

**IIMT COLLEGE OF ENGINEERING, GREATER NOIDA**  
**DEPARTMENT OF MECHANICAL ENGINEERING**  
**WORKSHOP / GUEST LECTURE / INDUSTRIAL VISIT**

**1. Guest Lecture On “Drone next Frontier in Mechanical Engineering”**



The Department of ME organized a Guest Lecture on “Drone **next Frontier in Mechanical Engineering**” on 21<sup>st</sup> Oct 2021. Mr. Steven David (CEO, Rudra Robotics Pvt. Ltd Greater Noida) started his lecture with a few examples on the Drone technology in which students can learn new technology about the drone. The guest speaker Mr. Steven David focused on the generating new innovative ideas in the students and faculty about the drone technology he also discussed rule and regulation for drone manufacturing and flying.

**2. WORKSHOP ON DESIGN SOFTWARE on 22nd Nov 2021**

The Department of ME organized a Guest Lecture and workshop on “DESIGN SOFTWARE” on 22<sup>nd</sup> Nov 2021. Mr. Naresh Bhagat (Director at LeLogix Design Solutions Pvt. Ltd. and LeLogix Business Solutions Pvt. Ltd. Greater Noida) started his lecture with a few examples of design Software Company in which students can learn new technology about the design software. Mr. Naresh Bhagat has explained the basic introduction of solid work, CATIA 5 and Give idea about them. He also inform about company which are using CATIA OR SOLIDS WORKS.



### 3. “Idea Generation Competition” on 25 Nov 2021



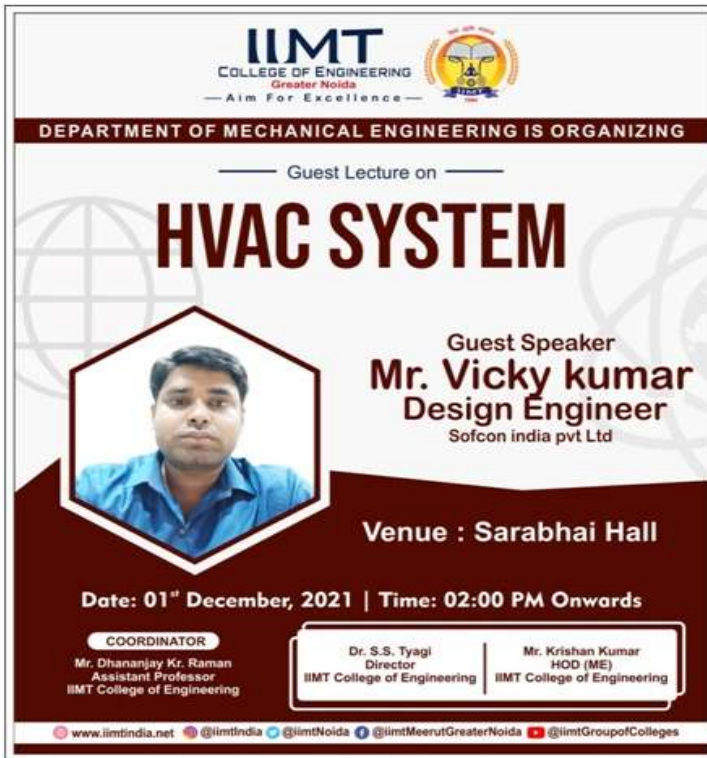
The Department of ME organized an Idea Generation Competition under the theme air pollution, agriculture for the students of ME department, about 85 students has participated, and given wonderful ideas

### 4. Guest Lecture on “How to prevent your Idea” on 30 Nov 2021

MoE, IIMT Innovation Cell and Department of Mechanical Engineering have organized a Guest Lecture on “How to prevent your Idea” on 30<sup>th</sup> Nov 2021. “. Mr. Suneel Tiwari (Senior Faculty and former Head of R&D , Made Easy Group New delhi) started his lecture and said about current scenario of opportunities in the field of business, start up. He discussed how important to protect Idea, design, process methodology to do business and start up. He discussed about Intellectual properties right, its validity, Rules & regulation in India. Mr. Suneel also said about how to registered your idea, product design to remain in business unique.He said This helps ensure that you will profit from your work without fear of exploitation by competitors.



## 5. Workshop and Guest Lecture On “HVAC SYSTEMS” on 1<sup>st</sup> Dec 2021



The poster is for a guest lecture on HVAC systems. At the top, it features the IIMT logo and the text 'COLLEGE OF ENGINEERING Greater Noida - Aim For Excellence -'. Below this, it states 'DEPARTMENT OF MECHANICAL ENGINEERING IS ORGANIZING'. The main title is 'HVAC SYSTEM' in large, bold letters. A photo of the guest speaker, Mr. Vicky Kumar, is shown in a hexagonal frame. To the right of the photo, it says 'Guest Speaker Mr. Vicky kumar Design Engineer Sofcon india pvt Ltd'. Below the photo, the venue is listed as 'Venue : Sarabhai Hall'. The date and time are 'Date: 01<sup>st</sup> December, 2021 | Time: 02:00 PM Onwards'. At the bottom, there are names of coordinators: 'COORDINATOR Mr. Dhnanjay Kr. Raman Assistant Professor IIMT College of Engineering', 'Dr. S.S. Tyagi Director IIMT College of Engineering', and 'Mr. Krishan Kumar HOD (ME) IIMT College of Engineering'. Social media handles for IIMT are listed at the very bottom.

Department of Mechanical Engineering have organized a Guest Lecture on “HVAC System” on 1 dec 2021. Mr.Vicky Kumar (Design Engineer, Sofcon India Pvt Ltd Greater Noida) started his lecture with introduction of his company, then he explains about unit of refrigeration and air conditioning. Mr. Vicky then discussed about the different parameter to design HVAC system. Then he talks about cooling load calculation with the help of excel sheet software and he also told about different software which are used in load calculation, duct design. Mr. Vicky Kumar also gave brief introduction of different air conditioning and Refrigerants.

## 6. Industrial visits & Exposure and field Visits for Problem Identification at “Mother Dairy Plant Vinod Nagar Delhi” on 7th Dec 2021

The Department of ME and Department of T & P organized “Industrial visits” & Exposure and field Visits for Problem Identification.” & At “Mother Dairy Plant Vinod Nagar Delhi”. Ms. Pooja (Marketing and purchase officer at Mother Dairy Plant Vinod Nagar Delhi) mother dairy team has given the brief Presentation about the company product and services. After presentation they have offer milk and ice cream to the students. After that they have given the tours of mother dairy plant where she has explain about milk token plant its importance and function. She said in token milk plant it is very important to mix fat and milk molecules as homogenous mixture so that uniform quality of milk can be possible through the time. She also has given brief about the milk processing in heating process at different temperature.



## 7. Guest lecture on “How to convert your idea in to a product” on 9<sup>th</sup> Dec 2021



MoE, IIMT Innovation Cell and The Department of ME has organized Guest lecture on “**How to prevent your Idea**”. Dr. Krishna K. Mugada, Assistant Professor, Department of Mechanical Engineering, NIT Surat India. has given excellent inputs to our students that how to convert the idea in to a product. The Idea formation, processing of idea, SWOT analysis and the Product generation was discussed. Few case studies on the startup and their initial idea generation was discussed.