ACADEMIC YEAR 2014 – 15

Seminar on "Sustainable development through Mechanical Engineering"

A two day seminar was organized from 11th - 12th August, 2014. The seminar theme concentrated on "Sustainable development through mechanical engineering". The objective of this seminar was to bring light on the inevitable role of mechanical engineers in sustainable development.

Dr. G. Madhu Principal SOE, CUSAT, delivered a technical talk on "Sustainable development as an aspect of engineering disciplines". The seminar aimed to reach out the major pillars of mechanical engineering and thereby lay the foundation for our budding engineers to work towards the betterment of our society in a sustainable way.

Dr. M. Jayaraju, Ex-Director, ANERT, Govt. of Kerala and Principal, MES Institute of Technology & Management, Kollam delivered a technical talk on "Energy Conservation – A way to sustainable development". Dr. M. Jayaraju highlighted the complex challenges of energy and sustainable development in the society.

Mr. Karthikeyan V, Director Technical, EDS Technology delivered a technical talk on the topic "Changing trends in product design - Sustainable development". In his talk he discussed current trends in sustainable product design and development.

Mr. I. Anand, DGM, Sales Department, HMT Machine Tools, made a technical talk on "Sustainable development in manufacturing industries". In his talk he pointed out that the balanced development for the society, the environment and the economy can solve social, environmental and economic issues for the casting and forging manufacturing industry and it can push the manufacturing industry towards sustainability.

Dr. K. K. Saju Professor, SOE, CUSAT, made a technical talk on "Sustainable development through use of enhanced materials.

Mr. Sajith Kumar, Group Coordinator, Ports & Logistics Division, KITCO, delivered a technical talk on "Role of mechanical engineers in urban development & innovations".

The seminar was attended by students of mechanical engineering and few external participants. The active discussion with the distinguished speakers made this program an informative one for those who participated.

Dr. G. Madhu talk on "Sustainable development as an aspect of engineering disciplines".

Aptitude Training By TIME

On 05/07/2014 the Triumphant Institute of Management Education Pvt. Ltd., Cochin, conducted one day aptitude training for S7 students in Mechanical Engineering at TIST.

ANSYS Training

Three day training on ANSYS by Mr. Venkatesh from Innovent Engineering Solutions, Bangalore was conducted on April: 16 – 18, 2015. He explained how ANSYS can be used to analyze structural designs. Later he also explained how thermal analysis can be carried out in ANSYS. The faculty were also given hands on training in ANSYS.

Training in robot programming

3-day successful training on Robotic programming was attended by Asst. Prof. Agosh M. C, Asst. Prof. Vysakh, Asst. Prof. Praveen R, Asst. Prof. Anoof M. S., Mr. Regi Paul and Mr. Sreekumar. The classes were taken by resource people from M/s Effica Automation PVT LTD.

Research projects and funding

Dr. Natrajan from VIT, Vellore on April 17th, 2015 took a technical presentation on Research projects and funding. In his talk he described how effectively an ethically researchers can carry out their research. He exemplified his talk with the numerous research projects that he carried out along with other researchers in VIT. He showed that it's more important to do a research on topics that is relevant to the society rather than mere study bound theoretical projects.

Latest Trends in Automobiles

Mr. Johny, Senior Technical Engineer, Mahindra & Mahindra on January 29th, 2015 made a tech talk on the Latest Trends in Automobiles with a special reference to the new age mechanical - electrical components

Training at FACT

The training for final year B Tech Mechanical engineering students was organized in Fertilizers and Chemical Travancore Ltd (FACT) from 20th—24th July, 2015. The entire program was structured to help the students in understanding the different applications of engineering principles and theories. Five technical sessions were taken during the training period, accompanied by a plant visit.