

## **WORKSHOP : ONE DAY WORKSHOP ON RECENT TRENDS IN RENEWABLE ENERGY**

DATE: 04-01-2018

LOCATION: TRP AUDITORIUM

NUMBER OF PARTICIPANTS: 200

“All the life of the universe maybe regarded as manifestations of energy masquerading in various forms, and all the changes in the universe as energy running about from one of these forms to the other, but always without altering the total amount.”

The Energy Club of SRM Easwari Engineering College conducted a workshop on the 04<sup>th</sup> of January 2017 in the TRP Auditorium. The event started off with the speech on “Energy and Second Law” by Dr. Antony Aroul Raj, Professor, Mechanical Department, EEC. He gave a brief about the basics of energy and power and brought the concentration of the students towards the daily consumption of energy and how this energy usage is being used. He also spoke about the various needs of energy and how the rate is calculated based on the usage by the consumers.



After this brief, the event started with the prayer song after the arrival of the Chief Guest, Dr.S.INIYAN, Professor, Institute of Energy Studies, Department of Mechanical Engineering, Anna University, Chennai.

The heads of departments EEE and MECHANICAL addressed the gathering and they expressed their gratitude to the chief guest. This was followed by the introduction of the chief guest which was then followed by the chief guest's address.

He started his speech by first explaining the importance of renewable energy and why it is the source for the future generations. He explained that not all energy needs can be met using the natural fossils and that more of renewable sources of energy need to be opted for sustaining the ecological balance. The various ways of generating renewable energy from different sources was pointed out by Dr.S.Iniyan, which mainly included Solar and Wind Energy. He exclaimed that Solar Energy is the Source of Energy for the future and that many research is ongoing in this arena. He pointed out that in the past few decades, this source of energy option has seen much development and that it was an astonishing improvement.

He then went on to explain about Wind as a source of energy. He explained that, “We have to slow down the emissions of carbon dioxide and methane from coal burning, oil and eventually natural gas, and that the best ways to do that are energy efficiency and a switch to renewables.”

Lastly, he gave details on the present power production in India, from natural sources and renewable sources of energy using pictorials and graphs. He explained that in India, a goal was set up for the production of energy from the sun. He explained that in the past, this goal was unachievable and that it was considered impossible. But, as research continues in this arena, the production of energy was improved at a faster rate than the expected rate. Thus, he predicts that in the future due to the improvements, this sector will become one of the most vital in the energy industry.

It was a thought provoking speech and was really informative for the students attending the workshop. The event concluded with the National Anthem and the students dispersed.

#### **SPEAKERS FOR THE EVENT:**

- **Dr.V.AntonyAroulRaj,Ph.D.,Professor .,Department Of Mechanical Engineering., Easwari Engineering College.**
- **Dr.S.Iniyan.,Ph.D.,Institute of Energy Studies.,AnnaUniversity.,Chennai.**
- **Mr.P.MarishKumar,M.E.,Professor and Coordinator of Energy Club.**

# EVENT: “RAMPWALK OF BRAINS”

DATE: 12.02.2018

VENUE: HI-TECH HALL-1

NO. OF STUDENTS PARTICIPATED: 70



## DESCRIPTION:

On behalf of The energy club of Easwari Engineering college, “RAMPWALK OF BRAINS” ,a one day event to bring out the innovative ideas of students was conducted . More than 25 teams registered for the event out of which 17 ideas were shortlisted and they were called for round -1. In the first round, under the judgement of Mr.Narayanan , from SRM AXIS INTELLECTS,pvt ltd, the teams were judged based on their presentation skills. Six teams got selected for round -2.



Round -2 started off with the Principal address and a short message from the Viceprincipal. The judges for round-2 were Dr.Kaliappan[Proferssor and Head – EEE]&Dr.Elango[Professor and Head –Mechanical]. The teams presented their ideas infront of the judges and answered the questions raised by the judges.

The most innovative idea was declared as winner with a cash prize of RS.1000/- ,the first runnerup with Rs.750/-and the second runnerup with Rs.500/-, The entire event was made paperfree as a initiative by The Energy club of EEC.