

SAVE ENERGY, SAVE MONEY, SAVE ENVIRONMENT



**Community Science Centre, Vadodara**  
Recognized by Gujarat Council on Science and  
Technology (GUJCOST) Govt. of Gujarat

## SEMINAR ON SAVING ELECTRICITY IN INDUSTRIES

**Programme Date**  
**22<sup>nd</sup> August 2023, Tuesday**

**Programme Duration – 1 Day**  
**Time: 9.30 a.m. – 6.00 p.m.**

**Programme Fees:**  
Rs. 3000/- per participant  
10% Discount for 2 or more participants

**Venue : Seminar Hall**  
**Community Science Centre, Vadodara**  
Aarti Society, Atmajyoti Ashram Road,  
Subhanpura, Vadodara-390 023.  
**Tel: 0265-3576910,**  
**E-Mail: [cscvadodara@yahoo.co.in](mailto:cscvadodara@yahoo.co.in)**

For registration please contact

Dr. Jitendra Gavali 9725891033  
Mrs. Harshangi Yagnik 9879732645

### **Community Science Centre, Vadodara:**

(CSC) is a non-profit charitable trust (NGO) recognized by GUJCOST (Gujarat Council on Science and Technology) as a Regional Community Science Centre. The objective of the centre is to promote dissemination of knowledge in Science and Technology to urban and rural communities

### **Introduction: Seminar**

Effects of climate change are now visible everywhere. Hottest day on earth was recorded few days back. Arid regions of Kutch, Rajasthan are now regularly flooded. Europe and Japan are facing severe heatwaves. This is due to increasing Greenhouse emissions. Energy is the main source of Greenhouse emissions. Reducing emissions require highest efficiency in energy use. India is importing 85% of oil, 50% of gas and 20% of coal. Import dependence is going to increase even when Solar and Wind power will be increasing. Energy efficiency is very important for energy security. **Energy Efficiency is called First Fuel by International Energy Agency.** For Climate Change also Energy Efficiency deserves highest priority

### **About the Programme:**

The present training programme has been developed by **Dr. B. G. Desai & Late Shri J.S.Rana** who have worked in the field of Energy Efficiency in Industries for last 35 years. Programme material is continuously updated to take care of new technology development.

### **Programme Contents:**

- Energy Scene in India
- System Approach
- Energy Audit
- Motors, Pumps & Fans
- Compressed Air & Refrigeration
- PF & Demand Control
- Case Studies of BEE Award Winners
- BEE Standards and Labeling

Programme material includes latest technical information.

**Emphasis will be on discussing latest Energy Saving Technologies used in Industry with Case Studies.**

**Programme Faculty: Dr. B. G. Desai, Shri B.N.Raval (Rtd. Chief Electrical Inspector), Shri R.N.Pandya (Rtd. GEDA) & Mr. Bhavesh Vasiyani, ERDA.**

### **For Whom:**

Engineers, managers working in industries, utilities, and commercial establishment will benefit from this programme. It will be also useful to Energy Auditors and Managers.

**Programme Material:** A copy of book written by Dr. B.G.Desai “**Saving Electricity in Industry**” (Rs. 500) published in 2020 will be given to all participants

### **Programme Fees :**

Rs. 3000/- per participant  
**10% Discount for 2 or more participants**  
This includes Book worth Rs. 500 on Saving Electricity in Industry & Working Lunch.

### **Payment of Fees:**

Fees can be paid in Cash/Cheque/D.D. in favor of “**Community Science Centre, Vadodara**”.

### **❖ Bank Details for Electronic Fund Transfer**

**Name of the Bank:** Bank of Baroda  
**Account No.:** 14790100005328  
**Account Name:** Community Science Centre Vadodara  
**IFSC Code:** BARB0ATMAJY (Fifth character is Zero)  
**MICR CODE:** 390012022

### **Mailing Address :**

**Community Science Centre Vadodara**  
Aarti Society, Atmajyoti Ashram Road, Subhanpura,  
Vadodara 390023, Tel : 0265 3576910 ,  
E-Mail : [cscvadodara@yahoo.co.in](mailto:cscvadodara@yahoo.co.in)

For registration please contact

**Mrs. Harshangi Yagnik 9879732645**  
**Dr. Jitendra Gavali 9725891033**



## SEMINAR ON SAVING ELECTRICITY IN INDUSTRIES

at Community Science Centre, Vadodara

**22<sup>nd</sup> August 2023, Tuesday**

**Time: 9.00 a.m. to 6.00 p.m**

**Registration Form**

**Name and Address of the Sponsoring Organisation:**

-----  
-----

**Tel. No. :** -----

**E-Mail :** -----

**Names of the participants:**

1. -----
2. -----
3. -----

**Sponsoring Authority Signature:** -----

**Programme Fees :**

**Rs. 3000/- per participant**

**10% Discount for 2 or more participants**

**Note:** Fees shall be paid in Cash / Cheque / D.D. in favor of  
"Community Science Centre, Vadodara".

**❖ Bank Details for Electronic Fund Transfer**

**Name of the Bank:** Bank of Baroda

**Account No.:** 14790100005328

**Account Name:** Community Science Centre Vadodara

**IFSC Code:** BARB0ATMAJY (Fifth character is Zero)

**MICR CODE:** 390012022

**Mailing Address :**

**Community Science Centre Vadodara**

Aarti Society, Atmajyoti Ashram Road,

Subhanpura, Vadodara 390023

Tel : 0265-3576910 , E-Mail : [cscvadodara@yahoo.co.in](mailto:cscvadodara@yahoo.co.in)

**For registration please contact**

Dr. Jitendra Gavali 9725891033

Mrs. Harshangi Yagnik 9879732645



## Seminar on "Saving Electricity in Industries"

**22<sup>nd</sup> August 2023, Tuesday**

at Community Science Centre, Vadodara

**Time: 9.00 a.m. to 6.00 p.m.**

**Program Schedule**

Time	Subject
9.00 – 9.30	• Registration
9.30 – 10.15	• Inauguration
10.15 - 10.35	• Tea Break
10.35– 13.00	• Energy in India • Systems Approach • Energy Audit • Electric Motors • Pumps & Fans
13.00 – 13.45	• Lunch
13.45– 15.30	• Lighting • Compressed Air, Refrigeration, • Case Studies
15.30 – 15.45	• Tea Break
15.45– 17.30	• Case Studies • BEE Standard and Labeling
17.30 – 18.00	• Discussion