

Graphic Era
Deemed to be
University
DEHRADUN



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ALUM
INTERACTION

Department of
Mechanical Engineering

TOPIC

"Lean Start-up
& Minimum Viable
Product/Business"

17 Aug 2023 01:00PM
ONLINE

MT, ME Block, Graphic Era
(Deemed to be University)

Graphic Era
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Mr. Prakhar Srivastav

Founder & CEO
KARTHIK EDUCATION FOR EMPLOYMENT

Guest Speaker of the Day

Odd Semester 2023-24



GPS Map Camera

Bharu Wala Grant, Uttarakhand, India.
700W/100V, Graphic Era University Rd, Subhash Nagar, Bharu Wala Grant,
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Lat: 30.267319°
Long: 77.990750°
20/08/2023 10:45 AM GMT +05:30



The background of the document is a collage of various university-related images. It includes a large group of students and faculty members posing for a group photo, a student working on a mechanical project, a student in a lab coat, and a group of students standing in front of a white car. The collage is semi-transparent, allowing the text to be read over it.

Institute:

Vision:

We visualize Graphic Era (Deemed to be University) as an internationally recognized, enquiry driven, ethically engaged diverse community, whose members work collaboratively for positive transformation in the world, through leadership in teaching, research and action.

Mission:

The mission of the university is to promote learning in true spirit and offer knowledge and skills in order to succeed as professionals. The university aims to distinguish itself as a diverse, socially responsible learning community with high-quality scholarship and academic rigour.

Department:

Vision:

The vision of the department is to be regionally, nationally and internationally recognized in providing Mechanical Engineering education, leading to well qualified Engineers who are Creative, Ethical Environmentally friendly, Self-esteemed and successful in Research.

Mission:

The mission of the department is to educate, prepare, inspire, and mentor students to excel as professionals at both the undergraduate and post graduate levels for leadership roles in the fields of mechanical engineering and to conduct research for the benefit of society.

M1- To imparting quality education to the students and enhancing their skills to make them globally competitive engineers.

M2- To maintaining vital, state-of-the-art research facilities to improve its students and faculty with opportunities to create, interpret, apply and disseminate knowledge.

M3- To develop linkages with world class R&D organization and educational institutions in India and abroad for excellence in teaching, research and consultancy practices.

M4- To produce ethical, motivated and competent engineers capable of solving current problems and envisaging and developing new technologies beneficial to society.

1.2 State the Program Educational Objectives (PEOs) (5)

The Program Educational Objectives (PEOs) for Mechanical Engineering students typically center around the broad goals that the program seeks to achieve for its graduates. There are four commonly stated objectives:

PEO1: To enable students to apply core principles and emerging technologies in Mechanical Engineering to address modern industry and societal challenges.

PEO2: To equip students with a strong foundation in core principles and emerging technologies, enabling them to solve complex engineering problems and pursue advanced studies, research, and innovation in Mechanical Engineering.

PEO3: To foster communication, ethics, and leadership in students, enabling them to excel in emerging Mechanical Engineering trends and contribute to industry, society, and science globally.

PEO4: To foster lifelong learning, innovation-driven entrepreneurship, and research in emerging technologies, with a focus on ethics and environmental sustainability for societal benefit.

JEEP India Car Exhibition at Graphic Era Deemed to be University

Date: 27th July 2023

Venue: Department of Mechanical Engineering, Graphic Era Deemed to be University, Dehradun

On 27th July 2023, the Department of Mechanical Engineering at Graphic Era Deemed to be University (GEU), in collaboration with JEEP India, hosted a captivating car exhibition that left students, faculty, and staff members in awe. The event provided a unique platform for attendees to witness the latest advancements in automotive technology and experience the cutting-edge models of JEEP vehicles firsthand.

The exhibition showcased JEEP's commitment to innovation, durability, and superior design, while also offering the university community a glimpse into the future of automotive engineering. It was an exciting day filled with learning and inspiration for aspiring engineers and car enthusiasts alike.

Highlights of the Exhibition

The exhibition featured JEEP's state-of-the-art vehicles, known for their off-road capability, innovative technology, and stylish designs. The models on display included the latest iterations of popular JEEP models, which offered an excellent opportunity to explore the brand's advancements in automotive design, performance, and sustainability.

- Cutting-Edge Models on Display:

Some of the most popular models exhibited were the JEEP Compass, JEEP Wrangler, and JEEP Grand Cherokee. Attendees had the chance to explore these vehicles up close, examining their advanced features, such as 4x4 off-road capability, adaptive cruise

control, integrated infotainment systems, and eco-friendly engines that align with global sustainability goals.

- **Technological Advancements:** The exhibition highlighted the technological prowess of JEEP's latest vehicles, with features like real-time navigation systems, driver-assistance technology, automatic braking systems, and fuel-efficient engines being the focal points. Students were particularly drawn to the explanations of the innovative mechanical systems and state-of-the-art sensors that enhance the driving experience, safety, and sustainability of these vehicles.

Educational Impact

The event was more than just a display of vehicles—it served as an educational platform for the university's budding engineers. Mechanical engineering students were especially thrilled to interact with JEEP engineers and experts, who were present to answer technical questions about the vehicles' designs, mechanical systems, and technological advancements. The experts provided in-depth knowledge of engine optimization, suspension systems, and aerodynamics, which directly relates to the students' academic curriculum. Additionally, the event allowed students to explore career possibilities in the automotive industry. Representatives from JEEP India shared insights into the challenges and opportunities in automotive engineering, vehicle design, and sustainability initiatives in the industry. This interaction offered students a valuable glimpse into future trends and career paths in automotive engineering, further sparking their interest in the field.

Conclusion and Takeaways The JEEP India car exhibition at Graphic Era

Deemed to be University was a grand success, providing the university community with a practical learning experience about the latest automotive innovations. The event not only highlighted JEEP's cutting-edge technology but also served as an inspiration for students to pursue excellence in automotive engineering. The event bridged the gap between theoretical knowledge and real-world application, igniting a sense of curiosity and excitement among the future engineers of Graphic Era. As technology continues to evolve, the students left the exhibition with a deeper understanding of modern vehicle dynamics, sustainability in automotive design, and the potential impact of their future work in the field.



Week Workshop on Kart Manufacturing and Challenges Faced During Vehicle Manufacturing

Organized by: GEU Motorsports Club
Date: 7th August 2023 – 12th August 2023

Venue: Graphic Era Deemed to be University, Dehradun

The GEU Motorsports Club successfully conducted a 1-week workshop on kart manufacturing from 7th August 2023 to 12th August 2023 at Graphic Era Deemed to be University, Dehradun. The workshop, focused on the challenges faced during vehicle manufacturing, was aimed at providing students with practical, hands-on experience in the world of automotive design and manufacturing.

This engaging and insightful event was attended by enthusiastic students from various engineering branches who share a passion for motorsports and automobile engineering. The workshop was designed to impart knowledge about the intricacies of vehicle construction, troubleshooting, and real-world automotive challenges, while giving students a taste of the technical hurdles they are likely to encounter in their future careers as engineers.

Challenges Faced and Overcome

Throughout the workshop, students encountered several challenges in areas such as:

- **Chassis Alignment:** Ensuring the frame and structure of the kart were both stable and aligned to ensure optimal performance on the track.

- **Engine Troubleshooting:** Addressing common engine issues such as misfiring, overheating, and fuel inefficiency.

- **Steering and Suspension**

Calibration: Ensuring smooth handling and suspension that could withstand the forces on the kart during operation.

Each of these challenges provided valuable lessons in the practical aspects of vehicle troubleshooting, giving students firsthand experience of the complexities of automotive manufacturing.

Conclusion and Takeaways

The workshop was a resounding success, offering participants invaluable knowledge in kart manufacturing, vehicle design, and basic troubleshooting of automobiles. The event not only helped students understand the workings of a vehicle but also prepared them for future challenges they may face in the field of automotive engineering.

By the end of the workshop, students walked away with:

- A clear understanding of the fundamental principles of kart manufacturing.
- Hands-on experience with mechanical systems and troubleshooting.
- Confidence in their skills to design, assemble, and troubleshoot vehicles in the future.

The GEU Motorsports Club is committed to continuing its efforts to inspire and educate future engineers through hands-on learning experiences, and this workshop is just the beginning of many more exciting opportunities to come.





Video Editing Workshop by Papertech Club at Graphic Era Deemed to be University

Date: 9th September 2023

Venue: Department of Mechanical Engineering, Graphic Era Deemed to be University (GEU), Dehradun

On 9th September 2023, the Papertech Club, part of the Department of Mechanical Engineering (ME) at Graphic Era Deemed to be University (GEU), organized an exciting and informative one-day workshop on video editing. The workshop aimed to provide participants with hands-on training and creative insights into the world of video editing, a skill that is increasingly relevant in the digital era. The event was attended by students from various departments, including mechanical engineering, who showed great enthusiasm in learning how to create visually captivating and professional-grade videos. The workshop was tailored to accommodate both beginners and those with intermediate experience in video editing, offering a well-rounded learning experience.

Workshop Highlights

The video editing workshop covered a wide range of essential techniques and tools required for creating high-

quality videos. The session was facilitated by expert instructors and senior members of the Papertech Club, who guided participants through each step of the video editing process.

- **Introduction to Video Editing:** The session began with an introduction to the basics of video editing, where students were familiarized with editing software like Adobe Premiere Pro and DaVinci Resolve. The importance of storytelling through video, along with the technical aspects of video production such as trimming, cutting, and merging clips, was thoroughly explained.

- **Advanced Techniques:** The workshop also delved into more advanced techniques such as color correction, audio enhancement, and transitions. Participants learned how to improve the visual appeal of their footage by adjusting the brightness, contrast, and saturation. The instructors demonstrated how to add music, voiceovers, and sound effects to elevate the overall quality of the video content.

- **Practical Session:** One of the most engaging aspects of the workshop was the hands-on practical session, where students worked in small groups to apply the skills they learned. Participants were provided with raw video clips and tasked with creating their own short video projects. This allowed them to practice real-time editing, experiment with different effects, and receive feedback from the facilitators.

Importance of Video Editing in Engineering

The workshop also emphasized the importance of video editing skills in engineering and other professional fields. From creating technical presentations to producing project demonstrations, video editing is an

invaluable tool for engineers and professionals alike. The ability to present complex information in a concise and visually appealing format is crucial for communicating ideas effectively in today's digital world. The instructors highlighted how video editing can be used to document engineering projects, explain design processes, and showcase the outcomes of practical experiments. Students were encouraged to incorporate these skills into their academic and professional work, as well as to explore creative opportunities such as content creation for social media and digital platforms.

Feedback and Conclusion

The video editing workshop received overwhelming positive feedback from participants. Many students expressed their gratitude for the opportunity to learn such a valuable skill in a hands-on environment. The Papertech Club was praised for its excellent organization and for providing a platform where students could enhance their technical and creative abilities. The workshop concluded with a Q&A session, where participants had the chance to clear their doubts and seek further guidance on video editing techniques. The club members expressed their commitment to organizing similar events in the future, ensuring that students continue to develop skills that will benefit them both academically and professionally. In conclusion, the Video Editing Workshop organized by the Papertech Club was a resounding success, offering students a unique opportunity to expand their skill set in video editing and digital storytelling. It was a day filled with creativity, learning, and collaboration, leaving participants more confident and

inspired to explore the world of visual media.



Engineer's Day Celebration at Graphic Era Deemed to be University

Date: 15th September 2023

Venue: Department of Mechanical Engineering, Graphic Era Deemed to be University (GEU), Dehradun
The Department of Mechanical Engineering at Graphic Era Deemed to be University (GEU) celebrated Engineer's Day on 15th September 2023 to honor the contributions of engineers across the nation and commemorate the birth anniversary of Sir Mokshagundam Visvesvaraya, a pioneer in Indian engineering. The celebration was a perfect blend of learning, creativity, and competitive spirit, with a series of guest lectures, student competitions, and engaging interactions between students and industry professionals. The event saw enthusiastic participation from faculty members and students across all years of the Mechanical Engineering department.

Guest Lectures by Industry Experts

One of the highlights of the day was the guest lecture series featuring prominent industry experts from TATA and SKF India, who shared their vast experience and insights on the evolving landscape of engineering and technology.

- **Industry Expert from TATA:** The speaker from TATA emphasized the role of engineers in shaping the future of the industry. They discussed emerging trends in automotive engineering, focusing on electric vehicles (EVs), sustainable manufacturing, and automation. Students were able to gain valuable insights into the future of the automotive industry and how mechanical engineers can contribute

to creating greener, more efficient transportation solutions.

- **SKF India Representative:** The expert from SKF India provided a fascinating lecture on advanced bearing technologies and their applications in high-performance machinery. They discussed the critical role of precision engineering in sectors such as aerospace, renewable energy, and industrial machinery, offering students a deeper understanding of the importance of innovation in maintaining efficiency and durability in mechanical systems. These lectures provided students with the opportunity to connect with industry leaders and understand the real-world challenges and innovations that are shaping the modern engineering landscape.

Student Competitions: Showcasing Creativity and Innovation

As part of the Engineer's Day celebration, the department organized a series of student competitions that allowed young engineers to display their creativity, problem-solving skills, and technical knowledge.

- Poster Making Competition:

Students participated in a poster-making competition, where they showcased their artistic abilities and engineering concepts. The themes revolved around sustainable engineering practices, technological innovations, and engineering marvels. The competition encouraged students to blend art and engineering, demonstrating how visual communication can be a powerful tool in spreading awareness and ideas.

- **Junkyard Wars:** The Junkyard Wars competition saw students designing and creating mechanical solutions using scrap materials. Teams were tasked with building functional models

or machines using discarded items from the workshop, testing their ability to innovate with limited resources. This competition highlighted the resourcefulness and creativity that are integral to engineering, especially in finding solutions to complex problems with minimal resources.

- **Ideathon:** In the Ideathon, students were invited to propose innovative solutions to real-world engineering challenges. This brainstorming event encouraged students to think outside the box and come up with creative ideas that address societal and industrial problems. Participants worked in teams to develop innovative solutions, which were then presented to a panel of faculty members and industry experts.

A Day of Learning and Inspiration

The celebration concluded with an award ceremony, where the winners of the various competitions were announced and recognized for their efforts. The interaction between students, faculty, and industry professionals was enriching, offering students a glimpse into the practical applications of their engineering education and the myriad career paths available to them.

The Engineer's Day celebration at GEU was not just a tribute to engineers but also an inspiring and motivational event that fostered creativity, innovation, and collaboration among students. The participation of industry experts from TATA and SKF India made the event even more impactful, providing students with invaluable guidance on navigating the future of engineering.

The event was a true reflection of the department's commitment to nurturing the next generation of engineers, equipping them with the

skills, knowledge, and inspiration to drive innovation and make a positive impact on society.



Summit on E-Vehicles at Hotel Saffron Leaf

Date: 28th August 2023

Venue: Hotel Saffron Leaf, Dehradun

On 28th August 2023, the Department of Mechanical Engineering at Graphic Era Deemed to be University (GEU) received an exclusive invitation to attend a prestigious summit on E-Vehicles held at Hotel Saffron Leaf, Dehradun. The event was a platform for students, faculty, industry experts, and innovators to come together and discuss the future of electric vehicles (EVs), a sector that is rapidly transforming the automotive industry. This summit was particularly special as it aligned with the spirit of Engineer's Day, a day dedicated to celebrating the contributions of engineers to society. The students and faculty members from the department of Mechanical Engineering had the unique opportunity to gain firsthand insights from leading professionals in the EV industry, further enhancing their understanding of sustainable and future-forward engineering solutions.

The Summit: Driving the Future of Electric Vehicles

The event kicked off with an inaugural session where prominent speakers from various sectors of the automotive industry discussed the significance of E-Vehicles in today's world. They highlighted the environmental benefits, technological advancements, and the role of innovation in the EV sector. The importance of reducing the carbon footprint through cleaner and greener transportation options was emphasized, showcasing how E-Vehicles are integral to tackling global climate challenges.

Representatives from leading EV manufacturers and automotive component companies provided a

comprehensive overview of the current state of EV technology, as well as the challenges and opportunities that lie ahead. From battery technology advancements to the infrastructure required for charging stations, the summit covered a wide array of topics that painted a clear picture of the future of electric mobility.

Faculty and Student Engagement

The students and faculty members from the Department of Mechanical Engineering at GEU were deeply engaged throughout the event. The summit provided an invaluable opportunity for the students to interact with industry experts, ask questions, and explore the various facets of electric vehicle design, manufacturing, and deployment. For many students, it was a thrilling experience to learn directly from professionals who are shaping the future of sustainable transportation. The faculty members, too, played an active role, participating in panel discussions that revolved around the integration of electric vehicle technology into engineering curricula and the importance of research in the development of more efficient and cost-effective EV solutions. This exchange of ideas between academia and industry professionals was a highlight of the summit, emphasizing the need for collaboration to push the boundaries of innovation.

Key Takeaways from the Summit

The summit was a learning experience on multiple fronts. Some of the key takeaways included:

- Emerging Trends in EV Technology: The summit shed light on the latest technological advancements in battery design, motor efficiency, and charging infrastructure, as well as the role of

artificial intelligence and machine learning in optimizing electric vehicles.

- Sustainability and Environmental Impact: Industry leaders discussed how the widespread adoption of EVs could significantly reduce greenhouse gas emissions, making it a pivotal solution for addressing the global climate crisis.

- Opportunities for Engineers: The event highlighted the numerous career opportunities available for aspiring engineers in the EV industry, from design and manufacturing to research and development.

Looking Ahead

The Engineer's Day Summit on E-Vehicles provided both students and faculty at GEU with a fresh perspective on the evolving world of electric vehicles. It was a day filled with inspiration, learning, and innovation, reinforcing the importance of sustainable solutions in engineering. The knowledge gained from this summit will undoubtedly help students shape their future careers and research endeavors, while the faculty will bring back fresh ideas to incorporate into their teaching and project supervision. The event also strengthened the collaborative relationship between academia and industry, paving the way for future initiatives and joint efforts in pushing the boundaries of electric vehicle technology.

The Department of Mechanical Engineering at GEU is proud to have been part of such an impactful event, and looks forward to more such opportunities that bridge the gap between classroom learning and real-world applications.



Alumni Interaction Session with Mr. Prakhar Srivastava

Date: 17th August 2023

Organized by: Department of Mechanical Engineering, Graphic Era Deemed to be University

On 17th August 2023, the Department of Mechanical Engineering at Graphic Era Deemed to be University (GEU) hosted an exciting Alumni Interactive Session that featured Mr. Prakhar Srivastava, an accomplished alumnus and the Founder & CEO of Raysteeds Group of Companies. The session, focused on the topic "Lean Start-up & Minimum Viable Product/Business," was highly anticipated by students and faculty alike, as it provided an opportunity to gain insights into the entrepreneurial journey of a successful alumnus and learn valuable lessons about building innovative businesses.

The Topic: Lean Start-up & Minimum Viable Product (MVP)

The topic of the session, Lean Start-up & Minimum Viable Product (MVP), is particularly relevant in today's fast-paced and competitive business environment. Mr. Prakhar Srivastava

shared his extensive experience and knowledge of the lean start-up methodology, emphasizing how entrepreneurs can reduce risks, minimize costs, and increase the chances of success by focusing on the essentials of their product or business. The concept of an MVP, as Mr. Srivastava explained, is about developing a product with the minimum features necessary to solve a problem or meet the needs of early adopters. This approach allows start-ups to quickly gather feedback, iterate on their ideas, and refine their product or business model without expending too many resources. This methodology has been embraced by many successful start-ups globally and is a powerful tool for aspiring entrepreneurs who wish to innovate in a cost-effective manner.

Key Highlights of the Session

Mr. Srivastava started the session by recounting his own entrepreneurial journey, highlighting the challenges he faced when starting Raysteeds Group of Companies. His experiences in transforming ideas into viable businesses resonated deeply with the students, many of whom are budding engineers and potential entrepreneurs.

Some of the key points covered in the session included:

- The Importance of Market

Research: Mr. Srivastava stressed the need for thorough market research before launching any business. Understanding customer needs, preferences, and pain points is critical for developing a product that has real demand.

- Testing and Iteration: He discussed the importance of launching a product quickly and testing it with real customers. The feedback from these

early users is invaluable for making improvements and refining the product.

- Cost Management: One of the core principles of the Lean Start-up is managing costs effectively. Mr. Srivastava explained how entrepreneurs can minimize waste by focusing only on the essential features of the product, avoiding unnecessary expenses.

- Resilience and Adaptability:

Entrepreneurship is fraught with uncertainty, and Mr. Srivastava emphasized the importance of staying adaptable and resilient. He encouraged students to embrace failures as learning opportunities and continue refining their ideas.

Interactive Engagement with Students

The session was not just a lecture but an interactive discussion where students were encouraged to ask questions and engage with Mr. Srivastava directly. Many students, inspired by the topic, inquired about the practical aspects of implementing the MVP strategy, such as how to determine the right features to include in an MVP, how to gather meaningful customer feedback, and how to pivot when necessary.

Mr. Srivastava provided real-world examples from his own experience to answer these questions, making the discussion both relatable and informative. He also offered insights into how engineers can leverage their technical skills to create innovative solutions that meet real-world demands.

Conclusion

The Alumni Interaction Session with Mr. Prakhar Srivastava was an overwhelming success, leaving students and faculty members with

invaluable knowledge about entrepreneurship, lean start-ups, and MVP strategies. It was an inspirational and educational experience that encouraged students to think critically about how they can transform their ideas into viable businesses. The Department of Mechanical Engineering at Graphic Era Deemed to be University takes immense pride in its alumni and is committed to fostering continued engagement between current students and successful alumni like Mr. Srivastava. Sessions like this not only inspire but also equip students with the tools and knowledge they need to navigate the world of innovation and entrepreneurship successfully. We look forward to organizing more such sessions in the future, ensuring that our students remain well-prepared for the challenges and opportunities that lie ahead in their professional journeys.



Department of
Mechanical Engineering



TOPIC

**"Lean Start-up
& Minimum Viable
Product/Business"**

17 Aug 2023 **01:00PM ONWARDS**

M1, ME Block, Graphic Era
(Deemed to be University)



Mr. Prakhar Srivastav
Founder & CEO,
RAYSTEEDS GROUP OF COMPANIES
Alum - Class of 2016

Industrial Visit to Valley Iron & Steel Co. Ltd.

Date: 6th September 2023

Organized by: Department of Mechanical Engineering, Graphic Era Deemed to be University (GEU)

On the 6th of September 2023, an educational excursion was organized for the 3rd and 5th semester students of the Department of Mechanical Engineering at Graphic Era Deemed to be University (GEU). The destination for this industrial visit was Valley Iron & Steel Co. Ltd., a renowned stainless steel manufacturing plant located at Rampur Majari, Himachal Pradesh. This visit aimed to provide students with practical exposure to the stainless steel production processes and to enhance their understanding of various industrial operations that play a key role in modern engineering.

Objective of the Visit

The primary objective of this industrial visit was to bridge the gap between theoretical knowledge and real-world industrial practices. As part of the Mechanical Engineering curriculum, students learn about different materials, manufacturing processes, and their applications. However, practical exposure to the industry allows students to gain valuable insights into the functioning of large-scale production units, fostering a





deeper understanding of the engineering principles they learn in the classroom. This excursion was designed to help students experience the actual working environment of a stainless steel manufacturing facility and to observe various stages of production.

Experience at Valley Iron & Steel Co. Ltd.

Upon arrival at Valley Iron & Steel Co. Ltd., the students were warmly welcomed by the management and staff of the company. They were given a brief introduction to the history, achievements, and operations of the plant. The company representatives explained the significance of stainless steel in various industries, its properties, and the demand for high-quality steel in sectors like automotive, construction, aerospace, and more. The visit began with a detailed tour of the plant's production facilities, where students observed the complete production process of stainless steel. The tour was conducted by experienced engineers who guided the students through each stage of manufacturing, starting from the raw material handling to the final rolling and finishing processes.

Key Learnings

Throughout the visit, the students were exposed to various technological advancements and engineering practices used in the production of stainless steel. Some of the key insights gained during the visit included:

- **Material Processing:** Students observed the process of melting, casting, and rolling stainless steel, which involved high temperatures and precision handling to ensure the quality and durability of the product.

- **Quality Control:** The importance of maintaining strict quality control standards was emphasized. Students learned about the testing procedures used to ensure that the stainless steel produced met industry standards and customer specifications.

- **Sustainability Practices:** The students were also informed about the sustainability measures taken by the plant to reduce waste and minimize the environmental impact of production. This was particularly relevant in light of the increasing emphasis on sustainable engineering practices.

- **Safety Protocols:** The visit highlighted the importance of workplace safety in industrial settings. The students observed the plant's safety protocols and learned about the protective gear and procedures required to ensure the safety of workers in a manufacturing environment.

Conclusion

The industrial visit to Valley Iron & Steel Co. Ltd. was an enriching experience for the students of the Department of Mechanical Engineering. It provided them with valuable practical insights into stainless steel production and the operational challenges faced by large-scale industries. The visit also reinforced the importance of quality control, sustainability, and safety in industrial operations. Such excursions play a crucial role in enhancing the educational experience by offering students a glimpse into the real-world applications of their academic studies. The Department of Mechanical Engineering at Graphic Era Deemed to be University remains committed to providing its students with similar opportunities to help them become well-rounded engineers,

equipped with both theoretical knowledge and practical experience. The students returned from the visit with a newfound appreciation for the complexities of industrial operations and the importance of their chosen field in shaping modern industries.



Mr. Prashant Singh

Principal, G.E.D.

Graphic Era Deemed to be University

Founded by Prof. Kamal Ghanshala in 1997, Graphic Era (Deemed to be University) has grown immensely. As the Best University in Dehradun, we offer a high-quality education and a nurturing environment that encourages innovation, fosters critical thinking, and prepares you for the future. To offer a world-class education that focuses on cutting-edge technology, student professional development, critical thinking, and high-quality research. Graphic Era (Deemed to be University), India's premier university, has accomplished countless milestones in its illustrious history thanks to its academic rigor, continuously top-performing students and alumni, and a very strong and competent teaching faculty.

It has been proven beyond reasonable doubt that Graphic Era is among the top-notch universities in India as our University has featured in the Top 100 Universities of India, in the coveted National Institutional Ranking Framework established by the Government of India, for the past five years consecutively, with the rankings growing each year across varied domains.

Graphic Era (Deemed to be University) is located in the lovely and quiet city of Dehradun, tucked in a valley bounded by Rajaji National Park on one side and Clement Town Cantonment on the other. Graphic Era (Deemed to be University), the premier University in Uttarakhand, prioritises overall student development.

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- Head of the Department, Mechanical Engineering

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