



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, E-mail: info@diet.edu.in

CIRCULAR

Anakapalle

Dt: 1-11-2017

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

Approved by AICTE & 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 academican 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: 09-11-2017 to 21-11-2017

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: 09-11-2017 to 21-11-2017

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

37	17U45A0217	KANDREGULA HARI RAMA KRISHNA	K.H.Rk	K.H.Rb	K.H.Rc	K.H.Rd	K.H.Re	K.H.Rf	K.H.Rg	K.H.Rh	K.H.Ri	K.H.Rj	K.H.Rk	K.H.Rl
38	17U45A0218	KOILADA KAVYA	K.Kayk	K.Kayb	K.Kayc	K.Kayd	K.Kaye	K.Kayf	K.Kayg	K.Kayh	K.Kayi	K.Kayj	K.Kayk	K.Kayl
39	17U45A0219	KOILADA PRASAD	K.Pk	K.Pb	K.Pc	K.Pd	K.Pe	K.Pf	K.Pg	K.Ph	K.Pi	K.Pj	K.Pk	K.Pl
40	17U45A0220	KOLLU GANGARAM	K.Gk	K.Gb	K.Gc	K.Gd	K.Ge	K.Gf	K.Gg	K.Gh	K.Gi	K.Gj	K.Gk	K.Gl
41	17U45A0221	KOPPOJU SAI KUMAR	K.Sk	K.Sb	K.Sc	K.Sd	K.Se	K.Sf	K.Sg	K.Sh	K.Si	K.Sj	K.Sk	K.Sl
42	17U45A0222	KOTHAKOTA KIRAN	K.Kk	K.Kb	K.Kc	K.Kd	K.Ke	K.Kf	K.Kg	K.Kh	K.Ki	K.Kj	K.Kk	K.Kl
43	17U45A0223	KOTTAPALLI LALITHA	K.Lk	K.Lb	K.Lc	K.Ld	K.Le	K.Lf	K.Lg	K.Lh	K.Li	K.Lj	K.Lk	K.Ll
44	17U45A0224	KUNDAJA DURGARAO	K.Dk	K.Db	K.Dc	K.Dd	K.De	K.Df	K.Dg	K.Dh	K.Di	K.Dj	K.Dk	K.Dl
45	17U45A0225	MAJJI ROOPA	M.Rk	M.Rb	M.Rc	M.Rd	M.Re	M.Rf	M.Rg	M.Rh	M.Ri	M.Rj	M.Rk	M.Rl
46	17U45A0226	MALLA JOSHI	M.Jk	M.Jb	M.Jc	M.Jd	M.Je	M.Jf	M.Jg	M.Jh	M.Ji	M.Jj	M.Jk	M.Jl
47	17U45A0227	MALLA VARAPRASAD	M.Vk	M.Vb	M.Vc	M.Vd	M.Ve	M.Vf	M.Vg	M.Vh	M.Vi	M.Vj	M.Vk	M.Vl
48	17U45A0228	MATHURTHI SIVAJEE	M.Sk	M.Sb	M.Sc	M.Sd	M.Se	M.Sf	M.Sg	M.Sh	M.Si	M.Sj	M.Sk	M.Sl
49	17U45A0229	MINDI MAHESH	M.Mk	M.Mb	M.Mc	M.Md	M.Me	M.Mf	M.Mg	M.Mh	M.Mi	M.Mj	M.Mk	M.Ml
50	17U45A0230	MOPADA NANAJI	M.Nk	M.Nb	M.Nc	M.Nd	M.Ne	M.Nf	M.Ng	M.Nh	M.Ni	M.Nj	M.Nk	M.Nl
51	17U45A0231	NANDARAPU ANANTH KUMAR	N.Ak	N.Ab	N.Ac	N.Ad	N.Ae	N.Af	N.Ag	N.Ah	N.Ai	N.Aj	N.Ak	N.Al
52	17U45A0232	OMMI MANESWARA RAO	M.Mk	M.Mb	M.Mc	M.Md	M.Me	M.Mf	M.Mg	M.Mh	M.Mi	M.Mj	M.Mk	M.Ml
53	17U45A0233	PAKKURTI VINAY	P.Vk	P.Vb	P.Vc	P.Vd	P.Ve	P.Vf	P.Vg	P.Vh	P.Vi	P.Vj	P.Vk	P.Vl
54	17U45A0234	PAMPANA PRAVALLIKA	P.Pk	P.Pb	P.Pc	P.Pd	P.Pe	P.Pf	P.Pg	P.Ph	P.Pi	P.Pj	P.Pk	P.Pl
55	17U45A0235	PEDIREDDLA VENKATA TARAKA SWAROUP	P.Sk	P.Sb	P.Sc	P.Sd	P.Se	P.Sf	P.Sg	P.Sh	P.Si	P.Sj	P.Sk	P.Sl
56	17U45A0236	PENTABOINA SUDHARSHAN	S.Sk	S.Sb	S.Sc	S.Sd	S.Se	S.Sf	S.Sg	S.Sh	S.Si	S.Sj	S.Sk	S.Sl
57	17U45A0237	PITTA KISHORE	P.Kk	P.Kb	P.Kc	P.Kd	P.Ke	P.Kf	P.Kg	P.Kh	P.Ki	P.Kj	P.Kk	P.Kl
58	17U45A0238	POLASAPALLI SAMUEL JACK FELEX	P.Jk	P.Jb	P.Jc	P.Jd	P.Je	P.Jf	P.Jg	P.Jh	P.Ji	P.Jj	P.Jk	P.Jl
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61	17U45A0241	SARAGADAM SURESH	S.Sk	S.Sb	S.Sc	S.Sd	S.Se	S.Sf	S.Sg	S.Sh	S.Si	S.Sj	S.Sk	S.Sl
62	17U45A0242	SENAPATHI GANESH	S.Gk	S.Gb	S.Gc	S.Gd	S.Ge	S.Gf	S.Gg	S.Gh	S.Gi	S.Gj	S.Gk	S.Gl
63	17U45A0243	SHAIK SHARIF	S.Shk	S.Shb	S.Shc	S.Shd	S.Shf	S.Shg	S.Shh	S.Shi	S.Shj	S.Shk	S.Shl	
64	17U45A0244	SORNAPUDI HARSHA	S.Hk	S.Hb	S.Hc	S.Hd	S.He	S.Hf	S.Hg	S.Hh	S.Hi	S.Hj	S.Hk	S.Hl
65	17U45A0245	SRIKAKULAM MAHESH	S.Mk	S.Mb	S.Mc	S.Md	S.Me	S.Mf	S.Mg	S.Mh	S.Mi	S.Mj	S.Mk	S.Ml
66	17U45A0246	SURISSETTY LAVANYA	L.Lk	L.Lb	L.Lc	L.Ld	L.Le	L.Lf	L.Lg	L.Lh	L.Li	L.Lj	L.Lk	L.Ll
67	17U45A0247	VANGALA JAYARAM	J.Jk	J.Jb	J.Jc	J.Jd	J.Je	J.Jf	J.Jg	J.Jh	J.Ji	J.Jj	J.Jk	J.Jl
68	17U45A0248	VEGI VENKATA SATYA SAI HARI HARAN	V.Vk	V.Vb	V.Vc	V.Vd	V.Ve	V.Vf	V.Vg	V.Vh	V.Vi	V.Vj	V.Vk	V.Vl
69	17U45A0249	YENNETI MEENA	Y.Mk	Y.Mb	Y.Mc	Y.Md	Y.Me	Y.Mf	Y.Mg	Y.Mh	Y.Mi	Y.Mj	Y.Mk	Y.Ml
70	17U45A0250	KANDREGULA KISHORE	K.Kk	K.Kb	K.Kc	K.Kd	K.Ke	K.Kf	K.Kg	K.Kh	K.Ki	K.Kj	K.Kk	K.Kl
71	17U45A0251	NANDARAPU NAIDU	N.Nk	N.Nb	N.Nc	N.Nd	N.Ne	N.Nf	N.Ng	N.Nh	N.Ni	N.Nj	N.Nk	N.Nl
72	17U45A0252	JOGI LAXMAN SAI KIRAN	J.Lk	J.Lb	J.Lc	J.Ld	J.Le	J.Lf	J.Lg	J.Lh	J.Li	J.Lj	J.Lk	J.Ll
73	17U45A0253	AYTHI AVINASH YADAV	A.Yk	A.Yb	A.Yc	A.Yd	A.Ye	A.Yf	A.Yg	A.Yh	A.Yi	A.Yj	A.Yk	A.Yl
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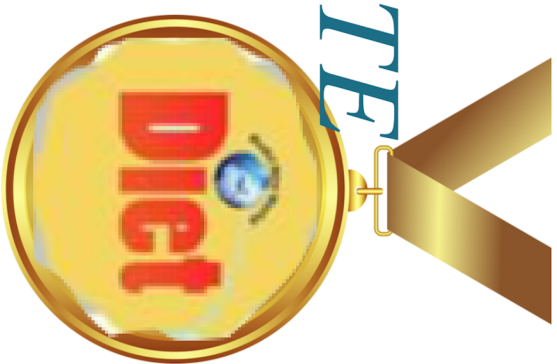
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Mobile: +91 9963981111, Website: www.diet.edu.in, E-mail: info@diet.edu.in

COURSE COMPLETION CERTIFICATE

This Certificate is given to

KARRI SIVA



For the successful completion of 2-weeks course on Energy audit, conservation
& management from 09/11/17 – 21/11/2017

Mr. Ch. Ravi Kumar
Course Instructor

Dr. M. Venugopala Rao
Principal

Sri Dadi Ratnakar
Chairman





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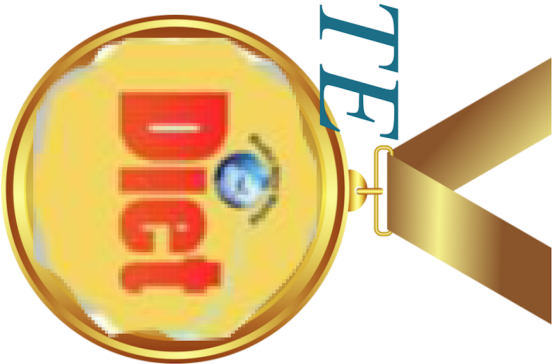
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VEGI MOUNIKA



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Course Instructor

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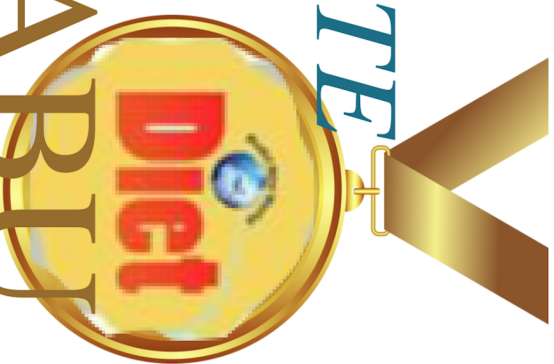
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SAGGORI SURENDRA BABU



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Course Instructor

Dr. M. Venugopala Rao
Principal

Sri Dadi Ratnakar
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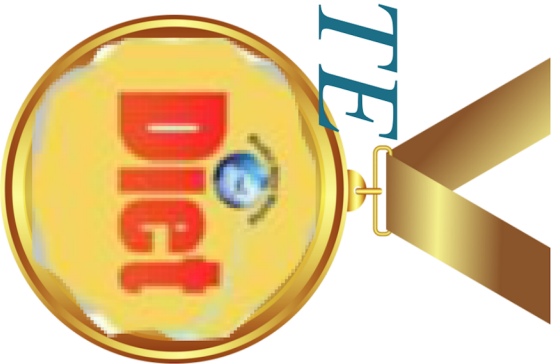
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COURSE COMPLETION CERTIFICATE

This Certificate is given to

SAILADI CHARRAN



For the successful completion of 2-weeks course on Energy audit, conservation
& management from 09/11/17 – 21/11/2017

Mr. Ch. Ravi Kumar
Course Instructor

Dr. M. Venugopala Rao
Principal

Sri Dadi Ratnakar
Chairman





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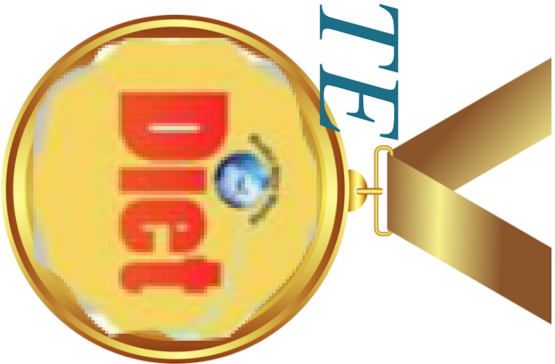
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Course Instructor

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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: 20/09/17 - 21/10/17 Instructor/Coordinator: Ch. Ravi Kumar

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

Feedback/Suggestions

By this course, I came to know how to do the Energy audit,

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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| 1. The content was as described in Publicity Material | 1 | 2 | 3 | 4 | <input checked="" type="radio"/> 5 |
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| 3. I will recommend this course/workshop program to relevant conservators across our campus | 1 | 2 | 3 | 4 | <input checked="" type="radio"/> 5 |
| 4. The program was well placed within allotted time | 1 | 2 | 3 | <input checked="" type="radio"/> 4 | 5 |
| 5. The instructor was an effective communicator | 1 | 2 | 3 | 4 | <input checked="" type="radio"/> 5 |

Feedback/Suggestions

Explanation is important for this course to improve in this energy audit.

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