Dear Sir,

You will be happy to know that IISWBM got good response in the last twelve batches of short-term course on Energy Management and Audit which were held during 2007-2014 at IISWBM. Participants from Aditya Birla Insulators, CESC Ltd., Dept. of Health, Eastern Railway, India Power, Kolkata Municipal Corporation (KMC) as well as other Municipalities, Ordnance Factories, PWD, TCS, WBPDCL, WBSEDCL (erstwhile WBSEB) and other industry members, were nominated to these courses.

The modern era of management includes management of energy systems which are becoming more and more efficient with higher degree of sophistication calling for continuous update and capacity building of the concerned people. As per Energy Conservation Act 2001, the Bureau of Energy Efficiency (BEE), Govt. of India, calls for application for the CEM/CEA examination each year. To gain advantage with this enrichment in the modern era with PAT, ISO 50001, Renewable Energy Obligations, ESCert, power trading in the offing and help prepare the candidates for such forthcoming examinations, IISWBM has rescheduled to start the thirteenth batch of the “Short-term Certificate course (STC) on Energy Management and Audit” on 30th November 2015. The institute extends support to all the alumni to help prepare for the examination and to resolve day-to-day issues in energy management, even after completion of the course.

Nominations are, therefore, invited from industries and/or participants for the thirteenth batch of the course scheduled to be held during November 30 – December 12, 2015 for Two-weeks full time (Class timing: 9:00 AM-5:15 PM). The fees will be INR 25000/- per participant as mentioned in the enclosed brochure which is to be submitted by 24th November 2015.

Kindly Email or Phone (details placed below) for clarification/query/elaboration.

We thank you in anticipation.

With kind regards,

(Dr. B K Choudhury, Prof. & Head - MPSTM)

Enclo: The Brochure containing Nomination-cum-Registration Form. Please visit www.iiswbm.edu for details.
**Course Focus Areas:**

(a) General Aspects of Energy Management & Energy Audit:
- Energy Scenario
- Basics of Energy & its various forms
- Energy Management & Audit
- Renewable Sources
- Material & Energy Balance
- PAT
- Energy Action Planning
- Financial Management
- Project Management
- Energy Monitoring & Targeting
- Global Environment Concern & Carbon Trading
- ISO 50001

(b) Energy Efficiency in Thermal Utilities:
- Fuels & Combustion
- Boilers, Steam System
- Furnaces
- Insulation & Refractory
- FBC Boilers
- Cogeneration
- Waste Heat Recovery

(c) Efficiency in Electrical Utilities:
- Electrical System
- Electric Motors
- Compressed Air System
- HVAC & Refrigeration System
- Fan & Blowers
- Pumps & Pumping Systems
- Cooling Tower
- Lighting System
- Diesel Generating System
- Energy Efficiency Technologies in Electrical Systems

(d) Energy Performance Assessment for Equipment & Utility Systems:
- Boilers
- Furnace
- Heat Exchangers etc
- Heat Exchangers etc

**Participation details:**
- Fee INR 25000/ per delegate, for individual & industry sponsored (including study materials, kits, refreshment etc)
- Dedicated hours in classroom, energy laboratory & field visit (energy intensive industry)

**Participant / Nominate No. | Discount | Amount (INR)**
--- | --- | ---
1 | 0% | 25000
2 | 15% | 42500
3 | 15% | 60000
4 | 20% | 80000
5 | 20% | 100000
6 | 25% | 112500
7 | 25% | 131250
8 | 25% | 150000
9 | 30% | 157500
10 | 30% | 175000

**Program intended for:**
- Working executives (BE/BTECH/ME/MTECH/Post graduate in Science or Management/Diploma Engineers or equivalent) to build capacity in Energy Management or to become Certified Energy Manager/Auditor (CEM/CEA).
To,
The Professor-In-Charge
Short-Term Course on Energy Management & Audit

Dear Sir,

We have pleasure in deputing the following delegates for the course to be held at IISWBM, Kolkata during

- **Thirteenth Batch**: November 30 – December 12, 2015 (Two Weeks Full-time; 9:00 AM - 5:15 PM)

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**PARTICIPATING ORGANIZATION’S DETAILS**

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Phone No.: Fax No.: Email address

Enclosed is crossed cheque / bank draft for INR ________, No........................drawn in favor of “Indian Institute of Social Welfare & Business Management” towards registration fee INR 25,000/- for individuals and for Industry Sponsored candidates, per head for ________ no. of participant/s**.

- Xerox of this sheet can be used to accommodate more candidates.

(Authorized Signatory)

SEAL

IISWBM, College Square (West), Kolkata-700 073, Phone: (033) 4023 7474 Ext. 607, 22191683 (D); Fax: (033) 2241 3975; https://www.iiswbm.edu
STC Professor-In-Charge: Dr. B K Choudhury, Email: bkchoudhury@iiswbm.edu, binoykchoudhury@gmail.com, Mobile No.: +91-9433153009