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Department of Mechanical Engineering

Date: 2nd February, 2026

Notice

All the faculty members, staff, and students of the Mechanical Engineering Department are hereby informed that a Guest Lecture on ‘**Career Opportunities After Diploma Program**’ will be organized on **4th February 2026** at **02:00 PM to 04:00 PM** in Visvesareya Seminar Hall, **IIMT College of Polytechnic, Greater Noida**.

The following responsibilities have been assigned for smooth conduct of the puja:

- **Creative** – Mr. Girjesh Kumar (Lecturer)
- **Cleaning, Projector and sound system**– Mr. Girjesh Kumar (Lecturer)
- **Momento** – Mr. Avinash Kumar Pandey (Lab Technician)

In addition, all faculty members and students of the department will actively participate and contribute in the preparation of this activity to ensure its successful organization.

Tribhuwan Singh

HOD-ME

IIMT College of Polytechnic

Greater Noida

Guest Lecture Report

1. Title of the Event: “**Guest Lectures on “Career Opportunities After Diploma Program”**”

2. Date & Time: **4th February 2026 | 2:00 PM – 4:00 PM**

3. Venue of the event:

Vishvesharya Hall, Ground Floor

IIMT College of Polytechnic, Greater Noida

4. Organizing Departments

Department of Mechanical Engineering

5. Resource Person

Mr. Sandeep Taparia

Business Head

Nicotra Gebhardt India

6. Objective of the Guest Lectures

The primary objective of organizing the guest lecture was to bridge the gap between academic learning and real-world industry practices by providing diploma engineering students with direct exposure to experienced industry professionals. The session aimed to create awareness among students about diverse career opportunities available after completion of a diploma program, particularly in core engineering sectors such as HVAC, Electro-Mechanical systems, and industrial utilities.

In addition, the session sought to sensitize students towards **environmental responsibility and sustainable development** by highlighting the impact of engineering activities on climate change and the role of engineers in adopting energy-efficient, eco-friendly, and sustainable practices.

7. Creative of the Event



The poster features the IIMT logo at the top, followed by the text 'Department of Mechanical Engineering(Production) & Department of Mechanical Engineering(Maintenance)'. Below this, it says 'Jointly Organising A GUEST LECTURE ON "CAREER OPPORTUNITIES AFTER DIPLOMA PROGRAM"'. A photo of Mr. Sandeep Taparia is shown on the left. To the right, it identifies him as 'Guest Speaker', 'Mr. Sandeep Taparia', 'Business Head', and 'Nicotra Gebhardt, India'. The event is scheduled for '4th February 2026 | 2 PM - 4 PM' at 'Vishvesharya Hall, Ground Floor'. At the bottom, there is a website link 'www.iimtindia.net' and social media icons for Instagram, Facebook, X, and YouTube.

8. About the Guest Lecture

The Departments of Mechanical Engineering (Production) and Mechanical Engineering (Maintenance) at IIMT College of Polytechnic, Greater Noida, jointly organized a guest lecture program with the objective of enhancing students' industry exposure and overall awareness beyond the regular curriculum. The event was organized to provide diploma engineering students with valuable insights into professional career opportunities and emerging global challenges related to sustainability.

The guest lecture program began with a warm welcome by **Prof. Umesh Kumar**, Director of the Institute, who welcomed the distinguished speakers as Guests of Honour. In recognition

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of their valuable time and contribution, the Director presented mementos to the resource persons as a token of appreciation.



9. Details of the Guest Lecture

Mr. Sandeep Taparia delivered an insightful session focusing on career prospects available to diploma students in core engineering industries, particularly in the **HVAC and Electro-Mechanical sectors**. He explained the rapid growth of the HVAC industry in India due to urbanization, infrastructure development, climate change, and increased demand for indoor air quality and energy-efficient solutions.

The speaker highlighted that HVAC systems are now a necessity in residential buildings, hospitals, malls, data centers, industries, metro stations, and smart cities. He discussed major HVAC products such as AHUs, chillers, VRF systems, EC fans, smoke extraction fans, and ducting systems.

He also elaborated on future trends including smart HVAC systems, IoT and AI-based controls, green buildings, energy-efficient technologies, and global job opportunities.

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Valuable guidance was provided to students regarding skill development, certifications, internships, and career planning after diploma.



Dr. Ruchi Grover, PhD (IIT Bombay), Founder – Oxycoats delivered a highly informative and thought-provoking lecture on climate change and sustainability. She explained climate

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change using a structured **six-point framework**, covering what climate change is, why it is happening, who is responsible, when corrective action is required, how it can be corrected, and what individuals can do.

The session emphasized the impact of excessive consumption of fossil fuels, rising carbon emissions, global warming, and extreme climatic events. Dr. Grover stressed that climate correction is possible only through reduced consumption, sustainable lifestyles, and individual responsibility.

She introduced practical climate action frameworks such as responsible travel, cautious purchasing, efficient energy usage, and adoption of renewable energy solutions. The lecture encouraged students to actively contribute towards environmental protection and sustainable development.





10. Student Participation and Interaction

Both sessions were highly interactive. Students actively participated by asking questions related to career opportunities, industry requirements, skill development, sustainability, and climate action. The speakers addressed all queries effectively and motivated students to think beyond academics.

11. Outcomes of the Event

- Enhanced awareness about **career opportunities after diploma**
- Exposure to **industry trends and emerging technologies**
- Motivation towards **skill development and professional certifications**
- Increased understanding of **climate change and sustainability**
- Encouragement among students to adopt **responsible and eco-friendly practices**

12. Conclusion

The guest lecture program was a great success and proved to be highly beneficial for the students. It effectively combined **career guidance with social and environmental responsibility**. The institute expressed sincere gratitude to both resource persons for sharing their valuable knowledge and experiences. Such initiatives contribute significantly to the holistic development of diploma engineering students.

Acknowledgement

We express our sincere gratitude to our respected Director Sir, **Prof. Umesh Kumar**, for their continuous support and encouragement in organizing the Guest Lecture on “**Career Opportunities After Diploma Program**” held on **04/02/2026**.

We extend our heartfelt thanks to the distinguished speaker, **Mr. Sandeep Taparua**, Business Head, Nicotra Gebhardt India for sharing valuable insights and enriching the knowledge of our students.

We would also like to thank Mechanical Engineering faculty members, staff, and students for their active participation and cooperation, which contributed to the successful organization of this event.

Prepared by:
Mr. Girjesh Kumar
Event Coordinator & Lecturer
Department of Mechanical Engineering

Approved by:
Head of Department
Department of Mechanical Engineering
IIMT College of Polytechnic, Greater Noida

DEPARTMENT OF MECHANICAL ENGINEERING

Title of the event:

Guest lecture on “ *Research Paper Writing and Publication in Reputed Journals* ”.

Objective:

The objective of this lecture was to provide insights into effective research paper writing, familiarise participants with the publication process and reputed journals, and motivate them to pursue quality research that needs international standards.

Creative of Event:



About the event:

The Department of mechanical engineering organised a guest lecture on “*Research Paper Writing and Publication in Reputed Journals*” which was presented by **Mr. Ajay Sharma** on **24th September 2025** in **Vishveshwarya Hall, IIMT College of Polytechnic, Greater Noida.**

- The session provided insights into writing and structuring high-quality research papers with academic integrity.
- Participants gained knowledge about journal selection, peer-review, and the overall publication process.
- The lecture highlighted common challenges in research writing and shared strategies for successful acceptance.

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- It aimed to inspire students and faculty to contribute impactful research to reputed journals and enhance the research culture.

Speaker details:

Name: Mr. Ajay Sharma

Designation: Dean, R&D Department

Institution: IIMT College of Polytechnic

Email: deanrndpoly_gn@iimtindia.net

Outcome:

- Participants understood the fundamentals of effective research paper writing and the importance of following ethical practices.
- They gained clarity on the process of selecting the reputed journals and navigating the peer review system.
- Lecture enhanced awareness about common mistakes in research writing and ways to improve the chances of publication.
- Faculty and students were motivated to engage in quality research and contribute to reputed national and international journals.

Geo-tagged photographs:





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REPORT ON THE EXPOSURE AND FIELD VISIT FOR PROBLEM IDENTIFICATION

Title of the Event: Exposure and Field Visit For Problem Identification at KPS Forge (India) Pvt. Ltd.

Objectives: The objective of the **Exposure and Field Visit for Problem Identification at KPS Forge (India) Pvt. Ltd.** was to:

1. Enhance Industrial Exposure:

- Provide students with firsthand experience of real-world manufacturing processes.
- Familiarize them with industry standards, machinery, and operational workflows.

2. Develop Problem-Solving Skills:

- Encourage students to observe, analyze, and identify potential inefficiencies or challenges in the production environment.
- Foster a critical thinking approach to problem-solving in industrial settings.

3. Bridge the Gap Between Theory and Practice:

- Allow students to relate their academic knowledge to practical applications in the forging industry.
- Strengthen their understanding of core concepts through direct interaction with professionals.

4. Understand Quality Control and Safety Measures:

- Expose students to quality assurance practices and industrial safety protocols.
- Help them recognize the significance of precision, efficiency, and workplace safety in a production setup.

5. Promote Innovation and Process Optimization:

- Inspire students to explore innovative solutions for improving efficiency, reducing waste, and enhancing productivity.
- Encourage discussions on technological advancements and their impact on manufacturing processes.

6. Foster Industry-Institute Collaboration:

- Strengthen ties between academic institutions and the industry by facilitating direct engagement with industry experts.
- Open pathways for potential internships, research collaborations, and career opportunities.

Creative:



The poster features logos for NBA (National Board of Accreditation), IIC (Institution's Innovation Council), and IIMT (College of Polytechnic, Greater Noida). The main text reads: 'Department of Mechanical Engineering is organizing EXPOSURE AND FIELD VISIT FOR PROBLEM IDENTIFICATION At KPS Forge (India) Pvt. Ltd. Venue: KPS Forge (India) Pvt. Ltd. Ghaziabad. 26th March, 2025 10:00 AM Onwards. Coordinator: Mr. Amit Kumar (Sr. Lecturer ME-P)'. Social media handles for IIMT and IIC are listed at the bottom.

About the Event:

Date of Event	:	26 th March 2025
Mode	:	Offline
No. of Students	:	27
No. of Faculties	:	03
Venue	:	KPS Forge (India) Pvt. Ltd., Ghaziabad
Time	:	10:00 am Onwards.
Faculty Coordinator	:	Mr. Amit Kumar (Senior Lecturer, ME-P)

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The **Exposure and Field Visit to KPS Forge (India) Pvt. Ltd.** provided students with a valuable opportunity to gain insights into industrial manufacturing processes, particularly in the forging sector. The visit aimed to bridge the gap between theoretical learning and practical application by immersing students in a real-time production environment.

- **Company Overview and Orientation:**

The visit began with an introductory session where company representatives provided an overview of KPS Forge, its product line, and its significance in the industry. The discussion covered the company's core manufacturing processes, key clients, and adherence to international quality standards.

- **Guided Tour of Production Units:**

Students were taken through various sections of the plant, where they observed the forging process, machining, heat treatment, and quality control stages. They were given insights into the function and operation of specialized machinery used in forging.

- **Identification of Challenges and Process Bottlenecks:**

During the visit, students were encouraged to closely examine workflow efficiency, raw material handling, energy consumption, and waste management practices. They identified potential challenges such as process inefficiencies, maintenance issues, or scope for automation in certain areas.

- **Interaction with Industry Experts:**

Professionals from the company engaged with students, answering queries and providing technical insights. They shared experiences about problem-solving in manufacturing and discussed industry trends, automation, and advancements in forging technology.

- **Practical Learning and Observations:**

Students recorded observations on process optimization, material handling, and workplace safety. They noted how theoretical concepts such as thermodynamics, metallurgy, and mechanical properties of materials were applied in real-world scenarios.

- **Concluding Session and Feedback:**

The visit concluded with a discussion where students presented their key takeaways and shared suggestions for possible improvements. Industry professionals provided feedback, encouraging students to think critically about industrial challenges and explore innovative solutions.

Outcomes:

1. Deeper Understanding of Industrial Processes:

Students gained practical exposure to forging techniques, machining operations, and quality control procedures.

2. Development of Analytical and Problem-Solving Skills:

The visit encouraged students to critically analyze production workflows and identify areas for process improvement.

3. Improved Awareness of Industrial Challenges:

Participants observed real-world challenges such as energy efficiency, material optimization, and production bottlenecks.

4. Strengthened Link Between Theory and Application:

Students recognized the relevance of engineering concepts in solving real-time industrial problems.

5. Enhanced Knowledge of Safety and Quality Standards:

Exposure to workplace safety protocols and quality control measures highlighted the importance of precision and compliance in manufacturing.

6. Inspiration for Innovation and Career Growth:

Many students expressed a heightened interest in exploring career opportunities in manufacturing and industrial problem-solving.

7. Potential for Future Collaboration:

The visit opened avenues for potential research projects, internships, and industry-academic partnerships.

The **Exposure and Field Visit at KPS Forge (India) Pvt. Ltd.** proved to be an enriching experience that broadened students' industrial perspectives and problem-identification skills. By engaging with real-world manufacturing challenges, they developed a deeper appreciation for process optimization and innovation in engineering. The insights gained from this visit will contribute significantly to their professional growth, fostering a mindset geared toward efficiency, problem-solving, and technological advancement in industrial settings.

Photographs



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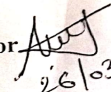




Attendance

IIMT College of Polytechnic, Greater Noida
Department of Mechanical Engineering
Industry Visit at KPS Forge (India) Pvt. Ltd. Ghaziabad (Date: 26.03.2025)

Sr. No.	Enrollment No.	Name of Student	Email ID	Signature
01	E22157034300080	Sushil Kumar (3 rd year)	sushil.k762020@gmail.com	Sushil
02	E22157034300078	Nitin Kumar (3 rd year)	nitin.kumar.nk.7838@gmail.com	Nitin
03	E22157034300058	Sachin (3 rd year)	sachin.k.88246@gmail.com	Sachin
04	E22157034300057	Anuj Yadav (2 nd year)	yadav.anuj.csc@gmail.com	Anuj
05	E22157034300068	Anuj Choudhary (2 nd year)	anujck411@gmail.com	Anuj
06	E22157034300040	Yogendra Kumar Thakur	yogendra.thakur.441@gmail.com	Yogendra
07	E22157034500025	Ruhana Dhara	dhara.ruhana@gmail.com	Ruhana
08	E22157034500034	Suryadev	suryadev86@gmail.com	Suryadev
09	E22157034500027	SAMEER KUMAR	SK1177kumar@gmail.com	Sameer
10	E23157034300004	Samar Kumar	samar.k.15103@gmail.com	Samar
11	E23157038600002	Sagar Kumar	sagar.kumar.989904476@gmail.com	Sagar
12	E23157038600001	Abhishek Kumar	rajabhishek0208@gmail.com	Abhishek
13	E22157034500001	Ankit Mishra 3 rd year	ankit.mishra.8554@gmail.com	Ankit
14	E23157034300018	Akash 2 nd year	nagavakash354@gmail.com	Akash
15	E23157034500003	Mayank Singh 2 nd year	mayank.singh.7959@gmail.com	Mayank
16	E23157034500008	Dhruv Kumar	dhruv.kumar.9752@gmail.com	Dhruv

Coordinator 
26/03/2025


HOD-ME



IIMT College of Polytechnic, Greater Noida
Department of Mechanical Engineering
Industry Visit at KPS Forge (India) Pvt. Ltd, Ghaziabad (Date: 26.03.2025)

Sr. No.	Enrollment No.	Name of Student	Email ID	Signature
17	E23157034500004	SOM SHARMA 2 nd year	Somsharmadadahi@gmail.com	<i>Som</i> 704098 5802
18	E23157034300008	Gaurav	gaurav1860@gmail.com	<i>Gaurav</i>
19	E23157034300009	Munna Kumar		<i>Munna</i>
20	E23157034300005	Ashish Mishra	ashishmishrapawan@	<i>Ashish</i>
21	E23157038800003	Mohammed Sahid	mohd.sahid704@gmail.com	<i>Sahid</i> 9935492004
22	E22157034500047	Aditya Kumar Yadav	kumaaditya709@gmail.com	<i>Aditya</i> 9457079464
23	E22157034500042	Fawaz Khan	fawazkhan14@gmail.com	<i>Fawaz</i> 9595438892
24	E23157034300030	Umakant Yadav	Umakant512@gmail.com	<i>Umakant</i>
25	E24157038800003	Shashikant Singh	Shashikant.singh.3041@gmail.com	<i>Shashikant</i>
26	E23157034300028	Priyanshu Kumar	Priyanshusin524@gmail.com	<i>Priyanshu</i>
27	E23157038800001	Pankaj Maurya (3 rd year)	papankajmauryavanshi@gmail.com	<i>Pankaj</i>

Coordinator *[Signature]*
26/03/25

[Signature]
HOD-ME

Activity Report on online guest lecture on “How to Plan for Start-up and legal & Ethical Steps”

Objective: The objective of the online guest session on *"How to Plan for Start-up and Legal & Ethical Steps"* was to equip aspiring entrepreneurs with essential knowledge on business planning, legal compliance, and ethical practices. The session aimed to provide insights into start-up fundamentals, company registration, tax regulations, intellectual property rights, and responsible decision-making. It also sought to help participants understand risk management and engage with an industry expert for practical guidance on overcoming start-up challenges.

Creative:



NBA
NATIONAL BOARD
OF ACCREDITATION
Polytechnic - Electrical Engineering
Mechanical Engineering (ME)

IIC-IIMT
INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of Education Initiative)

IIMT
COLLEGE OF POLYTECHNIC
Greater Noida
— Aim For Excellence —

Institution's Innovation Council (IIC -IIMT) & Department of Mechanical Engineering

Jointly Organizing
Session on

How to Plan for Start-up and Legal & Ethical Steps

Resource Person

Mr. Roshan Kisan Bonde
Assistant Professor
Innovation Ambassador, Convener and Member of
Institute innovation Council
Dr. Babasaheb Ambedkar Technological University
Lonere Raigad Maharashtra.

Mode Online
Smart Classroom

Google Meet

Faculty Co-ordinator
Prashant Sharma
(Lecturer, MEP)

04/MARCH/2025
11.00 AM Onwards

www.iimtindia.net | [@iic.iimt.poly](https://www.instagram.com/iic.iimt.poly) | [@iic_iimt](https://www.facebook.com/iic_iimt) | [@IIC-IIMT-Polytechnic](https://www.youtube.com/channel/UCIIC-IIMT-Polytechnic) | [@iimtGroupofColleges](https://www.facebook.com/iimtGroupofColleges)

About the Event: Department of Mechanical Engineering & Institution's Innovation Council (IIC) jointly organised an online guest session on *"How to Plan for Start-up and Legal & Ethical Steps"* on 04/03/2025 to provide aspiring entrepreneurs with insights into the essential aspects of launching a business, legal compliance, and ethical considerations.

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Resource Person –Mr. Roshan Kisan Bonde (Assistant Professor ,Innovative Ambassador)

Date of Event-04/03/2025

Numbers of Students- 36

Mode of Event-Online

Venue-Smart Class ,Room No-203

TIME –11:00 AM Onwards

Faculty Coordinator-Mr. Prashant Sharma

Key Highlights

- Business Planning:** Key elements of a successful startup, including market research, business model development, and financial planning.
- Legal Considerations:** Company registration, tax obligations, intellectual property rights, and necessary licenses.
- Ethical Aspects:** Business transparency, corporate social responsibility, and ethical decision-making.
- Q&A Session:** Participants engaged actively with the speaker, asking relevant questions about startup challenges and legal hurdles.

Outcome

The online guest session provided valuable insights into business planning, legal compliance, and ethical considerations for aspiring entrepreneurs. Participants gained a clear understanding of start-up fundamentals, including market research, financial planning, and risk management. The session emphasized the importance of legal aspects such as company registration, tax regulations, and intellectual property rights.

Additionally, ethical business practices, corporate transparency, and responsible decision-making were highlighted. The interactive Q&A session allowed attendees to seek expert guidance on real-world challenges. Overall, the session empowered participants with practical knowledge and motivation to take informed steps toward establishing and managing their start-ups successfully.

Conclusion

The session successfully equipped aspiring entrepreneurs with essential knowledge on business planning, legal compliance, and ethical business practices. The interactive discussions and expert insights motivated participants to take well-informed steps toward their start-up journeys

Glimpses:





Industry Visit Report

Objective: The objectives of the visit are

1. To understand the key operations and workflows in the company.
2. To identify any operational or management challenges.
3. To assess how theoretical knowledge applies to real-world industry practices.
4. To gain insights into how technology is being used in the company.
5. To identify any safety, environmental, or employee well-being concerns.

DATE OF EVENT: - 3rd October 2024

NO. OF STUDENTS: - 30

NO. OF FACULTIES: - 01

VENUE: - Kisaan Die Tech Pvt. Ltd., Ghaziabad

TIME: - 10:00 am Onwards.

FACULTY CO-ORDINATOR: - Mr. Kamal Kishor Sharma, (Senior Lecturer)

Creative:



The poster features logos for NBA (National Board of Accreditation), Institution's Innovation Council (Ministry of Education Initiative), and IIMT College of Polytechnic Greater Noida (Aim For Excellence). The text reads: 'Department of Mechanical Engineering (Maintenance) is organizing EXPOSURE AND FIELD VISIT FOR PROBLEM IDENTIFICATION At KISAAN DieTech Venue: Kisaan Die Tech Pvt. Ltd., Industrial Area Ghaziabad. Thursday, 3rd October, 2024 | 10:00 AM Onwards. Coordinator Mr. Kamal Kishor Sharma (Sr. Lecturer ME-M). Social media handles: www.iimtindia.net, @iic.iimt.poly, @iic_iimt, @IIC-IIMT-Polytechnic, @iimtGroupofColleges.

Observations during the Visit

Describe your experience in detail, including key activities and processes you observed. You can break this into subsections if needed:

- **Production Processes:** Explain the key steps in production or service delivery that were observed.
- **Workflow and Operations:** Detail how different departments work together and highlight any visible bottlenecks.
- **Safety Measures:** Evaluate the safety protocols in place for workers or visitors.
- **Interaction with Employees:** Share any insights gained through discussions with staff about their day-to-day challenges.

Problem Identification

This section is the core of your report. Identify key issues based on your observations:

- **Production Delays or Bottlenecks:** Mention if certain stages in the process slow down the overall workflow.
- **Quality Issues:** If there were any noticeable quality control problems, describe them.
- **Technological Inefficiencies:** Highlight any outdated or inefficient machinery, software, or technologies.
- **Employee Concerns:** Note any worker dissatisfaction or inefficiency caused by lack of training or other human resource challenges.
- **Safety Gaps:** Highlight any potential hazards or weak areas in safety protocols.

Photographs:



Ref. No: IIMTCOP/ME-M/2024-25/ODD/EVENTS /01

Date: 18.09.2024

NOTICE

SUBJECT: REGARDING GUEST LECTURE

This is for information to all the students of Mechanical Engineering, IIMT College of Polytechnic, Greater Noida that a guest Lecture is being organized by department of Mechanical Engineering on 20th, Sept, 2024. So all the students are advised to attend the guest lecture as per the schedule.

S.No.	Date & Day	Time	Coordinator	Venue
1	20/09/2024 & Friday	11.00 noon Onwards	Mr. Vishnu Singh, Lecturer	Vishveshwarya Hall

Mr. Zakir Ali Hyderi
HOD- ME

CC:

1. Director Office
2. Prof. In-charge (R&D)

**REPORT ON SESSION ON ANGEL INVESTMENT/VC FUNDING
OPPORTUNITY FOR EARLY – STAGE ENTREPRENEURS.**

**TITLE OF THE EVENT: Session on Angel Investment/VC Funding
Opportunity For Early – Stage Entrepreneurs.**

Objective:

The objective of a session on Angel investment/VC funding opportunity for early – stage entrepreneur’s event is to:

1. **Educate Entrepreneurs:** Provide information on the fundamentals of angel investment and venture capital, including how these funding sources operate and what investors are seeking in startups.
2. **Demystify the Funding Process:** Explain the steps involved in securing investment, such as preparing a compelling pitch, understanding term sheets, and navigating due diligence.
3. **Foster Networking Opportunities:** Facilitate connections between early-stage entrepreneurs and potential investors, creating a platform for relationship-building and future funding opportunities.
4. **Share Success Stories and Lessons Learned:** Showcase case studies or testimonials from entrepreneurs who have successfully secured funding, highlighting key strategies and pitfalls to avoid.
5. **Clarify Investor Expectations:** Help entrepreneurs understand what angel investors and VCs expect in terms of equity, involvement in business operations, and exit strategies.
6. **Provide Strategic Insights:** Offer insights on current trends in the venture capital and angel investment space, helping entrepreneurs align their pitches with market demands.
7. **Inspire Confidence:** Motivate entrepreneurs by showing them how investment can accelerate growth, and how to confidently approach investors with their business ideas.

Creative



The poster features logos for NBA (National Board of Accreditation), Institution's Innovation Council, and IIMT College of Polytechnic Greater Noida. It is organized by the Department of Mechanical Engineering (Maintenance). The event is a Guest Lecture on Angel Investment/VC Funding Opportunity for Early Stage Entrepreneur, featuring Dr. Amit Rai as the guest speaker. Dr. Rai is the Dean of Academics, Quality Assurance & Accreditation (IGAA) at IIMT College of Management, Greater Noida, and is also associated with H.O.I.C. and the ATIL Genesis of Mentor India, ATIL Innovation Mission (AIM), and NITI AAYOG. The faculty coordinator is Mr. Vishnu Singh (Lecturer). The event will be held at Vishveshwarya Hall on 20th Sept., 2024, starting at 11:00 AM onwards. Social media handles for IIMT are provided at the bottom.

About Event:

The session on angel investment/vc funding opportunity for early – stage entrepreneurs, is an event aimed at providing entrepreneurs, startups, and innovators with a platform to showcase their business ideas, receive valuable feedback, and connect with mentors and industry experts. The event typically includes:

Name of Speaker	:	Dr. Amit Rai
Mode	:	Offline
No. of Students	:	58
No. of Faculties	:	15
Timing of Event	:	11:00 am onwards

Outcome of the Event:

The outcome of the session on angel investment/vc funding opportunity for early – stage entrepreneur’s event includes:

- 1. Increased Understanding of Funding Processes:** Entrepreneurs gain a clearer understanding of how angel investment and venture capital funding works, including the steps needed to secure investment.
- 2. Actionable Steps for Securing Investment:** Attendees leave with practical guidance on how to create compelling pitches, prepare business plans, and approach investors.
- 3. Connections with Potential Investors:** Entrepreneurs have the opportunity to network with angel investors, venture capitalists, and other key players in the investment ecosystem, potentially leading to future funding discussions.
- 4. Improved Investor Readiness:** Early-stage entrepreneurs gain insights into what investors look for in startups, improving their readiness to engage with investors and increasing their chances of securing funding.
- 5. Clarity on Expectations and Terms:** Entrepreneurs better understand what to expect from investors in terms of equity, control, and exit strategies, helping them make informed decisions during negotiations.
- 6. Enhanced Confidence and Motivation:** By learning from experts and hearing success stories, entrepreneurs gain confidence in their ability to secure investment and grow their business.
- 7. New Knowledge on Industry Trends:** Entrepreneurs acquire up-to-date knowledge on trends in angel investing and venture capital, enabling them to position their startups strategically within the market.

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- Potential Follow-Up Meetings or Pitch Opportunities:** The event may lead to follow-up meetings or opportunities for entrepreneurs to pitch directly to investors, helping them take the next step toward funding.

Photographs





Faculty Coordinator

Vishnu Kumar Singh

Lecturer ME

Department of Mechanical Engineering

Date: 18.03.2024

Industrial Visit Report

Sub: Industrial visit at “Sofcon India Pvt. Ltd.,B-5 Sector 2, Noida.

ME Faculty Members went for visit: Mr. Sanjay Kumar Mavi

Mr. Kamal Kishor Sharma



The poster features the IIMT logo and the text: 'Department of Mechanical Engineering (Maintenance) is Organizing INDUSTRIAL VISIT Date - 18th March 2024 | Time - 10:00 AM Onwards'. It also includes the Sofcon India Pvt. Ltd. logo and contact information for the Faculty Co-ordinator, Mr. Sanjay Kumar Mavi, Sr. Lecturer ME(M). Social media handles for IIMT are listed at the bottom.

The industrial visit was held on 18th March, 2024. Initially, there was an oral presentation on the domestic and global opportunities for the diploma students & various other aspects of the Mechanical industry in India & abroad. There were eminent personalities like Mrs. Jaya Nitesh and Mr. Rajesh Singh, who graced the occasion with their presence.

They also shed light on the various policies & steps taken in the direction to flourish the mechanical industry & make it compete with the international market.

Thereafter at 11:20 AM we divided two groups of students were taken to the industrial automation working of pneumatic and hydraulic system, Industry requirements on terms of technical skill one by one. Company was involved in training of different courses related to Mechanical design engineering and piping design drafting.

At our industrial visit students were able to learn about the following points:

- Introduction of Mechanical design engineering.
- Working of Hydraulic and Pneumatic pipe its feature.
- Safety norms for industry work.
- 5S for Housekeeping.

At around 1.35 pm visit was over and we left for college.

IIMT

COLLEGE OF POLYTECHNIC
Greater Noida



— Aim For Excellence —

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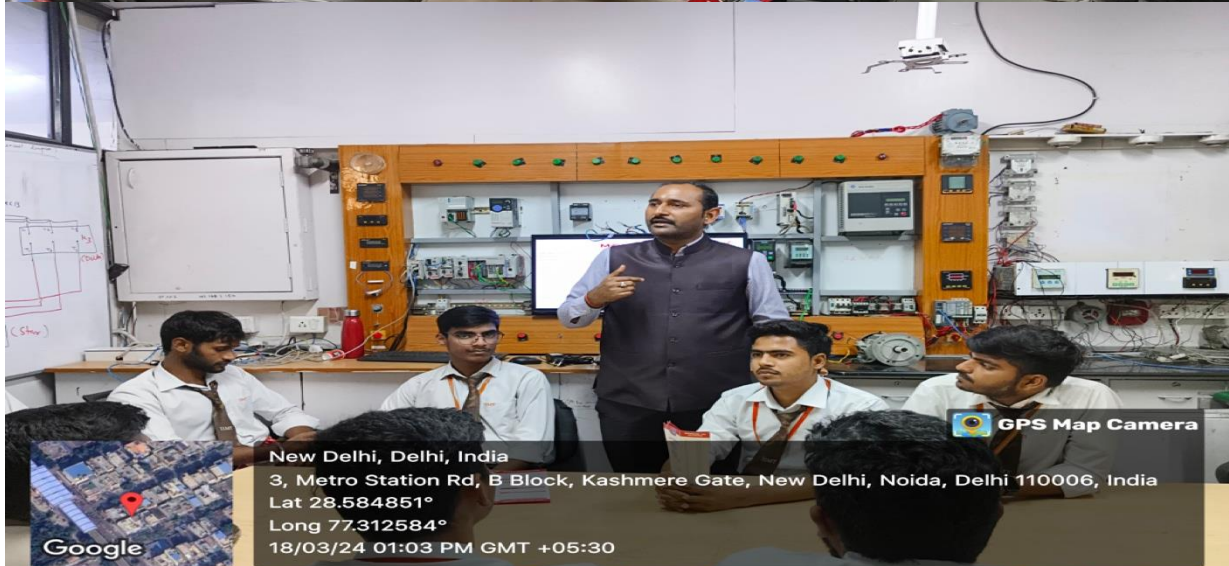
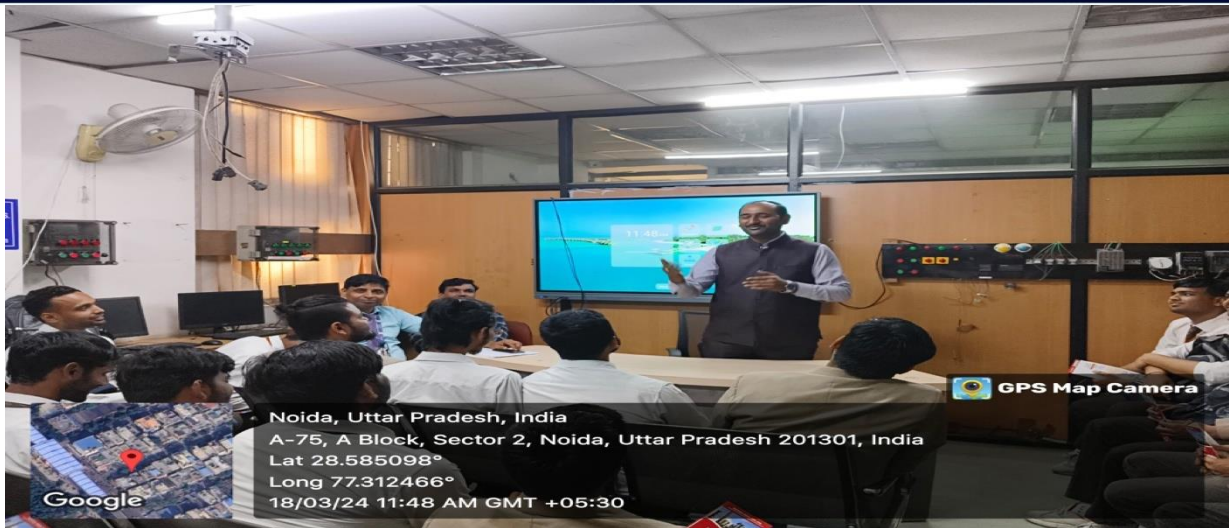
Greater Noida, Uttar Pradesh, India
I, C-34, Ajmer Kaur Marg, near IIMT COLLEGE OF POLYTECHNIC, Knowledge Park III, Greater Noida, Namauli, Uttar Pradesh 201310, India
Lat 28.480155°
Long 77.490526°
18/03/24 10:21 AM GMT +05:30

IIMT College of Polytechnic, Greater Noida



Greater Noida, Uttar Pradesh, India
FF7W+6RR, Knowledge Park II, Greater Noida, Uttar Pradesh 201310, India
Lat 28.462947°
Long 77.496069°
18/03/24 10:42 AM GMT +05:30

Enroute to Sofcon India Pvt Ltd.



Sofcon India Pvt. Ltd, B-5 Sector 2, Noida

IIMT College of Polytechnic, Greater Noida

Department of Mechanical Engineering (Maintenance)

Industry Visit at Sofcon India Pvt Ltd, Noida

Date: 18.03.2024

Sr. No.	Enrollment No.	Name of Student	Email Id	Signature
1	E2315703450003	Mayank Singh	mayanksingh1959@gmail.com	Mayank
2	E2315703450014	Roshan kumar	Roshanrai_tech@gmail.com	Roshan
3	E2315703450016	Nikhil	Nikhiling77@gmail.com	Nikhil
4	E2315703450019	Amarendra Kumar Thakur	Amarendra_kumar4956@gmail.com	Alex
5	E2315703450013	Soumyabh S. Tomar	tomarsoumyabh422@gmail.com	Soumya
6	E2315703450010	Himanshu Thakur	Himanshu_thakur_5877@gmail.com	Himanshu
7	E2135703450022	Pratyush Duley	duleypratyush@gmail.com	P
8	E2315703450011	Pinaki Sekhar Das	Pinaki_sekhars21@gmail.com	Pinaki
9	E2315703450005	Prateek Rawal	Prateekrawal2kd@gmail.com	Prateek
10	E2115703450007	Vansh Tyagi	vansh741tyagi@gmail.com	Vansh
11	E2115703450047	Aditya Kumar Vadam	kumaaditya709@gmail.com	Aditya
12	E248520388202	Deepak Kumar	DK596533@gmail.com	Deepak
13	E2115703450041	Shivam Mishra	Shivammishra4024@gmail.com	Shivam
14	E2215703450034	Suryadev	suryadevupmahary2497@gmail.com	Suryadev
15	E2215703450012	Ranjan	Ranjan8510@gmail.com	Ranjan
16	E2215703450027	Sam eerr Kumar	SK1477Kumar@gmail.com	Sam eerr
17	E2215703450020	Aayush	Aayushbhardwaj011@gmail.com	Aayush

	Enrollment	Students Name	Email ID	Signature
18	E22157034500044	Harsh Pal	Palharsh891@gmail.com	Harsh Pal
19	E22157034500057	Kabir Kumar Bhati	Kapilbhati240@gmail.com	Kabir
20	E22157034500055	Pushkan Dhama	dhamaPushkan@gmail.com	Pushkan
21	E2215703450004	Som Sharma	Somsommadaddii@gmail.com	Som
22	E22157034500005	Mohit	Mu1998657@gmail.com	Mohit
23	E22157034500011	Sonu	sonusingh.sgh@gmail.com	Sonu
24	E22157034500027	Muhammad Husain	mdmuhammadhusain@gmail.com	Husain
25	E22157034500017	Deepu	ds2617453@gmail.com	Deepu
26	E2215703400016	Nikhil Kumar		Nikhil
27	E22157034500043	Brijesh Thapa	hadeidn@gmail.com	Brijesh
28	E22157034500036	Prashant Kumar Sah	Rumarprashant3100@gmail.com	Prashant
29	E22157034500028	Sahil Ali	Sahil sid 973@gmail.com	Sahil
30	E22157034500008	Anshu Pandey	anshu.pandey.906@gmail.com	Anshu Pandey
31	E22157034500031	Mohit Kumar	mohit.kumar.1215@gmail.com	Mohit
32	E23157038800001	Pankaj Maurya	Papankajmauryavarshi@gmail.com	Pankaj
33	E23157038800003	Mohammed Saajid	mohd saajid7004@gmail.com	Saajid
34	E23157034500002	Ritik Sharma	brcant 901215@gmail.com	Ritik Sharma
35	E21157034500034	Ajeet Kumar Thapur	ajet 57306@gmail.com	Ajeet

Name & Signature of Coordinator
(KAMAL KISHOR SHARMA)

Signature of HOD

Mr.Sanjay Kumar Mavi
(Faculty Coordinator)

Department of Mechanical Engineering

Date 26/02/2024

Guest Lecture Report

A Guest Lecture was organized by Mechanical Engineering Department on February 26, 2024 on “**Electrical Vehicle**”.

Name of Guest	:	Mr. Rohit Pahwa
Organization name of Guest	:	Ducat, Noida
No. of Students	:	28
No. of Faculties	:	07
Timing of Event	:	11:00 am onwards

Objective:

The primary objective of electric vehicles (EVs) is to provide a more sustainable and environmentally friendly mode of transportation compared to traditional internal combustion engine vehicles. Here are some key objectives of EVs:

- 1. Reduce Greenhouse Gas Emissions:** EVs produce zero tailpipe emissions, which helps mitigate air pollution and combat climate change, particularly when powered by renewable energy sources like solar or wind power.
- 2. Decrease Dependence on Fossil Fuels:** By using electricity as their primary energy source, EVs reduce reliance on finite fossil fuels such as gasoline and diesel, contributing to energy security and sustainability.
- 3. Improve Energy Efficiency:** Electric motors are more efficient than internal combustion engines, converting a higher percentage of energy from the battery

into motion, which leads to overall energy savings and reduced resource consumption.

4. Lower Operating Costs: EVs typically have lower fuel and maintenance costs compared to traditional vehicles, as electricity is generally cheaper than gasoline, and electric drivetrains require less maintenance due to fewer moving parts.

5. Promote Technological Innovation: The transition to electric vehicles stimulates innovation in battery technology, charging infrastructure, and electric drivetrains, driving advancements in the automotive industry and related sectors.

6. Enhance Urban Air Quality: EVs contribute to improving air quality in cities by reducing emissions of harmful pollutants such as nitrogen oxides, particulate matter, and volatile organic compounds, thereby benefiting public health.

7. Offer Enhanced Driving Experience: Electric vehicles often provide smooth and quiet acceleration, along with instant torque delivery, offering a unique and enjoyable driving experience for users.



The poster is for a guest lecture titled "Electrical Vehicle" organized by the Department of Mechanical Engineering (Maintenance) at IIMT College of Polytechnic, Greater Noida. The guest speaker is Mr. Rohit Pahwa, Technical Business Development Manager at Ducat. The lecture is scheduled for 26th February, 2024, at 11:00 AM onwards in Vishveshwarya Hall. The faculty coordinator is Mr. Anil Kumar, Lecturer in the Department of ME (M). The poster includes the NBA Accredited logo and social media handles for IIMT.

Brief Write up on the Programme / Event:

The speaker of the Event, Mr. Rohit Pahwa is from Ducat, Noida. He primarily, emphasized on:

1. To help the students in the proper choice of careers.
2. To develop readiness for choices and changes to face need challenges.
3. To motivate the youth for self-employment.
4. To ensure the proper utilization of time spent outside the classrooms.
5. To help the students in their period of turmoil and confusion etc.

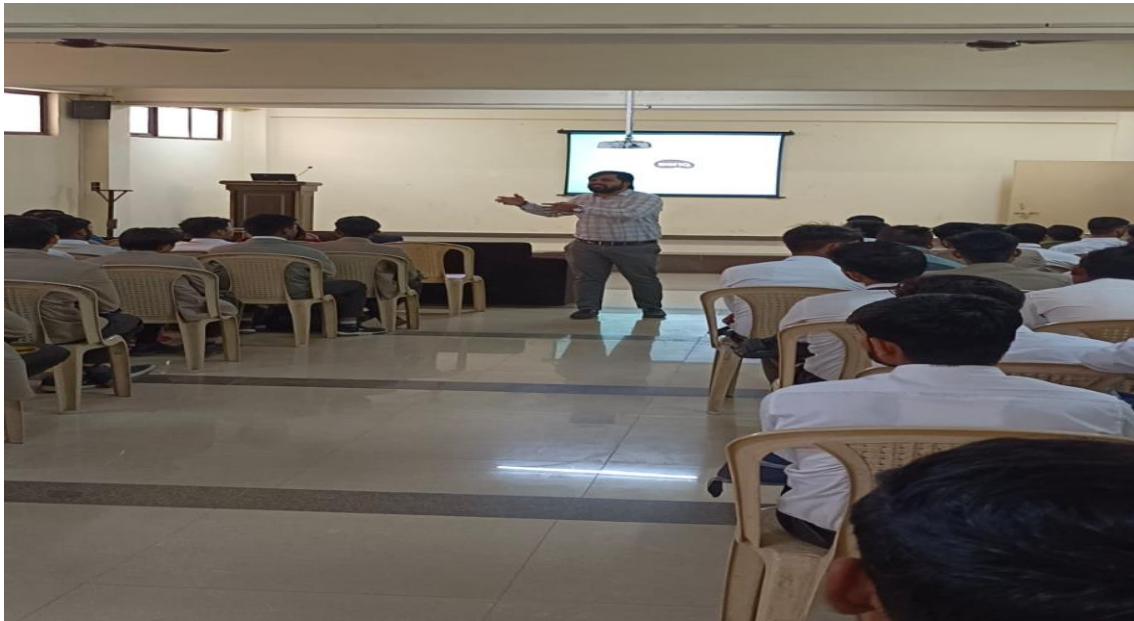
Learning Outcome:

The lecture was focused on the career options for the diploma students. The session was highly interactive and reflected the related insights into the various career options. The session is beneficial for final year and pre-final year students pursuing Diploma course of Mechanical Engineering, and Electrical Engineering.

Feedback:

Overall development of students and they learnt about various career options which they can pursue after completion of their diploma.





Participants

Topic: A Guest Lecture on Career Options after Diploma		
Delivered by: Mr. Rohit Pahwa		Dated: 26/02/2024
Program: Mechanical Engineering		
Semester/ Section: 4th & 6th/ ME-M		
Sr. No.	Enrollment No.	Student's Name
1.	E21157034500007	Vansh Tyagi
2.	E22157034500004	Ankit Mishra
3.	E22157034500005	Mohit
4.	E22157034500007	ShubhKasana
5.	E22157034500008	Anshu Pandey
6.	E22157034500012	Ranjan Kumar
7.	E22157034500017	Deepu
8.	E22157034500020	Aayush
9.	E22157034500022	Sonu
10.	E22157034500025	Pushkar Dhama
11.	E22157034500027	Sameer Kumar
12.	E22157034500028	Sahil Ali
13.	E22157034500031	Mohit Kumar
14.	E22157034500051	Vishwas Kumar
15.	E21157034500001	Pranay Kumar
16.	E21157034500003	Viksh Kumar
17.	E21157034500005	Shivam Kumar Shukla
18.	E21157034500008	Sachin
19.	E21157034500010	Dhruv Kumar
20.	E21157034500011	Manish Upadhayay
21.	E21157034500015	Arjun
22.	E21157034500017	Vishesh
23.	E21157034500018	Hemant Kumar
24.	E21157034500019	Sumit Chauhan
25.	E21157034500022	Anant Srivastava
26.	E21157034500024	Shivam
27.	E21157034500045	Akash Yadav
28.	E21157034500047	Aadil Khan

Mr. Anil Kumar

(Lecturer- ME-M)

REPORT ON INDUSTRIAL VISIT

Notice of Industrial Visit

IIMT College of Polytechnic, Greater Noida
Department of Mechanical Engineering (Maintenance)

Ref. No: IIMTCOP/ME-M/2023-24/ ODD/EVENTS /0.4

Date: 06.11.2023

NOTICE

SUBJECT: REGARDING INDUSTRIAL VISIT

This is for information to all the students of IIMT College of Polytechnic, Greater Noida that an industrial visit is being organized by department of Mechanical Engineering (Maintenance) from 07, Nov'2023. So all the students are advised to attend the industrial visit as per the schedule.

S.No.	Date & Day	Time	Coordinator	Venue
1	07/11/2023 & Tuesday	12.00 noon Onwards	Mr. Tribhuwan Singh, Senior Lecturer ME-M	Clearpack Automation Pvt. Ltd., Greater Noida

Mr. Zaki Ali Hyderi

HOD- ME (M)

HOD
Mechanical Engineering (Maintenance)
IIMT College of Polytechnic

Approved by : AICTE Ministry of HRD, Govt. of India, Affiliated to : U.P.B.T.E., Lucknow

Title of the event: - Industrial Visit

Objective: The objective of the industrial visit to Clearpack Automation Pvt. Ltd. was to gain practical insights into the field of industrial automation and packaging technology. The visit aimed to provide students with a real-world perspective on how automation solutions are employed in the packaging industry.

DATE OF EVENT: - 7th November 2023.

NO. OF STUDENTS: - 08

NO. OF FACULTIES: - 01

VENUE: - Clearpack Automation Pvt. Ltd. Greater Noida

TIME: - 12:30 PM Onwards.

FACULTY CO-ORDINATOR: - Mr. Tribhuwan Singh, (Senior Lecturer) Mechanical Engineering

Creative:



The poster features the IIMT logo and name at the top, followed by the department name 'Department of Mechanical Engineering (Maintenance)'. It states 'is Organizing INDUSTRIAL VISIT' in large, bold letters. Below this, it provides the date and time: 'Date - 7th November 2023 | Time - 12:30 PM Sharp'. A central box contains the 'CLEARPACK Group' logo and the name 'Clearpack Automation Pvt. Ltd.' along with its address: 'Plot No. 9,10 &11, Ecotech-1, Extension, Opposite - Tirupati Foam Greater Noida'. At the bottom, it identifies the 'Faculty Co-ordinator' as 'Mr. Tribhuwan Singh, Sr. Lecturer ME(M)'. Social media handles for IIMT are listed at the very bottom.

Outcomes:

1. Understanding of Automation Technologies: The visit provided a comprehensive understanding of various automation technologies employed in the packaging industry, such

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as robotic systems, conveyors, and vision inspection systems. Students learned how these technologies improve efficiency and product quality.

2. Application of Robotics: Students were exposed to the application of robotics in packaging, including robotic pick-and-place systems. This firsthand experience helped them grasp the versatility of robots in handling various packaging tasks.

3. Quality Control: The visit highlighted the importance of quality control in packaging. Students observed how vision inspection systems are used to ensure that products are packaged correctly and meet quality standards.

4. Efficiency and Productivity: Students learned how automation enhances efficiency and productivity in the packaging process. They witnessed how automated systems can handle high-speed production and reduce human intervention.

5. Career Opportunities: The visit provided insights into potential career opportunities in the field of industrial automation and packaging. Students gained awareness of job roles such as automation engineers, maintenance technicians, and quality control specialists.

6. Environmental Sustainability: Clearpack Automation's focus on sustainability was evident during the visit. Students understood how automation can contribute to reducing waste and energy consumption in packaging processes.

7. Industry Trends: Students were updated on the latest trends and innovations in the packaging and automation industry. They learned about the integration of Industry 4.0 technologies and data analytics in manufacturing.

In conclusion, the industrial visit to Clearpack Automation Pvt. Ltd. was successful in meeting its objectives. It provided students with valuable insights into industrial automation and packaging technologies, enabling them to bridge the gap between theoretical knowledge and practical application in the real world. This experience also opened up potential career paths for the students in this dynamic and evolving industry.

Photographs



Attendance Sheet of Industrial Visit

IIMT College of Polytechnic, Greater Noida
Department of Mechanical Engineering (Maintenance)

Attendance List for Industrial Visit in Clearpack Automation Pvt. Ltd., Greater Noida on 07/11/2023

S.No	Enrollment Number	Name of Student	Contact Number	Email Id	Signature
1	E21157034500003	VIKSH KUMAR	9511076301	Vik 1950038@gmail.com	Vikesh Kumar
2	E21157034500005	SHIVAM KUMAR SHUKLA	9931861580	Shivamshukla9931@gmail.com	Shivamshukla
3	E21157034500011	MANISH UPADHAYAY	7678575132	Upadhyay M845@gmail.com	Manish
4	E21157034500015	ARJUN	AB	AB	
5	E21157034500017	VISHESH	9773756314	visheshkumar45532@gmail.com	Vishesh
6	E21157034500024	SHIVAM	9800803255	shivam2489204@gmail.com	Shivam
7	E21157034500044	ANSHUL SHARMA	7827498164	anshul6703@gmail.com	Anshul
8	E21157034500045	AKASH YADAV	9810700172	akashyadav48894@gmail.com	Akash
9	E21157034500047	AADIL KHAN	8888009330	aadilkhani9313920323@gmail.com	Aadil Khan
10	E22157038800006	SANDEEP	AB	AB	

Faculty Coordinator

Mr. Anil Kumar

Mr. Tribhuvan Singh
Hyderi
Activity Coordinator

Mr. Zakir Ali

HOD ME-M

Department of Mechanical Engineering

Date 10/10/2023

Guest Lecture Report

A Guest Lecture was organized by Mechanical Engineering Department on October 10, 2023 on “**Career Options after Diploma**”.

Name of Guest : Mr. Keerti Singh
Organization name of Guest : RRS Educational Foundation.
No. of Students : 28
No. of Faculties : 07
Timing of Event : 11:00 am onwards

Objective:

We are living in a highly complex and rapidly changing world of work. There are changing requirements in industrial jobs, altered market conditions for professional manpower, the development of paraprofessional occupations and many other labor market trends which make occupational selection more difficult than ever. The young students in colleges and universities need to be informed about various jobs and openings available to them and the requirements, responsibilities and the nature of work involved in them so that they could measure themselves upto them and develop and crystallize their occupational goals.

Creative:

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COLLEGE OF POLYTECHNIC
Greater Noida
— Aim For Excellence —



Department of Mechanical Engineering (Maintenance)

is Organizing

Guest Lecture

On

"Career Options after Diploma"



Guest Speaker
Mr. Keerti Singh
Business Incubator & Director of
RRS Educational Foundation

Date: 10th October, 2023
Time: 11:00 AM Onwards
Venue : Vishveshwarya Hall

FACULTY COORDINATOR
Mr. Sanjay Kumar Mavi
Senior Lecturer, Department of ME (M)
IIMT College of Polytechnic

STUDENT COORDINATORS
Vishesh Kumar (3rd Year)
Vishwas Kumar (2nd Year)

www.iimtindia.net | [@iimtindia](https://www.instagram.com/iimtindia) | [@iimtindia](https://www.facebook.com/iimtindia) | [@iimtindia](https://www.youtube.com/channel/UC...)

Brief Write up on the Programme / Event:

The speaker of the Event, Mr.Keerti Singh is from RRS Educational Foundation. He primarily, emphasized on:

1. To help the students in the proper choice of careers.
2. To develop readiness for choices and changes to face need challenges.
3. To motivate the youth for self-employment.
4. To ensure the proper utilization of time spent outside the classrooms.
5. To help the students in their period of turmoil and confusion etc.

Learning Outcome:

The lecture was focused on the career options for the diploma students. The session was highly interactive and reflected the related insights into the various career options. The session is beneficial for final year and pre-final year students pursuing Diploma course of Mechanical Engineering, Civil Engineering and Electrical Engineering.

Feedback:

Overall development of students and they learnt about various career options which they can pursue after completion of their diploma.



Participants

Topic: A Guest Lecture on Career Options after Diploma		
Delivered by: Mr. Keerti Singh		Dated: 10/10/2023
Program:	Mechanical Engineering	
Semester/ Section:	III & V/ ME-M	
Sr. No.	Enrollment No.	Student's Name
1.	E21157034500007	Vansh Tyagi
2.	E22157034500004	Ankit Mishra
3.	E22157034500005	Mohit
4.	E22157034500007	ShubhKasana
5.	E22157034500008	Anshu Pandey
6.	E22157034500012	Ranjan Kumar
7.	E22157034500017	Deepu
8.	E22157034500020	Aayush*
9.	E22157034500022	Sonu
10.	E22157034500025	Pushkar Dhama
11.	E22157034500027	Sameer Kumar
12.	E22157034500028	Sahil Ali
13.	E22157034500031	Mohit Kumar
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15.	E21157034500001	Pranay Kumar
16.	E21157034500003	Viksh Kumar
17.	E21157034500005	Shivam Kumar Shukla
18.	E21157034500008	Sachin
19.	E21157034500010	Dhruv Kumar
20.	E21157034500011	Manish Upadhayay
21.	E21157034500015	Arjun
22.	E21157034500017	Vishesh
23.	E21157034500018	Hemant Kumar
24.	E21157034500019	Sumit Chauhan
25.	E21157034500022	Anant Srivastava
26.	E21157034500024	Shivam
27.	E21157034500045	Akash Yadav
28.	E21157034500047	Aadil Khan

Sanjay Kumar Mavi
(Sr. Lecturer-ME-M)