

# Report

## Expert Talk – Energy Audit

**1. Event Title:** Expert talk (ITP - Institutional Training Program) by Mr. Pramod Daspute on “Energy Audit” for S.Y. and T.Y. B.Tech. Engineering students

**2. Event Date:** 30/08/2021

**3. Event Conduction Duration:-2:30 PM to 3:30 PM**

**4. Event Venue:** Google meet.

**5. Event Resource Person Details:**

Mr. Pramod Daspute  
B.E.E. Certified Energy Auditor,  
External Faculty, PCRA

**6. Name of Event Coordinator with contact details:**

Dr. Rahul Agrawal (9826173619)

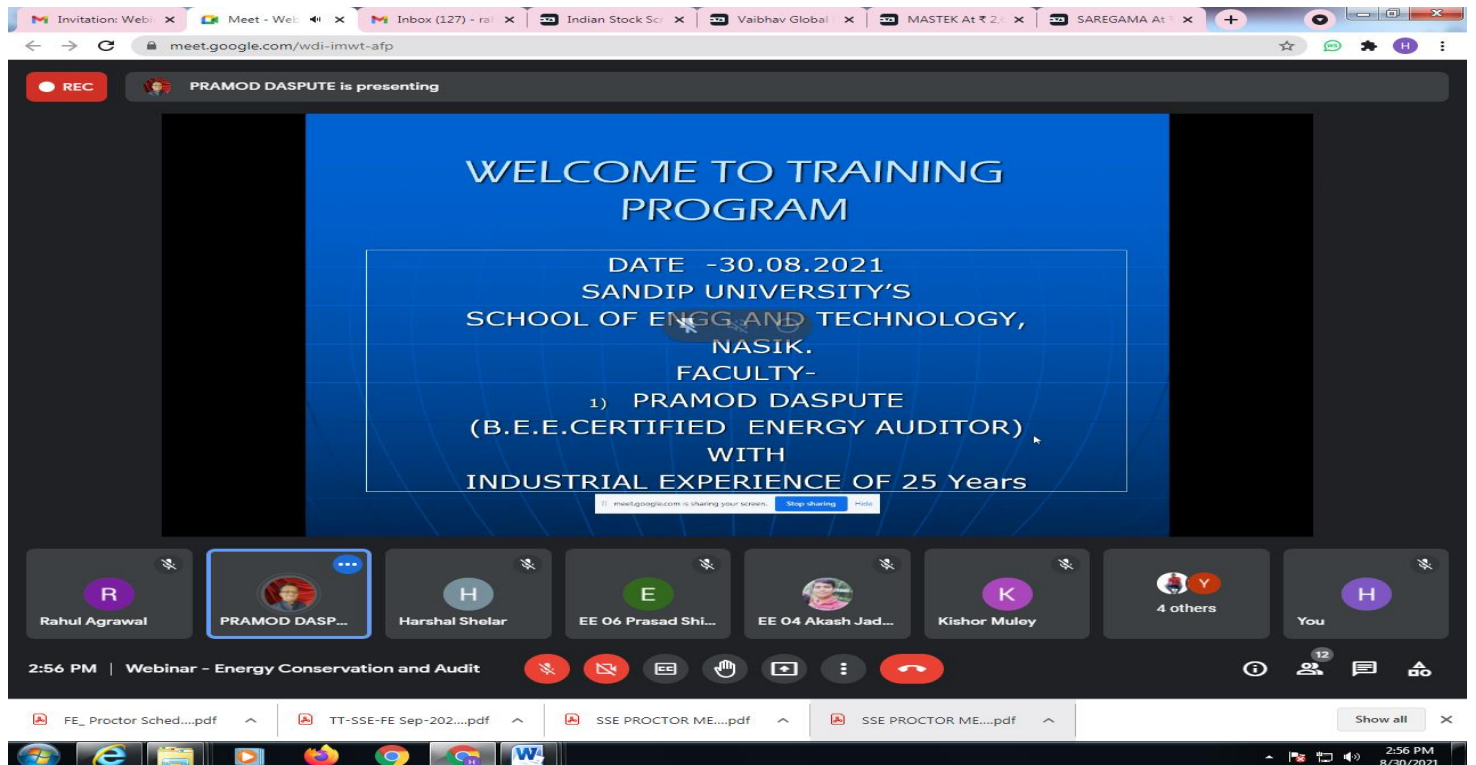
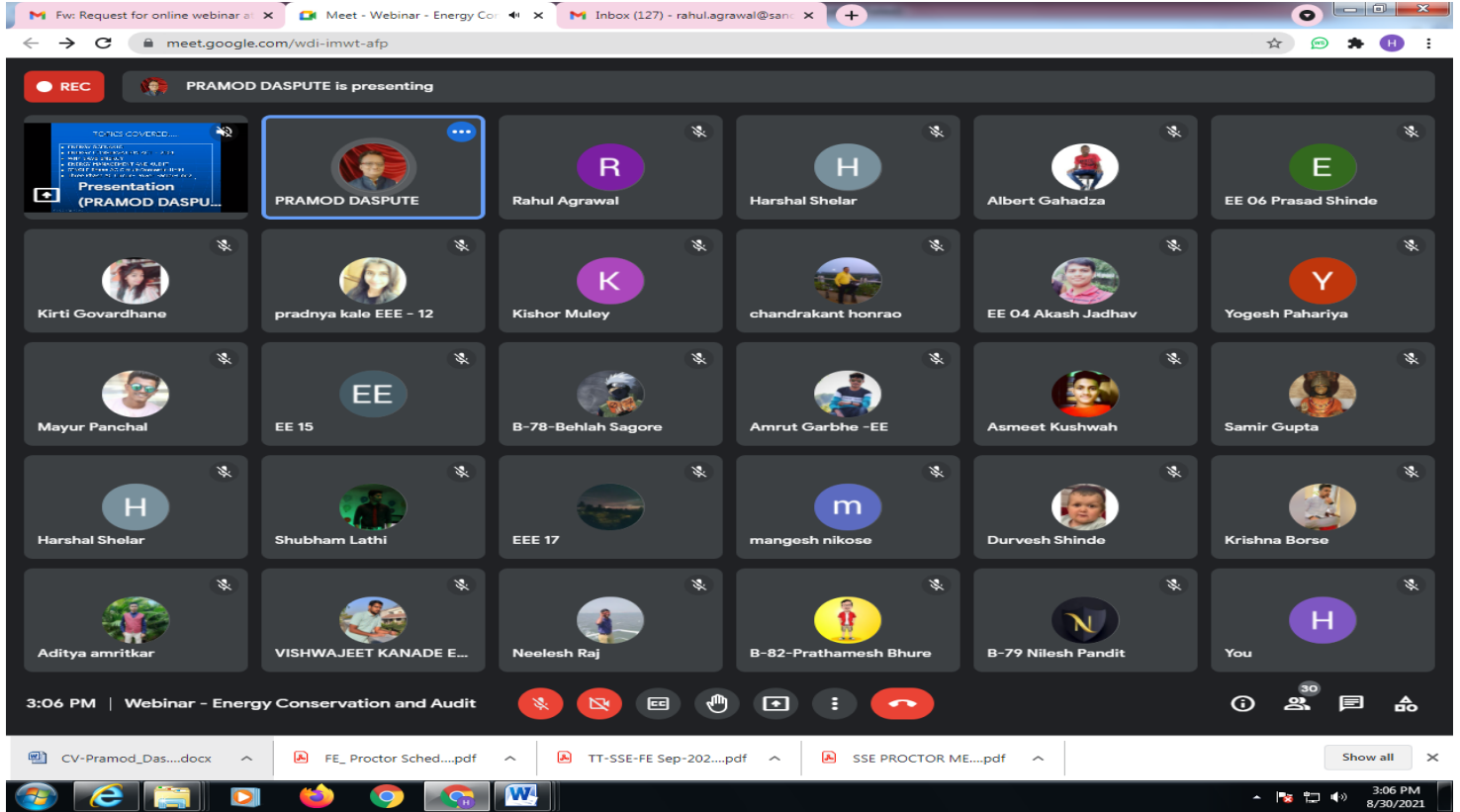
**7. Event Outline & Outcome of the event:**

**Objective of Program:** Expert talk was arranged to introduce students to Energy conservation and Energy audit. ITP was aimed to increase awareness of energy conservation and role of electrical engineers. The speaker is a B.E.E. certified energy auditor and has delivered lectures on energy conservation, auditing and management at various institutes since 2008. He has hands on energy auditing experience in various industries such as Thermal power plant, oil refineries, sugar/paper mills, Textile plant, Chemical plants, Commercial hotels, buildings etc.

**Output of Program:** The ITP was very interesting for the students and showed them a new avenue in electrical engineering as a future career option. Students came to know about Energy auditing, its exam and career opportunities being an energy auditor. Students also understood importance and different ways for energy conservation.

Number Students Attended: 30

## 8. Event photos



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REC PRAMOD DASPUTE is presenting

## WELCOME TO TRAINING PROGRAM

DATE -30.08.2021  
 SANDIP UNIVERSITY'S  
 SCHOOL OF ENGG AND TECHNOLOGY,  
 NASIK.  
 FACULTY-  
 1) PRAMOD DASPUTE  
 (B.E.E.CERTIFIED ENERGY AUDITOR)  
 WITH  
 INDUSTRIAL EXPERIENCE OF 25 Years

3:05 PM | Webinar - Energy Conservation and Audit

CV-Pramod\_Das....docx | FE\_Proctor Sched....pdf | TT-SSE-FE Sep-202....pdf | SSE PROCTOR ME....pdf

People

Add people

Search for people

In call

- Hod Electrical (You)
- Aditya amritkar
- Albert Gahadza
- Amrut Garbhe -EE
- Asmeet Kushwah
- B-78-Behlah Sagore
- B-79 Nilesh Pandit
- B-82-Prathamesh Bhure
- chandrakant honrao
- Durvesh Shinde

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REC PRAMOD DASPUTE is presenting

## Installed Power Generation Capacity -India-MARCH-2021

SR.No	Source of Power	Power-MW	%Share
1	Thermal	234728	61.42
2	Hydroelectric	46209	12.09
3	Renewable	94433	24.71
4	Nuclear	6780	1.77
Total		382150	

Ash & moist content Ind coal 35-40%, Aust coal -18-20%  
 To generate 1 unit of power requires 600 to 700 gm coal  
 500 MW power plant requires about 6500-8000Tons coal/day = 145 wagons of coal

3:21 PM | Webinar - Energy Conservation and Audit

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PRAMOD DASPU... | Rahul Agrawal | chandrakant ho... | Albert Gahadza | EE O6 Prasad Shi... | Kishor Muley | 23 others | You



PRAMOD DASPU is presenting

### Energy Consumption of Domestic Appliances (Normal Appliance)

ITEM	No. X Rating	LOAD	Hrs/annum	kWh/ annum
BULB	3 X 40W	120 W	4 X 365	$120 \times 4 \times 365 / 1000$ = 175.2 units
TUBE LIGHT	4 X 55W	220W	6 X 365	$220 \times 6 \times 365 / 1000$ = 481.8 units
FANS	3 X 75W	225W	15X 300	$225 \times 15 \times 300 / 1000$ = 1012.5 units
REFRIGAT ORS	1 X 150W	150W	8 X 365	$150 \times 8 \times 365 / 1000$ = 438 units
<b>TOTAL</b>		<b>715W</b>		<b>2119.5 kWh per annum</b>

Avg. Monthly Consumption = 177 units

PRAMOD DASPU...

Albert Gahadza

Kishor Muley

EEE 04

B-82-Prathamesh...

BE B 14 Vijay

11 others

You

3:55 PM | Webinar - Energy Conservation and Audit

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