



Government Engineering College, Gandhinagar

Brief Report on “Energy Conservation Awareness Workshop”

Name Of Department/Organizer	Electrical Engineering Department
Date & Time	17/08/2026 At 10:30 AM
Venue	C. V. Raman Hall, GEC Gandhinagar
No. of Participants	70
Co-Ordinated By	Prof. Jignasha Prajapati

• Objective of The Event

On 17th August 2026, An **Energy Conservation Awareness Workshop** was organized as a part of the academic curriculum for students of the Electrical Engineering Department at **Government Engineering College, Gandhinagar**. The workshop was organized by **IIT Gandhinagar** and sponsored by **GEDA**, with **Prof. J. A. Prajapati** as the Event Coordinator, **Dr. Kunal A. Bhatt** as the Mentor, and **Dr. S. P. Dave** as the Patron. The primary objective of this event was to bridge the gap between theoretical knowledge and practical applications of energy conservation, energy efficiency, sustainability, and renewable energy technologies. The workshop aimed to provide students with an understanding of energy conservation opportunities in industrial utilities such as pumps, compressors, fans, lighting and HVAC systems, along with star-labelled appliances, BEE schemes, electric vehicles, solar rooftop systems, and recent developments in renewable energy. Students were also given practical exposure to **Energy Auditing and Instrumentation**, including demonstrations and hands-on measurement of energy-conservation parameters, thereby enhancing their technical knowledge and practical understanding of efficient and sustainable energy utilization.

Outcome of The Event

The **Energy Conservation Awareness Workshop** was an important initiative that helped the students to gain practical awareness and a responsible attitude towards energy use. By attending the workshop, the Electrical Engineering students were able to gain knowledge about the application of energy conservation techniques in practical, electrical and industrial scenarios. Through the workshop, students became aware of the possible ways through which energy conservation techniques can be applied in pumps, compressors, fans, lighting and HVAC systems; besides, their awareness regarding energy efficient appliances, BEE schemes, electric vehicles, solar rooftop systems and other renewable energy sources was increased. Moreover, the laboratory experiments allowed the students to learn about the instrumentation used for energy audit and

practical measurement of energy related parameters. In short, by attending the workshop, students were able to relate their academic theories with practical aspects of energy audit and understand the importance of efficient energy management in sustainable development.

- **Event Photographs**

