



Shri Shamrao Patil (Yadravkar) Educational & Charitable Trust's

SHARAD INSTITUTE OF TECHNOLOGY, COLLEGE OF ENGINEERING, YADRAV

"An A Grade Institute Accredited By NAAC, An ISO 9001:2015 Accredited Institute"

An Autonomous Institute

APEX

...A Newsletter

AUTODESK

Design & Innovation Center
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TATA
TECHNOLOGIES
Ready
Engineer Program



CNC / VMC
Production Center

Department of Mechanical Engineering, Year- 2023-24 Vol- 1, Issue- I

INSIGHTS

Teachers Day Program

Engineers Day Program

Ototech Event

Achivements Details

ISHRAE Activity

Publications



on. Dr. Rajendra Patil (Yadravkar)

Chairman
Shamrao Patil (Yadravkar)
Education & Charitable Trust



Hon. Mr. Anil Bagane

Executive Director
Shamrao Patil (Yadravkar)
Education & Charitable Trust



Dr. S. A. Khot
Principal



Dr. S. D. Patil
HOD, Mechanical



Samir Momin



Omkar Chougule



**Prathamesh
Jadhav**



**Sumit
Mangave**



**Chetan
Patil**

Editor Message

Dear Readers,

Dear Readers, We are back with yet another issue. Though, the events of high importance kept us all busy but we are never too far away, not to reach our readers. It is indeed a great honor to be the “APEX” Newsletter Editor from Department of Mechanical Engineering, SITCOE. And it is an immense pleasure to presenting you with the Volume 1 Issue 1 of AY 2023-24.

Our motto is to put forth two Issues of Newsletter in a year. A huge thank you to all for the efforts taken by the department faculty, our students who contributed in this “APEX” Newsletter, without which there wouldn’t have been this newsletter issue. Last but not least, I would like to thank Beloved Hon. Executive Director, The Principal, Head of the Department and Faculty members for their everlasting support throughout the creation of this edition.

Student Message

Dear Readers,

We are happy to bring out the Volume 1, Issue 2 of our News Letter “APEX”. Our Faculty diligently involved in encouraging students and preparing for a bright future.

I am glad that I am part of this News Letter preparation and release. I am very much thankful to our Department Faculty members and my team members for helping me in making this “APEX” News Letter of AY 2023-24

From Executive Director Desk

I am happy and glad that Sharad Institute of Technology College of Engineering, Department of Mechanical Engineering is releasing out “APEX” Newsletter Volume 1 Issue-1. Bringing out a department “APEX” Newsletter will definitely help to showcase the activities that are happening in the department campus. It also helps in building up teamwork which is very much needed today in the world of competition. It provides a platform for exposing the merits and academic achievements of the faculty and students. This enhances the documentation culture of the institute. This newsletter includes highlights of mechanical engineering department with perspective of technical event achievements, faculty achievements, professional society events and activities, etc. I hope that this culture of releasing Newsletter continue forever and become a quoted example for all other colleges to follow.

From Principal Desk

I am extremely delighted to know that faculties and students of Mechanical Engineering Department of Sharad Institute of Technology College of Engineering, bringing out their departmental “APEX” Volume 1 Issue-1 newsletter. This will benefit all the students as they can now be aspired for greater heights by knowing about their Department’s achievements. Students and faculties have exhibited a great zeal and enthusiasm and have contributed significantly in various technical activities. Personally, I feel that students of Sharad Institute of Technology College of Engineering should set standards and create environment so that they excel in their areas of interests and accordingly guide more and more SITCOEians in future.

From Head of the Department Desk

I feel happy to introduce fourth issue of Apex 2023-24, Issue-I prepared by faculty and students of Mechanical Engineering Department. We at SITCoE promise of increasing the knowledge, enhancing the critical thinking, ability to change information into knowledge and power of analyzing the things technically of each and every individual of ever changing society through students and faculties

Our Mechanical Engineering department has been consistently working towards the goal to produce highly skilled and scientifically oriented manpower through flexible, adaptive and progressive training programs along with cohesive interaction with the research organizations, academicians and industries. “APEX” provides good platform for student to update their technical skills. I congratulate “APEX” team for their efforts in launching second issue of year 2023-24. Wish you all a happy learning here.



Samir Momin



Omkar Chougule



**Prathamesh
Jadhav**



**Sumit
Mangave**



**Chetan
Patil**



Report on the New Educational Policy (NEP) Poster Presentation & Exhibition

Date: 28th July, 2023

Department: Mechanical Engineering

Organized under the aegis of ISTE and MESA

Introduction:

The New Educational Policy (NEP) poster exhibition was organized by [Your Department] in collaboration with the Indian Society for Technical Education (ISTE) and the Mechanical Engineering Students' Association (MESA). The primary objective was to inform and educate the department's faculty, staff, and students about the key aspects, advantages, and implications of the NEP. This report summarizes the activities and outcomes of the poster exhibition event.

Objectives:

- To familiarize the department with the New Educational Policy (NEP).
- To highlight the benefits and significance of the NEP in the context of our department's educational activities.
- To encourage discussions and actions related to the implementation of the NEP.

Event Details:

a. Preparation of Posters:



Details of Posters

1. Introduction to NEP:

This poster provided a concise overview of the New Educational Policy, highlighting its key objectives and principles.

2. NEP in Our Department:

This poster discussed the relevance of the NEP to our department's educational activities, emphasizing how it aligns with our goals.

3. Advantages of NEP:

This poster outlined the benefits and advantages of implementing the NEP in our educational practices, such as promoting holistic development and flexibility in curriculum design.



4. NEP Implementation Strategies:

This poster presented practical strategies and approaches for integrating NEP recommendations into our teaching methods and assessment processes.

5. NEP and Student Engagement:

Focused on the impact of the NEP on student engagement and participation, highlighting how it encourages critical thinking and creativity.

6. Feedback and Questions:

This interactive poster allowed attendees to share their feedback, questions, and suggestions related to the NEP.

7. ISTE and MESA's Role:

Explained the roles of the Indian Society for Technical Education (ISTE) and the Mechanical Engineering Students' Association (MESA) in promoting the NEP within our department.

8. NEP Timeline:

Provided a visual timeline of the NEP's key milestones and implementation phases.

9. NEP in Action:

Showcased real-world examples and case studies of educational institutions successfully implementing the NEP.

These posters collectively served as an informative and engaging visual aid to convey the essential information about the NEP and its relevance to our department.

b. Presentation by the Departmental Head:

The departmental head delivered a presentation introducing the NEP, its key features, and its relevance to our department's educational goals.

c. Poster Exhibition:

The posters were displayed in Mechanical Department for last slot.





4. Content of the Presentation by Departmental Head:

- Introduction to the New Educational Policy (NEP).
- Explanation of the NEP's objectives and principles.
- Advantages and potential impact of the NEP on our department's educational practices.
- Suggestions on how our department can align with the NEP.

5. Activities During the Poster Exhibition:

- Attendees had the opportunity to view the posters and acquire information about the NEP.

6. Outcomes and Observations:

- Increased awareness about the NEP and its potential benefits among department members.
- Engaged discussions about how the department can adapt and align with the NEP's recommendations.
- [Mention any specific actions or commitments made by department members]
- Positive feedback regarding the content and presentation of the posters.

7. Next Steps:

- Consideration of aligning our department's educational practices with the NEP.
- Exploration of potential reforms or changes in curriculum, assessment methods, and teaching strategies.
- Continued educational efforts to promote awareness and understanding of the NEP.

8. Acknowledgments:

Thank the Indian Society for Technical Education (ISTE), the Mechanical Engineering Students' Association (MESA), the departmental head, presenters, and all those involved in organizing the exhibition.

9. Conclusion:

The NEP poster exhibition, organized in collaboration with ISTE and MESA, served as an effective platform for introducing and discussing the New Educational Policy. It stimulated constructive conversations and considerations about how our department can embrace and implement the NEP's recommendations for the betterment of our educational programs.





Event Report: OZOTECH-23

Date: September 16, 2023

Location: Kolhapur, Maharashtra, India

Organized by: Sharad Institute of Technology College of Engineering, Yadrav in association with ISTE (Indian Society for Technical Education) & ISHRAE (Indian Society of Heating, Refrigerating and Air Conditioning Engineers) Kolhapur Chapter

Introduction

OZOTECH-23, a unique and informative event, was celebrated on September 16, 2023, in Kolhapur, Maharashtra, to commemorate two significant occasions: International Day for the Preservation of the Ozone Layer and Engineers' Day. Organized by Sharad Institute of Technology College of Engineering, Yadrav in association with ISTE and ISHRAE Kolhapur Chapter, this event aimed to raise awareness about environmental conservation and celebrate the remarkable contributions of engineers to society. We arranged the two competitions in this event

- 1. Paper Presentation**
- 2. Group Discussion**

In this both the events we targeted 40 entries for GD and 20 for the Paper Presentation but we got huge response from the all department students. We prepared the flier for the event campaigning.

The advent of OZOTECH-23, a remarkable event held in association with the esteemed organizations ISTE (Indian Society for Technical Education) and ISHRAE (Indian Society of Heating, Refrigerating and Air Conditioning Engineers) Kolhapur Chapter, marked a pivotal moment in the realm of environmental conservation and engineering excellence. On the momentous occasion of the International Day for the Preservation of the Ozone Layer and Engineers' Day, we convened to celebrate and deliberate on the twin imperatives of safeguarding our planet's fragile ozone layer and recognizing the indomitable spirit of engineers who drive progress and innovation.



OZOTECH-23 was designed as a platform for inspiration and knowledge exchange, bringing together a diverse community of researchers, professionals, students, and enthusiasts. This event not only aimed to shed light on the critical role of the ozone layer in shielding the Earth from harmful ultraviolet rays but also underscored the paramount importance of engineers in shaping a sustainable future. In the heart of Kolhapur, Maharashtra, this event stood as a beacon, radiating the message that engineering prowess and environmental consciousness can coalesce to create a harmonious world.

In this report, we chronicle the multifaceted facets of OZOTECH-23, encompassing its paper presentation competition, group discussions, and a medley of enlightening sessions. As we delve deeper into the intricate fabric of this event, we aim to convey the enthusiasm, innovation, and collaborative spirit that defined this remarkable gathering. OZOTECH-23 signifies not just an event, but a collective commitment to a greener and more sustainable planet, echoing the words of Mahatma Gandhi: "You must be the change you wish to see in the world."

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COLLEGE OF ENGINEERING, YADRAV**

AN AUTONOMOUS INSTITUTE

| MCA Accredited Programme | NAAC 'A' Grade Institute | An ISO 9001:2015 Certified Institute

In Association with

Department of Mechanical Engineering

O Z O T E C H - 2 3

On 16th Sept 2023

Venue: Mechanical Department

1. Paper Presentation

Topics:

- Ozone-friendly Technologies: Innovation for Sustainability
- Climate Change and Ozone Depletion

Rules:

- Maximum 2 Participants.
- Time limit: 8+2 minutes.
- Judges decision will be final.
- Entry Fees **100 Rs** per group.

Student Co-ordinator:
Mr. Sameer N. Momin (7620243298)

2. Group Discussion

Rules:

- Topics will be given on the spot.
- Time limit : 3 min preparation and 10 min. discussion.
- Judges decision will be final.
- Entry Fees: **50 Rs.**

Registration QR

Student co-ordinator:
Mr. Sanket Kinekar (7719010734)

All participants will get certificates

Mr. A. S. N. Husainy
Faculty Co-ordinator

Dr. S. D. Patil
HOD, Mech

Dr. S. A. Khot
Principal

Hon. Shri. Anil A. Bagane
Executive Director

Hon. Shri. Rajendra S. Patil
(Yadavkar)
Chairman



Event Highlights

Inauguration Ceremony

The event commenced with an inaugural ceremony, which included Watering of plant and a warm welcome address by the Mr. Aditya Amane. Distinguished guests was Principle Dr.S.A.Khot sir, All Deans, Department Head of Mechanical Department Dr.S.D.Patil sir, Faculty Co-ordinator Mr.A.S.N.Husainy sir & All the Faculty of Mechanical Department graced the occasion and shared their insights on the significance of ozone layer preservation and the pivotal role of engineers in sustainable development.

The inaugural ceremony provided a moment of reflection and unity, as attendees from various backgrounds came together with a shared commitment to environmental conservation and engineering excellence. It set the stage for the informative and engaging sessions, workshops, and discussions that followed, highlighting the interplay between science, engineering, and our planet's well-being.

As the event unfolded, the inaugural ceremony's messages of inspiration, collaboration, and responsibility continued to reverberate, reminding everyone that we are all stakeholders in the endeavor to create a greener, more sustainable world.







Student Competitions

Paper Presentation

Participants: 36

The paper presentation competition at **OZOTECH-23** witnessed enthusiastic participation from 36 individuals and teams, all eager to showcase their research and innovative ideas in various domains related to environmental conservation



and sustainable engineering. The competition was divided into multiple categories, and each presentation was evaluated by a panel of expert judges.

Highlights:

1. Diverse Topics:

1. Ozone-friendly Technologies: Innovation for Sustainability

2. Climate Change and Ozone Depletion.

The diversity of subjects showcased the multidisciplinary nature of environmental and engineering challenges.

2. **Quality of Research:** The papers presented demonstrated high levels of research and innovation. Participants conducted thorough literature reviews, experiments, and simulations, resulting in valuable contributions to their respective fields.

3. **Interactive Sessions:** Following each presentation, participants engaged in interactive Q&A sessions with the judges and the audience, fostering knowledge sharing and insightful discussions.

4. **Winners:** After rigorous evaluation, the judges selected the top two papers. These winners were awarded certificates of excellence and cash prizes during the awards ceremony.





Group Discussion

Participants: 84

The group discussion segment of **OZOTECH-23** saw active participation from 84 individuals, including students, professionals, and experts in the fields of engineering and environmental conservation. The discussions revolved around current environmental challenges, engineering solutions, and the role of engineers in sustainable development.

Highlights:

- Engaging Topics:** Group discussions were organized into multiple themes, such as "Circular Economy and Sustainability," "Climate Change Mitigation," and "Environmental Policies and Regulations." Participants could choose the one from the all topics randomly.
- Inclusive Discussions:** The format allowed for dynamic and inclusive discussions where participants shared their insights, experiences, and perspectives on the chosen topics. Moderators ensured that all voices were heard.
- Knowledge Exchange:** Participants from diverse backgrounds benefited from the exchange of knowledge, best practices, and innovative ideas. The discussions served as a platform for networking and collaboration.



4. **Recognition:** Outstanding contributors in each discussion group were recognized and awarded certificates of appreciation during the event's closing ceremony.





Awards and Recognitions

The event concluded with an awards ceremony to recognize outstanding contributions in the fields of environmental conservation and engineering. Awards were given to individuals for their exceptional efforts in creating a sustainable future.

Winners-

1. Paper Presentation-

- 1.Yashodipsing Parashramsing Rajput & Rohan Dattatray Shinge.
- 2.Supriya Raghupati Samant & Sakshi Ghanshyamji Rathi.

2. Group Discussion-

- 1.Abhay Suresh Dhulasawant.
- 2.Zeba Shoaib Khakhu.







Conclusion

OZOTECH-23 proved to be a grand success, uniting professionals, students, and environmental enthusiasts in a common mission to protect the ozone layer and promote sustainable engineering practices. The event not only celebrated the achievements of engineers but also inspired the next generation to explore innovative solutions for a greener planet.

As we commemorate the International Day for the Preservation of the Ozone Layer and Engineers' Day, OZOTECH-23 stands as a testament to our commitment to a sustainable and eco-friendly future.

We extend our heartfelt gratitude to ISTE and ISHRAE Kolhapur Chapter for their invaluable support and collaboration in making this event a resounding success.

Let us continue to work together towards a world where engineering prowess meets environmental consciousness.





Teacher's Day Celebration Report

Date: 5th sept, 2023

Location: Yadrav

Organizer: Mechanical Department Students Association

Objective: To celebrate Teacher's Day and show appreciation for the educators at Mesa.

Event Overview:

The Teacher's Day celebration under Mesa was a memorable and meaningful event aimed at honoring and appreciating the dedicated teachers who play a crucial role in shaping the future of students. The event featured a unique format consisting of three slots of 40 minutes each, where students took over classes, followed by a final slot dedicated to celebrating the teachers.

The Teacher's Day celebration held under the auspices of Mesa was a remarkable event dedicated to showing appreciation and gratitude to the educators and support staff who contribute significantly to the institution's success. The event featured a series of speeches, including a welcome address by the President of Mesa, student speeches, teacher speeches, and the vote of thanks by the Vice President of Mesa.

Event Schedule:

Slot 1 – Students Lecture (40 minutes):

Students had the opportunity to take over their respective classes, showcasing their appreciation for their teachers by stepping into their shoes.



This slot allowed students to gain a deeper understanding of the teaching process and the challenges teachers face.

Slot 2 - Students Lecture (40 minutes):

The second slot continued the student takeover, allowing different groups of students to lead classes.

This interactive experience fostered a strong sense of collaboration and mutual respect between students and teachers.

Slot 3 - Students Lecture (40 minutes):

The final slot of student takeovers provided a comprehensive view of the student-teacher dynamic, emphasizing the importance of education.

This slot also allowed teachers to witness the enthusiasm and potential of their students as future leaders.





Teachers Day Celebration:

-Welcome Address by President of Mesa:

The event commenced with a warm and welcoming speech delivered by the President of Mesa.

The President set the tone for the celebration, emphasizing the importance of teachers and the invaluable role they play in the educational journey.



-Felicitations:

The core part of the event was the felicitation ceremony, where the following individuals were honoured:

Dean of the Mechanical Department



Head of the Department (HOD) of Mechanical Engineering

Faculty members of the Mechanical Department

The dedicated peon of the department



-Student Speeches:

Students took the stage to express their gratitude and appreciation for the faculty members and support staff.

They shared anecdotes, personal experiences, and heartfelt thanks to showcase the positive impact these individuals have had on their academic journeys.



-Teacher Speeches:

Faculty members were invited to share their thoughts and experiences, reflecting on their teaching careers and the joy of guiding and nurturing students.



Their speeches highlighted the significance of Teacher's Day and the mutual respect between students and teachers.



-Vote of Thanks by Vice President of Mesa:

The event concluded with a vote of thanks delivered by the Vice President of Mesa.

The Vice President expressed gratitude to all attendees, including teachers, students, and support staff, for making the celebration a memorable one.

Key Outcomes:

The Teacher's Day celebration successfully honored the faculty members and support staff of the Mechanical Department, recognizing their dedication and hard work.

Student speeches and teacher speeches fostered a sense of appreciation and mutual respect within the academic community.

The event strengthened the bond between students and educators, promoting a positive learning environment.

The vote of thanks concluded the event on a gracious note, acknowledging everyone's contribution to the celebration's success.



Conclusion:

The Teacher's Day celebration organized by Mesa was a heartfelt tribute to the educators and support staff of the Mechanical Department. It showcased the institution's commitment to recognizing and appreciating their tireless efforts in shaping the future of students. The event was a resounding success, leaving a lasting impression of unity and gratitude within the academic community.

We look forward to continuing this tradition in the future and further strengthening the relationship between students and their mentors.

IPR Activities

Sr. No.	Title	Name of Applicant/ Inventor	Patent Type	Patent No	Status
1	Automatic moisture Control system for Vermicompost bed	Dr. Sagar Dnyandev Patil, Mr. Ashish Arunrao Desai , Dr. Pravin Hindurao Yadav, Aniket Amar Mhetar, Avinash Pandurang Nirmal, Rohit Sunil Mahabale, Avadhut Appaso Mane	Indian Patent	202321019081	Published
2	Hydraulic flood protection system at global industry	Mr.Bahubali B Sangame, Mr. Pratapsinh S Chougule, Dr. Vishal V Patil, Dr.Adik M Takale, Mr.Shital P Udgate, Ms.Viddya S Patil	Indian Patent	202321034729	Published
3	Kinetic Energy advanced recovery system using flywheel bicycle	Dr.Suyog S Patil, Mr.Swapnil B Herwade, Ms.Anjali A Zalake, Mr.Saurabh B Kamble, Mr.Sunil S Jugale, Mr.Utkal S Patil	Indian Patent	202321034730	Published

Project Competition



Total Participants – 27 groups

Paper Presentation



Total Participants – 21 groups



MECHANICAL DEPARTMENT

Draft Mania



Total Participants - 85

Lathe War



Total Participants - 65





**Congratulations to Students
& Guide Dr. A. M. Takale**

TO GET 2ND PRIZE IN

**INDIA AUTOMATION
CHALLENGE 2023**



Received **“Best Innovative Research Work Award”** from
ISTE, New Delhi





Received funding 1.35 Lakh (for 9 projects) from Tata Technologies and GOSHIMA



Smart India Hackathon 2023 Participation



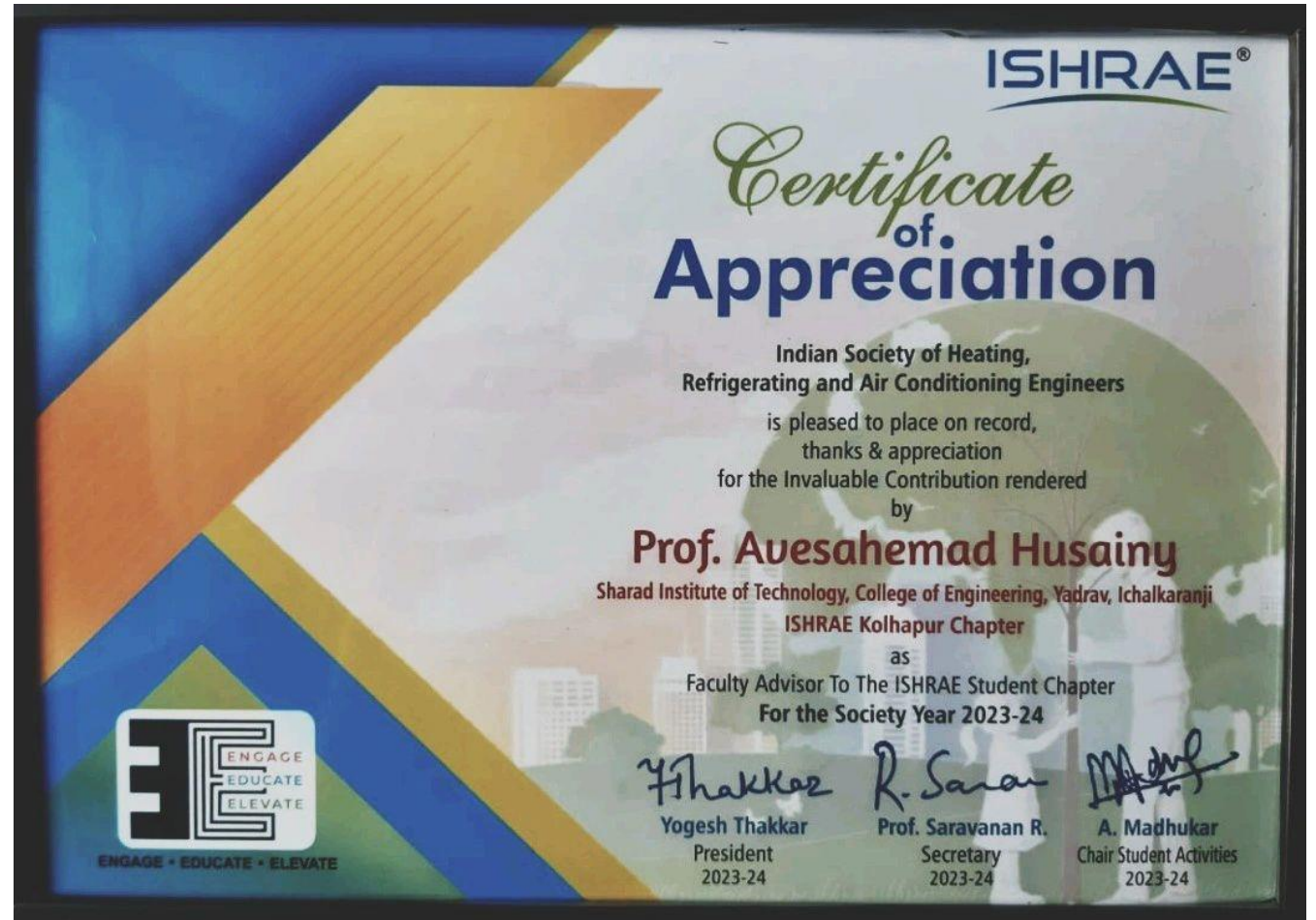
Problem statement title: Active ankle for bike riding in lower limb amputees has participated and presented work at [Galgotias University](#), Greater NOEDA





Smart Algae bio panel and it's growth forecasting using Machine Learning Received 2nd Prize In University Level , UG category Also received best project in agricultural category at DBATU Lonere (AVISHKAR EVENT)





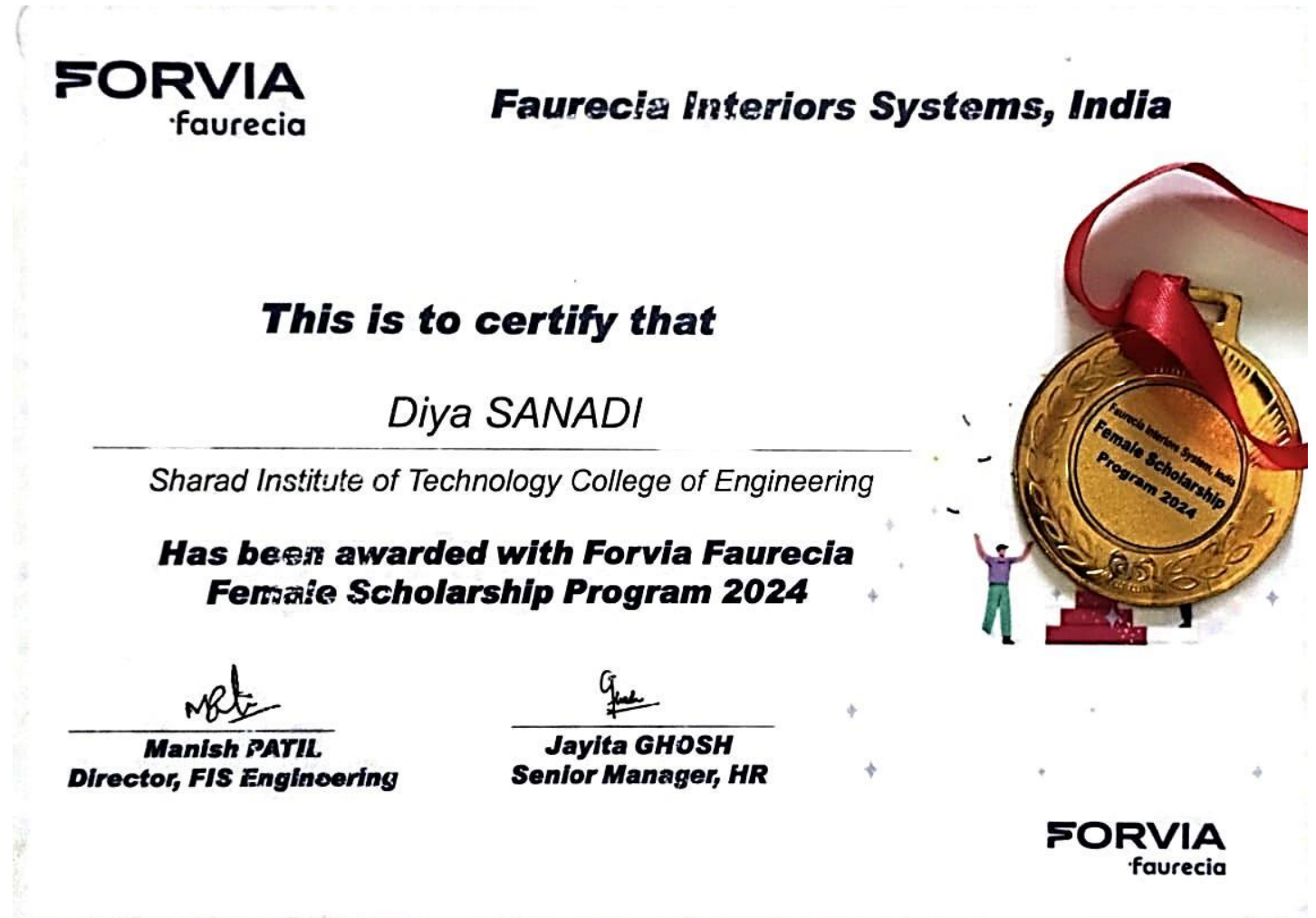
Received certificate of appreciation from Indian Society of Heating Refrigeration and Air-conditioning Engineers (ISHRAE) for Society Year 2023-24 for contributing in Student Chapter Activities in Sharad Institute of Technology, College of Engineering, Yadrav.



Forvia Faurecia Female Scholarship Program offered 1.25 Lakh Scholarship



Diya Sanadi
B.Tech, Mechanical



Placement Details in Last Three Years

Year	Placed students	Higher education
2021	141/168	0
2022	104/124	1
2023	97/104	0

Software's available in department

- 1) Ansys 2021 – 25 copy
- 2) Solidworks 2021 – 60 copy
- 3) Catia V5 – 20
- 4) Fusion 360
- 5) Autocad 2019
- 6) CAM used in fusion 360.
- 7) Autocast – 02 copy





Program Outcomes (Pos)

Mechanical Engineering graduates will be able to,

1. **Engineering Knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problem.
2. **Problem Analysis:** Identify, formulate, review research literature, and analyze complex engineering problem reaching sustained conclusions using first principle of mathematics, natural sciences, and engineering sciences.
3. **Design/ development of solutions:** Design solutions for complex engineering problem and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, societal and environmental considerations.
4. **Conduct investigations of complex problems:** Use research based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of information to provide valid conclusions.
5. **Modern tool usage:** Create, select and apply appropriate the techniques, resources and modern engineering and IT tools including and modeling to complex engineering activities with an understanding of the limitations.
6. **Engineer & society :** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
7. **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts and demonstrate the knowledge of and need for sustainable development.
8. **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice.
9. **Individual and team work:** Function effectively as an individual and as a member or leader in diverse terms and in multidisciplinary settings.
10. **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, give and receive clear instructions.
11. **Project management and finance:** Demonstrate knowledge and understanding of engineering and management principles and apply these to one's work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
12. **Lifelong learning:** Recognize the need for and have the preparation and ability to engage in independent and lifelong learning in the broadest context of technological change.

Program Specific Program Objectives

Mechanical Engineering graduates will be able to,

1. Ability to demonstrate knowledge of mechanical engineering/ sciences for solving industrial problems
2. To be able to analyze & optimize real life problem through simulation & testing with prototype by using advance engineering techniques.



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Yadrav (Ichalkaranji) - 416 121 Tal- Shirol Dist- Kolhapur (MS) India

An Autonomous Institute

Ph: 02322- 252796, 252896 Fax: 02322-252897 email: contact@sitcoe.org.in website:

www.sitcoe.org.in

VISION AND MISSION OF THE INSTITUTE

Vision

To be a center of excellence in technical education by using cutting edge technology that produces competent engineers of today and tomorrow to serve the society.

Mission

1. To impart quality education by implementing state-of-the-art teaching-learning methods to enrich the academic competency, credibility and integrity of the students.
2. To facilitate a conducive ambience and infrastructure to develop professional skills and nurture innovation in students .
3. To inculcate sensitivity towards society, respect for environment and promote high standards of ethics.



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VISION OF THE DEPARTMENT

- To be a centre of excellence in Mechanical Engineering education to prepare professionally competent engineers with lifelong learning attitude for the accomplishment of ever-growing needs of society.

MISSION OF THE DEPARTMENT

- To prepare technically and professionally competent engineers by imparting quality education through effective teaching learning methodologies and providing stimulating environment for research and innovation.
- To develop professional skills and right attitude in students that will help them to succeed and progress in their personal and professional career.
- To imbibe moral and ethical values in students with concern to society and environment.



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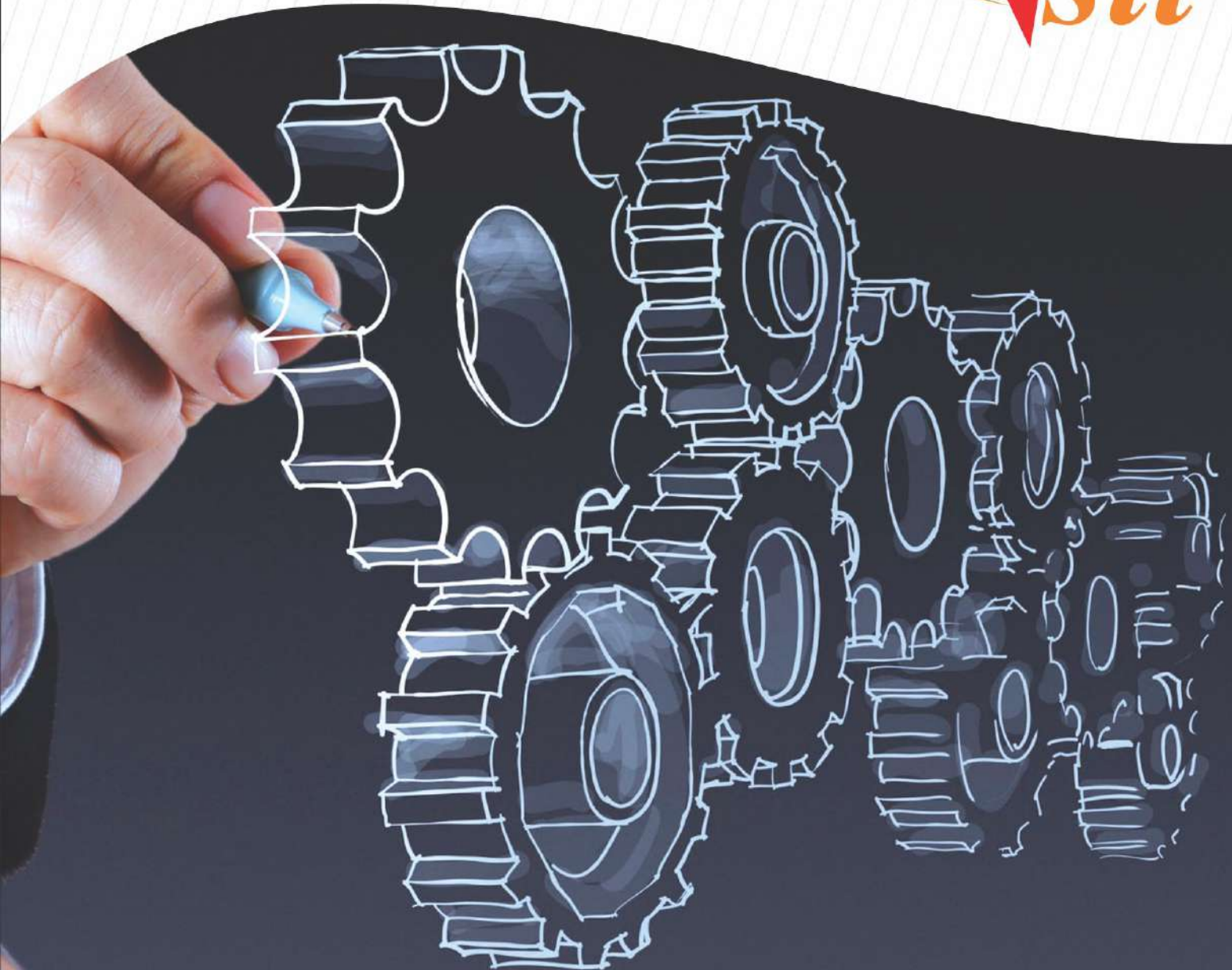
PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

Graduates of the programme will

PEO I: Graduates shall have the ability to apply knowledge across the disciplines and in merging areas of Mechanical Engineering for higher studies, research, employability and handle the realistic problems.

PEO II: Graduates shall have strong foundation in academic excellence, soft skills, management skills and understand the need of lifelong learning for a successful professional career.

PEO III: Graduates shall have good communication skills, to possess ethical conduct, sense of responsibility to serve the society, and protect the environment



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Gat No. 525,473/A Behind Onkareshwar Temple Yadrav-Ichalkaranji, Tal-Shirol, Dist-Kolhapur, Maharashtra, India
Email : contact@sitcoe.org.in, Tel : +91-2322-252796, Fax : +91-2322-252897