

SAVE ENERGY, SAVE MONEY, SAVE ENVIRONMENT



Community Science Centre, Vadodara

Recognised by Gujarat Council on Science and Technology
(GUJCOST) Govt. of Gujarat

&

**Navrachana University Vadodara
organises**

SEMINAR ON SAVING ELECTRICITY IN INDUSTRIES

Programme Date
26th August 2021, Thursday

Programme Duration – 1 Day
Time: 9.00 a.m. – 5.30 p.m.

Programme Fees:

Rs. 2000/- per participant

10% Discount for 2 or more participants
50% Discount for Students & Academicians

Due to pandemic we can accommodate
30 participants only

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

For registration please contact

Dr. Jitendra Gavali 9725891033

Mrs. Harshangi Yagnik 9879732645

Navrachana University Vadodara

Vasna - Bhayli Main Rd, Bhayli,

Vadodara 391410

Phone: 088822 06206, **E-Mail:** nuv@nuv.ac.in

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.

Navrachana University Vadodara :

(NUV) is a Private University located in Vadodara. It was created by the state of Gujarat under the Private University Act, 2009. Our mission is to create leaders who can bring about a change in local and national conditions, and make a difference internationally.

Introduction: Seminar

- India has very limited energy resources. India is importing 80% of oil and also substantial quantities of coal and gas. Energy efficiency is very important for country's energy security. Energy efficiency also offers the best option to meet challenge of climate change.
- Electricity accounts for 5% to 25% of manufacturing cost in many Industries.
- Electricity consumption & cost can be reduced by 5 to 10% for any industry by proper energy management and housekeeping with small capital expenditure. The saving can be up to 25%, if substantial capital expenditure is made.

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

Case Studies from Award Winning Industries of BEE (Bureau of Energy Efficiency) will be discussed.

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 (Retd. Chief Electrical Inspector), Dr. Prakruti Shah (Navrachana University)

For Whom:

Engineering Students, Academicians, Engineers, Energy Auditors, Managers from Institutes, Industries, Commercial etc.

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. 2000/- per participant

10% Discount for 2 or more participants

50% Discount for Students & Academicians

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 favour 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: BARBOATMAJY (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

For registration please contact

Dr. Jitendra Gavali 9725891033

Mrs. Harshangi Yagnik 9879732645



**SEMINAR ON
SAVING ELECTRICITY IN INDUSTRIES
at Community Science Centre, Vadodara
26th August 2021, Thursday, Time: 9.00 a.m.to 5.30 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. 2000/- per participant

10% Discount for 2 or more participants

50% Discount for Students & Academicians

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: BARBOATMAJY (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

For registration please contact

Dr. Jitendra Gavali 9725891033

Mrs. Harshangi Yagnik 9879732645



Seminar on "Saving Electricity in Industries"

26th August 2021, Thursday

at Community Science Centre, Vadodara

Time: 9.00 a.m.to 5.30 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
13.00 – 13.45	• Lunch
13.45– 15.30	• Solar Energy • Pumps & Fans • Lighting • Compressed Air, Refrigeration, • Power Factor & M D Control
15.30 – 15.45	• Tea Break
15.45– 17.00	• Award Winning Case Studies • BEE Standard and Labeling
17.00 - 17.30	• Discussion