

2019

Energy Awareness Program, Seminar and Business Forum at

The Indian Institute of Social Welfare and Business Management

Management House, College Square West, Kolkata-700 073

ORGANISED BY THE DEPARTMENT OF ENERGY MANAGEMENT







December 14, 2019, 10:00 AM - 05:00 PM Venue: Assembly Hall

Organizing Committee

Patron

Prof. Dipankar Das Gupta, Director, IISWBM Organizing Joint-Secretary: Dr. Krishna Murari Agrawal [km agra@yahoo.com] Dr. Binoy Krishna Choudhury [binoykchoudhury@gmail.com] Dr. Arindam Dutta [arindamdutta190@hotmail.com] Advisor (International): Mr. D. Lahiri Treasurer: Dr. Sarbani Mitra [sarbani iiswbm@yahoo.co.in] Mr. Gopal Marik [gopal.marik@gmail.com] and Student Representatives Exhibition: Chair- Mr. Swapan K. Dutta [enconskd@gmail.com] Ms. Piyali Sengupta [piyali.sengupta@gmail.com] Mr. Ujjal Kumar Basu [9903685157] and Student Representatives Media and Communication Committee: Chair- Mr. Amar Nath Bhadra [amarnathhow@yahoo.com] Mr. Pranab Sarkar [pranab.sarkar5995@gmail.com] Mr. Nimai Sundar Manna [drnsmanna@gmail.com] and Student Representatives Technical Committee (Proceeding & Brochure): Chair- Mr. Prasun Kumar Chakraborty [pkchakrabarty47@gmail.com] Dr. Jitendra Saxena [jsaxena531@gmail.com] Dr. Sarbani Mitra [sarbani_iiswbm@yahoo.co.in] Mr. Amar Nath Bhadra [amarnathhow@yahoo.com] and Student Representatives **Reception Committee:** Chair- Ms. Piyali Sengupta [piyali.sengupta@gmail.com] Mr. Biswarup Mazumder [mazumderbiswarup05@gmail.com] and Student Representatives Sponsorship Committee: Chair- Mr. Prabir Kumar Roychoudhuri [pkraychaudhuri@gmail.com] Mr. Gopal Marik [gopal.marik@gmail.com]

Mr. Parag Bhushan Bhattacharyya [paragbhattacharyya@gmail.com] and Student Representatives

NB: PLEASE COPY ALL YOUR COMMUNICATION TO BELOW EMAIL.

Please copy all your Emails to Encon 2019 Email: enconiiswbm@gmail.com

Observance of Energy Conservation Day 2019 Renewables Vs Conventional: Future Energy mix of India

ORGANISED BY THE DEPARTMENT OF ENERGY MANAGEMENT

IISWBM at Kolkata provides one of the foremost post-graduate programme in Energy Management in the country along with Environment Management, Health-care & Hospital Management and Transportation & Logistics Management, together instanced by the Government of India as Public Systems Management (PSM), the first of its kind in India. The observance of this day started by IISWBM with Energy Club in 2000 along with some leading industries in the region, later joined by India's first Chapter of the Association of Energy Engineers, USA, world's largest body of energy professionals, and other National, International, Government and Nongovernment organizations.

Venue: The Indian Institute of Social Welfare & Business Management (<u>www.iiswbm.edu</u>) College Square West,

Behind Calcutta University Kolkata, West Bengal 700073, India

INTRODUCTION

IISWBM- The First B School of India, was constituted on 25th April, 1953 by a resolution passed by the Senate of the University of Calcutta. The Institute has successfully reached its Diamond Jubilee Year, signifying 60 years of eventful journey in management education in India since that day. The Government of India, Department of Posts in recognition of 50 years of glorious existence of the first B-school in the country, released a Commemorative Postage Stamp on IISWBM, on 25th April, 2004 in New Delhi. IISWBM hosted the first Energy Club in 2000 and the first AEE Chapter in 2003 and AEE Student Chapter in India. The Chapters boast of securing the international awards in the various categories in each of the last sixteen years i.e. since the year of its inception in 2003.

The Chapter so far has received more than 30 International Awards, including the International Award for Best Chapter Overall Performance for five years and facilitated more than 34 international students' scholarship to deserving students in the country.

OBJECTIVE

The aim of this ENCON Day Program is to bring together of all the leading academic scientists, researchers and research scholars, professionals, Engineers, manufacturers and consultants world -wide working or studying in the field of Energy management to one platform to interact and participate in the deliberations. The recent developments and researches will be consolidated and conclusions will be arrived at. The essence and conclusions of the deliberations will be communicated to the concerned authorities for implementation through exchange and share the experiences and research results on all aspects of Energy Management, in global and Indian context. The focus will be on the important role of renewable power, renewables are unlikely to surpass coal as the major source for the power generation in the near future and the Indian energy transition scenario will be proper energy mix against the backdrop of increasing focus on the renewable energy sources for the generation of power in the face of global warming.

ACTIVITIES OF THE ORGANISATION

- To organize technical workshops for information sharing and exchange.
- To create awareness campaigns on energy efficiency.
- · To organize promotional campaign of Energy efficient products
- To recognize and reward ideas and works in energy efficiency practice.
- To propagate the idea and concept of energy efficiency among other interested associations.
- To create jobs and job referrals.
- To impart the knowledge of energy management and energy efficient practices among budding future energy managers.
- To promote the scientific and educational interests of those engaged in the energy industry.
- To foster cooperative action in advancing by all lawful means the common purposes of its members and promote activities designed to enable the industry to be conducted with the greatest economy and efficiency.
- To afford due consideration to and expression of opinion questions affecting the industry and to hold Meetings for the presentation and discussion of energy related subjects.
- To cooperate with other industries, organizations and government.







Energy Club

As the 14th of December is observing as the energy conservation day throughout the nation, the energy club of the IISWBM, a registered body under the Government Society Act is going to observe the Energy Conservation day to raise the awareness levels of the common people and it has become an essential part of the Energy Club as a major activity toward the protection of the environmental degradation which is aimed at improving the quality of the environment for the safe living of the human beings. The conservation of power means conservation of the energy so, its part and parcel activities of the energy club and this activity has been on since the inception of the club in the year 2000.

The Energy Club MoA & Regulations have been accepted by the Registrar of Society, Government of West Bengal, India.

AEE Kolkata Chapter

The first chapter of the Association of Energy Engineers, in India was inaugurated on February 21, 2003 by H. E. Mr. George N Sibley, the American Consul General, Consulate General of USA in Kolkata at Indian Institute of Social Welfare of Business Management(IISWBM). We also have received the highest recognition for chapter "Best Chapter Performance Award " more than two times from AEE. IISWBM got Corporate Life Membership of AEE in 2011. Corporate Membership allows IISWBM to gain exposure to industry leaders, access to standards and technological resources. Last but not the least this is obvious that as a corporate member we avail the benefits for also the designated officers and staffs of AEE(USA).

SOLAR POWER IS THE LAST ENERGY RESOURCE THAT ISN'T OWNED YET - NOBODY TAXES THE SUN YET. ~ BONNIE RAITT

Renewables or Conventional: Future Energy Mix of India

RENEWABLES OR CONVENTIONAL?

The Coal based power will be the main stay in the energy mix for power generation in India as it contributes 64 percent in the energy portfolio. The renewable power is unlikely to be able to cater to the economic activity in the near future, therefore it has to be made in the proper energy mix.

ECOMOBILITY

Ecomobility is travel through integrated, socially inclusive, and environmentally friendly transport options, including and integrating walking, cycling, public transport and other climate and people friendly innovative modes of transport.

GREEN BUILDING

Green building is the practice of creating structures and using processes that are environmentally responsible and resource-efficient throughout a building's life-cycle from siting to design, construction, operation, maintenance, renovation and deconstruction. This practice expands and complements the classical building design concerns of economy, utility, durability, and comfort.

MICROFINANCE

In a world where more than 1.6 billion people lack access to electricity and 2.7 billion people rely on the traditional – and typically polluting – use of biomass for cooking and heating, access to clean energy has become a key development challenge. Clean energy systems are also becoming progressively less expensive both in absolute terms and also relative to most popular fossil-fuel alternatives. However, lack of appropriate end-user finance schemes has impeded reaching lowincome market segments on a wide-scale. Appropriate financing arrangements – combined with targeted quality assurance of technologies being financed and technical advisory services – are key to overcoming this market failure.

GLOBAL WARMING

In the wake of global warming, the Government of India has envisioned a target embracing to embrace the renewable energy, the way forward to safe our planet Earth for any major catastrophe. Modern world has witnessed the scores of environmental issues like the pollution attribute d from the thermal power plants, weather fluctuations due to climate change and this has posed major challenges for the mankind where the need of the alternate sources of energy that has grown over the years and after major push is observing after the Paris Agreement. At a time , when experts of the NITI AAYOG authority is striving hard for green energy initiatives to bring down the carbon emissions, we, the registered Energy Club is in line with this direction and as usual we are organizing the ENCON day celebration on 14th of December of this year in order to percolate the awareness level amongst the large section of the society.

INDICATIVE PROGRAMME SCHEDULE

Venue: Assembly Hall, IISWBM & Exhibition at Student Activity Centre, IISWBM

Registration of students for Events at Student Activity Centre: 9.30 AM - 10.00 AM

Assembly of Pre-Registered Delegates and Spot Registration (Limited): 9.30 AM – 10:00 AM









Registration Application Form

Please Submit the form (before November 22, 2019) through Email

PERSONAL DETAILS TitleFrist Name.......Middle Name...... Last Name...... Job Title...... Organisation..... Address City Postal/ Zip Code..... State..... Country..... CellEmail..... **REGISTRATION CATEGORY**

Indian Delegates International Delegates

Accompanying Person

PAYMENT DETAILS

Enclosed Please the Bankers 'Cheque/ Draft/ RTGS/ NEFT of INR.....

No.....Dated.....Day.....Day....Year....

. . . Date Signature By post with Cheque/ Draft to Payment may be made through the Bankers 'cheque/ Bank DD in favour of.....

> **REGISTRATION IS FREE TO ALL MEMBERS OF AEE,** ENERGY CLUB, SPONSORS, ASSOCIATES AND STUDENTS WHO REGISTER BEFORE NOVEMBER 22, 2019.

> > **REGISTRATION FEE: INR 500 / USD 100**

Mandatory Registration Link FOR ALL

https://docs.google.com/forms/d/e/1FAIpQLScqxlMRGVTWRG4uFtMr_0a3EYzOKSS95j w6BrRU0wxHBlZmcg/viewform

Encon 2019 Email: enconiiswbm@gmail.com



Sponsorship Idea

Exhibitors can avail the opportunity to exhibit their products and profiles during the Conference. The companies or organizations may book the stalls in advance, as per the schedule given below before **November 22, 2019**:

Sponsorship Level	PLATINUM Slot of 15 minutes & nominate 5 members to participate	GOLD Slot of 10 minutes & nominate 3 members to participate	SILVER Nominate 2 members to participate
Minimum Donation Amount	INR 50000	INR 30000	INR 10000
Tax receipt provided	\checkmark	\checkmark	
Corporate Logo displayed in banner	\checkmark	\checkmark	\checkmark
Featured in post event writeup and video	\checkmark	\checkmark	\checkmark
Corporate logo, 250 character description, and link to your website	\checkmark	\checkmark	\checkmark
Exhibition	INR 5000 per table of 20 square ft with two delegates		

Mandatory Registration Link FOR ALL

https://docs.google.com/forms/d/e/1FAIpQLScqxlMRGVTWRG4uFtMr_0a3EYzOKSS95j w6BrRU0wxHBlZmcg/viewform

Encon 2019 Email: enconiiswbm@gmail.com







Sponsorship Application Form

ABOUT BUSINESS		
Company Name		
Mailing Address		
City	Province	Postal Code
Website		
Industry Type		
Main Contact Person		
Phone		
Fax	Email	
Sponsorship Level : Plati	num / Gold / Silver / E	Exhibition
Association with ENCON	program before : Yes	s No

PAYMENT DETAILS

Mode of Payment :	Bankers 'Ch	neque/ Draft/ RTGS/ NEFT of
INR	, (Word)	
No	dated	Day
Month		
Date		Signature

TARIFF FOR SPONSORSHIP

Organizations interested to sponsor various activities may send the details of Sponsorship along with A/C payee Cheques / Demand Draft drawn in favour of "....." Payable at for appropriate amount on or before **November 22, 2019**.

Mandatory Registration Link FOR ALL

https://docs.google.com/forms/d/e/1FAIpQLScqxlMRGVTWRG4uFtMr_0a3EYzOKSS95j w6BrRU0wxHBlZmcg/viewform

Encon 2019 Email: enconiiswbm@gmail.com

Photo Gallery

















