



INDIAN INSTITUTE OF SOCIAL WELFARE & BUSINESS MANAGEMENT (IISWBM)
(India's First B-School-Creating Leaders Since 1953)

SHORT TERM COURSE ON ENERGY MANAGEMENT & AUDIT
Thirteenth Batch

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 2007-2015 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, WBPDC, 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 21st July 2016. The institute extends support to all the participants i.e. alumni members 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 July 21 – September 20, 2016 for Two-months part time (Class timing: 5:30 PM-8:15 PM). The fees will be INR 25000/- per participant as mentioned in the enclosed brochure which is to be submitted by July 9, 2016. For block applications with more than two participation together, the fees would be reduced as per attached Registration Form, i.e. for ten participants, the total fees would be Rs 175000/-

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 - PSM)

Encl: 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

▪ **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%	63750
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).



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Nomination-Cum-Registration Form

(To be submitted by 9th July 2016 for delivery of course materials to participants)

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 : July 21 – September 20, 2016 for Two-months part time (Class timing: 5:30 PM-8:15 PM)

Name of Delegates	Designation	Contact Number	Email address

PARTICIPATING ORGANIZATION'S DETAILS

Name of the Contact Person	
Name of the Organization	
Address	
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**.

(Authorized Signatory)
SEAL

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