



MORADABAD INSTITUTE OF TECHNOLOGY

DEPARTMENT OF MECHANICAL ENGINEERING

Newsletter

(July 1st to December 31st 2020)

Inside this Edition

Activities

- ◆ Guest lectures
- ◆ MESS Activities
- ◆ Virtual Learning

Accomplishments

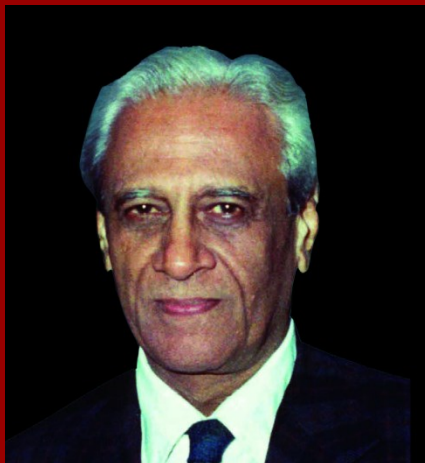
- ◆ Awards and appreciations

Beyond academics

- ◆ Participation in Webinar Series

Editorial Board

Dr. Munish Chhabra (Advisor)
Mr. Prashant Singh (Editor)
Mr. Devish Kumar
Mr. Aarav Sanket



Prof. Satish Dhawan
Father of
Experimental Fluid Dynamics

"if you do not have a mission, no problem will occur, but if you do have a mission or task definitely problems of varying magnitudes will crop up. But problems should not become the master of the individuals, individuals should become the master of the problem, defeat it and succeed." ~ Satish Dhawan

VISION

To develop competent and skilled Mechanical Engineers having moral values and ethics for the fulfilment of fast changing global needs.

MISSION

- To nurture continuous enhancement in teaching learning process for imparting strong fundamental knowledge of core, engineering science, and interdisciplinary subjects to students.
- To provide state-of-the-art laboratories for providing hand-on experience of technology, and to provide platforms for leadership and overall personality development.
- To develop strong mentor-mentee relationship for the professional and personal growth of students and also to inculcate moral values and ethics for serving the society.

• In-house activities

◆ Guest lectures

Mr. RAJAT DIXIT, Ass. Div. Mechanical Engineer, Indian Railways (AIR 22, IES 2019) delivered online lecture on Preparation Techniques for Cracking IES exam on 21.12.2020.

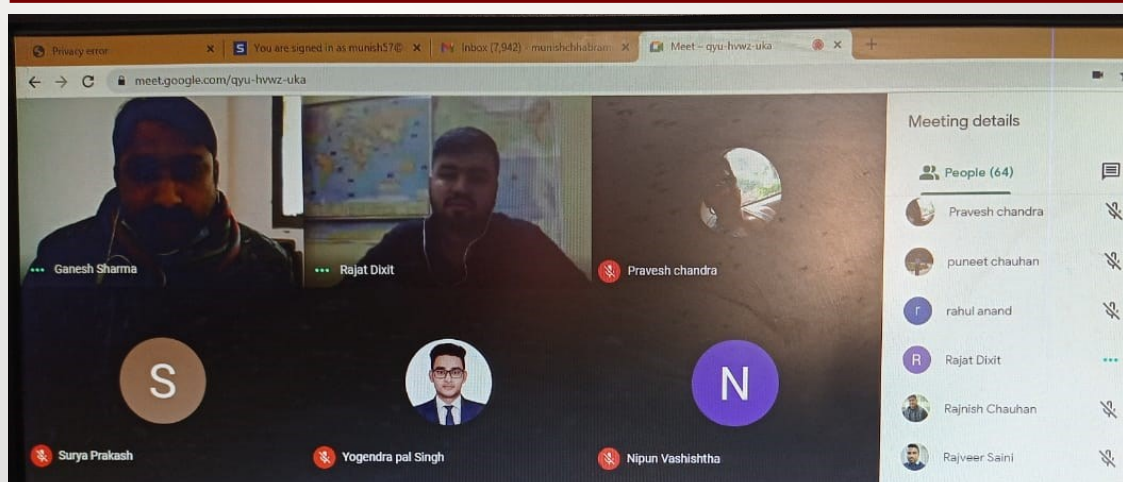
Mr. Rajat Dixit

IIT Delhi Alumnus

IES 2019 (All India Rank 22)

Asst. Div. Mechanical Engineer

Indian Railways



Mr. Vivek Saraf delivered lecture on Agrivoltaics on 11.09.2020. He explained the scope and methods of co-developing the same area of land for both solar photovoltaic power as well as for agriculture.

DEPARTMENT OF MECHANICAL ENGINEERING

Successfully Organised

**Expert Lecture on
Agrivoltaics**



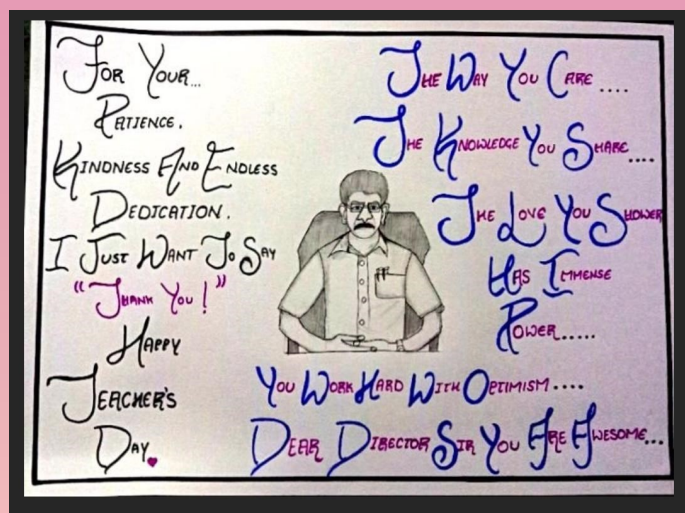
Mr. Vivek Saraf
Alumni of IIT Kanpur &
Thunderbird School of Global Management, USA
CEO, SunSeed APV

Date- 11th September 2020 (Friday) Time- 2:30pm -3:30pm
@ Google-meet platform

Faculty Accomplishments

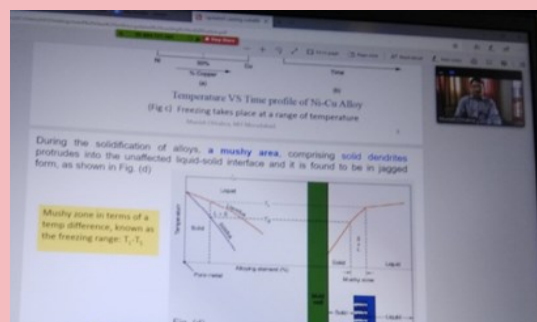
MESS Activities

- Event **VANDE MATRAM** was conducted on the occasion of Independence Day for all students of MITGI.
- The Mechanical Engineering Students Society organised an online event **GURU BRAHMA** on occasion of Teacher's Day. The event was conducted from 01/09/20 to 04/09/20. The event was categorized into three categories – Dynamics, Statics and Art on paper.



Virtual Learning

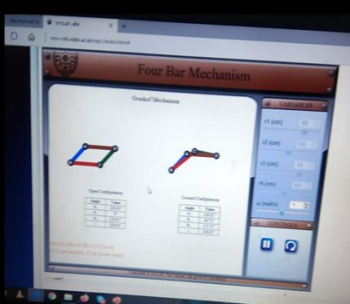
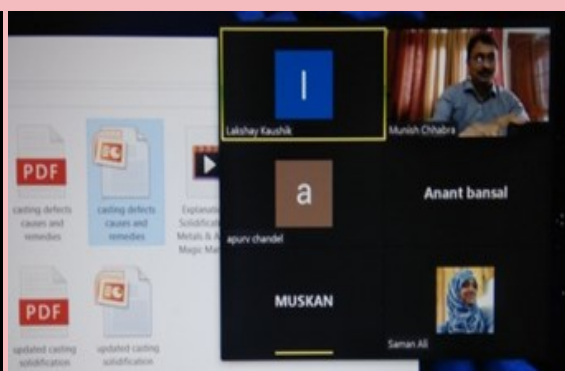
Whole world is facing tough time due to the pandemic of **corona-virus** disease 2019 (COVID-19). For the safety of students and faculty from this virus and in order to continue studies and learning process, department adopted **online teaching learning tools such as** online class and virtual lab.



DEPARTMENT OF MECHANICAL ENGINEERING

Initiated new journey
of online teaching learning process

First Virtual Lab of "Theory of Machines"
conducted by Mr. Pravesh Chandra, Asst Prof. ME
using Virtual Lab platform and Skype online mode

Awards and Appreciations

Mr. Pravesh Chandra and Mr. Shyam Sundar Yadav achieved the **Best Paper Award** for their paper "Fabrication and Control of Compressor less Refrigerator with the help of IOT" in International Conference on Recent Advancement in Applied Science & Engineering (ICRASE-2020) organized by "Scholar World Educational Society".

Rotary Club Moradabad (Rotary International 3100) honoured **Dr. Munish Chhabra** with an **Excellence Award** for his outstanding contribution in the field of education on the occasion of Teacher's Day. The award ceremony was held on 16th September, 2020 at Mansrovar Paradise, Moradabad.



Beyond Academics

Participation in Webinar Series

Webinar series was organised by MESS, for Mechanical Engineering Students from 15 Oct. to 25th Nov. 2020.

- Yuvraj Khanna participated in webinar {series-1} and gave presentation on Solar Energy and Solar Cells on 15th October 2020.
- Aarav Sanket participated in webinar {series-1} and presented the webinar on Hybrid Vehicle on 15th October 2020.
- Apurv Chandel presented a webinar on Ignition System in webinar {series-2} on 28th October 2020.
- Pranav Kumar Singh participated in webinar {series-2} and gave presentation on Wind Turbine on 28th Oct. 2020.
- Lakshay Kaushik and Nipun Vashista participated in Webinar {series-3} on 04th Nov 2020.
- Devish Kumar present a webinar on CIM, in Webinar {series-4} on 25th Nov 2020.
- Priyansh Tyagi participated in webinar {series-4} and gave presentation on OLEDs on 25th Nov. 2020.



DEPARTMENT OF MECHANICAL ENGINEERING
MECHANICAL ENGINEERING STUDENTS' SOCIETY
Successfully organised
Students' Webinars
Webinar (session 1)
15th Oct 2020



Aarav Sanket, 3rd Year
Hybrid Vehicles

Yuvraj Khanna, 2nd Year
Solar Energy and Solar Cells

DEPARTMENT OF MECHANICAL ENGINEERING
MECHANICAL ENGINEERING STUDENTS' SOCIETY
Successfully organised
Students' Webinars
Webinar (session 2)
28th Oct 2020



Pranav Kumar Singh, 2nd Year
Wind Turbine

Apurv Chandel, 3rd Year
Ignition System



DEPARTMENT OF MECHANICAL ENGINEERING
MECHANICAL ENGINEERING STUDENTS' SOCIETY
Successfully organised
Students' Webinars
Webinar (session 3)
04th Nov 2020



Nipun Vasishtha, 3rd Year
Hyperloop

Lakshay Kaushik, 3rd year
Dual Fuel Engine

DEPARTMENT OF MECHANICAL ENGINEERING
MECHANICAL ENGINEERING STUDENTS' SOCIETY
Successfully organised
Students' Webinars
Webinar (session 4)
25th Nov 2020



Devish Pratap Singh, 3rd Year
Computer Integrated Manufacturing

Priyansh Tyagi, 2nd year
OLEDs