



# **DADI INSTITUTE OF ENGINEERING & TECHNOLOGY**

(Approved by A.I.C.T.E., New Delhi & Affiliated to JNTUK, Kakinada)

**A NAAC Accredited Institute**

An ISO 9001:2008; ISO 14001:2004 & OHSAS 18001:2007 Certified Institution  
NH-5, Anakapalle – 531002, Visakhapatnam, A.P.

Mobile: +91 9963981111, Website: [www.diet.edu.in](http://www.diet.edu.in), E-mail: [info@diet.edu.in](mailto:info@diet.edu.in)

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## **CIRCULAR**

Anakapalle

Dt: 4-11-2019

Department of Electrical & Electronics Engineering is hereby informed that, in view of the feedback received from II & III B.Tech. EEE students regarding skill enhancement and to improve the expertise of students in ENERGY AUDIT, CONSERVATION & MANAGEMENT, HOD is advised to depute a faculty from EEE to design and develop a suitable course structure in line with basic concepts of power utilization to II & III B.Tech. EEE students with over 30 working hours. Please ensure that this Add-on course helps them to understand the principles of energy audit as well as management for industries and utilities and buildings. Make arrangements to deliver the course from next week onwards.

**PRINCIPAL**

**Dadi Institute of Engineering & Technology, Anakapalle**

# Dadi Institute of Engineering & Technology

Approved by AICTE & Permanently Affiliated to JNTUK



NAAC Accredited Institute

Visakhapatnam, Andhra Pradesh

## A Two Week Training Program on

# ENERGY AUDIT, CONSERVATION & MANAGEMENT

### About the Institute

Dadi Institute of Engineering & Technology is a top ranked Engineering and Management College affiliated to Jawaharlal Nehru Technological University, Kakinada. The Institute is NAAC Accredited, ISO Certified and also associated with many professional bodies in the field of Engineering, Technology and Management. It strives to promote the highest standards among the students and enable them to build a New World.

Dadi Institute of Engineering & Technology is distinctive among institutions of higher learning.

Founded in 2006 by Sri Dadi Veerabhadra Rao, an academician and former Minister as the first multicultural and co-educational college in Anakapalle which admits only academically promising students.

### Course Instructor

Mr. Ch. Ravi Kumar,

Assoc. Prof., **BBE**

### About the Course

Students will be able to learn the power utilization which includes a device that consumes energy constituting the current, such as a battery or a generator; devices that use current, such as lamps, electric motors, or computers. It is useful to learn and follow the rules to save the energy.

### Benefitted Students

II & III B.Tech. **EEE**

Date: 11-11-2019 to 23-11-2019

Venue: LH-32 (4th Floor)

# **DEPARTMENT OF ELECTRICAL & ELECTRONICS**

## **ENERGY AUDIT, CONSERVATION & MANAGEMENT**

### **Course Instructor:**

Mr. Ch. Ravi Kumar

Assistant Professor, EEE Department  
Dadi Institute of Engineering & Technology

### **Duration:**

Two weeks: 11-11-2019 to 23-11-2019

### **Overview & Need of the Course:**

Students will be able to learn the power utilization which includes a device that consumes energy constituting the current, such as a battery or a generator; devices that use current, such as lamps, electric motors, or computers. It is useful to learn and follow the rules to save the energy.

### **Course Objectives:**

- To learn principle of energy audit as well as management for industries and utilities and buildings
- To study the energy efficient motors and lighting.
- To learn power factor improvement methods and operation of different energy instruments.
- To compute depreciation methods of equipment for energy savings.

## **Course Outcomes:**

- Understand the principle of energy audit and their economic aspects
- Recommend energy efficient motors and design good lighting system.
- Understand advantages to improve the power factor.
- Evaluate the depreciation of equipment.

## **Requirements**

- ❖ Basic Knowledge of Electrical system
- ❖ Basic Knowledge of Circuit Theory
- ❖ Basic computer knowledge.

## **Course Contents**

- Chap1. Basic principles of Energy Audit
- Chap2. Energy Management
- Chap3. Energy efficient motors and lighting
- Chap4. Economic aspects and their computations













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## COURSE COMPLETION CERTIFICATE

This Certificate is given to

**DADI VANI**



For the successful completion of 2-weeks course on Energy audit, conservation  
& management from 11/11/19 – 23/11/19

Mr. Ch. Ravi Kumar  
Course Instructor

Dr. Ch. Naga Prasad  
Principal

Mr. Dadi Ratnakar  
Chairman





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## COURSE COMPLETION CERTIFICATE

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**DURWASULA**



For the successful completion of 2-weeks course on Energy audit, conservation  
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Mr. Ch. Ravi Kumar  
Course Instructor

Dr. Ch. Naga Prasad  
Principal

Mr. Dadi Ratnakar  
Chairman





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## COURSE COMPLETION CERTIFICATE

This Certificate is given to

**KANNAM ROOPA**



For the successful completion of 2-weeks course on Energy audit, conservation  
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Mr. Ch. Ravi Kumar  
Course Instructor

Dr. Ch. Naga Prasad  
Principal

Mr. Dadi Ratnakar  
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## COURSE COMPLETION CERTIFICATE

This Certificate is given to

**KOLLI SRAVANI**



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Course Instructor

Dr. Ch. Naga Prasad  
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## COURSE COMPLETION CERTIFICATE

This Certificate is given to

**KONETTI RAKESH**



For the successful completion of 2-weeks course on Energy audit, conservation  
& management from 11/11/19 – 23/11/19

Mr. Ch. Ravi Kumar  
Course Instructor

Dr. Ch. Naga Prasad  
Principal

Mr. Dadi Ratnakar  
Chairman



# DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE & Permanently Affiliated to JNTUK, Rajamahendravaram  
NAAC Accredited Institute and Inclusion under Section 2(f)(1) & 12(B) of UGC Act  
AN ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Institute

## STUDENT FEEDBACK FORM

Dear Candidate,

Your feedback is critical for the Institute to ensure that we are meeting your educational needs. We would appreciate it if you could take a few minutes to share your opinions with us so that we can serve you better.

Title of the Activity: Energy Audit, conservation & management

Date/Duration: 20/11/19 - 23/11/19 Instructor/Coordinator: Ch. Ravi Kumar

- |   |   |   |   |   |   |
|---|---|---|---|---|---|
| 1. The content was as described in Publicity Material   | 1 | 2 | 3 | ④ | 5 |
| 2. The program was helpful in practical understanding   | 1 | 2 | ③ | 4 | 5 |
| 3. I will recommend this course / workshop program to relevant conservators across our campus | 1 | 2 | 3 | ④ | 5 |
| 4. The program was well placed within allotted time   | 1 | 2 | 3 | 4 | ⑤ |
| 5. The instructor was an effective communicator   | 1 | 2 | 3 | ④ | 5 |

Feedback Suggestions

Learned many things about subject.

Please return this form to the Course Instructor/Organizer/Coordinator at the end of the workshop/add-on course/Training Program



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- |   |   |   |   |   |   |
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| 5. The instructor was an effective communicator   | 1 | 2 | 3 | 4 | ⑤ |

Feedback Suggestions

learned many things in short period of time

Please return this form to the Course Instructor/Organizer/Coordinator at the end of the workshop/add-on course/Training Program