



## **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:- 1-11-2016

Department of Electrical & Electronics Engineering is hereby informed that, in view of the feedback received from II 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 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

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.

### 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.

Course Instructor  
Mr. Ch. Ravi Kumar,  
Assoc. Prof., EEE

### Benefitted Students

II B.Tech. EEE

Date: 7/11/2016 to 19/11/2016  
Venue: LH-32 (IV 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: 7/11/2016 to 19/11/2016

#### **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 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

Student Attendance Sheet - Energy Audit Conservation & Management Addon Course

S.N	Roll No	Name of the Student	7/11/2016	8/11/2016	9/11/2016	10/11/2016	11/11/2016	12/11/2016	14/11/2016	15/11/2016	16/11/2016	17/11/2016	18/11/2016	19/11/2016
1	15U41A0201	ADARI DURGA MAHESH	A. durga	A. durga	A. durga	A. durga	A. durga	A. durga	A. durga	A. durga	A. durga	A. durga	A. durga	A. durga
2	15U41A0202	ADARI LOKESH	A. lokesh	A. lokesh	A. lokesh	A. lokesh	A. lokesh	A. lokesh	A. lokesh	A. lokesh	A. lokesh	A. lokesh	A. lokesh	A. lokesh
3	15U41A0203	ALLA MURALI SATEESH	A. murali	A. murali	A. murali	A. murali	A. murali	A. murali	A. murali	A. murali	A. murali	A. murali	A. murali	A. murali
4	15U41A0204	AMALAKANTI VENKATASA RAM	A. venkat	A. venkat	A. venkat	A. venkat	A. venkat	A. venkat	A. venkat	A. venkat	A. venkat	A. venkat	A. venkat	A. venkat
5	15U41A0205	ANJULINI NANI	A. nani	A. nani	A. nani	A. nani	A. nani	A. nani	A. nani	A. nani	A. nani	A. nani	A. nani	A. nani
6	15U41A0206	BOBBATHULA VINAY	B. vinay	B. vinay	B. vinay	B. vinay	B. vinay	B. vinay	B. vinay	B. vinay	B. vinay	B. vinay	B. vinay	B. vinay
7	15U41A0207	D SAI KUMAR	D. sai	D. sai	D. sai	D. sai	D. sai	D. sai	D. sai	D. sai	D. sai	D. sai	D. sai	D. sai
8	15U41A0208	DADI MAHENDRA SANTHOSH NANDU	D. mahend	D. mahend	D. mahend	D. mahend	D. mahend	D. mahend	D. mahend	D. mahend	D. mahend	D. mahend	D. mahend	D. mahend
9	15U41A0209	DASARI JEEVAN MADHU SAI REDDY	D. jeevan	D. jeevan	D. jeevan	D. jeevan	D. jeevan	D. jeevan	D. jeevan	D. jeevan	D. jeevan	D. jeevan	D. jeevan	D. jeevan
10	15U41A0210	EERIGULA LOKHITA	E. lokhita	E. lokhita	E. lokhita	E. lokhita	E. lokhita	E. lokhita	E. lokhita	E. lokhita	E. lokhita	E. lokhita	E. lokhita	E. lokhita
11	15U41A0211	GORRILLI DIVYA	G. divya	G. divya	G. divya	G. divya	G. divya	G. divya	G. divya	G. divya	G. divya	G. divya	G. divya	G. divya
12	15U41A0212	GULLA SEKHAR	G. sekhar	G. sekhar	G. sekhar	G. sekhar	G. sekhar	G. sekhar	G. sekhar	G. sekhar	G. sekhar	G. sekhar	G. sekhar	G. sekhar
13	15U41A0213	GURRALA SRINU	G. srinu	G. srinu	G. srinu	G. srinu	G. srinu	G. srinu	G. srinu	G. srinu	G. srinu	G. srinu	G. srinu	G. srinu
14	15U41A0215	KOLLUMALLA DURGA BABU	K. durga	K. durga	K. durga	K. durga	K. durga	K. durga	K. durga	K. durga	K. durga	K. durga	K. durga	K. durga
15	15U41A0216	KONATHALA VAMS GANESH	K. vams	K. vams	K. vams	K. vams	K. vams	K. vams	K. vams	K. vams	K. vams	K. vams	K. vams	K. vams
16	15U41A0217	KUNDAN KUMAR SINGH	K. kumar	K. kumar	K. kumar	K. kumar	K. kumar	K. kumar	K. kumar	K. kumar	K. kumar	K. kumar	K. kumar	K. kumar
17	15U41A0218	MARAPU REDDI PRASAD	M. prasad	M. prasad	M. prasad	M. prasad	M. prasad	M. prasad	M. prasad	M. prasad	M. prasad	M. prasad	M. prasad	M. prasad
18	15U41A0219	MATHRE PANKAJ KRUSHNA	M. pankaj	M. pankaj	M. pankaj	M. pankaj	M. pankaj	M. pankaj	M. pankaj	M. pankaj	M. pankaj	M. pankaj	M. pankaj	M. pankaj
19	15U41A0220	NALLA MADHURI	N. madhuri	N. madhuri	N. madhuri	N. madhuri	N. madhuri	N. madhuri	N. madhuri	N. madhuri	N. madhuri	N. madhuri	N. madhuri	N. madhuri
20	15U41A0221	POLINEEDY MAYLEN	P. maylen	P. maylen	P. maylen	P. maylen	P. maylen	P. maylen	P. maylen	P. maylen	P. maylen	P. maylen	P. maylen	P. maylen
21	15U41A0222	PULI VIJAYA KUMAR REDDY	P. vijaya	P. vijaya	P. vijaya	P. vijaya	P. vijaya	P. vijaya	P. vijaya	P. vijaya	P. vijaya	P. vijaya	P. vijaya	P. vijaya
22	15U41A0223	REDDI SANTASI NANDU	R. santasi	R. santasi	R. santasi	R. santasi	R. santasi	R. santasi	R. santasi	R. santasi	R. santasi	R. santasi	R. santasi	R. santasi
23	15U41A0224	RYALI SAI KUMAR	R. sai	R. sai	R. sai	R. sai	R. sai	R. sai	R. sai	R. sai	R. sai	R. sai	R. sai	R. sai
24	15U41A0225	ULI VINAY	U. vinay	U. vinay	U. vinay	U. vinay	U. vinay	U. vinay	U. vinay	U. vinay	U. vinay	U. vinay	U. vinay	U. vinay
25	15U41A0226	VREDDIPARTHI SAI KIRAN	V. saikiran	V. saikiran	V. saikiran	V. saikiran	V. saikiran	V. saikiran	V. saikiran	V. saikiran	V. saikiran	V. saikiran	V. saikiran	V. saikiran
26	16U45A0201	ADARI JYOTHSNA	A. jyotsna	A. jyotsna	A. jyotsna	A. jyotsna	A. jyotsna	A. jyotsna	A. jyotsna	A. jyotsna	A. jyotsna	A. jyotsna	A. jyotsna	A. jyotsna
27	16U45A0203	BARNIKALA ASHOK	B. ashok	B. ashok	B. ashok	B. ashok	B. ashok	B. ashok	B. ashok	B. ashok	B. ashok	B. ashok	B. ashok	B. ashok
28	16U45A0203	CHITRADA DEVI PRASANNA	C. prasanna	C. prasanna	C. prasanna	C. prasanna	C. prasanna	C. prasanna	C. prasanna	C. prasanna	C. prasanna	C. prasanna	C. prasanna	C. prasanna
29	16U45A0204	DADI LAVANYA	D. lavanya	D. lavanya	D. lavanya	D. lavanya	D. lavanya	D. lavanya	D. lavanya	D. lavanya	D. lavanya	D. lavanya	D. lavanya	D. lavanya
30	16U45A0205	DEVARAJA KASUBABU	D. kasuba	D. kasuba	D. kasuba	D. kasuba	D. kasuba	D. kasuba	D. kasuba	D. kasuba	D. kasuba	D. kasuba	D. kasuba	D. kasuba
31	16U45A0206	DEVARAJA RENUKA	D. renuka	D. renuka	D. renuka	D. renuka	D. renuka	D. renuka	D. renuka	D. renuka	D. renuka	D. renuka	D. renuka	D. renuka
32	16U45A0207	JAGADA SATTI FRANKASH	J. frankash	J. frankash	J. frankash	J. frankash	J. frankash	J. frankash	J. frankash	J. frankash	J. frankash	J. frankash	J. frankash	J. frankash
33	16U45A0208	ALLA SORNA GIRISH	A. girish	A. girish	A. girish	A. girish	A. girish	A. girish	A. girish	A. girish	A. girish	A. girish	A. girish	A. girish
34	16U45A0209	AVVARI LESH SAI KUMAR	A. sai	A. sai	A. sai	A. sai	A. sai	A. sai	A. sai	A. sai	A. sai	A. sai	A. sai	A. sai
35	16U45A0310	KATTA DIMESH KUMAR	K. dimesh	K. dimesh	K. dimesh	K. dimesh	K. dimesh	K. dimesh	K. dimesh	K. dimesh	K. dimesh	K. dimesh	K. dimesh	K. dimesh
36	16U45A0211	KUDAVALLI HARSHITA	K. harshita	K. harshita	K. harshita	K. harshita	K. harshita	K. harshita	K. harshita	K. harshita	K. harshita	K. harshita	K. harshita	K. harshita
37	16U45A0212	KUNDURAPU PRADEEP	K. pradeep	K. pradeep	K. pradeep	K. pradeep	K. pradeep	K. pradeep	K. pradeep	K. pradeep	K. pradeep	K. pradeep	K. pradeep	K. pradeep
38	16U45A0213	M ASHOK BABU	M. ashok	M. ashok	M. ashok	M. ashok	M. ashok	M. ashok	M. ashok	M. ashok	M. ashok	M. ashok	M. ashok	M. ashok
39	16U45A0214	DADI KISHORE	D. kishore	D. kishore	D. kishore	D. kishore	D. kishore	D. kishore	D. kishore	D. kishore	D. kishore	D. kishore	D. kishore	D. kishore
40	16U45A0215	NANDAVARAPU GANESH	N. ganesh	N. ganesh	N. ganesh	N. ganesh	N. ganesh	N. ganesh	N. ganesh	N. ganesh	N. ganesh	N. ganesh	N. ganesh	N. ganesh









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**COURSE COMPLETION CERTIFICATE**

This Certificate is given to

**D SAI KUMAR**



For the successful completion of 2-week course on ENERGY AUDIT, CONSERVATION & MANAGEMENT  
from 7/11/2016 to 19/11/2016

Mr. Ch. Ravi Kumar  
Course Instructor

Dr. Ch Prabhakara Rao  
Principal

Mr. Dadi Ratnakar  
Chairman







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Course Instructor

Dr. Ch Prabhakara Rao  
Principal

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Chairman





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Course Instructor

Dr. Ch Prabhakara Rao  
Principal

Mr. Dadi Ratnakar  
Chairman





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This Certificate is given to

# **DADI LAVANYA**



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Mr. Ch. Ravi Kumar  
Course Instructor

Dr. Ch Prabhakara Rao  
Principal

Mr. Dadi Ratnakar  
Chairman





### DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE & Permanently Affiliated to INTU, Karnataka  
NAAC Accredited Institute and Inclusion under Section 2(f) & 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 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: 20/09/11-20/11/16 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

Need some more time to know more knowledge about it.

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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#### STUDENT FEEDBACK FORM

Dear Candidate,

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Title of the Activity: Energy audit, conservation & management

Date Duration: 20/8/11-20/11/16 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

Better to extend the period to learn more.

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