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:- 1-11-2016

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 &

About the Institute

MANAGEMENT

About the Course

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., EEE

Benefitted Students
II B.Tech. EEE

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.

Date: 7/11/2016 to19/11/2016 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 to19/11/2016

Overview & Need of the Course:

Students will be able to learn thepowerutilization which includes a device that consumes energy constituting the current, such as a battery or agenerator; 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

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For the successful completion of 2-week course on ENERGY AUDIT, CONSERVATION & MANAGEMENT from 7/11/2016 to19/11/2016

Mr. Ch. Ravi Kumar

Course Instructor

Dr. Ch Prabhakara Rao Principal



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Principal

DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

STUDENT FEEDBACK FORM

Dear Candidate

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

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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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Approved by AICTE & Permanently Affiliated to INTUK, Kazinada 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

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