

DEPARTMENT OF RENEWABLE ENERGY ENGINEERING COLLEGE OF AGRICULTURAL ENGINEERING AND TECHNOLOGY ANAND AGRICULTURAL UNIVERSITY, GODHRA



One-Day Workshop on



Organized by the Department of Renewable Energy Engineering, College of Agricultural University, Godhra Sponsored by Gujarat Energy Development Agency (GEDA)

A one-day workshop on Energy Conservation, combining theoretical and practical awareness, was successfully organized by the Department of Renewable Energy Engineering, College of Agricultural University, Godhra, on 15th February 2025. The program was sponsored by the Gujarat Energy Development Agency (GEDA) and featured technical experts from GEDA-authorized consultants, including Mr. R.M. Panchal from Global Energy Consultancy and Mr. D.N. Shah, an energy auditor and chartered engineer and co-sponsored by Advance Centre for Research and Trainers Training on Agricultural Engineering based Interventions scheme.

The workshop saw enthusiastic participation from approximately 75 students, including B.Tech second-year, third-year, and final-year students, as well as M.Tech Agricultural Engineering and PhD students. The event was coordinated by Dr. D.K. Vyas, Professor, Department of Renewable Energy Engineering, and co-coordinated by Dr. J. Sravankumar, Assistant Professor (Electrical Engineering), Department of Renewable Energy Engineering.

The inaugural session began with a welcome address by Dr. J. Sravankumar, who oriented participants toward the theme of energy conservation. Dr. D.K. Vyas emphasized the critical need for energy conservation in today's world, highlighting its role in sustainable development. The experts outlined the agenda for the day, and the session was formally inaugurated with presidential remarks by Dr. Pankaj Gupta, I/C Principal and Dean.

The technical sessions covered a wide range of topics, including:

- Fundamentals of energy conservation and its importance in agriculture and daily life.
- Practical strategies for reducing energy consumption in residential, commercial, and industrial sectors.
- Role of renewable energy technologies in energy conservation.
- Energy auditing techniques and tools for identifying energy-saving opportunities.
- Case studies and success stories of energy conservation initiatives.
- Government policies and incentives promoting energy efficiency and conservation.

The sessions were interactive, with participants engaging in discussions and practical demonstrations. The experts shared valuable insights and hands-on knowledge, enabling attendees to understand the implementation of energy conservation measures effectively.

The valedictory session included feedback from students and experts, highlighting the workshop's impact and relevance. Dr. R. Subbaiah, Principal and Dean, delivered the presidential remarks, emphasizing the importance of such initiatives in fostering a culture of energy conservation. The workshop concluded with the distribution of certificates to participants, marking the successful culmination of the program.

This workshop served as an excellent platform for raising awareness and equipping participants with the knowledge and skills necessary to contribute to energy conservation efforts in their respective fields. The active participation of students from diverse academic levels underscored the importance of energy conservation as a critical topic for future engineers and researchers.

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