



# MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY

KALITHEERALKUPPAM, PUDUCHERRY-605107

## DEPARTMENT OF MECHANICAL ENGINEERING

### NEWSLETTER 2021-22 (ODD SEM)

#### DEPARTMENT ACTIVITY

#### ENERGY CONSERVATION RALLY

#### IEI



On account of energy conservation day Department of Mechanical Engineering In association with The Institution of Engineers India (IEI) Pondicherry state center conducted a rally under the theme “Energy Conservation Awareness Rally” in Kalitheerthalkuppam village held on 7.1.22

#### Engineers day

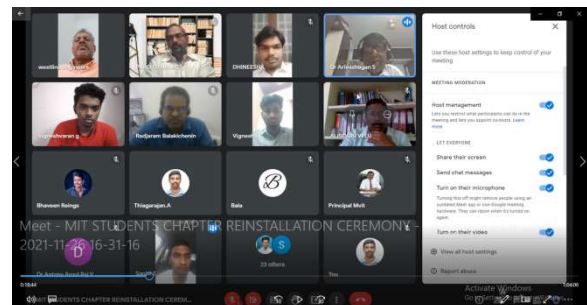
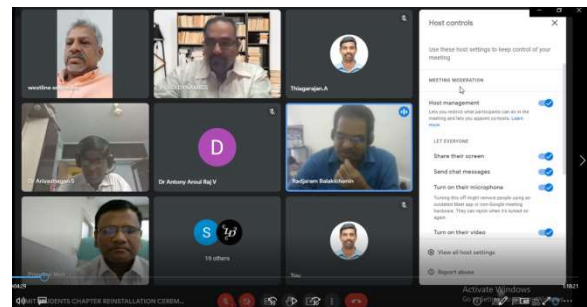


On September 16<sup>th</sup> 2021 on account of Engineers day, Department of Mechanical Engineering conducted virtual program under the association of the Institution of Engineers India (IEI) puducherry state center. The target audience is students and faculty members of various institutions participated in the program. Dr.K.Sankara Narayanan, Director, NIT Karaikal acted as chief guest as well as resource person for the program. He gave his lecture on the following theme “Engineers for skill Development & Employment in Combating COVID “.

#### WORLD POLLUTION DAY

On account of world pollution day – Department of Mechanical Engineering has organized poster presentation for 1<sup>st</sup> year students from various departments participated on 3/1/22.

#### ISHRAE CHAPTER INSTALLATION





On 26<sup>th</sup> November 2021 ISHRAE Chapter Installation was organized by Department of Mechanical Engineering on online mode followed by guest lecture on “Radiant cooling “by Dr.Arivazhagan, Professor & Head from St .Josephs Engineering college, Chennai. Lecture focuses on fundamentals of cooling techniques in refrigeration and air conditioning. The main key participants are the student’s volunteers and Faculty members of Mechanical Engineering Department.



On 22<sup>nd</sup> December 2021 AC Serve/Refsafe event was organized by ISHRAE students Chapter in MVIT

Pondicherry. In this program around 400 participants were participated and gained some awareness on Air conditioning and Refrigeration.

## WORKSHOP

In academic year 2021-22, Mechanical Engineering Department has conducted two workshops on 12<sup>th</sup> October 2021 and 22<sup>nd</sup> october2021.



Mr. K. Palani, Manager For Safety & Environment, Ashok Leyland, Chennai Was The Resource Person For “COVID IMPACT DURING PANDEMIC IN AUTO INDUSTRIES AND ITS SAFETY MEASURES” Held On 12<sup>th</sup> October 2021 Organized By The Institution Of Engineers India (IEI) , Puducherry State Center .



Mr.R.Ganesan, General Manager (Retired), Axles India, Pondicherry was the resource person for “Quality & Reliability –Industrial case studies “held on 22.10.21 organized by NATIONAL INSTITUTION FOR QUALITY & RELIABILITY (NIQR) ,MIT (STUDENTS CHAPTER ) MECHANICAL ,Pondicherry



## GUEST LECTURE

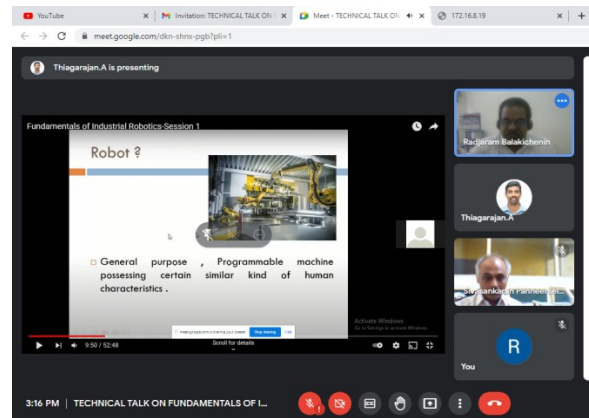
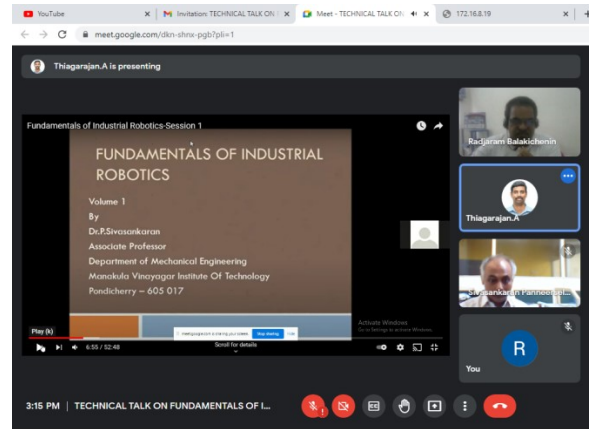


Department of Mechanical Engineering in association with ISHRAE students chapter MVIT has organized Technical Talk for Students under the theme **“An introduction to HVAC and its opportunities”** which is held on 9<sup>th</sup> October 2021. Shri.E.MOHANRAJ, SCIENTIFIC OFFICER/E, Materials Chemistry & Metal Fuel Cycle Group (MC&MFCG), IGCAR, DAE Kalpakkam was the chief Guest of the program.

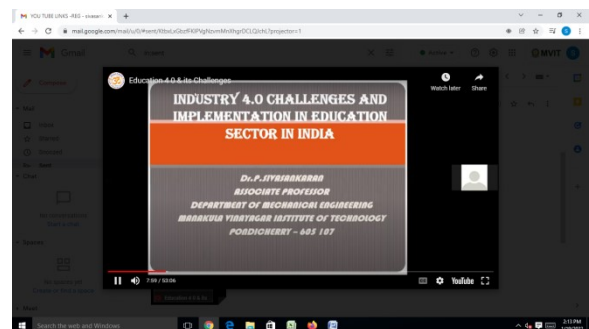


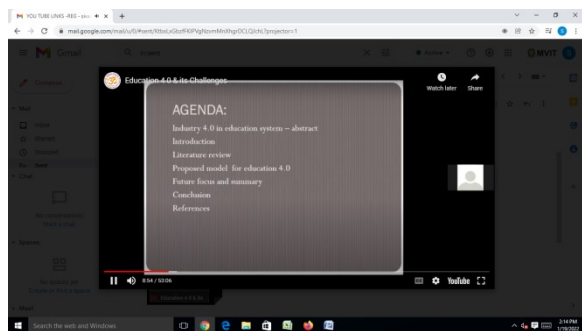
Department of Mechanical Engineering in association with ISHRAE students chapter MVIT has organized Technical Talk for Students under the theme **“Energy Simulation In Buildings”** which is held on 8<sup>th</sup> December 2021. Dr.V.Antony Aroul Raj, Zonal Chair south, ISHRAE Students Activities and Professor & Research Coordinator, Easwari

Engineering College was the chief guest of the program.



Department of Mechanical Engineering has organized a workshop on **Fundamentals Of Industrial Robotics In HVAC** held on 24<sup>th</sup> November 2021 organized by ISHRAE MVIT students Chapter, Pondicherry. Dr.P.Sivasankaran, Associate Professor, Department of Mechanical Engineering, Manakula Vinayagar Institute of Technology Was the chief guest





Department of Mechanical Engineering has organized a workshop on “Education 4.0 and its opportunities” held on 11<sup>th</sup> December 2021 organized by ISHRAE MVIT students Chapter, Pondicherry. Dr.P.Sivasankaran, Associate Professor, Department of Mechanical Engineering, Manakula Vinayagar Institute of Technology Was the chief guest

## STAFF ACTIVITIES

### JOURNAL PUBLICATIONS

Mr.B.Vasanth & Mr.J.Sugumaran Published a paper titled “Experimental studies of Mechanical Properties of Hybrid Fiber composites “,, International Journal of Scientific Research in Science , Engineering and Technology,2021.

Dr.P.Sivasankaran&Dr.B.Radjaram published a paper titled “ Quality Benchmarking in Business performance using surveying technique – Review”, International Journal Of Research – Granthaalayah , 2021.

Dr.B.Radjaram Professor & Head Of Mechanical Engineering , Manakula Vinayagar Institute Of Technology ,Pondicherry is elected as chairman ,The Institution of Engineers India(IEI) Puducherry state center for the year 2021-23.

Dr.B.Radjaram Professor & Head Of Mechanical Engineering, Manakula Vinayagar Institute Of Technology, Pondicherry is elected as president of ISHRAE ,Puducherry sub chapter ,NBOG ,National Board of Governance Submit at Hyderabad on 2<sup>nd</sup> and 4<sup>th</sup> December 2021.

### FDP COURSE

Ms.R.Viji has participated in 2 different FDP’S organized by ATAL 1. Robotics (15.11.21 to 19.11.21) 2. 3D Printing & Design (6/12/21 to 10/12/21)

## WEBINAR

Dr.P.Sivasankaran/Assoc Prof /Mech Engg gave a talk on Fundamentals of Industrial Robotics – session 1 held on 6<sup>th</sup> November 2021 ,Organized by Santhana Research Foundation and Training Institute , Karnataka .

Dr.P.Sivasankaran /Assoc Prof/ Mech Engg gave a talk on Fundamentals of Material Handling robots – session 2 held on 21<sup>st</sup> November 2021, Organized by Santhana Research Foundation and Training Institute , Karnataka .

Dr.P.Sivasankaran /Assoc Prof/ Mech Engg gave a talk on Fundamentals of Robotics Work cell Design – session 3 held on 19<sup>th</sup> December 2021, Organized by Santhana Research Foundation and Training Institute, Karnataka

## STUDENTS ACTIVITIES

Mr.VenkatRagav ,Mr.Sriram & Mr.Mohanram from final year Mechanical Engineering participated in Project Competition titled: “ECOVISION” Organized by NIT Warangal through virtual mode held on 1<sup>st</sup> December 2021.

## PLACEMENT DATA

Students from Mechanical Engineering current final year batch 2018-22 has placed in reputed IT companies. The details with count are given below:

CTS – 14 placed

TCS – 05 placed

Wipro – 01 placed

Verzeo – 04 placed