

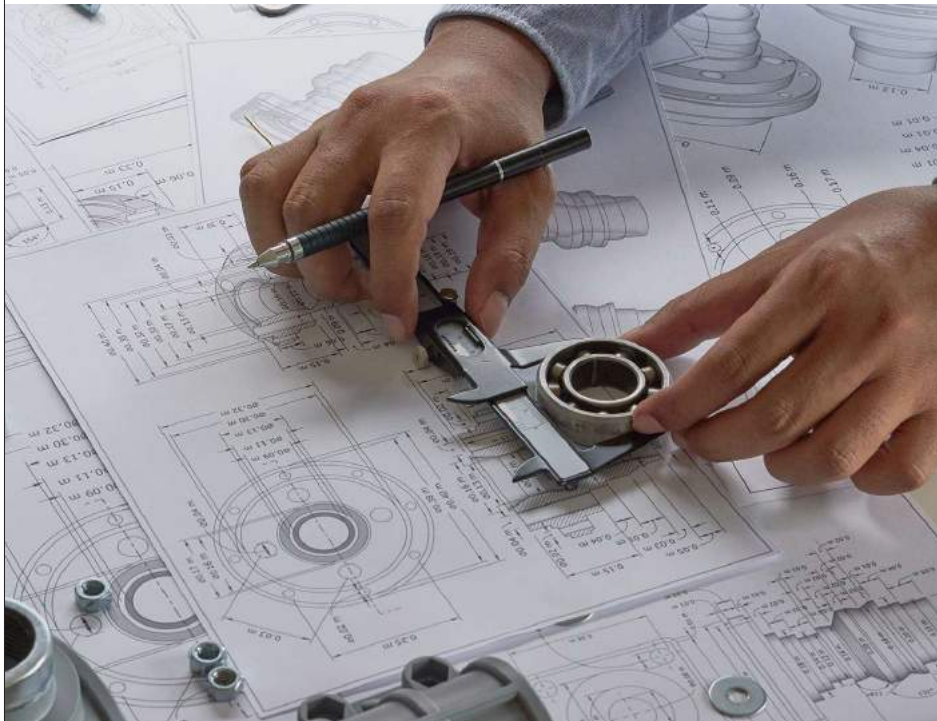
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MECHATROMA

Department of
Mechanical Engineering



Newsletter Highlights


Chief Editor's Desk

Industrial Visit

Workshop

Guest Lecture

 www.iimtindia.net

 Plot no. 19 & 20, Knowledge Park III,
Greater Noida (U.P.)

 contact_gn@iimtindia.net

April-June 2023

VOLUME XVIII, ISSUE 2
NEWSLETTER

From Chief Editor's Desk



Prof. Krishna Kumar Karothiya HOD, Mechanical Engineering

Dear Readers,

I am delighted to welcome you to the most recent issue of **MECHATRONA** that brings you with a collection of insightful articles, intriguing updates, and inspiring stories that highlight our department's successes and advancements. This edition aims to provide you with a detailed activity of the department.

Throughout these pages, you will find articles penned by our esteemed faculty members and students, sharing their expertise and knowledge on cutting-edge research, emerging trends, and innovative technologies. We delve into subjects that range from robotics and automation to sustainable energy solutions and materials science. We believe that by staying at the forefront of these advancements, we can equip our students and

professionals with the skills and insights needed to make a real impact in the industry.

I would like to express my gratitude to the entire editorial team for their dedication and hard work in bringing this newsletter to life. Their commitment to delivering quality content has been instrumental in making this edition a truly engaging and informative resource.

Thank you for your unwavering support, and I hope you find this edition of our newsletter both enlightening and enjoyable.

Happy Reading,

Sincerely,

Mr. Krishna Kumar Karothiya
Chief Editor & HOD
Dept. of Mechanical Engineering

Engineering
is the closest thing
to magic that
exists in the world

April-June 2023

VOLUME XVIII, ISSUE 2
NEWSLETTER

Industrial Visit

Sofcon Pvt Ltd Noida

On 12th Apr 2023, the Department of Mechanical engineering organized an Industrial visit for the students of B.Tech (Mechanical Engineering) to Sofcon India, Noida. A total of 33 students and two faculty members from the department visited the Company.

Mr. Vicky Kumar gave a presentation on the topic HVAC SYSTEM and made it easier to understand various terminologies related to HVAC.



Students at Sofcon India, Noida



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DEPARTMENT OF MECHANICAL ENGINEERING
ORGANISING
INDUSTRIAL VISIT
SOFCON PVT.LTD. NOIDA

Date: 12th April 2023
Time : 11:00 AM Onwards

FACULTY COORDINATOR
MR. MANOJ KUMAR
ASSOCIATE PROFESSOR
DEPARTMENT OF MECHANICAL ENGINEERING

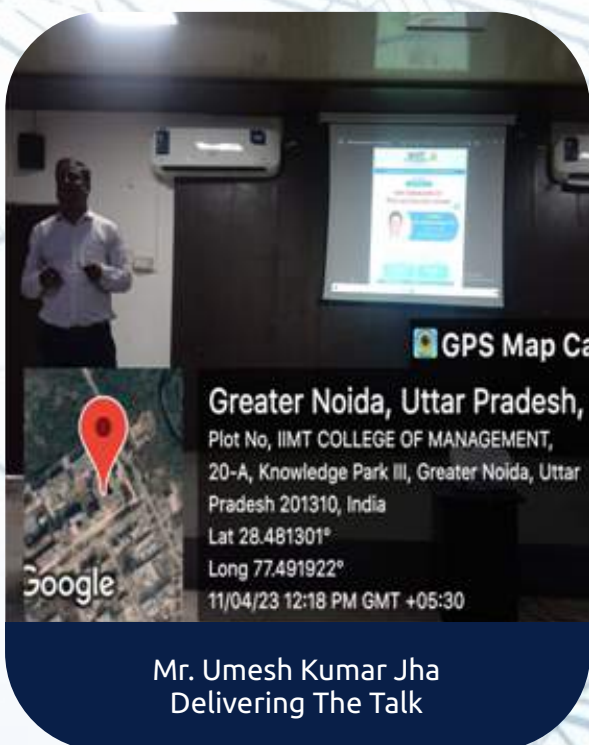
Sofcon Training
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A Workshop New Dimension of Non Destructive Testing

On 11th Apr 2023, the Department of Mechanical Engineering organized a workshop on **"New Dimension of Non destructive testing"**.

Mr. Umesh Kumar Jha presented the topic very well. Informative examples were discussed to find the solution to a testing problem. A total of 31 students and eight faculty members were present in the workshop. Mr Kumar started his talk with a brilliant example to explain different methods used in NDT. He gave how students can make career in the oil and gas industry with the help of NDT. He also explained various preventive method used in piping industry.



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DEPARTMENT OF MECHANICAL ENGINEERING

Organising
WORKSHOP ON

**NEW DIMENSIONS OF
NON-DESTRUCTIVE TESTING**

Speaker
Mr. Umesh Kumar Jha
Training Executive
IMTE Training Institute Pvt. Ltd.

DATE: TUESDAY, APRIL 11th, 2023 | TIME: 12:00 PM - 01:00 PM
Venue: Sarabhai Hall

FACULTY COORDINATOR: **Mr. Sunil Kumar Jha**
Assistant Professor

STUDENT COORDINATOR: **VIPUL GUPTA**
ME (3rd Year)

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April-June 2023

VOLUME XVIII, ISSUE 2
NEWSLETTER

Guest Lecture

How to plan for startup and legal & ethical steps

On 5th June 2023, a guest lecture on “How to plan for startup and legal & ethical steps” was organized by the Department of Mechanical Engineering, and IIC-IIMT Cell.

Mr. Naresh Bhagat, Director, LoLogix Design Pvt Ltd was the chief guest. The speaker emphasised on the importance of defining the startup's purpose, products or services, how the business will create value for customers, conducting market research, understanding target market, competitors, and industry regulations while aligning with the ethical values.

He also emphasised on the need to identify any legal or ethical considerations specific to the industry or business model and ensure liability protection.

The second session was delivered by Mr. Nitesh kumar, who explained the importance of obtaining necessary licenses, permits, or certifications required under local, state, or federal regulations. He also explained about protecting intellectual property such as inventions, logos, or branding elements that require protection through patents, trademarks, copyrights, or trade secrets.



Mr. Naresh Bhagat
Addressing the Session

An event poster for a session titled "How to Plan for Start-up and Legal & Ethical Steps". The poster is organized by the Institution's Innovation Council (IIC-IIMT) and the Department of Mechanical Engineering. It features two speakers: Mr. Naresh Bhagat, Director of LoLogix Design Solutions Pvt Ltd, speaking from 11:00 AM to 12:50 PM, and Mr. Nitesh Kr. Mishra, IIT Expert, Khurana & Khurana Associates & IP Attorneys, speaking from 2:30 PM to 3:20 PM. The event is held on Monday, June 5, 2023, at Sarabhai Hall. The Faculty Coordinator is Dr. Sumit Mahajan, Assistant Professor, Department of ME. The Student Coordinators are Manoj Kumar, B Tech (ME) 2nd Year. The poster includes logos for IIMT and the Institution's Innovation Council, and social media handles for @iic.iit, @iimtc, @ic.iit, and @IICIMT.

April-June 2023

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Research Paper Presented in 2nd International Conference Innovations in Clean Energy Technologies (ICET 2023)

Mr. Krishna Kumar Karothiya presented a paper titled "Interfacial solar driven steam generation by heat Localization: A review", in 2nd International Conference On Innovations in Clean Energy Technologies (ICET 2023) organized by MNIT Bhopal.



April-June 2023

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Faculty Development Programs Attended by Faculties of the Department of Mechanical Engineerig

- Mr. Krishna Kumar Karothiya attended one week Faculty Development Program on **Green Energy Materials and Technology** organized by NITTTR Chandigarh (1/05/2023 to 5/05/23).



- Dr. Sumit Mahajan attended one week Faculty Development Program on **Intellectual Property Rights** organized by IIMT College of Engineering (24/04/2023 to 28/04/2023).



- Mr. Vishal Vasishtha attended one week Faculty Development Program on **Intellectual Property Rights** organized by IIMT College of Engineering (24/04/2023 to 28/04/2023).



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Department of Mechanical Engineering



CHIEF EDITOR

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