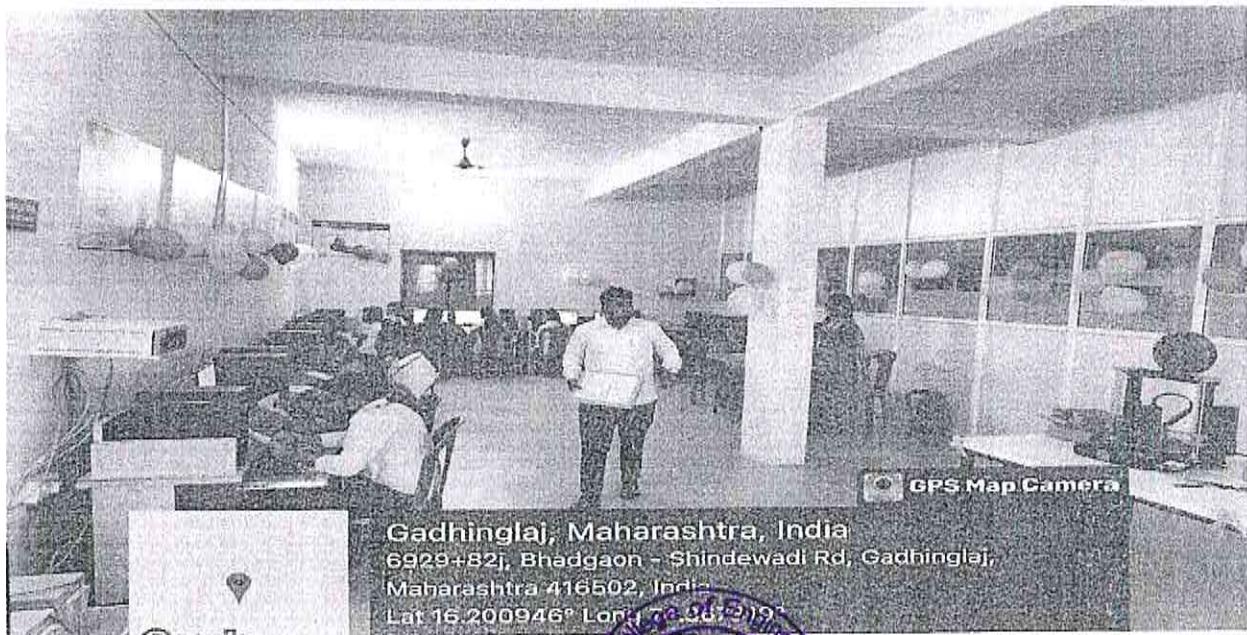
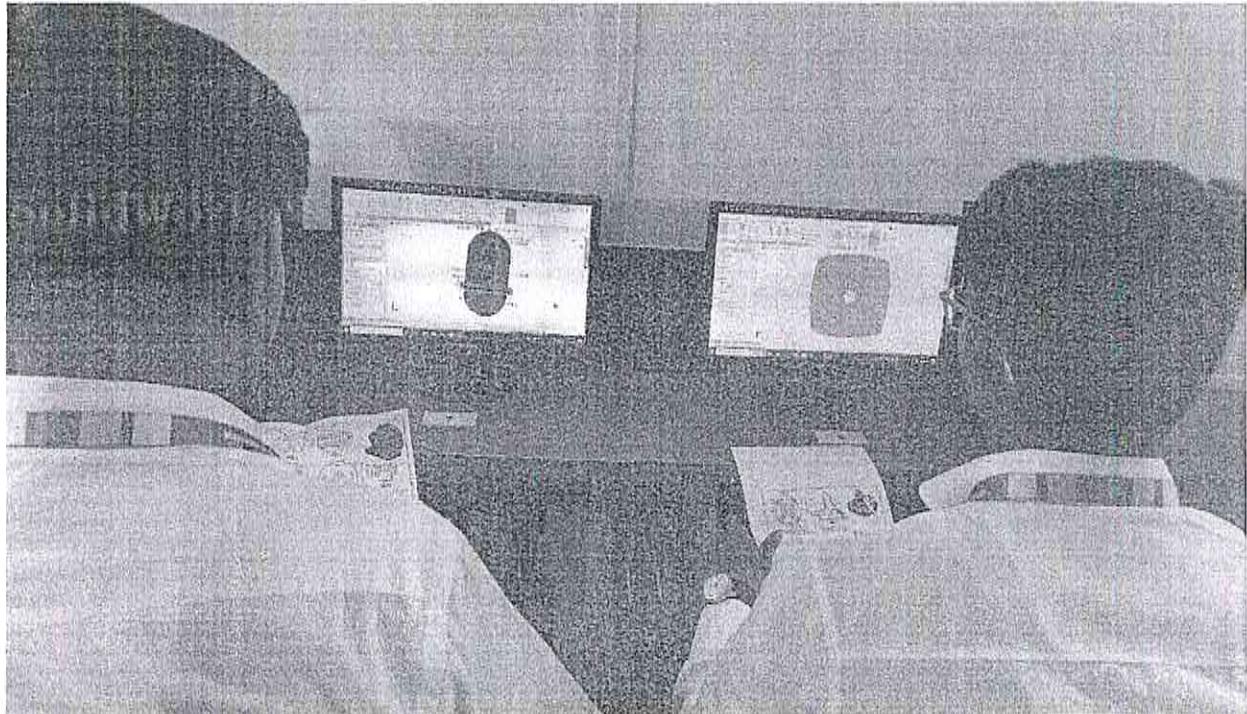
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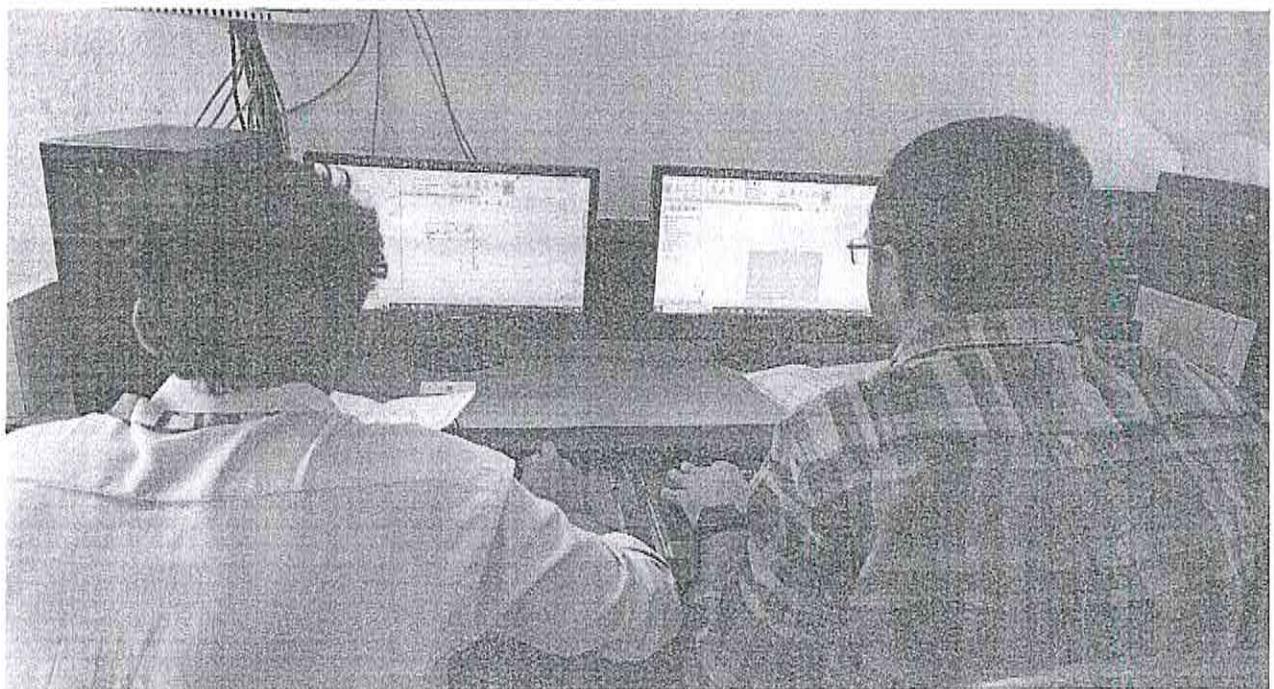
Academic Year 2023-24

Department of Mechanical Engineering



SolidWorks Workshop





DR.A.D.SHINDE COLLEGE OF ENGINEERING, GADHINGLAJ

DEPARTMENT OF MECHANICAL ENGINEERING

ATTENDANCE of SOLIDWORKS SOFTWARE

Duration: 10th to 15th february 2025

Class: SE

Sr.No	PRN NO	STUDENT NAME	10-Feb-25	11-Feb-25	12-Feb-25	13-Feb-25	14-Feb-25	15-Feb-25
1	2024062402	ANGRE AJAY BHAU						
2	2024062395	BHOSALE SANDIP MAHADEV						
3	2024061249	BURUD HARISH YALLAPA						
4	2024060996	CHILAMI GEETA BASAVARAJ						
5	2024065084	DALAVI SANKET KRUSHNA						
6	2024068503	DESAI PRATHAMESH RAMESH						
7	2024062411	DEVEKAR RAHUL KRISHNA						
8	2024065689	DHURI ADITYA ASHOK						
9	2024065597	FAGARE SAURABH MARUTI						
10	2024061084	GAYKWAD SWAPNIL PANDURANG						
11	2024065077	GOTURI DIPAK PRAKASH						
12	2024064817	JADHAV OMKAR SUNIL						
13	2024068507	JANGALI AKSHATA MAHADEV						
14	2024061281	KAMBLE SAHIL MAHADEV						
15	2024074439	KAMBLE SUDESH SATAPPA						
16	2024060871	KAMBLE SWAPNIL ANNAPPA						
17	2024064172	KATKAR GANPATRAO RAOSAHEB						
18	2024063348	LOHAR DIGAMBAR RAMESH						
19	2024061226	MAKANDAR MAHAMADASIF ANVARHUSEN						
20	2024065460	MANE SAHIL GANPATI						
21	2024068510	MHAMUCHE MAHMADGAUS MADAR						
22	2024061123	MOLADI SANIKA BASAVARAJ						
23	2024061058	MORE ROHIT ANNASAHEB						
24	2024069352	MULLA MAHMADKAIF AYUB						
25	2024060818	NIKAM ROHIT ISHWAR						
26	2024065082	NILPANKAR UTTAM TANAJI						
27	2024065260	NIMBALKAR SAGAR SUNIL						



28	2024066132	PATIL AJIT ASHOK	384	385	386	387	388	389	390
29	2024065086	PATIL AMOL RANABA	Amol						
30	2024066167	PATIL ARUN RAMCHANDRA	Arati						
31	2024062426	PATIL DHANASHRI SHAHAJI	Reeti						
32	2024066384	PATIL HARSHVARDHAN ANIL	Hari						
33	2024062394	PATIL NITIN NARAYAN	Nitin						
34	2024061284	PATIL SANKET MARUTI	Sanket						
35	2024065248	PATIL SHUBHAM GANPATI	Paith						
36	2024062450	RANE SACHIN SOPAN	Sachin						
37	2024065572	SHINDE RUSHIKESH SURESH	Shinde						
38	2024062400	SHINDE SURYAKANT ANNAPPA	Sury						
39	2024069035	SURYAVANSHI NAVAJYOT MAHALING	EB.						
40	2024062431	SUTAR NAYNISH RAVINDRA	N.R.utor.						
41	2024067404	SUTAR SUSHANT PANDURANG	Sutar						
42	2024065083	YALAGUDE RAVINDRA CHANDRAKANT	RAVIND						
43	2024068520	ZAMBARE SURAJ SUNIL	Zambee	Zambe	Zambe	Zambe	Zambe	Zambe	Zambe
44	2023021240	Desai Rohan Ramchandra	D.Ronul						

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Bhadgaon, Tal. Gadhinglaj



Final Year Project Details

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




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



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 DATATRAY	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 GANPATI		
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	CE-09	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	CE-10	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	CE-11	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	CE-12	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/No. Bhadgaon, Gadhinglaj.

Dinkarao K. Shinde Smarak Trusts

DR. A. D. SHINDE COLLEGE OF ENGINEERING

Bhadgaon, Gadhwad. 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

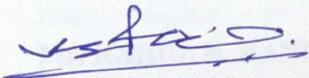
Mr. VISHAL D. SUTAR PRN:2020076371

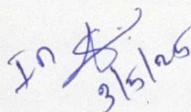
Mr. SAJID R. SHAIKH PRN:2021071920

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

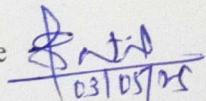

Prof. A. S. Madakari
Head of Department


Dr. V. G. Mathad
Dean Academics
Dean Academic

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

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

Signature with date


03/05/25



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DR. A. D. SHINDE COLLEGE OF ENGINEERING
Bhadgaon, Gadchinglaj. 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.

Patil
Prof. Ketakee Gurav
Guide

AS Madakari
Prof. A. S. Madakari
Head of Department

Viresh Kumar G. Methad
Dr. Viresh Kumar G. Methad
Dean Academics
Dr. A. D. Shinde College of Engineering
Bhadgaon, Tal. Gadchinglaj, Dist. Kolhapur

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

Signature with date *23/05/2024*



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Bhadgaon, Gadchinglaj, 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 Hiraman 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.

Prof. Pooja S. Shiragavi
Guide

Prof. A. S. Madakari
Head of Department

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

Name of Examiners M3, Patil J.S.

Signature with date



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Bhadgaon, Gadchinglaj, 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)

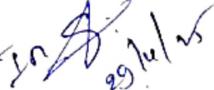
Mr. Ajinkya A. Desai (PRN: 2021072794)

Mr. Santosh D. Chavan (PRN: 2022084716)

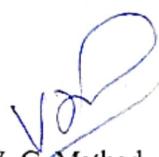
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Prof. S. R. Wadagule

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. Gadchinglaj, Dist. Kolhapur

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

Signature with date


Patil U.S.
03/05/25

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Bhadgaon, Gadchinglaj. 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

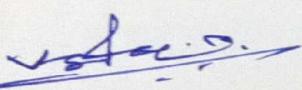
PRN: 2021072908

Mr. Madhav S Birajdar

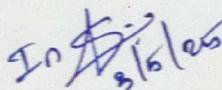
PRN :2021072784

Mr. Avinash T. Bhosale
Mr. Madhav S Birajdar

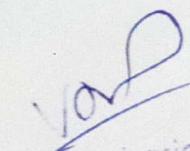
This project report fulfills the academic requirements prescribed for the award of Bachelor of Technology degree in Civil Engineering during the academic year 2024-25.


Prof. A.S. Madakari

Guide

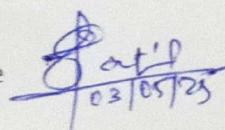

Prof. A.S. Madakari

Head of Department


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

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

Signature with date


03/05/23

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Bhadgaon, Gadchinglaj, 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 V.S.**

Signature with date



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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 Deepli Naratavadekar (PRN: 2022086742)

Mr. Shubham Shivaji Nandudkar (PRN: 2022085174)

Mr. Shubham Vilas Morbale (PRN: 2022085254)

Mr. Sanket Ganapati More (PRN: 2021071860)

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Prof. R. V. Savyanavar

Guide


Prof. A. S. Madakari

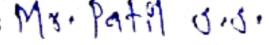
Head of Department


Dr. Vireshkumar G. Mathad

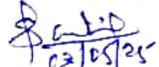
Dean Academics


Dr. A. D. Shinde College of Engineering

Bhadgaon, Tal. Gadchinglaj, Dist. Kolhapur

Name of Examiners  Mr. Patil G.S.

Signature with date


03/08/25

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Bhadgaon, Gadchinglaj, 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

Name of Examiners Mr. Patil S.S.

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

Signature with date

✓
03/05/25



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Bhadgaon, Gadchinglaj. 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)

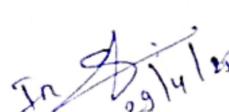
Mr. Shirish A. Lohar (PRN: 2022087105)

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.

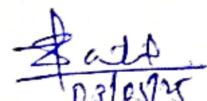

Prof. S. R. Wadagule
Guide


Prof. A. S. Madakari
Head of Department


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

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

Signature with date


03/05/25

	Dinkarao K. Shinde Smarak Trusts DR. A. D. SHINDE COLLEGE OF ENGINEERING Bhadgaon, Gadchinglaj, Dist: Kolhapur Pin: 416502 Academic Year 2024-25 Department of Mechanical Engineering	
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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		
G 04	2021072462	DHURI VINAYAK MARUTI	Power Generation using Gym equipments.	Mr. K. S. Joshi
	2021072610	MOHITE KIRAN SHIVAJI		
	2021072082	SALOKHE ADITYA ARUN		
	2021071690	JADHAV NITEESH DASHARATH		
G 05	2021072339	PATIL SIDDHANT DATTATRAY	Smart IOT based robotic nurse with multi-language voice interactivity.	Dr. S. A. Mehta
	2018092848	PATIL AKSHAY VASANT		
	2016106433	DEVADKAR TEJASHRII		
	2021072285	HUNDALEWADKAR NIKHIL S		

For Mr. Patel I. T
Project Co-ordinator

Mr. 
Dept of Mechanical & Mechatronics Engg.
Dr.A.D.Shinde College of Engg.
Bhadgaon, Tal.Gadchinglaj



Dinkarao K. Shinde Smarak Trusts

DR.A. D. SHINDE COLLEGE OF ENGINEERING

Bhadgaon, Gadchinglaj. 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

Mr. Sonu Saurav Ashok Kumar Singh

PRN.NO

2022086385

Mr. Desai Pravin Shrivinda

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. Gadchinglaj
Prof. G. M. Kumbhar

Head of Department

Dr. Virendra Kumar G. Mahad
Dr. A. D. Shinde College of Engineering
Bhadgaon, Tal. Gadchinglaj, Dist. Kolhapur
Dean Academics

Name of Examiners
Prof. I. T. Patel. - *[Signature]*
Prof. S. S. Patel. *[Signature]*
27/4/25

Signature with date



Dinkarao K. Shinde Smarak Trusts

DR.A. D. SHINDE COLLEGE OF ENGINEERING

Bhadgaon, Gadchinglaj, Dist: Kolhapur Pin:416502

Department of Mechanical Engineering

Academic Year 2024-25



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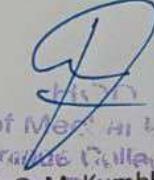
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Name of students	PRN.NO
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Mr. Desai Pravin Shrivinda	2022086987
Mr. Patil Rahul Shivaji	2022086731
Mr. Sonale Dipak Balaso	2022079008
Mr. Desai Jayant Khanderao	2022086799

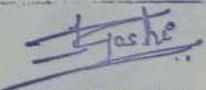
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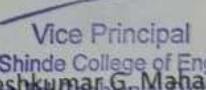

Prof. I. T. Patel

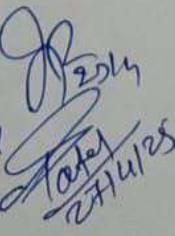
Guide


Head of Department

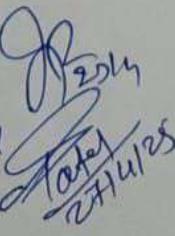
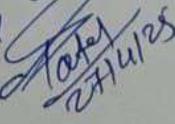
Dept. of Mech. Engg.
Dr. A. D. Shinde College of Engg.
Bhadgaon, Dist. Gadchinglaj, Dist. Kolhapur
Prof. G. M. Kumbhar


Vice Principal
Dr. A. D. Shinde College of Engineering
Bhadgaon, Dist. Gadchinglaj, Dist. Kolhapur
Dr. Viresh Kumar 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, Gadchinglaj. 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

Name of Examiners

Signature with date

- 1) Prof. - I. T. Patel - *J. Patel 27/4/25*
- 2) Mr. S. S. Patel *S. Patel 27/4/25*

Dinkarrao K. ShindeSmarak Trusts
DR.A. D. SHINDE COLLEGEOFENGINEERING.
Bhadgaon, Gadchinglaj. Dist: Kolhapur Pin:416502
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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
Dr.A.D. Shinde College of Engineering
Bhadgaon, Tal. Gadchinglaj, Dist. Kolhapur

Name of Examiners

Signature with date

1 Prof. - I. T. Patel - *Patel*
2 Mr. S. S. Patel - *Patel*
27/04/28

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

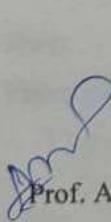


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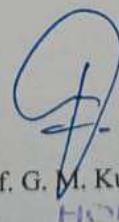
*This is to certify that Project titled “**Design And Manufacture Fully Functional Drone Using 3D Printing Technology**” is a bonafide work of*

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

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.



Guide



Prof. G. M. Kumbhar

HOD

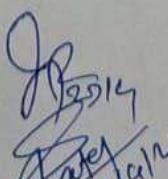
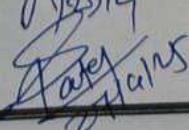
Dept Head of Department Engg.
Dr. A. D. Shinde College of Engg.
Bhadgaon, Tal. Gadchinglaj, Dist. Kolha-

Dr. Vireshkumar G. Mathad

Dean Academic

Dr. A. D. Shinde College of Engineering
Bhadgaon, Tal. Gadchinglaj, Dist. Kolha-

Name of Examiners

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

Signature with date



Dinkarao K. Shinde Smarak Trusts
DR. A. D. SHINDE COLLEGE OF ENGINEERING.
Department of Electrical Engineering
Project Batch List

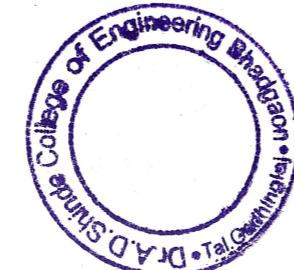


Year -2024-25

Class-BE

ROLL No	PRN	Exam Seat No.	Group No.	Student Name	Guide	Topic Name	Duration	Place of work
1	2022078860	7625	EE01	PATIL SHRAVAN S. ALIAS SHEKHAR	Dr. Vireshkumar Mathad	Design and performance analysis of KCL and KVL laboratory kit	1 Academic year	DADSCOE, BHADAGAON
2	2021073440	7644		PATL KARAN NITIN				
3	2022086369	7646		SUTAR AVADHUT GANPATI				
4	2022086495	7648		HUJARE RANJEET RANGARAO				
5	2022085721	7643	EE02	KAMBLE ROHIT RAJAN	Prof. Amar Bandekar	Design and performance analysis of Ohm's law laboratory kit	1 Academic year	DADSCOE, BHADAGAON
6	2022078741	7635		PATIL VIVEK SUNIL				
7	2022086468	7637		KOTHAVALE VIJAY VASANT				
8	2022078739	7645		!KAMBLE SHRUTIKA HANMANT				
9	2022078767	7642	EE03	DANG VINAY VISHWANATH	Dr. Vireshkumar Mathad	Design and performance analysis of power measurement using two wattmeter method laboratory kit	1 Academic year	DADSCOE, BHADAGAON
10	2022078799	7636		!DESAI SHRADDHA PANDURANG				
11	2021072353	7649		PATIL RUSHIKESH RAMESH				
12	2021073469	7627		KITTUR ABHISHEK VINAY				
13	2022086449	7640	EE04	!THANEKAR MANASI DILIP	Dr. Vireshkumar Mathad	Design and performance analysis of measurement of R, L and C laboratory kit	1 Academic year	DADSCOE, BHADAGAON
14	2021073460	7623		PEDNEKAR RAHUL				
15	2021072386	7624		SHINDE PRASHANT				
16	2021073467	7626		DESAI ARPITA SAMBAJI				
17	2022086450	7639	EE05	!REGADE MOHINI MAHADEV	Prof. A. S. Boragave	Design and performance analysis of lamp characteristics verification laboratory kit	1 Academic year	DADSCOE, BHADAGAON
18	2022087180	7638		!MALI PALLAVI DILIP				
19	2022086368	7641		SARASWATI DAVARI				
20	2021072360	7632	EE06	DHABALE ASMITA MARUTI	Prof. Basavaraj Angadi	Design and performance analysis of one lamp from two place and one lamp from three place laboratory kit	1 Academic year	DADSCOE, BHADAGAON
21	2021072388	7647		SANAGAR SAMARTH VIJAY				
22	2021072375	7634		PARLE DIGVIJAY SATAPPA				
23	2022086453	7629		KOMAL J PATIL				
24	2021072373	7620	EE07	MASKAR PRAMOD BALASO	Prof. Amar Bandekar	Power System Stability Enhancement using UPFC	1 Academic year	DADSCOE, BHADAGAON
25	2022086482	7621		MANGALE KOMAL DATTATRAY				
26	2021072350	7622		BHADARGE NIKITA DHANAJI				
27	2022086492	7628	EE08	SALUNKHE SHIVPRASAD ASHOK	Prof. A. S. Boragave	Estimation of 3 phase Induction Motor performance under over voltage	1 Academic year	DADSCOE, BHADAGAON
28	2022086480	7630		MAGADUM VAIBHAV GOPALA				
29	2021072436	7631		DESAI ADITYA RAJESH				
30	2020075539	7633		SALOKHE DIGVIJAY SATAPPA				

Project -Coordinator




HOD



Dinkarao K. ShindeSmarak Trusts

DR.A. D. SHINDE COLLEGEOFENGINEERING.

Bhadgaon, Gadhwinglaj. Dist: Kolhapur Pin:416502

Department of Electrical Engineering

Academic Year 2024-25

Academic year 2024-25, we declare that the project titled "Design and Performance Analysis of KCL and KVL Laboratory Kit" is a bonafide work done by the students under the guidance of Dr. Vireshkumar G. Mathad, Head of Department, Electrical Engineering, Dr. A. D. Shinde College of Engineering. We also declare that the CERTIFICATE submitted by an individual for the award of any other degree.

This is to certify that Project titled " Design and Performance Analysis of KCL And KVL Laboratory Kit" is a bonafide work of

Mr. Patil Shravan S. PRN:2022078860

Mr. Patil Karan N. PRN:2021073440

Mr. Sutar Avadhut G. PRN:2022086369

Mr. Hujare Ranjeet R. PRN:2022086495

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

Dr. V. G. Mathad
Guide

Prof. A. S. Borgave
Head of Department

Dept. of Electrical Engg.

Dr.A.D.Shinde College of Engg.
Bhadgaon, Tal. Gadhwinglaj.

Dr. Vireshkumar G. Mathad
Dean Academics

Dean Academic

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

Name of Examiners

Signature with date

1) DR . V. G. Mathad

2024-25
V.G.Mathad

2) Mr. D. Satwesan

2024-25
D.Satwesan



Dinkarao K. Shinde Smarak Trusts
DR. A. D. SHINDE COLLEGE OF ENGINEERING.
Bhadgaon, Gadchinglaj. Dist: Kolhapur Pin:416502
Department of Electrical Engineering
Academic Year 2024-25

CERTIFICATE

This is to certify that Project titled “Design and performance analysis of one lamp from two place and one lamp from three place laboratory kit” is a bonafide work of

Student Name

PRN

Signature

Ms. DABHOLE ASMITA MARUTI
Mr. PARLE DIGVIJAY SATAPPA
Mr. SANAGAR SAMARTH VIJAY
Ms. PATIL KOMAL JAYSING

PRN: 2021072360
PRN: 2021072375
PRN: 2021072388
PRN: 2022086453

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

Prof. Basavaraj Angadi
Project Guide

Name of Examiners

Prof. A. S. Borgarve
Head of Department

HOD
Dept. of Electrical Engg.
Dr. A. D. Shinde College of Engg.
Bhadgaon, Tal. Gadchinglaj.

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

Signature with date



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

CERTIFICATE

This is to certify that Project titled “Design and Performance Analysis of Lamp Characteristics Verification Laboratory Kit” is a Bonafide work of

Miss. Pallavi Dilip Mali (PRN:2022087180)

Miss. Saraswati Sanjay Davari (PRN:2022086368)

Miss. Mohini Mahadev Regade (PRN:2022086450)

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



Prof. A. S. Borganve
Project Guide



Prof. A. S. Borganve
Head of Department



Dr. Vireshkumar G. Mathad
Dean Academics

Signature with date

✓ Dr. V. G. Mathad
22/10/2024

Name of Examiners
1) Dr. V. G. Mathad

2)



Dinkarrao K. ShindeSmarak Trusts
DR.A. D. SHINDE COLLEGEOFENGINEERING.
Bhadgaon, Gadchinglaj. Dist: Kolhapur Pin:416502
Department of Electrical Engineering
Academic Year 2024-25

CERTIFICATE

This is to certify that Project titled “DESIGN AND PERFORM ANALYSIS OF MEASUREMENT OF R, L AND C LABORATORY KIT”

is a bonafide work of

**Ms.Thanekar Manasi
Mr.Pednekar Rahul
Mr. Shinde Prashant.
Ms.Desai Arpita**

**PRN:2022086449
PRN:2021073466
PRN:2021072386
PRN:2021073467**

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


Dr. V. G. Mathad
Guide


Prof. A. S. Borgane
Head of Department


Dr. Vireshkumar G. Mathad
Dean Academics

Name of Examiners

Signature with date



Dinkarao K. ShindeSmarak Trusts

DR.A. D. SHINDE COLLEGEOFENGINEERING.
Bhadgaon, Gadchinglaj. Dist: Kolhapur Pin:416502
Department of Electrical Engineering
Academic Year 2024-25

This is to certify that the project titled “Design and performance analysis of power measurement using two wattmeter method laboratory kit” is the original work of Mr. Dang Vinay V. and under the guidance of Dr. Vireshkumar G. Mathad, Assistant Professor, Department of Electrical Engineering, and has not been submitted by us anywhere on the globe in whole or in part.

This is to certify that Project titled “Design and performance analysis of power measurement using two wattmeter method laboratory kit” is a bonafide work of

Mr. Dang Vinay V.

PRN:2022078767

Mr. Kittur Abhishek V.

PRN:2021073469

Ms. Desai Shraddha P.

PRN:2022078799

Mr. Patil Rushikesh R.

PRN:2021072353

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

Dr. V. G. Mathad
Guide

Prof. A. S. Borganve
Head of Department

Dr. Vireshkumar G. Mathad
Dean Academics

Name of Examiners

Dr. V. G. Mathad
Mr. D. R. Santvekar

Signature with date



Dinkarrao K. ShindeSmarak Trusts

DR. A. D. SHINDE COLLEGE OF ENGINEERING.

Bhadgaon, Gadchinglaj, Dist: Kolhapur Pin:416502

Department of Electrical Engineering

Academic Year 2024-25

CERTIFICATE

This is to certify that Project titled " Design and Performance Analysis of Ohm's Law Laboratory Kit" is a bonafide work of

Mr. Rohit Rajan Kamble (PRN:2022085721)

Mr. Rohit Rajan Kamble (PRN:2022078741)
Mr. Viveck Sunil Patil (PRN:2022078741)

Mr. Vijay Vasant Kothavale (PRN:2022086468)

Mr. Vijay Vasant Kondave (PRN:2022078739)
Miss. Shrutiika Hanmant Kamble (PRN:2022078739)

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

Omendra
Prof. A.K. Bandekar
Project Guide

 Prof. A. S. Boragave
Head of Department


Dr. Vireshkumar G. Mathad
Dean Academics

Name of Examiners

1) Dr. V. G. Mathad
2) Mr. D. R. Satvekar

Signature with date

with date
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