



# DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

Approved by AICTE & Permanently Affiliated to JNTUK,  
NAAC Accredited Institute & Inclusion of 2(f) & 12(B) of the UGC Act  
NH-16, Anakapalle, Visakhapatnam - 531002, Andhra Pradesh, [www.diet.edu.in](http://www.diet.edu.in)

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## DEPARTMENT OF ELECTRICAL & ELECTRONICS

ADD-ON Course 2021-22

### ENERGY AUDIT, CONSERVATION & MANAGEMENT

#### **Course Instructor:**

Mr. K. Vijay Kumar  
Associate Professor, EEE Department  
Dadi Institute of Engineering & Technology

#### **Duration:**

Two weeks: [08-11-2021 to 20-11-2021]

#### **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

**List of Participated students:**

1	18U41A0201	B. PAVAN SAI PRAKASH RAO
2	18U41A0202	BODI PRASANNA KUMAR
3	18U41A0203	D. YAGNA SHIVA DATTA
4	18U41A0204	SUNDARAPU INDU
5	18U41A0205	DUNNA SRAVAN SIVA KUMAR
6	18U41A0206	KRISHNAM RAJU KALLAYPILLI
7	18U41A0207	KILLADI VIJAYKUMAR
8	18U41A0208	KODURU VAMSI KRISHNA
9	18U41A0209	KOTHALA POORNA RAJESWARI
10	18U41A0210	KUCHARLA PREM KUMAR
11	18U41A0211	MADDALA LOKESH
12	18U41A0212	P. PRASANNA KUMAR
13	18U41A0213	P. KALYAN CHAKRAVARTHY
14	18U41A0214	RONGALI RAMYA
15	18U41A0215	SARISA SRINOWSHYA
16	18U41A0216	SENAPATHI BANU
17	18U41A0217	VILLURI KIRAN KUMARI
18	18U41A0218	BHEESETTI JASWANTH
19	18U41A0219	V. MUNI HEMANTH RAO
20	18U41A0220	LALAM VANDANA
21	18U41A0221	KARRI MAHESH
22	18U41A0222	GORLI JAIRAM JAYANTH
23	18U41A0223	PENTAKOTA YESWANTHKUMAR
24	18U41A0224	BOYANA VAMSI
25	19U45A0201	AKKIREDDY KUSUMA KUMARI
26	19U45A0202	APPANA SAI SASIKUMAR

27	19U45A0203	BADAMPUDI VAMSI
28	19U45A0204	BADDETI BHARATHI
29	19U45A0205	BARNIKANA VENKATA RAKESH YADAV
30	19U45A0206	BODDU SIRISHA
31	19U45A0207	BOGADAKURTHI SIVA SAI KUMAR
32	19U45A0208	BOLIBOYINA PYDIRAJU
33	19U45A0209	BOTTA BHAVANA
34	19U45A0210	BOTTA SOMESWARI
35	19U45A0211	BUDDHA LOHIDHAR
36	19U45A0212	CHERUKURI SRI HARSHA
37	19U45A0213	DADI DUSHYANT
38	19U45A0214	DADI PRAVEEN
39	19U45A0215	EAGALA MOHAN
40	19U45A0216	GILAKAMSETTY MANOHAR SRI
41	19U45A0217	GILIVINDALA RAJESH
42	19U45A0219	JETTI YASWANTH KUMAR
43	19U45A0220	JOGA SHYAMALA
44	19U45A0221	KAGITHAPALLI SUSMITHA
45	19U45A0222	KALEPU LIKITHA
46	19U45A0223	KALLA BHEEMA VINAY SANYASI NAIDU
47	19U45A0224	KAPUSETTY MAMATHA
48	19U45A0225	KARANAM SAI
49	19U45A0226	KARANAM SHALINI
50	19U45A0227	KAYALA MAHESWARI
51	19U45A0228	KONDAKANCHI BHAGYA LAKSHMI
52	19U45A0229	KOPPISETTI SAI SATYA JAHNAVI
53	19U45A0230	KOSANAM KUSUL KUMAR

54	19U45A0231	KOTA NARAYANA MURTHY
55	19U45A0232	LALAM UMA MAHESH
56	19U45A0233	MADDALA SAI SANTHOSH
57	19U45A0234	MADHUPADA SRINIVAS
58	19U45A0235	MADINI PAUL SAMUEL
59	19U45A0236	MALLA CHAITANYA GANESH
60	19U45A0237	MALLAPURADDY DIVYA
61	19U45A0238	MAMIDI VENKATA SAGARIKA
62	19U45A0239	MANDA SRAVAN KUMAR
63	19U45A0240	MARISA KUMAR LALITHESWARA RAO
64	19U45A0241	MATHUKUMALLI C VENKATA NAGA GANESH KUMAR
65	19U45A0242	MOLLI SIVADURGA SAI KIRAN
66	19U45A0243	MUTHA HEMANTH KUMAR
67	19U45A0244	NAHAK SURAJ
68	19U45A0245	NAKKA PRUDHVI
69	19U45A0246	NAKKA SRINIVAS
70	19U45A0247	NELLI SUMANTH KUMAR
71	19U45A0248	PADISETTY TEJA SAI SATYA NOOKA RAJA
72	19U45A0249	PANCHADARLA JYOTHI
73	19U45A0250	PEDAPATI GNANENDRA KUMAR
74	19U45A0251	PETLA RAMYA
75	19U45A0252	POLAMARASETTY POORNA SAI
76	19U45A0253	RAAVI SATISH SEKHAR
77	19U45A0254	RAPETI JAGAN MURALI
78	19U45A0255	SALADI NAGA GAYATHRI
79	19U45A0256	SARAGADAM YESWANTH
80	19U45A0257	SENAPATHI ANIL
81	19U45A0260	SHAIK NAZEERA PRAVEEN
82	19U45A0261	SOMIREDDY VARA PRASAD

83	19U45A0262	SUNDARAPU SRAVANI
84	19U45A0263	SUNKARA LAXMAN RAO
85	19U45A0264	TALARI VENKATA SUDHEER
86	19U45A0265	URUKUTI PRAMEELA
87	19U45A0266	VANUMU GANESH
88	19U45A0267	VATHADA LOKESH
89	19U45A0268	VEGI SAI KUMAR
90	19U45A0269	YANNAMREDDY MOHAN APPALA REDDY
91	19U45A0270	YELCHURI CHANDRASEKHAR
92	19U45A0271	K SIVA KUMAR
93	19U45A0272	M SAVAN KUMAR

### Sample Photo



## Sample Certificate

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## Course Completion Certificate



THIS CERTIFICATE IS GIVEN TO

**BODI PRASANNA KUMAR**

FOR SUCCESSFUL COMPLETION OF 2 WEEKS COURSE ON  
ENERGY AUDIT CONSERVATION & MANAGEMENT  
FROM 8-11-21 TO 20-11-21

**Dr. K. Sujatha**  
Coordinator

**Prof. Dr. Ch. Narasimham**  
Principal

**Sri Dadi Ratnakar**  
Chairman