

Fee for the course may be drawn as a demand draft in favour of *The Academic Coordinator IHRD FDP* payable at *SBT Kalloopara (IFSC code SBTR0000464)*. The last date of receipt of applications along with the required fee is July 27th 2016. A scanned copy of the application may be sent to sunilkumar@mec.ac.in. Selected applicants will be intimated by 28th July 2016.

For further details: www.ihrd.ac.in
www.mec.ac.in

Contact

If you need any additional information about the course or any other details, please feel free to contact

*Dr.K. Sunilkumar ,
HOD, Dept of Mechanical Engg
Model Engineering College Cochin-21
#91 9446414018*

How to apply

Application forms can be prepared in the attached format. A sponsorship certificate from the college is mandatory. Filled in applications along with the demand draft may be sent to:

The Academic Coordinator,
Faculty Development Program,
Institute of Human Resources Development,
Vazhuthakad, Trivandrum - 695014.

Institute of Human Resources Development Trivandrum

Faculty Development Program on
Essentials of Energy Management
(1st August to 5th August 2016)

Registration form

1. Name
2. Designation
3. Department
4. Institute
5. Address
6. Phone No
7. email id
8. Qualification
9. Experience (in years)
10. Accommodation required(yes/no)

Date _____ Signature of Applicant _____

Sponsorship Certificate from the institute _____

Date: _____ Signature of Head of the Institute _____

Seal _____



Institute of Human Resources Development Trivandrum

Faculty Development Program on
Essentials of Energy Management
(1st to 5th August, 2016)

Introduction

Institute of Human Resources Development (IHRD) was established by Govt. of Kerala in 1988. The primary objective of the institute is to provide world class man power training in areas of Electronics, Compute, Biomedical, Electrical and Mechanical Engineering. IHRD currently manages several engineering colleges, polytechnics and applied science colleges. The host Model Engg College offers under graduate, post graduate and doctoral programmes in engineering. The college has a separate centre for energy management studies.

IHRD is offering a five day fully residential training program on **Essentials of Energy Management** at **Model Engineering College, Kochi** for faculty members of AICTE approved engineering colleges.

Objective of the course

In the present scenario of energy demand overtaking energy supply, it is important that top priority be given for energy conservation programs and procedures. Also, most of the systems are

modified or are being modified to improve energy efficiency with emphasis on “systems approach”. The objective of the training program is to introduce the basic elements and procedures of energy management in tune with the industrial environment. The program envisages a common platform for stakeholders from industry, academia and researchers to share the state of the art technology in the field of energy engineering. Hands on experience in energy auditing are also arranged as a part of the training program.

Targeted Audience

The course is interdisciplinary in nature and is intended to faculty members of engineering colleges. As the topics cover various dimensions of energy generation and utilization the course will be useful for faculty members of all streams of engineering and applied science. Admission will be based on first come first serve basis.

Course Content

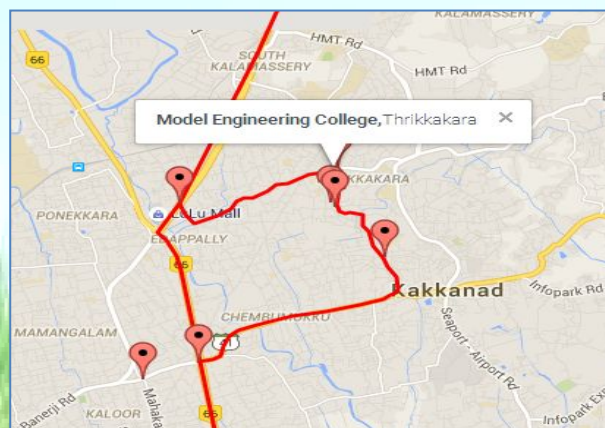
Energy Scenario in Industrial Environment
Energy Auditing: Theory, Demonstration and Case Studies
Non-conventional Energy
Energy and Environment
Energy Efficiency in Electrical Utilities
Regulations for Energy Conservation
Thermal Energy Management
Energy Efficiency and Reliability
Economics of Energy Engineering

Course Outcome

The participating faculty members will be exposed to the energy sector complexities and will be introduced to energy auditing and state of the art energy auditing equipment and tools. The course will also promote research interests in this area.

Venue

The lectures and practical classes are arranged at Model Engineering College, Thrikkakara, Kochi.



Accommodation

The course is residential in nature. 5 days of intensive hands on training will be given. The lectures and practical sessions will be held between 9.30 am and 5 pm on all days. IHRD will arrange suitable (twin shared) accommodation and food for all the participants. IHRD will also arrange transport from the place of accommodation to the venue.

Fee Payable

The course fee is Rs.35000/ per participant. Maximum number of participants is limited to 45.

Faculty

Eminent faculty from academia and industry/ organizations will be handling the classes. Some of the confirmed speakers are

1. **Dr. Sathis Vasu Kailas** (Professor, IISc Bangalore)
2. **Dr. Ashok S** (Professor, NIT Calicut)
3. **Er. Shanavas K M** (Deputy Director Kerala productivity council EKM)
4. **Er. Sunil S** (Asst Executive Engineer Kerala State Electricity Board)
5. **Er. Jayakumar C** (Environmentalist)
6. **Er.Madhavan Namboothiri** (Scientist, NPOL)
7. **Dr.Minu K K** (Associate Professor, CE Poonjar)

COURSE COORDINATORS

Dr. K. Sunil Kumar
Dr. Shouri P V
Prof. Askkar Ali P
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Govt. Model Engineering College, Thrikkakara
Call (+91) 9446414018, 9446962982
e-mail: sunilkumar@mec.ac.in

ACADEMIC COORDINATOR

Dr. Jacob Thomas V
Principal, College of Engineering, Kalloppara