

<div> <div>RWMCT's</div> <div>Dnyanshree Institute of Engineering and Technology, Satara.</div> </div>		
	<div> <div>DEPARTMENT MAGAZINE</div> <div>Mechanical Engineering</div> </div>	<div> <div>AY</div> <div>2022-23</div> </div>
<div>Department Highlights</div> <div>  <div> <div>Department of Mechanical Engineering Establishes Centre of Excellence in Collaboration with Mitsubishi</div> <div> <p>We are proud to announce that the Department of Mechanical Engineering has established a Centre of Excellence (CoE) in collaboration with Mitsubishi during the academic year 2022–23. This strategic partnership marks a significant milestone in bridging the gap between industry and academia, aiming to foster innovation, research, and skill development in advanced engineering technologies.</p> <div>Objective of the Centre:</div> <p>The Centre of Excellence is designed to bridge the gap between academic knowledge and industry practices. It will serve as a hub for cutting-edge research, hands-on training, interdisciplinary collaboration, and the development of industry-ready solutions.</p> <div>Key Focus Areas:</div> <ol style="list-style-type: none"> Advanced Manufacturing and Automation Renewable and Sustainable Energy Technologies Design and Simulation Engineering Robotics and Mechatronics Product Development and Prototyping </div> </div> </div>	<div>Student Achievements</div> <div>  <ul style="list-style-type: none"> Final Year B.Tech students have won First Prize at the National-level technical event "YASHOTECH 2023", organized by Dnyanshree Institute of Engineering & Technology, Satara Their innovation, technical expertise, and teamwork were highly appreciated by judges and participants alike.  <ul style="list-style-type: none"> Final Year B.Tech students have won First Prize at the state-level technical event "DNYANAVISHKAR 2023", organized by Dnyanshree Institute of Engineering & Technology, Satara.  <ul style="list-style-type: none"> Final-year B. Tech students have </div>	<div>Faculty Corner</div> <div> <div>Faculty Development Programs:</div> <p>We are pleased to share that a total of 08 faculty members from the Department of Mechanical Engineering at Dnyanshree Institute of Engineering & Technology, Satara actively participated in various Faculty Development Programs (FDPs) during the academic year 2022–23.</p> <p>The enthusiastic involvement of faculty members in FDPs reflects the department's strong commitment to academic excellence and lifelong learning. It also contributes to elevating the overall quality of education delivered to students.</p> <div>Examination Activity:</div> <p>We are pleased to announce that Prof. R. V. Salunkhe, Assistant Professor in the Department of Mechanical Engineering at Dnyanshree Institute of Engineering & Technology, Satara, affiliated with Dr. Babasaheb Ambedkar Technological University (DBATU), Lonere, has been appointed as a Paper-Setter by the university in the Academic year 2022 -23.</p> </div>

<p>Key Features:</p> <ol style="list-style-type: none"> 1. State-of-the-art lab facilities and simulation software 2. Collaboration with industry experts and research institutions 3. Workshops, internships, and certification programs 4. Opportunities for student-led innovation and startup incubation 5. Support for patent filings and research publications 	<p>successfully achieved a patent for their innovative project, "Design and Manufacturing of Cow Dung Lifting and Cleaning Machine." This remarkable milestone reflects their commitment to practical problem-solving and technological innovation aimed at improving rural sanitation and agricultural practices.</p> <ul style="list-style-type: none"> • A total of 31 students participated in various technical events at District, State and National level Competitions during the academic Year 2022 – 23. 	
Alumni Speak	Industry Connect	Events & Workshops
<div data-bbox="254 816 489 1041"></div> <p>As an alumna of Dnyanshree, I can confidently say that my time at this esteemed institution has been transformative. Dnyanshree Institute not only equipped me with the technical skills necessary for my career but also installed in me a sense of discipline, perseverance, and innovation. The vibrant campus culture, dedicated faculty, and state-of-the-art facilities provided me with an environment conducive to learning and personal growth. Today as I look back on my journey, I am grateful for the valuable education and experiences gained at Dnyanshree Institute, which continues to shape my professional trajectory...</p> <p>- Mr. Udaykumar Mane (Design Engineer, WIT, Walchandnagar)</p> <p>Best Engineering College in Satara – Dnyanshree Institute of Engineering & Technology, Satara</p> <p><i>"Choosing Dnyanshree Institute of Engineering & Technology, Satara, was one of the best decisions of my academic journey. As an alumnus, I can confidently say it is the best engineering college in Satara—not just for its excellent academic curriculum but also for the holistic development it offers."</i></p> <p>The college provided me with:</p> <ul style="list-style-type: none"> • Experienced and supportive faculty who guided me both academically and personally • State-of-the-art laboratories and facilities that helped turn theory into hands-on experience • Industry exposure through workshops, industrial visits, and internships prepared me for the real-world • A vibrant campus life with technical fests, seminars, and cultural events that made my journey memorable • Strong placement support and skill development programs helped me secure my first job. 	<p>Industrial Visits:</p> <div data-bbox="720 893 1329 1415"></div> <p>An industrial visit to Suzlon Energy Ltd. provided an insightful experience into the workings of one of India's leading renewable energy companies. The visit was organized to give students a first-hand understanding of wind energy technologies, manufacturing processes, and the overall contribution of Suzlon to the clean energy sector.</p> <div data-bbox="720 1961 1329 2436"></div> <p>The visit to Maharashtra Scooters Ltd. was an enriching and educational experience. It gave students a practical understanding of automotive manufacturing and emphasized the role of engineering skills in shaping the industry. Such visits are invaluable in enhancing student engagement, career awareness, and industry readiness.</p>	<p>Sports Activity:</p> <div data-bbox="1386 851 1995 1196"></div> <ul style="list-style-type: none"> • The Department of Mechanical Engineering delivered an exceptional performance at the “Dnyanshree Krida Mahotsav 2023”. Our students showcased remarkable talent, sportsmanship, and unwavering team spirit throughout the event. • Cricket: Degree Boys Winner Team Kabaddi: Degree Boys & Girls Runner-up Teams • Congratulations to all the participants for their dedication and hard work. You’ve made the department proud! <p>Value Added Programs:</p> <p>1. "Non-Destructive Inspection in Manufacturing"</p> <p>The Department of Mechanical Engineering successfully organized a Value-Added Program in collaboration with Spion NDT Pvt. Ltd., Satara on the topic "Non-Destructive Inspection in Manufacturing."</p> <p>The program aimed to enhance students’ understanding of modern inspection techniques used in the manufacturing industry, with a focus on real-world applications of non-destructive testing (NDT) methods. This initiative provided participants with valuable insights into quality assurance and safety in engineering components, bridging the gap between academic learning and industrial</p>

Dnyanshree doesn't just teach engineering—it shapes professionals who are ready to take on the future with confidence. I'm proud to be a part of the Dnyanshree family.



An industrial visit to **SHREE TOOLS, Satara**, was organized for the students of the **Mechanical Engineering Department** to provide practical exposure to modern manufacturing practices and tool-making processes. The visit took place as a part of the academic curriculum aimed at enhancing students' industry interaction and real-world understanding of production systems.



The Department of **Mechanical Engineering** organized an industrial visit to **Kisanveer Co-operative Sugar Factory Ltd.**, located at Bhuij, Wai, Satara, providing students with valuable exposure to real-time industrial operations and processes in the sugar manufacturing sector.

practices.

2. "Die Design and Applications of Press Tools in Industries"

The **Department of Mechanical Engineering**, Dnyanshree Institute of Engineering & Technology, Satara, successfully organized a **Value-Added Program** on the topic "**Die Design and Applications of Press Tools in Industries.**" This program aimed to bridge the gap between academic knowledge and industrial practices, providing students with valuable insights into die design techniques and the real-world applications of press tools in manufacturing industries.

Workshop on “Entrepreneurship Development”



The **Department of Mechanical Engineering** at Dnyanshree Institute of Engineering & Technology, Satara, successfully organized a **Workshop on “Entrepreneurship Development”** in collaboration with the **District Industry Center (DIC), Satara**. The event aimed to inspire and empower students to explore entrepreneurial opportunities and develop the mindset needed to become future innovators and job creators.

Workshop on “Content Creation using Multimedia Platforms”



The **Department of Mechanical Engineering** at Dnyanshree Institute of Engineering & Technology, Satara, successfully organized a **Three-day workshop on “Content Creation using Multimedia Platforms”** aimed at equipping students with modern digital communication skills beyond conventional engineering boundaries.