

Toc H Institute of Science & Technology, Arakkunnam

Department of Mechanical Engineering

Academic Year 2017 - 18

Manorama – Gillette Placement Drive for Mechanical Engineering Students.



Expert talk on “The Journey of an Entrepreneur”

- **IEDC** in association with the Department of Mechanical Engineering, TIST conducted an expert talk on “The Journey of an Entrepreneur” for the students of Mechanical Engineering Department on 23rd March 2018 with an aim to impart technical skills and instill innovative mind in budding engineers and nurture them as future entrepreneurs. The session was handled by Mr. Babu Shankar, Asst. Professor, St. Joseph College of Engineering, Pala.







INNOVATIONS & ENTREPRENEURSHIP DEVELOPMENT CENTRE (IEDC)

in association with
Dept of Mechanical Engineering



create something!

THE JOURNEY OF AN ENTREPRENEUR

23rd MARCH 2018

powered by

Toc H Institute of Science And Technology
Arakkunnam P.O , Ernakulam



Five Day workshop on HVAC

Five Day workshop on HVAC was conducted in the Department of Mechanical Engineering in association with ISHRAE, KITCO and DAIKIN from 18th to 22nd December 2017. The workshop aims to grab the technical knowledge from the expertise of DAIKIN, KITCO and ISHRAE by way of which the participants are exposed to various facets of the Air conditioning industry, which will produce thousands of new jobs in the next decades as market for these products expand.

The workshop included basic fundamental theory sessions, Core detailing aspects, Types of air conditioning systems, Fault findings and trouble Shooting, Load calculation and technical talks.

Technical talks on Inverter Air conditioners, Variable Refrigerant Volume Air Conditioner and Introduction to Tekla software were handled by speakers from industries. As part of the workshop, the participants were sent to Cochin International Airport Ltd. (CIAL) for the site visit.













- A workshop on Solid Works was conducted for the 4th Year Students in association with CADD Center.
- A 5 day workshop on AUTOCAD was conducted for the S4 students 12th July 2017 to 17th July 2017.

Tech Fest

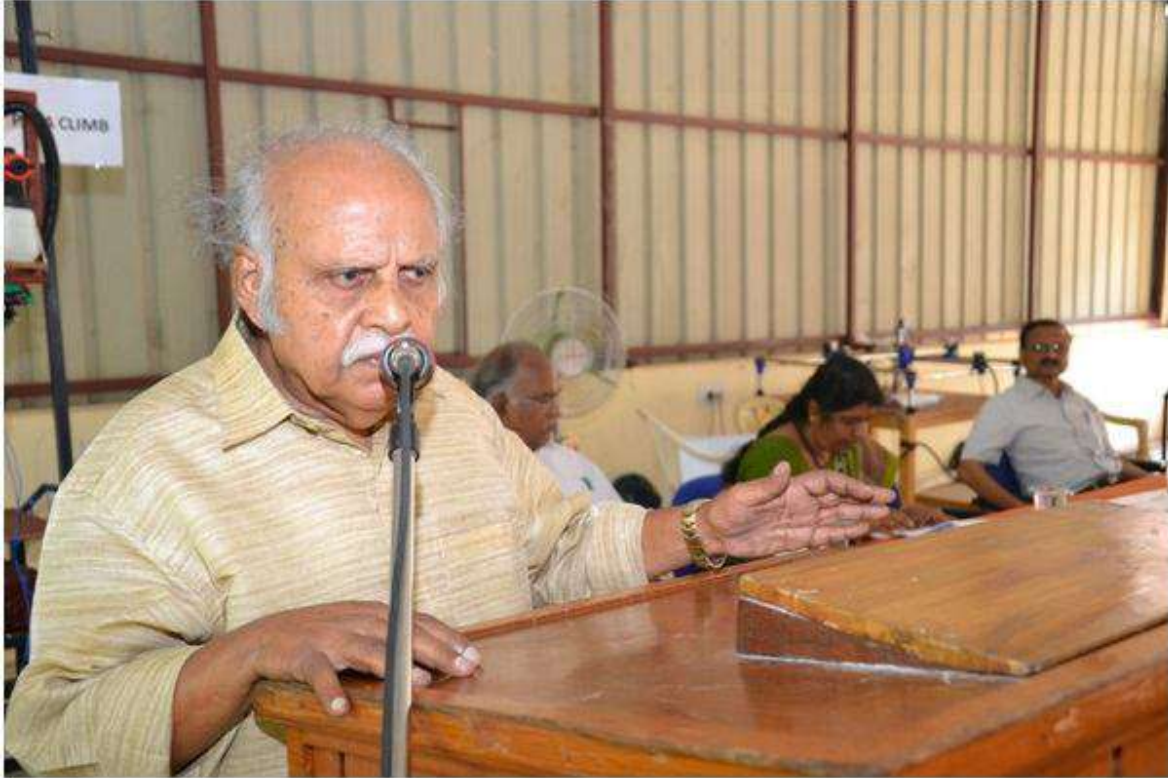
- The Department of Mechanical Engineering conducted a Tech Fest on 24th November 2017. Technical events such as Technical quiz, Paper Presentation, Defect Analysis and Cultural Events were conducted as a part of the Fest.



• Project Exhibition- 2018

The Department of Mechanical Engineering organized a Project Exhibition, which showcased the projects carried out by the undergraduate engineering students during the final year of their four year B.Tech degree programme. Projects were on display at the Radhakrishnan Auditorium, TIST.

These projects revealed the extent of the diversity of research areas. Each project was the product of individual work, guided by a supervisor, but produced by the student using the skills acquired over the course of the engineering degree: a capability for technical research, the design and implementation of experiments, the application of scientific methods and the analysis and interpretation of data to obtain valid conclusions.

















- **FACULTY DEVELOPMENT PROGRAMS**

The Department of Mechanical Engineering organized a 5 day workshop on HVAC in association with DAIKIN, ISHRAE and KITCO from 18th December to 22nd December 2017. An industrial visit was organized to Infopark, Kakkanad, in association with KITCO as a part of the workshop to visit the HVAC plant of LULU Cyber tower.



- Agosh M C attended an FDP on Supply Chain Management at SNGCE, Kolenchery from 18-12-2017 to 22-12-2017.
- Mahesh C attended a Symposium on Composites: Design, Modelling and Synthesis at Amal Jyothi Engineering College from 18-01-2018 to 20-01-2018. He also attended a Workshop on Applied Mechanics at DRDO Hyderabad from 15-02-2018 to 16-02-2018.
- Mr Praveen R attended an FDP on Advanced Materials at M A College Kothamangalam on 15th February 2018.
- Vivek V Kumar attended and FDP on "Open Foam" at Universal College, Irinjalkkuda from 26-12-2017-30-12-2017.
- 13 Faculty members of Mechanical Dept. attended a Conference on Infrastructural Developments in Kerala at BTH Sarovaram.
- Mr Praveen R, Mr. Radhakrishnan P and Mr. Agosh M C attended a 5 day FDP on "Emerging trends in Nanoscience and Nanotechnology at Adi Shankara Institute of Science & Technology, Kalady from 17/4/18 to 21/04/18

DIY (Do It Yourself) QUADCOPTER WORKSHOP

A half day workshop on DIY (Do It Yourself) RC projects was conducted by the Aeromodelling club of ME Department, TIST. The resource person Mr. Saji Thomas, a differently abled person who has entered "India Book of Records", for building an Engine powered Micro light Aircraft.

An exposure on quadcopter building and flying using KK2 flight controller was also given.





Technical talk on Heating, Ventilation and Air-conditioning

Dr. S V Venkatachalam, Scientist F, ISRO, Bangalore, delivered a technical talk on Heating, Ventilation & Air conditioning on 22/09/2017 for Mechanical Engineering students and all faculties

