

REPORT OF WORKSHOP

Title of the Seminar:		One day workshop on” Innovation for energy: Powering tomorrow “	
Under the aegis of which Divisional Board:		Electrical Engg. Division	
Program Date:	January 03, 2026	Program Time:	Tuesday 10:00 am to 5:00 pm
Associate organization (if any):		Electrical Engineering Department , BBIT	
No. of Participants logged in		100	

Report of the event

Expert No. 1

Name: Devendra Patel
Designation: Energy Consultant , Shreeji Tech

Credential in Brief: Devendra Patel holds an M.Tech from IIT Bombay in Power Electronics and brings over 16 years of experience in automotive electronics. He has worked with leading American MNCs including Delphi Automotive, General Motors, Cummins India, and Inteva Products. His expertise includes design and development of engine and emission controllers, along with power electronics design for electric vehicles. Over the past 3 years, he has been working as an Energy Audit Consultant.



Excerpts of deliberation:

During the session, Devendra Patel created strong awareness about the importance of energy conservation in both daily life and industrial applications. He explained practical methods to reduce energy consumption through the use of energy-efficient appliances such as LED lighting and efficient electrical equipment. He provided insights into residential, commercial, and industrial electricity tariffs and demonstrated electricity bill analysis using real-life examples. The session also highlighted the financial and technical benefits of improving power factor and managing peak load demand. He introduced the concept and process of energy auditing, including the tools and instruments used in audits. Through practical demonstrations and examples, he encouraged participants to adopt energy-efficient practices for sustainable development.

Expert No. 2

Name: Dr. Yogesh R Prajapati,
Designation: Assistant Professor, BVM College

Credential in Brief: Dr. Yogesh Prajapati is an expert in the fields of Energy Audit and Energy Management. With his extensive experience, he has worked with several government agencies, including the Gujarat Energy Development Agency (GEDA) under the Government of Gujarat (GOG), as well as with various consultancy projects. Dr. Yogesh Prajapati is an experienced professional in the field of power systems. He holds both a Master's and a Ph.D. in Power Systems and has a well-rounded career spanning 14 years of teaching and 1.8 years of field experience in the electrical department.



Excerpts of deliberation: Dr. Y. R. Prajapati, a renowned expert in industrial energy auditing, shared valuable insights during the one-day workshop on "Energy Conservation for Sustainable Growth." The session emphasized the critical role of energy audits in optimizing industrial processes and reducing energy consumption.

Key points included:

- The importance of identifying energy inefficiencies and implementing cost-effective solutions.
- The integration of advanced technologies for monitoring and managing energy use.
- Case studies showcasing successful energy-saving measures in industries. The deliberation highlighted energy auditing as a cornerstone for achieving sustainable industrial growth while addressing environmental challenges effectively.

About Program: Workshop on Energy Conservation for Sustainable Growth. The one-day workshop on "Energy Conservation for Sustainable Growth" focuses on fostering awareness and actionable strategies to conserve energy, ensuring a sustainable future. The program emphasizes efficient energy management, renewable energy adoption, and innovative practices to reduce energy consumption in industries, homes, and institutions. Participants will gain insights from expert speakers, engage in interactive sessions, and explore case studies showcasing successful energy conservation initiatives. This workshop aims to equip attendees with practical knowledge to implement energy-saving measures and contribute to a resilient, eco-friendly future, aligning with global sustainability goals. Join us to drive impactful change for a better tomorrow.

Outcomes of Program: The program outcomes emphasize equipping participants with knowledge and skills for sustainable development and innovative practices. Attendees will gain a deep understanding of energy efficiency, renewable technologies, and environmental conservation. The program fosters critical thinking and practical applications in areas such as energy audits, green technologies, and futuristic trends. It will inspire participants to integrate sustainable strategies into their professional practices and organizations. Networking opportunities will allow collaboration among industry experts, academicians, and professionals. By the end of the program, participants will be empowered to contribute to achieving global sustainability goals, drive innovation, and play a vital role in shaping a resilient and sustainable future.

Names of the committee members:

Coordinator:

Mrs. Shweta Y. Prajapati

Team Members:

Prof. J. B. Solanki

Prof. Arvind Prajapati

Prof. Samir Chauhan

Comments of participants:

- Informative and practical session with real-world insights.
- Gained a deeper understanding of energy audit processes.
- Excellent case studies shared by Dr. Prajapati.
- Highly engaging and well-structured workshop.

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Program Schedule

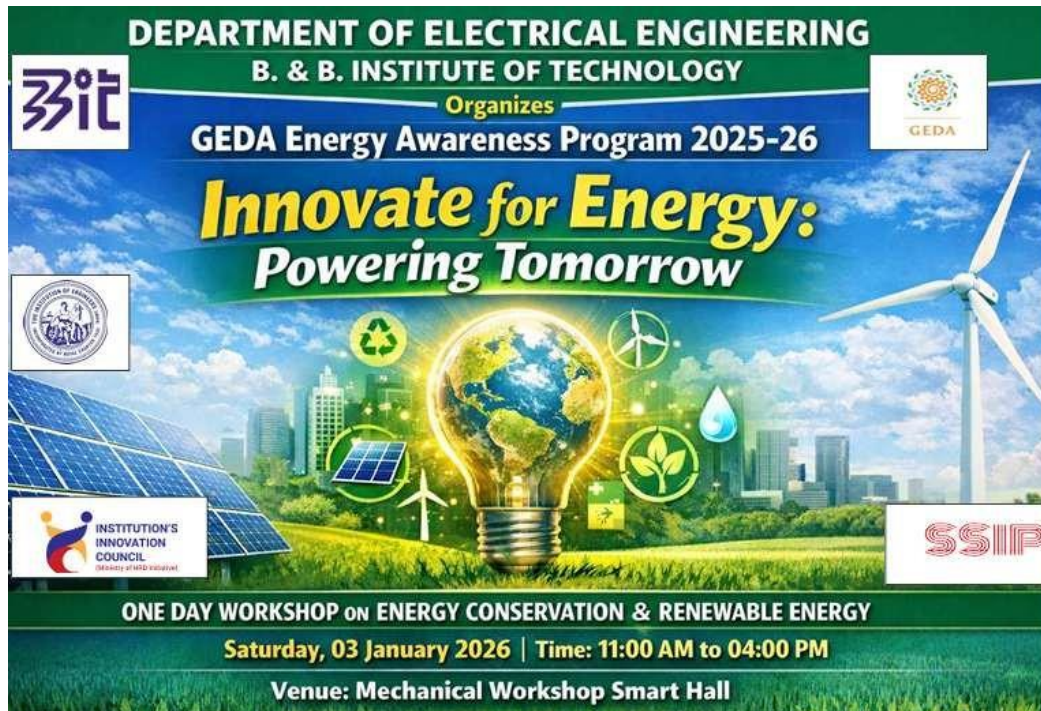
One Day Workshop on Energy Conservation for Sustainable Growth

Date: 3rd January 2026

Venue: Mechanical Smart Room, B & B Institute of Technology, Vallabh Vidyanagar

Time	Activity	Details
10:15 AM	Registration	Participant registration and kit distribution
11:00 AM	Inauguration Session	Welcome address, dignitaries' floral welcome, and opening remarks by Chief Guest and Principal
11:30 AM	Expert Session 1	Topic: Importance of Energy Conservation for Sustainable Development – Speaker: Er. Devendra Patel
01:15 PM	Lunch Break	Refreshments provided
02:15 PM	Expert Session 2	Topic: Innovative Strategies for Energy Conservation in Industries – Speaker: Dr. Y. R. Prajapati
03:30 PM	Practical Session	Hands-on demonstration and energy conservation practices
04:30 PM	Valedictory & Certificate Distribution	Closing remarks, certificate distribution, and vote of thanks
05:00 PM	Program Concludes	—

Banner & Photographs of the Event:



Registration Desk



Well Come Speech



MOTIVATIONAL SPEECH



PARTICIPANTS



first female Chairperson of the **IEI Speech**



Coordinator of the **SSIP Cell**



Participants



Expert Delivering Knowledge



CERTIFICATE DISTRIBUTION

Signature of Coordinator

Mrs. Shweta Y. Prajapati