



**GEDA**

ગુજરાત ઊર્જા વિકાસ એજન્સી  
GUJARAT ENERGY DEVELOPMENT AGENCY

**A Report  
On  
Gujarat Energy Development Agency (GEDA)  
Sponsored One Day Program On  
“Energy Conservation Awareness”  
On 21<sup>st</sup> September, 2016  
at Chhotubhai Gopalbhai Patel Institute of Technology,  
Department of Electrical Engineering**

<b>Title of the Workshop</b>	Energy Conservation Awareness
<b>Organizer</b>	Gujarat Energy Development Agency (GEDA) & Electrical Engineering Department, C.G. Patel Institute of Technology
<b>Chief Patron</b>	Dr. D. R. Shah, Provost, UTU.
<b>Patron</b>	Dr. N. C. Shah, Director, CGPIT.
<b>Convener</b>	Prof. Rakesh S. Gajre (H.O.D. of EC/Electrical Dept)
<b>Program Coordinators</b>	Mr. Jay Patel Mr. Ankur Rana
<b>Target Audience</b>	Faculty members and industrial person, Research scholars and Engineering students.
<b>Total Number of Participants</b>	125
<b>Date of Programme</b>	21 <sup>th</sup> September, 2016
<b>Keynotes Speakers</b>	Mr. Chetan Kumar Chauhan, Certified Energy Auditor & Manager Mr. Yogesh Prajapati, Certified Energy Auditor

## **Schedule of Workshop:**

<b>08:30 to 09:00</b>	<b>Registration</b>
<b>09:00 to 09:30</b>	<b>High Tea</b>
<b>09:30 to 10:00</b>	<b>Inaugural Session</b>
<b>09:30 to 09:35</b>	UTU Anthem
<b>09:35 to 09:42</b>	Lamp Lighting & Felicitating dignitaries with Flower Bouquet
<b>09:42 to 09:47</b>	Speech by Dr. N. C. Shah Sir
<b>09:47 to 09:52</b>	Speech by Prof. Rakesh Gajre Sir
<b>09:52 to 09:57</b>	Speech by Mr. Chetan Kumar Chauhan
<b>09:57 to 10:00</b>	Vote of Thanks by Prof. Jay Patel
<b>10:00 to 01:00</b>	<b>Technical Session I</b>
	Need for Energy Conservation – Energy Scenario
	Systems Approach & Energy Audit
	EC Opportunities in Motors
<b>01:00 to 02:00</b>	<b>Lunch Break</b>
<b>02:00 to 03:30</b>	<b>Technical Session II</b>
	Pumps, Fans & Variable Speed Drives
	Energy Efficient Lighting - Techniques & Technologies
	EC Opportunities in Refrigeration, Air-conditioning & Compressors
	EC Opportunities in Boilers & Furnaces
<b>03:30 to 04:00</b>	<b>Tea Break</b>
<b>04:00 to 04:30</b>	<b>Question-Answer, Feedback &amp; Valedictory</b>

## **Details of the Workshop:**

### **Preamble:**

Gujarat Energy Development Agency (GEDA) & Department of Electrical Engineering, CGPIT has jointly organized one day workshop on “Energy Conservation Awareness” sponsored by GEDA & Uka Tarsadia University. Total 125 participants participated in this Workshop which includes faculties, B.Tech and M.Tech students.

The inauguration ceremony of Workshop was started by UTU song followed by lamp lighting and prayer to seek the blessings of almighty. As per tradition of CGPIT, all the dignitaries were given a warm welcome and were felicitated to express respect and gratitude towards them for devoting their valuable time and gracing the workshop. The dignitaries that

graced the inauguration ceremony of workshop were Dr. N. C. Shah (Director, CGPIT), Mr. Chetan Kumar Chauhan (Certified Energy Auditor & Manager), Mr. Yogesh Prajapati (Certified Energy Auditor) and head of all the departments of CGPIT. The dignitaries and experts were felicitated by the coordinators of the workshop.

Prof. Karmani Rajput gave a brief introduction about the workshop. She introduced the experts and expressed her views about the importance of workshop. The H.O.D of electrical department, Prof. Rakesh Gajre gave the welcome speech and has thrown some light on workshop titled “Energy Conservation Awareness”. He thus explained the necessity of reducing energy consumption in the present scenario.

The Honourable Director of CGPIT, Dr. N.C. Shah gave the welcome speech. He complimented all the coordinators for the topic since energy conservation & awareness is most relevant to the present scenario. He emphasis that the students should must concentrate and explore the areas of non-conventional sectors which can also make their future bright. Prof. Jay Patel gave the vote of thanks.

### **Session Detail:**

All the sessions were very interactive and laid a very good impact on the audience.

**Session-1:** Need for Energy Conservation – Energy Scenario, Systems Approach & Energy Audit, EC Opportunities in Motors

In this session he encouraged and made students to realize the important of energy sources as with time they are getting depleted. So awareness was created and was also told how they can be part to save energy resources by conserving it. They also emphasised to move for renewable sources.

He has also explained about energy audit.

**Session-2:** Pumps, Fans & Variable Speed Drives, Energy Efficient Lighting - Techniques & Technologies, EC Opportunities in Refrigeration, Air-conditioning & Compressors, EC Opportunities in Boilers & Furnaces

In this session he gave how in our daily life we can conserve energy. This can be done at agriculture, industrial, commercial and residential level. He gave example of various equipments which can be made pumps, lighting system, cooling tower, variable frequency drives, boiler and different utilities in industrial and domestic level.

Glimpse of the Workshop:



**The Venue**



## High Tea



## Dignitaries on the dais





## Inauguration Ceremony



## Welcoming Dignitaries



**Speech by Dignitaries**



**Vote of thanks**



**Technical Sessions**





### **Workshop Coordinators with Dignitaries**

#### **Committee members of the Workshop:**

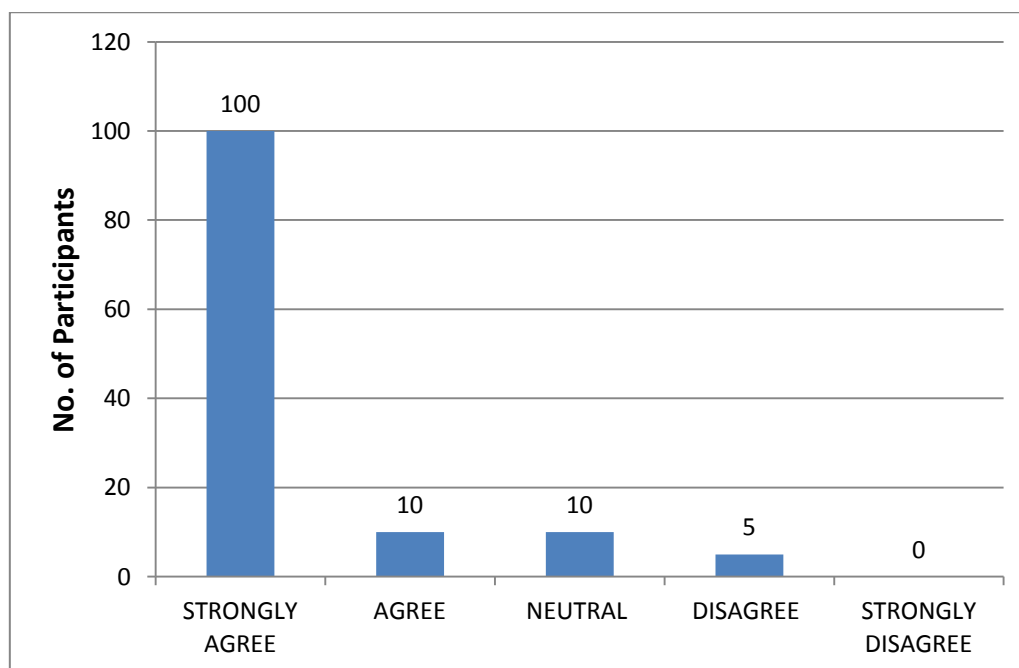
<b>Sr. no</b>	<b>Committee</b>	<b>Members</b>	<b>Tasks to be performed</b>
1	Kit purchasing and distribution	Nidhi Shah	Arrange the kit and distribute among participants during registration
2	Food Cupan, Break fast and Lunch	Ranjit Rajak Ashish Chaudhari	Make a food coupon for High Tea, Lunch and Tea for all the participants and give it to kit distribution committee, Pre-arrangement and run time arrangement of all kind of refreshment
3	Registration and Attendance sheet Making	Priyanka Patel	Registration and attendance sheet making, Verify the name during registration and sign the participants, Take a attendance of participants for all technical session
4	Stage decoration, Flower bouquets, Lamp Lighting, Detail Schedule Copy on Dias, Water Bottel, White Board and Marker	Chand Thakor Hinal Surati Rinku Panchal Yashvi Parmar	Rangoli making, Flower bouquets arrangement, Lamp lighting arrangement, Dias arrangement like water bottle, detail schedule, White board and marker arrangement
5	Anchoring	Karmani Rajput	Prepare a flow of event including inauguration, technical session and Valedictory
6	Certificates and Banner Making & Printing	Jay Patel Ankur Rana Darshan Vora	Certificates and Banner Making & Printing and hanging arrangement

7	Certificates writing and distribution	Jignesha Ahir Nitiksha Pancholi	Prepare a certificates with name of participants and sign of HOD and director
8	Photography	Umang Wani	Arrangement of camera, cell/battery run time in event, Collect the photos and send to report making committee
9	Report Making	Unnati Mali Chand Thakor	Making a report
10	Press Note relies	Hiren Sidhpuria	Making a press-note in gujarati and english immediate after completion of event
11	Feedback form Distribution and collection and evaluation of it	Arjun jariwala Zalak Vyas	Arrange a photocopy of feedback form, Distribute with kit, Collect at the end of event, Prepare a evaluation of feedback
12	Bill collection and making a file	Darshan Vora Jay Patel Ankur Rana	Final file preparation

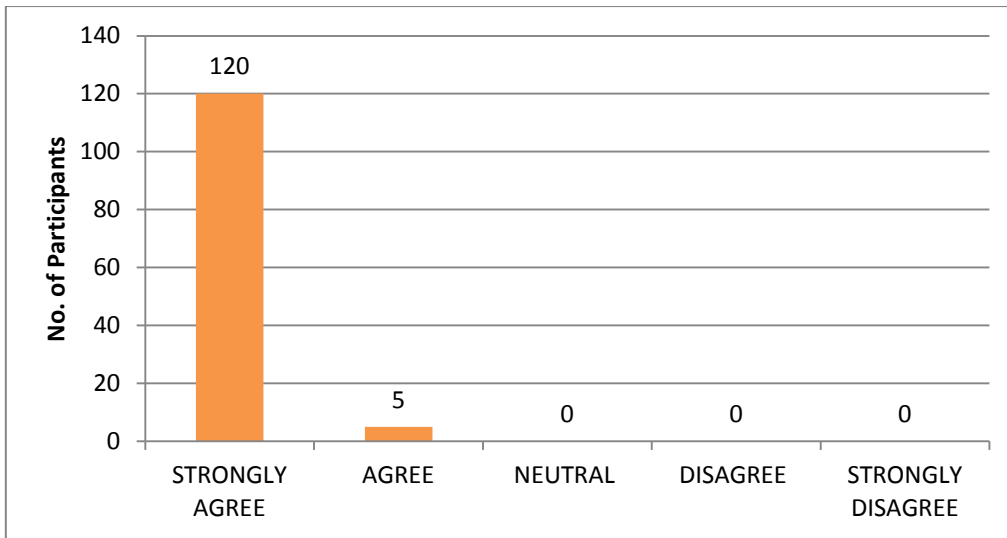
### **Feedback Analysis:**

Feedback was collected from the participants in last session of the Workshop. The overall feedback of the Workshop was very positive. Here are some of the feedbacks, which were given by participants.

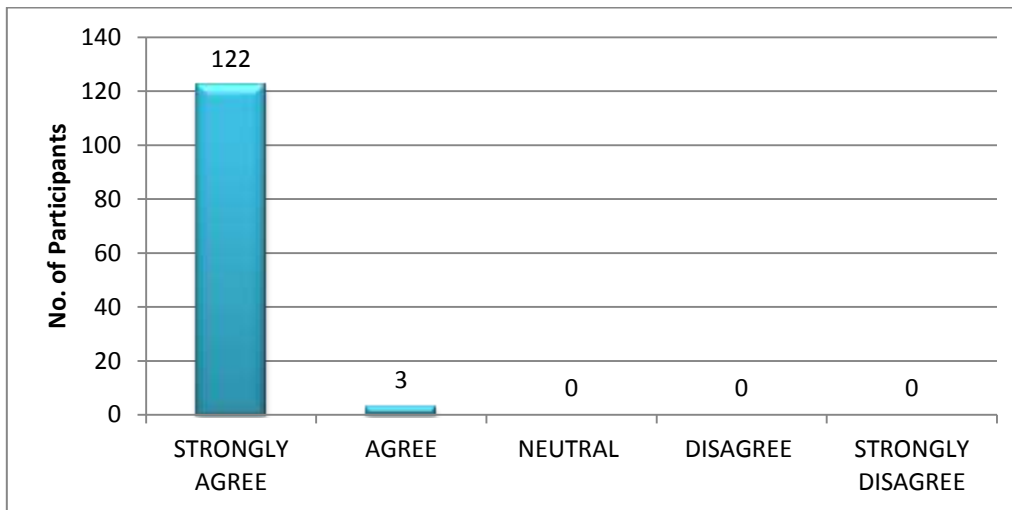
1. The pre-workshop administration was appropriate and informative.



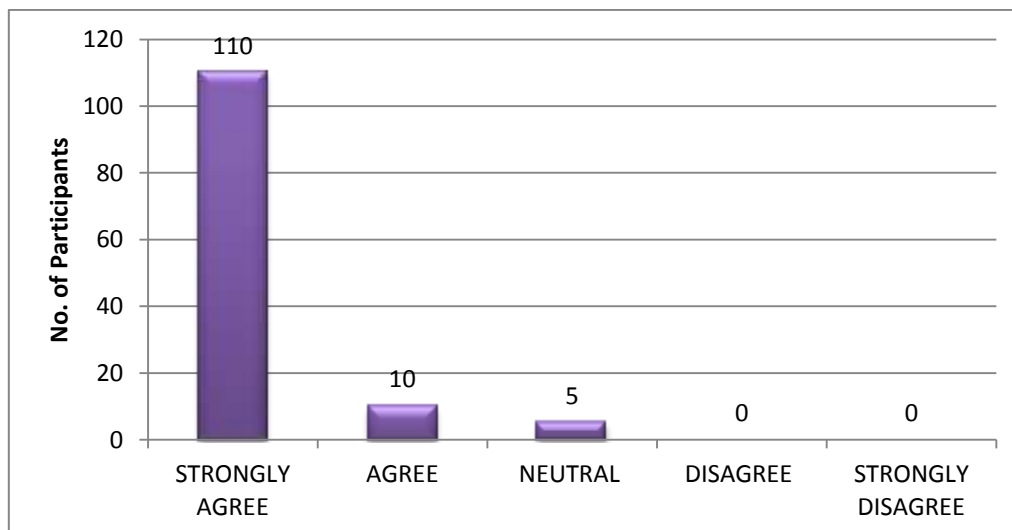
2. The workshop was scheduled at a suitable time.



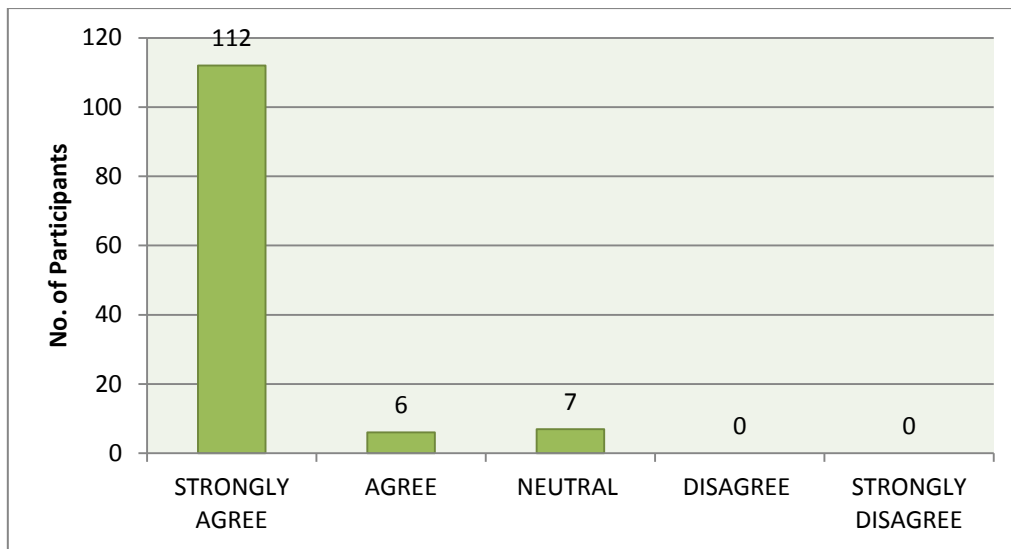
3. The workshop facilities and location were appropriate and satisfactory.



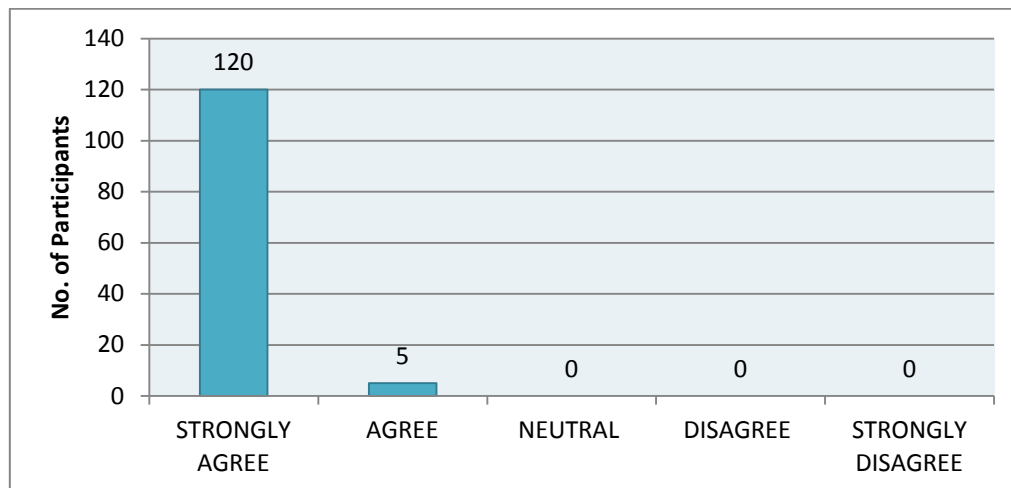
4. The workshop material was presented in a clear and organized manner.



5. The presenter responded to questions an informative, appropriate and satisfactory manner.



6. Overall, the session was informative and valuable.



7. The quality of food was satisfactory.

