

CAET Godhra organized One day interactive workshop on “Energy Conservation and its Awareness” on 9th February, 2016

With support and active participation from Gujarat Energy Development Agency, Gandhinagar, a one day interactive workshop on energy conservation and its awareness was organized at College of Agricultural Engineering & Technology (AAU) Godhra on 9th February 2016. During the program a practical approach for understanding the emerging issues pertaining to energy availability, its conservation, required strategies to solve the vital/emerging issues. Series of short technical sessions were conducted under the guidance of experienced energy experts, who gave ample importance on energy auditing at various levels. These experts namely, m/s Jaishrikrishna Engineers, Godhra and Global Energy Consultancy Services, Vadodara, presented practically important scenarios in regards to energy budgets for agricultural & non agricultural interventions.

There were about 100 participants, encompassing about 30 faculty members/staff, Senior UG students, and PG students of CAET Godhra. After accomplishing the inaugural session, Dr. M.L. Gaur, Principal, CAET Godhra, welcomed dignitaries on dias, which included Prof J. P. Bholanda, Professor, Govt Engineering College, Godhra & Ex Principal Polytechnic College Godhra; facilitator of the programme Er. V.T. Bholanda, Jaishrikrishna Engineers, Godhra and Er. R. M. Panchal, Ex Chief Engineer, MGVCL Gujarat and presently Head, Global Energy Consultancy Services, Vadodara. In his inaugural address, Dr Gaur, set the relevant sight for day long discussions on energy based issues & opportunities in agricultural sector to have a day long discussion & brain storming session. Er. V. T. Bholanda, Professor, Govt Engineering College Godhra, emphasized on wider utility of solar power in campus as well as to promote & propagate its adoption in agrarian & rural settings. He gave detailed information for participants briefly overviewed on emerging options of solar & bio energy with a good model show (100 KW) at Govt Engineering College Godhra, which have strong replicability in the region. Dr. M. L. Gaur, Principal, CAET Godhra presented an attractive power point presentation before the house to reflect the water-energy nexus and available sets of opportunities and potential in the region. After his practical oriented lecture, the dignitaries presented their field oriented exposures and emerging issues on energy sector and had close one to one interaction with students and faculty to evolve and create active awareness on energy conservation at micro scales even in the room of a student.

The day long workshop was very much liked by the students where a wide range of energy aspects were deeply covered viz. “Need for Energy Conservation – Energy Scenario”, “Systems Approach & Energy Audit”, “EC Opportunities in Motors”, “Pumps & Variable Speed Drives”, “Energy Efficient Lightening - Techniques & Technologies”, “EC Opportunities in Refrigeration, Air- conditioning & Compressors”, “EC Opportunities in Boilers & Furnaces’ and

“Renewable Energy Sources- types and importance” using power point presentation/questionnaire mode



A few Glimpses of Energy Conservation Seminar at CAET Godhra

At the end of workshop programme, a valedictory session was organized with live interaction with expert of energy auditor; where three students from under graduate and two students from post graduate students given their feedback and the facilitator also shared their experiences and reaction on it. The points emerged during student-expert inter reactions were as follows,

- Students realized it deeply that the programme was very useful for generate awareness to save the country a lot of money when we save energy.
- The facilitator mentioned the vibrancy and energy of the group, and were impressed with the active inputs & interests from students and appreciated the quality level of free interaction among different batches of students.
- Students also expressed their happiness and thankfulness for arranging and managing such smart programme from GEDA that too free of cost.

One of the common slogan emerged after this interactive workshop was *“When you conserve energy within your own life, you not only protect the environment that you live in but your wallet is protected as well”*

Program ended with Vote of thanks by Dr D K Vyas, Asstt Professor, RE Deptt, CAET Godhra, who took lot of pain in managing the event.