


## REPORT OF WORKSHOP ORGANISED BY CENTRES / FORA

Name of the Centre / Forum		Vallabh Vidyanagar Local Centre	
Title of the Workshop:		One Day Workshop On Energy Conservation for Sustainable Growth	
Under the aegis of which Divisional Board:		Department of Electrical of BBIT	
Program Date:	31 <sup>st</sup> December 2024	Program Time:	10:00 to 5:15 PM
Associate organization (if any):		The Institute of Engineers (India) Vallabh Vidyanagar Local Center, SSIP Cell, BBIT. GEDA , Gandhinagar	
No. of Participants logged in		95	

### Report of the event

#### Keynote Speaker:

<b>Name:</b> Er. B. N. Raval	
<b>Designation:</b> Director – Soham Technologies	
<p><b>Credential in Brief:</b>  Er. Bhasker Nayanchandra Raval, an esteemed professional with over 45 years of experience, has held prominent positions including Former Chief Electrical Inspector, Collector of Electricity Duty, and Chief Engineer at GETCO, Gandhinagar. He is an Accredited Energy Auditor by the Government of Gujarat and the Gujarat Energy Development Agency, as well as a Certified Energy Auditor by the Bureau of Energy Efficiency. Additionally, he is an Accredited Water Auditor from the National Productivity Council (NPC).  Having audited over 120 industries in Gujarat, he serves as a Senior Consultant to FICCI for Demand Side Management Projects and has trained more than 15,000 students and engineers worldwide.</p>	
<p><b>Er. B. N. Raval</b></p>	
<p><b>Excerpts of deliberation:</b>  The workshop, led by Er. B.N. Raval, highlighted critical strategies for energy conservation as a cornerstone for sustainable growth. Emphasizing the global urgency to mitigate energy wastage, B. N. Raval discussed innovative technologies, energy audits, and demand-side management practices.  He shared insights from over 45 years of experience, showcasing real-world examples of industrial energy optimization. The deliberations focused on integrating renewable energy, fostering energy-efficient practices, and aligning with government policies.  Participants gained practical knowledge, actionable strategies, and inspiration to adopt sustainable approaches. The session underscored energy conservation’s pivotal role in achieving long-term economic and environmental sustainability.</p>	

## 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.



*Dr. Yogesh R.  
Prajapati*

### 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:**

- **Convener:**

Prof. Ashok A Parmar	Dr Ankit P Shah
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- **Coordinator:**

Mrs. Shweta Y. Prajapati	Prof. Paresh S. Chaudhari	
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- **Team Members:**

Prof. Ronak Vaishnav	Prof. Arvind Prajapati	Prof. Dhaval Patel
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**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.

## Schedule

### **Bhailalbai & Bhikhabhai Institute of Technology**

#### **One Day Workshop on “Energy Conservation for Sustainable Growth”**

**Date:** 31<sup>st</sup> December 2024

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

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

## Banner & Photographs of the Event:

### Registration Form

One Day Workshop  
on  
"ENERGY CONSERVATION FOR  
SUSTAINABLE GROWTH"  
31st December 2024  
supported by  
The Institution of Engineers (India),  
Vallbhvidyanagar Local Centre  
B & B Institute of Technology

Name: \_\_\_\_\_  
Designation: \_\_\_\_\_  
Department \_\_\_\_\_  
Institute/organization/Industry \_\_\_\_\_  
Experience in Years \_\_\_\_\_  
Address: \_\_\_\_\_  
Contact Number: \_\_\_\_\_  
E-mail: \_\_\_\_\_  
IE(I) Membership (YES/NO) \_\_\_\_\_  
If Yes, Life Membership Number: \_\_\_\_\_  
I certified that above information is true to  
the best of my knowledge and the applicable  
is authorized to attend.

Signature & Seal of Employer/ Head of Institution

**Last Date for Application is  
29th December, 2024.**

  
: Chief Patron :  
**Er. Bhikhubhai B. Patel**  
(Hon. Chairman, CVM)

: Patrons :  
**Shri. Manishbhai S. Patel**  
(Vice - President, CVM)  
**Dr. S. G. Patel**  
(Hon. Secretary, CVM)  
**Shri. R. C. Talati**  
(Hon. Jt. Secretary, CVM)

: Advisory Committee :  
**Dr. Arti Pamnani**  
(Chairman, IE(I), VVLC)  
**Shri. Amit Raval**  
(Hon. Secretary, IE(I), VVLC)  
**Dr. R. D. Patel**  
(Executive Member, IE(I), VVLC)

: Venue :  
**Mechanical Smart Room,  
BBIT, Vallabh Vidyanagar**

Registration Link:  
<https://forms.gle/RJqHqSwP68JEa4787>

for any query Email:  
syp.ee7@gmail.com  
pareshchaudharie@gmail.com



B & B Institute of Technology,  
Vallabh Vidyanagar

One Day Workshop  
on  
"ENERGY CONSERVATION FOR  
SUSTAINABLE GROWTH"  
supported by  
The Institution of Engineers (India),  
Vallabh Vidyanagar Local Centre  
December 31, 2024



**President**  
**Dr. K. M. Makwana**  
**Convener**  
**Prof. Ashok A. Parmar**  
**Dr. Ankit P. Shah**  
**Coordinator**  
**Mrs. Shweta Y. Prajapati**  
**Shri Paresh S. Chaudhari**

### About CVM

Charutar Vidya Mandal was established in the year 1945 by Shri Bhaikaka and Shri Bhikhabhai Saheb as a charitable trust with a prime objective of rural development through education to bring about the social awakening, social upliftment and enrichment. Over the subsequent years, Dr. H M Patel (the first finance minister of India) consolidated the efforts put in by the founders. Later on, in the 1990s, CVM has started various self-financed educational institutions in the areas of Technology, Science and Engineering, Commerce and Management under the leadership of Late Dr. C. L. Patel. Recently, Er. Bhikhabhai Patel Sir took the charge of CVM as a Chairman. He is a visionary personality with a goal to enhance quality of education using recent technological advancements. At present, CVM operates 48 educational institutions with 45000 students on the rolls from 18 states and 12 countries across the world.

### About BBIT

Bhailalbhai & Bhikhabhai Institute of Technology (Polytechnic) is a Grant-in-Aid (GIA) and Self-Financed Institute Polytechnic managed by Charutar Vidya Mandal, Vallabh Vidyanagar. The institute was established in August 1958 with the intake capacity of 60 each in conventional programs like Civil, Mechanical & Electrical Engineering. Later on, institute has started new Diploma Program in Electronics & Communication in 1985 with 60 intakes and Diploma in Computer Engineering in 1986 with 60 intake. The institute has also started two programs under Self Finance pattern; in the year 2001, it has started Diploma in Information Technology with 60 intake and in 2003, Diploma in Electronics & Communication with 60 intakes. Thus to-day institute has total 780 intake capacity in different disciplines of diploma engineering.

### About Programme

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**Who should benefit:**  
**Faculties of engineering colleges /  
polytechnics / students of engineering.**

**Note:**  
**A certificate will be awarded for successful  
attending the program.**

**B & B Institute of Technology**  
Vallabh Vidyanagar - 388120



Organizes One Day Workshop

**“Energy Conservation for Sustainable Growth”**

Supported by

**The Institution of Engineers (India)**  
Vallabh Vidyanagar Local Centre, Gujarat

**31<sup>st</sup> Debember, 2024**

In association with  
**Gujarat Energy Development Agency (GEDA)**

**Electrical Engineering Department**  
BBIT, Vallabh Vidyanagar



GEDA

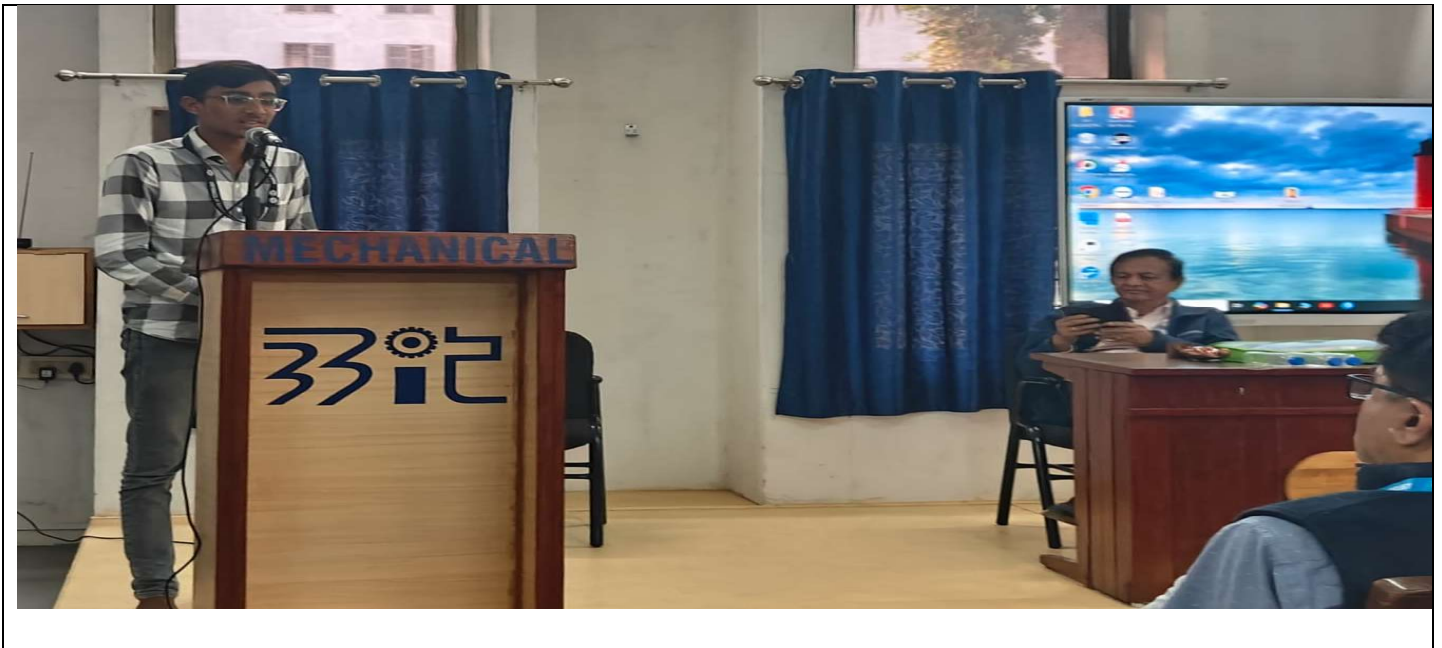














Signature of Convener and Coordinator

Prof. Ashok A. Parmar

Mrs. Shweta Y. Prajapati





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Prof. Ashok A. Parmar

Mrs. Shweta Y. Prajapati

*Ashok*  
*Shweta*

Head of Electrical (GIA)  
Engg. Dept.  
B. & B. Institute of Tech.  
V. V. Nagar 418 20

