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TULSIRAMJI GAIKWAD-PATIL
College of Engineering & Technology

(Approved by AICTE, New Delhi and Govt. of Maharashtra & Affiliated to MSBTE, Mumbai)



POLYTECHNIC

“YANTRIK”

DEPARTMENT OF MECHANICAL NEWSLETTER

2023-2024

ODD SEMESTER

THE RISE OF AUTONOMOUS MANUFACTURING



GAIKWAD-PATIL
GROUP OF INSTITUTIONS

YOUR DREAM IS OUR MISSION

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Minds: The Era of Autonomous Manufacturing

The contemporary manufacturing landscape is witnessing a profound transformation, driven by the integration of autonomous systems and advanced digital technologies. The phrase “From Machines to Minds” encapsulates this paradigm shift, wherein conventional machinery, traditionally reliant on human supervision, is evolving into intelligent systems capable of autonomous decision-making. Autonomous manufacturing represents the convergence of robotics, artificial intelligence, machine learning, and the Industrial Internet of Things (IIoT). These systems are designed to monitor operations in real-time, optimize production workflows, predict maintenance requirements, and respond dynamically to variations in the manufacturing environment. Consequently, the reliance on manual intervention is significantly reduced, and operational efficiency is markedly enhanced. The implications of this technological evolution are multifaceted. Operational accuracy improves as human error diminishes, production throughput increases, and resource utilization becomes more sustainable. Furthermore, autonomous systems foster a safer working environment by undertaking tasks that are hazardous or ergonomically challenging for human operators. Beyond operational advantages, the rise of autonomous manufacturing necessitates a redefinition of professional roles within the industry. Engineers, managers, and technicians are increasingly required to possess expertise not only in mechanical design and process engineering but also in data analytics, systems integration, and intelligent decision-making. This shift enables professionals to engage in higher-order problem-solving, strategic planning, and innovation, rather than routine operational oversight.

**"Vision that Inspires,
Mission that Empowers"**

Vision of Institute

**To emerge as a learning Center of Excellence in the
National Ethos in Diploma in Engineering.**

Mission of Institute

M1: To elevate the standards of students through ethical practices.

M2: To provide facilities and services to meet the challenges of Industry and Community.

M3: To ascertain holistic development of the students and staff members by inculcating knowledge and profession as work practices.

Vision that Inspires,

Mission that Empowers

VISION OF DEPARTMENT

To be a premier center for producing competent Mechanical Engineers to cater the ever- changing industrial demands and societal needs.

MISSION OF DEPARTMENT

- ☐ **To provide better environment to the students and faculty members, creating an ambience conducive for excellence in Mechanical Engineering education.**
- ☐ **To strengthen industry institute interaction to made the challenges of industry and society.**
- ☐ **To impart quality technical education to inculcate moral values, professional ethics and entrepreneurial qualities.**

Vision that Inspires,

Mission that Empowers

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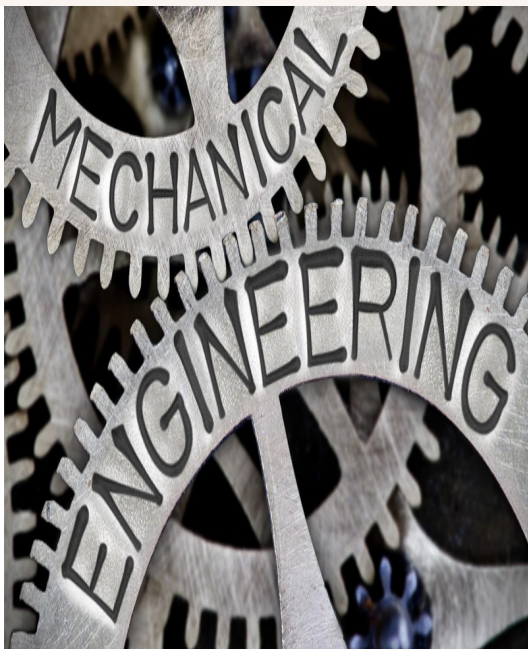
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The Pillar of Innovation



ABOUT TGPCET

Tulsiramji Gaikwad Patil College of Engineering and Technology (TGPCET) second shift Polytechnic was established in the year 2013 by VidarbhaBahu-uddeshiya Shikshan Sanstha(VBSS), a registered society. It is self- financed Private Polytechnic, which is affiliated to Maharashtra State Board of Technical Education (MSBTE).Mumbai and is approved by All India Council for Technical Education, New Delhi.



ABOUT DEPARTMENT

The Dynamic Realm of Mechanical Engineering: Where Innovation Meets Precision

The Department of Mechanical Engineering stands as a cornerstone of technological evolution a discipline that merges creativity with scientific rigor to shape the machinery of modern civilization. Often referred to as the “mother branch” of engineering, Mechanical Engineering transcends traditional boundaries, empowering students to design, analyze, and innovate systems that define human progress.

programme educational objectives:-

- peo 1: Provide socially responsible, environment friendly solution to mechanical engineering related broad-base problem adopting professional ethics.**
- peo 2: Adapt state of the art, mechanical engineering broad-based technologies to work in multi-disciplinary work environment.**
- peo 3: Solve broad-based problems individually and as team member communicating effectively in the world of work.**

programme specific outcomes:-

PSO 1: Modern Software Usage: Use latest mechanical related software for simple design, drafting, manufacturing, maintenance and documentation of mechanical components and processes.

PSO 2: Maintenance and selection of machines, equipment, instruments: Maintain and select appropriate machine, equipment and instrument in field of Mechanical Engineering.

PSO 3: Manage Mechanical Process: Manage the mechanical process by selection and scheduling right type of machinery, equipment, substrates, quality control techniques, operational parameters and software for a particular mechanical process or job for economy of operations

programme outcome:-

- 1. Basic and Discipline specific knowledge: Apply the knowledge of basic mathematics, science, engineering fundamentals, and an engineering specialization to solve the engineering problems.**
- 2. Problem analysis: Identify and analysis well-defined engineering problems using codified standard methods.**
- 3. Design/ development of solutions: design solution for well-defined technical problems and assist with the design of system components or processes to meet specified needs.**
- 4. Engineering tools, experimentation and testing: Apply modern engineering tools and appropriate technique to conduct standard tests and measurements.**
- 5. Engineering practices for society, sustainability and environment: Apply appropriate technology in context of society, sustainability, environment and ethical practices.**
- 6. Project Management: Use engineering management principles individually, as a team member or a leader to manage project effectively communicate about well defined engineering activities.**
- 7. Life-long Learning: Ability to analysis individual needs and engage in updating in the context of technological changes.**

A Vision in Motion: Message from the DEAN



Dr. Aasif Baig

Dean

It gives me immense pleasure to introduce this edition of our newsletter, centered on the theme **‘From Machines to Minds: The Era of Autonomous Manufacturing.’** The manufacturing sector is undergoing a remarkable transformation, driven by the integration of artificial intelligence, robotics, and advanced analytics. Today, machines are evolving from being mere tools to intelligent systems capable of autonomous decision-making, fundamentally reshaping production processes and operational paradigms. As educators and mentors, it is our responsibility to ensure that our students are equipped not only with technical expertise but also with the vision to adapt to these emerging technologies. Autonomous manufacturing is more than just an industrial trend; it represents a convergence of innovation, precision, and human ingenuity. Our department is committed to fostering knowledge, encouraging innovation, and preparing the next generation of engineers to thrive in this intelligent era of industry.

I hope this newsletter provides valuable insights and inspires our students and faculty alike to explore, innovate, and contribute to the ever-evolving landscape of autonomous manufacturing.

Message: Embracing the shift ‘From Machines to Minds, we are preparing our engineers to lead in the era of intelligent, autonomous manufacturing.’

Leading the Drive: Words from the HOD



Dr. Niteen Kakade
HoD, Mechanical Department

It is a matter of great pride to present this edition of our newsletter under the theme **‘From Machines to Minds: The Era of Autonomous Manufacturing.’** The manufacturing sector is undergoing an unprecedented transformation, characterized by the integration of autonomous systems, artificial intelligence, robotics, and advanced data analytic. This paradigm shift signifies a transition from traditional machinery, which merely executes tasks, to intelligent systems capable of decision-making, learning, and self-optimization.

In this evolving landscape, the role of engineers extends beyond conventional operational responsibilities. They are increasingly required to engage in strategic problem-solving, innovation, and the seamless integration of human intellect with intelligent machines. Our department is committed to fostering an environment that equips students with both technical proficiency and analytical acumen, preparing them to navigate and lead in this era of intelligent manufacturing.

As we embrace this transformation journey, it is imperative to recognize that autonomous manufacturing is not merely a technological advancement it represents a holistic redefinition of industrial practice, bridging human ingenuity with mechanical precision. I hope this newsletter provides valuable insights, inspires curiosity, and encourages our students and faculty to contribute meaningfully to the advancement of this intelligent industrial paradigm.
Message: Bridging human ingenuity and intelligent machines, we prepare our engineers to lead in the era of autonomous manufacturing.

Editorial Board

DR. Niteen Kakade
Editorial Chief



MR. RAJAT GAJBHIYE
FACULTY COORDINATOR



MR. UMESH BOPACHE
STUDENT COORDINATOR



MR. JATIN HATGHARE
STUDENT COORDINATOR

OUR THEME



MS. MANSI GAJBHIYE
STUDENT COORDINATOR

The Rise of Autonomous Manufacturing

Revolutionizing Production Through AI and Robotics

The manufacturing floor is evolving faster than ever. Autonomous manufacturing powered by artificial intelligence, advanced robotics, and real-time data analytic is transforming how products are designed, produced, and delivered.

From self-optimizing production lines to predictive maintenance and smart quality control, factories are becoming more efficient, flexible, and resilient. Companies embracing automation are not only reducing costs but also accelerating innovation, cutting waste, and improving safety for workers.

Key Trends Driving the Shift:

AI-Driven Decision Making: Machines can analyze data and make operational adjustments on the fly, optimizing production in real time.

Collaborative Robots (Cobots): Robots working alongside humans enhance productivity without replacing the workforce.

Digital Twins: Virtual replicas of production lines allow for simulation, testing, and optimization before physical changes are implemented.

Predictive Maintenance: AI predicts equipment failures before they happen, reducing downtime and costs.

The Rise of Autonomous Manufacturing: Why it matters?

Why it Matters?

Autonomous manufacturing is not just about efficiency it's about staying competitive in a rapidly changing market. Companies adopting these technologies are seeing faster time-to-market, better product quality, and stronger resilience against supply chain disruptions.

Looking Ahead:

The next decade will see even smarter factories with fully integrated digital ecosystems. The line between the digital and physical world is blurring, making the “factory of the future” not just a concept, but a reality in motion.



Autonomous Manufacturing: The Smart Factory Revolution

As industries embrace Industry 4.0, **autonomous manufacturing** is setting new standards in production intelligence. Smart machines now operate with minimal human intervention, adapting to changes in demand, materials, and design in real time.

“Automation is not replacing humans—it’s empowering them to build smarter, safer, and more sustainable futures.”

Highlights of the Transition:

Smart Robotics: Robots now learn and adapt enhancing precision and speed in manufacturing processes.

Data-Driven Efficiency: Continuous monitoring and analytic enable zero-defect production and resource optimization.

Interconnected Systems: Machines, sensors, and humans communicate seamlessly across digital platforms.

Sustainability Through Automation: Energy-efficient maintenance reduce waste and emissions.

systems and predictive



Autonomous Manufacturing: Why It Matters in Mechanical Engineering?

The Rise of Autonomous Manufacturing: Why It Matters in Mechanical Engineering

Autonomous manufacturing represents a transformation leap for mechanical engineers, bridging traditional design and production with intelligent automation. It empowers engineers to create systems that think, adapt, and optimize processes independently, enhancing productivity and precision. Mechanical engineers play a crucial role in integrating robotics, sensors, and AI-driven systems to build smarter machines and sustainable manufacturing environments. As industries move toward self-reliant production by 2030, mechanical engineers will lead this evolution driving innovation, improving quality, and shaping the future of intelligent manufacturing.

Autonomous manufacturing is not just a technological upgrade it's a paradigm shift. For mechanical engineers, it opens new frontiers of innovation, sustainability, and intelligent design, redefining the essence of engineering in the era of Industry 5.0.



Autonomous Manufacturing: By 2030

By 2030, autonomous manufacturing is expected to redefine the global industrial landscape through the seamless integration of artificial intelligence, robotics, and advanced data analytic. Factories will evolve into fully self-optimizing ecosystems, capable of making real-time decisions with minimal human intervention. Predictive maintenance, intelligent supply chains, and adaptive production lines will enhance efficiency, sustainability, and precision. As the era of Industry 5.0 emerges, the collaboration between humans and smart machines will drive innovation, sustainable growth marking a new chapter in the evolution of manufacturing excellence.



Enhancing Technical Excellence through Expert Talk.

Date: 22th September 2023 :

Expert Lecture on “Product and Module Design Engineering, TGPCET Polytechnic

,delivered by **Mr.RohanGedam** Engineer at **IIPDM, Nagpur** .Theprimaryaimof

the session was to acquaint students with the fundamentals of **digital design**

emphasizing **manufacturing**

(Computer-AidedDesign)CAM(Computer-Aided Manufacturing) technologies enhance design accuracy, productivity, and industrial efficiency. Mr. Gedam provided an insightful presentation on the role of CAD/CAM tools in conceptualizing, developing, simulating, and optimizing mechanical components and assemblies. The lecture also included a practical demonstration on **product modeling, assembly creation, and CAM programming for CNC operations**, offering students hands-on exposure to real-world industrial processes. The session effectively bridged the gap between theoretical learning and industrial application, empowering students with essential skills required for **industry-ready CAD/CAM- based roles**. The program concluded with a **vote of thanks delivered by Mr. Rajat Gajbhiye**, acknowledging the valuable contribution of the speaker and the collective efforts of the organizing team in ensuring the event’s success. The department extended heartfelt gratitude to **Mr. Rohan Gedam** for his informative and engaging session, which greatly enhanced students’ understanding of modern digital design and manufacturing practices.



EXPERT LECTURE TITLE: PRODUCT & MODULE DESIGN WITH THE HELP OF CAD/CAM

Capturing Experiences, Creating Memories



Date: 14 th September 2024 :

The Department of Mechanical Engineering, TGPCET Polytechnic, organized an industrial visit to *The Times of India*, MIDC, Butibori, Nagpur, on 14th September 2024 under the initiatives of ISTE and IEI. The visit aimed to provide students with practical exposure to the operational environment of a large-scale media and printing industry, enhancing their understanding beyond classroom learning. During the visit, students explored the intricate processes involved in newspaper production—from raw material handling and high-speed printing operations to quality control and distribution mechanisms. The session offered valuable insights into the **integration of advanced technologies**, including automated printing presses and digital systems that ensure precision and efficiency in mass production.

Title: *The Times of India*, MIDC, Butibori, Nagpur

Students also learned about the **stringent quality and editorial standards** upheld by the organization, as well as the importance of **safety protocols** in managing high-speed machinery. A special emphasis was placed on the **environmental and sustainability practices** followed by the Times of India, such as **ink recycling** and **paper waste management**, reflecting the industry's commitment to eco-friendly operations. The industrial visit served as a bridge between theoretical knowledge and real-world industrial practices, enriching students' technical perspective and professional awareness. Overall, the experience proved to be **highly educational and inspiring**, fostering a deeper appreciation for technological innovation and operational excellence in the modern printing and publishing industry.



Capturing Experiences, Creating Memories

The Times of India, MIDC, Butibori, Nagpur



Enhancing Technical Excellence through Expert Talk.

EXPERT LECTURE

Date: 7th September 2024 :

The **Department of Mechanical Engineering, TGPCET Polytechnic**, in association with the **RobustForum**, organized a **Guest Lecture on “Additive Manufacturing”** on **7th September 2024**, delivered by **Mr. Gaurav Lanjewar**, Senior Engineer at **AMCI, Butibori MIDC**. The session aimed to provide an in-depth understanding of **additive manufacturing technologies**, their underlying principles, materials, industrial applications, and future potential.

The program commenced with the **opening remarks by the Head of the Department**, who emphasized the growing importance of additive manufacturing in modern engineering and product development. The objectives of the lecture were clearly outlined, aligning with the program outcomes (POs) to enhance students' technical knowledge and analytical skills. Mr. Lanjewar elaborated on the **latest advancements, practical applications, and case studies** demonstrating the transformation role of additive manufacturing in achieving innovation, precision, and sustainability in production. The lecture concluded with an interactive feedback session and a short evaluation test, which reflected that the intended learning outcomes were effectively achieved. The event concluded with a **vote of thanks delivered by Program Coordinator, Mr. Rajat Gajbhiye**, acknowledging the guest speaker's valuable insights and the enthusiastic participation of the students.



ADDITIVE MANUFACTURING

Capturing Experiences, Creating Memories

ADDITIVE MANUFACTURING



Enhancing Technical Excellence through Expert Talk.

Date: 27th September 2024

Title: Career Opportunity in Government Sector

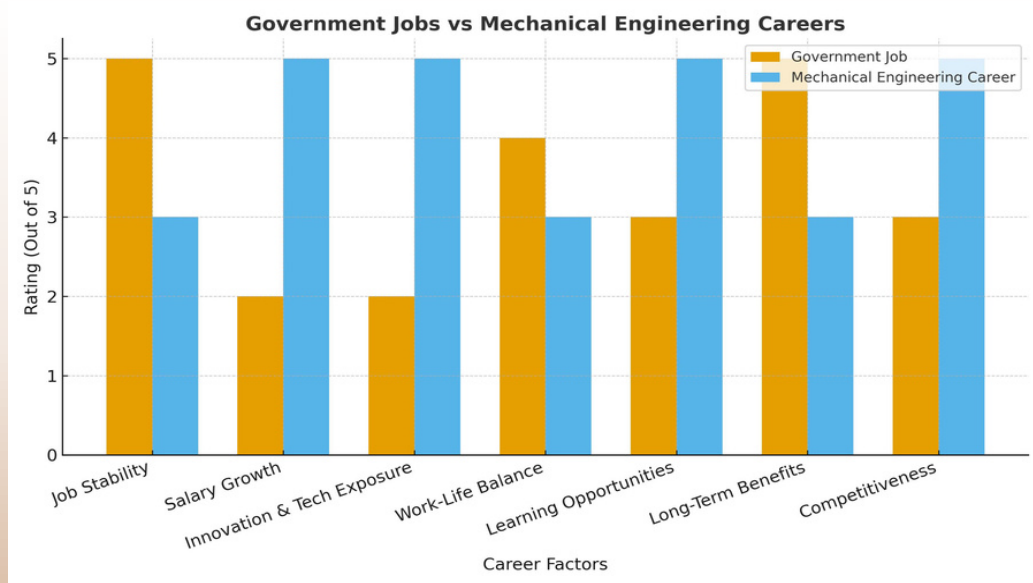
The Department of Mechanical Engineering, TGPCET Polytechnic, organized a **Personality Development Guest Lecture on “Career Opportunity in Government Sector”** on 27th September 2024, delivered by **Mr. Sumedh Jaiswal**, Branch Head of **Dnyanjyoti Education, Nagpur**. The session aimed to enlighten students about the diverse career prospects available in the **government sector**, including opportunities in **civil services, banking, defense, railways, and public sector undertakings (PSUs)**. Mr. Jaiswal provided valuable guidance on **eligibility criteria, recruitment procedures, and effective preparation strategies** for competitive examinations, emphasizing the importance of discipline, time management, and self-motivation in achieving success. The lecture not only offered practical insights into exam preparation but also focused on developing the **right attitude, communication skills, and confidence** necessary for aspiring candidates. Students actively participated in the interactive session, gaining a clearer perspective on how to align their academic learning with government career aspirations. Overall, the event proved to be **highly inspiring and informative**, motivating students to pursue rewarding careers in public service with determination and strategic preparation.



Government Jobs vs Mechanical Engineering Careers: A Comparative Outlook

In today's competitive era, students of mechanical engineering often find themselves at a crossroads when choosing between government sector employment and core industry opportunities. Both career paths hold significant value but differ in work environment, stability, growth prospects, and innovation exposure. Government jobs offer stability, structured work hours, and long-term benefits such as pensions and job security. They appeal to individuals seeking consistency, administrative roles, and service to the nation. On the other hand, careers in mechanical engineering within the private or industrial sector provide exposure to cutting-edge technology, research, and global industrial practices. Mechanical engineers in industries like manufacturing, design, automation, and renewable energy enjoy faster growth, dynamic challenges, and innovation-driven environments.

While government roles ensure stability, mechanical engineering careers offer professional growth, skill enhancement, and opportunities for international collaboration. The choice depends on one's passion whether one values stability or seeks technological advancement and innovation. Both paths contribute immensely to the nation's economic and technological progress.



Date: 25th October 2024

The Department of Mechanical Engineering, TDP College of Engineering, in association with IE(I) and ISTE, organized an **Expert Lecture on “CNC Machining”** on **25th October 2024**, delivered by **Mr. Ganesh Dashrath Ganthade**, Centre Head of **Shree Ganesh CNC College, Hingna, Nagpur**. The session aimed to provide students with an in-depth understanding of **Computer Numerical Control (CNC) machining**, covering its principles, operations, industrial applications, and recent technological advancements. Mr. Ganthade shared valuable insights into the precision, efficiency, and automation capabilities of CNC systems, highlighting their importance in modern manufacturing industries. The lecture effectively bridged the gap between academic learning and real-world industrial practices, allowing students to relate theoretical knowledge to practical scenarios. Emphasis was placed on **programming skills, process optimization, and the significance of accuracy and safety protocols** in machining operations.



Expert Lecture

The session also encouraged interaction

between students and the industry expert, fostering professional connections and stimulating curiosity toward innovative applications in CNC technology. Overall, the lecture proved to be **highly informative and inspiring**, equipping students with the technical knowledge and motivation to pursue excellence in advanced manufacturing systems.

Capturing Experiences, Creating Memories



Enhancing Technical Excellence through Expert Talk.

Date: 8th November 2024:

The **Department of Mechanical Engineering, TGPCET Polytechnic**, in association with **IE(I)** and **ISTE**, organized a **Personality Development Guest Lecture on “Resume Building”** on **8th November 2024**, conducted by **Mr. Rishikesh Dakaha**, Soft Skills Trainer from the **Training and Placement Department, TGPCET, Nagpur**. The session aimed to equip students with the knowledge and skills required to craft a professional, well-structured, and impactful resume that effectively highlights their **academic achievements, technical expertise, and career aspirations**. Mr. Dakaha conducted a highly engaging and interactive session, explaining the key components of a professional



Personality Development Session accomplishments customize resumes for specific job roles, maintain clarity and precision.

ATS (Applicant Tracking System) compatibility. Practical examples and expert tips were shared to help students avoid common errors and create resumes that leave a strong impression on recruiters. The session proved to be **highly insightful and beneficial**, enhancing students' confidence and readiness for future placement opportunities in the competitive job market.



Learning Through Their Eyes

The industrial visit to the Additive Our visit to the CNC Machine Industry was Manufacturing industry was an enriching and eye- a truly enlightening experience that allowed us to opening experience for us as students of Mechanical connect classroom learning with real-world Engineering.It provided areal- world exposure to applications. We observed various stages of thepracticalapplicationsof3Dprintingtechnology, production, including CNC programming, tool which we had previously studied in theory.During setting, and automated machining processes. Seeing the visit, we observed how digital models are how precision and accuracy are maintained in every transformed into physical objects through precise operation gave usadeeperappreciationformodern layering techniques and advanced material manufacturing technologies. The engineers and processing. The experts at the facility explained the professionals at the industry patiently explained the working principles of various types of additive functioning of advanced machines and shared manufacturing machines,their industrial relevance, insights about automation and quality control. This and the innovations driving this technology forward. visit not only enhanced our technical understanding We were particularly fascinated by how additive but also motivated us to learn more about industrial manufacturing contributes to cost reduction, design practices an future trends in manufacturing.It was flexibility, and sustainable production. The indeed a valuable learning opportunity that interaction with industry professionals helped us strengthened our confidence and curiosity as understand the emerging career opportunities .

Faculty Name :Mr.Hemant Dabhale
Enrollment No: 2116830573

Learning Through Their Eyes



Name :YADAV HIMANSHU HARERAM
Enrollment no- 23318000749



Name: Gautam Pranav Manoj
Enrollment no- 2216830060

Pride of the Department

We are delighted to share that our **Chief Editor and Head of the Department** has been conferred with the prestigious **Doctoral (Ph.D.) Degree**, marking a remarkable milestone in their academic and professional journey. This achievement stands as a testament to their unwavering dedication, scholarly excellence, and continuous pursuit of knowledge. Their research contributions and leadership have significantly enriched the academic environment of the department, inspiring both faculty and students to strive for higher standards of innovation and learning. The entire institution takes immense pride in this accomplishment, as it reflects our collective commitment to academic growth, research excellence, and intellectual advancement.



Dr. Niteen Kakade

Congratulations!!!!!!



Our Pride, Our People, Our Progress.
Pride of the Institute

Congratulations!!!!!!

Dr. Niteen Tukaramji Kakade Awarded Ph.D. from G.H. Raisoni University, Amravati



The Department of Mechanical Engineering, TGPCET, takes immense pride in announcing that **Dr. Niteen Tukaramji Kakade**, Assistant Professor and Head of the Department, has been awarded the **Doctor of Philosophy (Ph.D.)** degree from **G.H. Raisoni University, Amravati**. Dr. Kakade's doctoral research, titled "*Design, Modelling, and Analysis of Low-Cost Split Pigeon Pea (Tur Dal) Production Machine with Combined Operations*", focuses on developing an innovative and cost-effective approach to agricultural processing machinery. His work integrates design optimization and operational efficiency to support sustainable and affordable food processing technologies — a contribution of significant value to the agricultural and manufacturing sectors. He completed his research work under the esteemed guidance of **Prof. Achal Shahare** and **Prof. G.K. Awari**. Dr. Kakade has expressed heartfelt gratitude to **Dr. Mohan Gaikwad-Patil**, Chairman, GPGI; **Mr. Sandeep Gaikwad**, Treasurer, GPGI; **Dr. P.L. Naktode**, Principal, TGPCET; **Prof. Pragati Patil**, Vice Principal, TGPCET; and his family members for their constant support, motivation, and encouragement throughout his academic journey.

The entire TGPCET fraternity extends warm congratulations to **Dr. Niteen T. Kakade** for his remarkable achievement. His dedication to research, innovation, and excellence continues to inspire faculty members and students alike, reinforcing the institution's commitment to academic growth and research excellence.

Congratulations!!!!!!



Kakade gets PhD from Raisoni University

Niteen Tukaramji Kakade, an assistant professor of Tulsiramji Gaikwad Patil College of Engineering and Tehnology (TGPGET) got PhD from **G.H. Raisoni University, Amaravati**. The topic of his research was 'Design, modelling and analysis of low cost split pigeon pea (tur dal) production machine with combined operations'. He was guided by **Achal Shahare** and **GK Awari**. He gives credit of his doctorate to **Mohan Gaikwad-Patil**, chairman of GPGI, **Sandeep Gaikwad**, treasurer of GPGI, **PL Naktode**, principal of TGPCET, **Prof Pragati Patil**, vice-principal, and family members.



Toppers' Triumph Pride of the Department



MS.YAMINI MANOJ YELNE

Enrollment no- 23318000582

Percentage : 75.17%

1st Year



AKHIL FALKAN KUJUR

Enrollment no- 23318000583

Percentage : 78%



GAUTAM PRANAV MANOJ

Enrollment no- 2216830060

Percentage: 75.36%

2nd Year



MR.UMESH MANOHAR BOPACHE

Enrollment no- 2216830157

Percentage:75.36%



PRAJWAL NILKANTH DHOTE

Enrollment No: 2116830063

Percentage : 77.14%

3rd Year



MANSI SIDDHARTH GAJBHIYE

Enrollment no:2116830107

Percentage :76.86%

THE RISE OF AUTONOMOUS AI MANUFACTURING

As we conclude this special edition of our newsletter, we extend our heartfelt gratitude to all contributors, faculty mentors, and student participants who made this publication a success.

This edition reflects our collective vision toward embracing intelligent automation, digital transformation, and the future of manufacturing led by Artificial Intelligence

