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MARCH 2021

society of
energy engineers
and managers



VIEW POINT

Goal of Net zero by 2050- just aspirational or realizable

India is seized of a trillion dollar question- whether to make the goal of going net zero by 2050, binding. Making the goal binding can attract a few trillions which will go around the globe towards this great cause. Are we ready to take up the challenge and that is the trillion dollar puzzle. The puzzle is compounded when we have to simultaneously grapple to secure clean accessible energy and livelihood to our millions who are presently deprived.

The asking rate of renewable energy growth which is a major component of our race to net zero is far from what is achieved so far. Accelerating the growth rate will need a multipronged blitzkrieg on present utility infrastructure bringing about revolutionary reforms. The domestic production which is lagging in spite of aiding import duty structure to aid it, has to spruce up considerably to meet the demand for the scaling up of growth in this sector

We continue to depend heavily on fossil fuels like coal and petroleum and bio mass for our energy needs. Changing this energy mix is a great challenge, even in the face of an accelerated growth of renewables. Here more effective ways to capture the carbon emissions from coal power plants are needed.

The growing population and improving economic conditions put the demand growth of energy at a fast clip. India is likely to witness the fastest energy demand growth among world nations in the next decades. Catering those needs will have to be balanced with environmental friendly sources and processes.

There are many initiatives which are intended to propel India towards an electrified transport system which will allay pollution from petroleum driven transport. This also lacks in the face of a stiff asking rate. The freight transport contributes nearly fifty percent of transport emissions. Addressing this sector will pose a challenge.

As a developing economy, our industry is still in the growth phase. This industry has to cater to the growth needs of providing cement, steel chemicals and other carbon intensive materials. The industry will have to resort to greener processes and technologies to grow in a clean way to meet the ambitious climate goals. This will require investments in innovations.

The combined requirement of investments in energy, transport, industry and buildings in next decade are estimated to be at least three times the average investments in these areas in last decade.

The leadership has to play a great role in reinforcing the policy and implementation frame work and regulatory structure to facilitate this difficult yet much needed energy transition. The policy bodies and consultancies will have a lot to fill their hands.

All these indicators point towards challenge and opportunity for energy management professionals. Challenge is in embracing broader concepts and inclusive thinking beyond just engineering. Opportunities galore for who can equip themselves with skills and knowledge to effectively contribute in each of the above narrated spheres guiding India towards seemingly aspirational, yet achievable goal of going net zero by 2050.

G Krishnakumar

Immediate Past National General Secretary &
Chief Operating Officer



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REPORT

SOCIETY OF ENERGY ENGINEERS AND MANAGERS Tamilnadu Chapter


www.seemindia.org

Society of Energy Engineers and Managers, Tamilnadu Chapter welcomes you to join a webinar on "Self Reliance in Energy - Way forward with Bio Energy with adoption and promotion of Appropriate Technologies"



27/03/2021



7.30 pm - 8.35 pm IST

Topics:-

Self Reliance in Energy - Way forward with Bio Energy with adoption and promotion of Appropriate Technologies.

Key takeaways:-

Potential of Bio Energy in India
Present Status of Bio Energy in India and the Bio CNG Program
Present Status of Bio Energy Technologies in India and the need to adopt Break Through Technologies.
Role of Thermo Chemical Technologies and Focus on 2 Technologies addressing Combustion and Bio Crude from Biomass which can contribute.

Presenter



Mr.S.Mahadevan, B.E., M.B.A., FIE, MIMA, AMT, He is a Fellow Member with the Institution of Engineers and a Life Member with SEEM.

Experience:

He had a long stints of service with the General Electric Company of India Limited and Bharat Bijlee Limited holding senior positions, and stints as Consultant with the Copper Promotion Council of India and AREVA Bioenergy India (Pvt) Limited.

His area of work is Energy Efficient Motors and during his engagement with Copper Promotion Council of India, he completed a Project of Efficiency Improvement of Motors with Die Cast Copper Rotors, in the Coimbatore Cluster.

His passion is Renewable Energy in General and Bio Energy in particular. During his engagement with AREVA Bioenergy, he was involved in a number of surveys and Technology Promotion in the areas of Biomass Combustion and Technology for production of Bio Oil/ Bio Crude from Biomass.

Joining Link: <https://us02web.zoom.us/j/8128332934?pwd=RVU1OUhWVG5VcG1KOTRMRkR1T2FQQT09>

Meeting ID: 833 012 6220
Passcode: SEEMTN

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SEEM Tamil Nadu Chapter conducted a webinar on the topic "Self Reliance in Energy - Way forward with Bio Energy with adoption and promotion of Appropriate Technologies" on 27th March 2021.

WHY FOSTERING INDIVIDUALITY IS ESSENTIAL FOR ORGANISATIONAL GROWTH- MR. PRAVIN TODKAR

Mr. Pravin Todkar our SEEM AP- Telangana chapter Secretary explains Why fostering individuality is essential for organisational growth. The Sixteen -member CSV team upholds a vibrant work culture, ensuring to hone the uniqueness of each individual. Mr. Pravin Todkar, global lead CSV finds that the highlight of the teams functioning is driven by a process that remain s globally common. He provides a complete overview of the validation process through the V- model

consistency and reliability of the process are of utmost interest importance of while producing quality products. The team functions around software development project management, quality assurance , data management and regulations. Mr.Todkar believes a diverse range of operations call for diversity in action and workforce . We need vibrant perspectives to ensure smooth functioning. CSV is common across global operations covering all 21 sites. The importance of diversity and unity can thus be

measured by our functioning." Mr. Todkar explains. The team extensively drives compliance in highly complex technology- driven projects. That's why Mr. Todkar reiterates the importance of team unity in a culturally diverse organization. "We all bring our expertise, thoughts, ideas and beliefs to a company. We must acknowledge, respect and accept each other to develop a culture that focuses on excellence ." he concludes.

Growth of Solar PV Technologies



Growth of Solar PV Technologies in Tamil Nadu

17 March, 2021 | 3:00 - 4:30 PM IST

Photo Credit:
Andreas Gückelhorn/Unsplash

WRI India conducted a webinar on the topic "Growth of Solar PV Technologies" on 17th March 2021.

This webinar is organized as part of WRI's Innovative and New Clean Energy Technology Forum (INCETF) and the Sustainable Energy Transformation of Tamil Nadu (SET-TN). The objective of the

forum is to enhance the knowledge, gain valuable insights, and accelerate clean energy transition with panel discussions from industry leaders and government stakeholders on all the latest trends and developments in renewable technology, challenges and opportunities, and case studies.

SET is a collaborative initiative by Auroville Consulting (AVC), Citizen Consumer and Civic Action Group (CAG), and the World Resources Institute India (WRI India). SET aims to facilitate higher clean energy deployment in Tamil Nadu by working with stakeholders to find sustainable and equitable solutions.



ENSURING SAFETY OF SOLAR PV MODULES AND INSTALLATIONS

Ensuring Safety of Solar PV Modules & Installations
Sat, 13 Mar 2021 | 12:30pm to 2:30pm

<p>Current Voltage Characteristics of PV Modules (MPPT)</p> <p>Bypassing & Blocking Diodes</p>	<p>PV Modules Tests</p> <p>Overview of Safety Aspect of Solar Plants</p> <p>Dr Nikhil P G Assistant Director, National Institute of Solar Energy India</p> <p>Session Facilitator Amol Kalsekar Chief Manager, Wires & Cables Program, ICA India</p>
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REGISTER NOW

International Copper Association India conducted a webinar on "Ensuring Safety of Solar PV Modules and Installations" on 13th March 2021. Our SEEM Member **Dr. Nikhil P G**, Assistant Director, National Institute of Solar Energy India was the presenter of the webinar.

SEEM MAHARASHTRA CHAPTER CONDUCTED A MEETING AND A TECHNICAL TALK ON 13TH MARCH 2021. COL .SURENDRA KUMAR WAS THE PRESENTER OF THE TECHNICAL TALK ON "ENERGY CONSERVATION IN COOLING TOWERS AND ASSOCIATED PUMPS".

SEEM KARNATAKA CHAPTER CONDUCTED A WEBINAR ON "RETROFIT SOLUTIONS FOR INDUCTION MOTORS" ON 13TH MARCH 2021.

SOCIETY OF
ENERGY ENGINEERS AND MANAGERS
Karnataka Chapter



www.seemindia.org

Society of Energy Engineers and Managers, Karnataka Chapter welcomes you to join a webinar on **"Retrofit Solutions for Induction Motors"**



March 13, 2021



Time 7.30 pm - 8.30 pm IST

Induction motors are most widely used in industries and commercial buildings. Proper selection, maintenance and operation is essential for efficient operation of induction motors.

Retrofit of motors is recommended for upgrading efficiency and reliable performance of the prime movers of the rotating systems.

Assessing condition of the asset and applying new global standards and available options.

From this webinar one can learn Critical understanding of the assets for NPV and potential for ROI and Practical tips through case studies for newer assets

Presenter

Jeyaram Srinivasan- (B.Sc PGDMM, Industrial Motor Expert) Specialist Expert in electric motors electric systems. He have more than 20 years experience in enhancing motor and motor systems analysis, efficiency improvement and related areas. Carried out many assignments for various industries for electrical system, motors efficiency improvement programs. He shared his knowledge in various programs as resource person.

Registration Link <https://forms.gle/SWUSk4VCjsqjNTq16>

For any Support:

Benet George, Secretary, SEEM Karnataka Chapter
+91 9611800893, seemkarnataka@gmail.com



SAFE WIRING PRACTICES FOR INDUSTRIAL ELECTRICIANS


KERALA STATE PRODUCTIVITY COUNCIL

Productivity House, Kalamassery - 683 104


**International Copper
Association India**
Copper Alliance


SAFE WIRING PRACTICES for Industrial Electricians

Date: Monday, 22nd March, 2021
Time: 10.30 am to 12.30 pm
Registration Fees: Rs.250 + GST (18%)

Kerala State Productivity Council in association International Copper Association India (ICAI) is Organizing an On-line Training Programme on Safe Wiring Practices for the benefit of Electricians, Technicians and Supervisors working in industries and service organisations. The programme will cover the following topics.

- ☒ Cable selection
- ☒ Circuit planning
- ☒ De rating
- ☒ Short Circuits
- ☒ Overloading
- ☒ Earthing
- ☒ Safe personal work practices etc.

PARTICIPANTS :

Electricians, Technicians and Supervisors working in industries and service organisations.

Discussions will be primarily in Malayalam.

Last date of Registration: 20th March, 2021 before 5.00 pm

Prior Registration is mandatory. The webinar participation details will be sent through E-mail on receipt of confirmed registration.

Participation certificate will be issued by KSPC to all participants

For more details, please contact Ph: 0484-2555526/8547897526..

www.kspconline.com

FACULTY

Shri. G. Krishnakumar –

A Graduate Electrical Engineer from NIT, having over 40 years Project Management experience in Electrical & Energy Efficiency projects. Presently the Project Associate of International Copper Association India.

Chartered Engineer-Institution of Engineers, India, Certified Energy Auditor from BEE, Government of India, Certified Lead Auditor for management systems-quality, environment, energy ISO 9001, 14001, 50001. Zero Defect Zero Effect (ZED) Consultant, Certified by Quality Council of India (QCI)


CLICK HERE TO REGISTER

M. Thomas Kadavan
Chairman

M.D. Varghese
Hony. Secretary

A. P. Jose
Director

Kerala State Productivity Council in association with International Copper Association India is conducted an online training programme on Safe wiring Practices for Industrial Electricians, Technicians etc on 22nd March 2021. Our SEEM Immediate past General Secretary and SEEM Chief Operating Officer Mr. G Krishnakumar is the faculty of this training program.

MILMA MALABAR REGION M D MR. VIJAYAKUMAR HAS RETIRED

After 38 years of service Milma Malabar Managing Director Mr.K M Vijayakumar has retired. Mr. Vijayakumar plays a major role in various developments of Milma. He started his career as an employee of KLD & MM board.

He has received the Kerala State Energy Mangement Award in 2010. He is the Vice-Chairman of SEEM Kerala chapter.

Mr.K S Mani chairman of milma addressed an online farewell function at Milma Naduvattom Human resource office. Mr. K T Thomas, Prof. Balakrishnan Nambiar, Mr. M.D Murali and others were participated in the function.

മിൽമ എം.ഡി. കെ.എം. വിജയകുമാർ വിരമിച്ചു

ബേപ്പൂർ - 38 വർഷത്തെ സേവനത്തിനു ശേഷം മിൽമ മലബാർ മേഖലാ മാനേജിങ് ഡയറക്ടർ കെ.എം. വിജയകുമാർ വിരമിച്ചു. "മിൽമയുടെ വിവിധ ഡെവലപ്മെന്റുകളുടെ നിർമ്മാണത്തിലും വികസനത്തിനും പ്രമുഖ പങ്ക് വഹിച്ച വിജയകുമാർ 1982-ൽ കെ.എൽ.ഡി. ആൻഡ് എം.എം. ബോർഡിൽ ഉദ്യോഗസ്ഥനായാണ് സേവനമാരംഭിച്ചത്.

2010-ലെ കേരള ഏറ്റവും മികച്ച മാനേജർ അവാർഡ് ലഭിച്ചു. സൊസൈറ്റി ഓഫ് എൻജിനീയർമാരുടെയും എൻജിനീയർമാരുടെയും ചാപ്റ്ററിന്റെ വൈസ് ചെയർമാനായും കാലിക്കറ്റ് മാനേജ്മെന്റ് അസോസിയേഷൻ പ്രവർത്തനസമിതി അംഗമായും



കെ.എം. വിജയകുമാർ

പ്രവർത്തിച്ചിട്ടുണ്ട്. മിൽമ ന്യൂസ് റൂം, റിസോഴ്സ് മാനേജ്മെന്റ് കാര്യാലയത്തിൽ നടന്ന ഓൺലൈൻ യാത്രയയപ്പ് ചടങ്ങിൽ മിൽമ ചെയർമാൻ കെ.എസ്. മണി മുഖ്യാതിഥിയായി. മിൽമ ഫെഡറേഷൻ എം.ഡി. ഡോ. പാട്ടിൽസുരേഷ്, എൻ.ഡി.സി. ബി. സിനിയർ മാനേജർ റോമി ജേക്കബ്, ജിജി ഏബ്രഹാം, മിൽമ മുൻ എം.ഡി. കെ.ടി. തോമസ്, പ്രൊഫ. ബാലകൃഷ്ണൻ നമ്പ്യാർ, പ്രൊഫ. ജോൺ, ഡോ. രാധാകൃഷ്ണൻ, രാമകൃഷ്ണൻ, ക്യാപ്റ്റൻ കെ.കെ. ഹരിദാസ്, കെ. അജയൻ, ശ്രീനാഥ്, യൂണിയൻ ബാങ്ക് സിനിയർ മാനേജർ കമലാക്ഷി, ഡോ. എം.ഡി. മുരളി തുടങ്ങിയവർ പങ്കെടുത്തു.



BUILDING A SUSTAINABLE ENERGY FUTURE THROUGH INCREASED POWER SECTOR EFFICIENCY

The term "Energy Efficiency" is normally understood and taken to be efficient use of energy by consumers. The message of energy efficiency has been taken to the masses and they also are also on board since inefficient use of energy has adverse financial implications for them. At the same time, there is a need to look at efficiency in generation of coal-based power that leads to emissions with adverse consequences of climate change. Burning of coal is responsible for around 44% of carbon dioxide (CO2) emissions worldwide and accounts for 72% of total greenhouse gas emissions

from the electricity sector. Under the Paris Climate Agreement 2015, India has made commitments under the Nationally Determined Contributions (NDC) for three quantifiable goals by 2030 a) reduction in the emission intensity of GDP by 33-35 per cent over 2005 levels b) achieving 40 per cent installed power capacity from non-fossil fuel-based energy sources and c) creating an additional carbon sink of 2.5 to 3 billion tonne of carbon dioxide equivalent through additional forest cover.

With the increasing share of **renewable** energy in the

country's energy mix, only a few new coal-based plants are expected in future. Many existing plants would have to conform to environmental norms and the new plants that might come up will be with super or ultra-supercritical technologies with low auxiliary consumption and heat rate providing high energy output for the same amount of coal burnt. The strategy for energy future would be to promote thermal plants that have greater operational efficiency and flexibility to support intermittent **renewable** energy.

Source:

<https://energy.economictimes.indiatimes.com/news/renewable/building-a-sustainable-energy-future-through-increased-power-sector-efficiency/81583280>



ONE BILLION PEOPLE LIVE IN CITIES SHIFTING AWAY FROM FOSSIL FUELS

The number of cities working to replace fossil fuels with renewable energy surged in 2020, representing a quarter of the world's urban population, or one billion people, green energy policy network REN21. More than 1,300 cities had set targets or introduced policies to boost renewable energy by the end of 2020, while those enforcing complete or partial bans on fossil fuels like diesel and gas increased fivefold to 43, REN21 said in a report.

Cities account for 55% of the global population yet use around three-quarters of

energy and are responsible for about 75% of carbon dioxide emissions, it noted. As national governments prepare for the COP26 U.N. climate conference in Glasgow in November, calls are growing for much steeper emissions cuts to meet global climate goals, including by municipal authorities.

"Cities have a major role to play when it comes to driving the energy transition in all sectors," REN21's executive director Rana Adib told the Thomson Reuters Foundation. She said the COVID-19

pandemic had piled further pressure on cities to reduce pollution and shift to using clean energy, as it placed residents' health at the centre of the public debate.

Actions taken by cities have included setting time-bound targets to raise the share of their energy produced from renewable sources, such as solar and wind power. They have also introduced regulations and incentives to encourage the uptake of renewables in power, transport, heating and cooling.

Source:

<https://energy.economictimes.indiatimes.com/news/coal/one-billion-people-live-in-cities-shifting-away-from-fossil-fuels/81570051>

INDIA EXPERIENCED FIRST DECREASE IN CARBON EMISSIONS IN FOUR DECADES



Lower energy consumption during the lockdown period related to COVID-19 and a decreased share of coal in the electricity mix has led to the first decrease in carbon dioxide (CO2) emissions in four decades in India, according to a recent report.

It added that though temporary, the country experienced a 15 per cent decrease in emissions in March and a 30 per cent decrease in April this year.

According to the report by consulting firm Capgemini,

Source:

<https://energy.economictimes.indiatimes.com/news/power/india-experienced-first-decrease-in-carbon-emissions-in-four-decades/79260702>

most of the drop in total power demand was borne by coal-based generation, which fell by 15 per cent in March and 31 per cent in the first three weeks of April. While the share of coal in the energy mix decreased from about 75 per cent pre-lockdown to 65 per cent.

It added that the share of renewables in the power mix increased from about 17 per cent to above 25 per cent, especially due to low operating costs and priority access to the grid through regulation.

"Following the lockdown measures, energy consumption fell by about 25 per cent within 10 days due to demand reduction from industries linked to supply chain disruptions and slowdown in demand. The western industrial regional -- Gujarat and Maharashtra -- recorded the steepest decline in consumption, where it fell by 35 per cent," said the report titled 'World Energy Markets Observatory report 2020' by Capgemini.

GRAM UJALA SCHEME TO OFFER LED BULBS FOR RS 10 PER PIECE IN RURAL AREAS



State-run EESL arm Convergence Energy Services Ltd (CESL) on Friday launched the Gram Ujala programme under which high quality energy efficient LED bulbs will be given for Rs 10 per piece in certain villages of five states in the first phase.

In the first phase of this programme, 15 million LED bulbs will be distributed across

Source:

<https://energy.economictimes.indiatimes.com/news/power/gram-ujala-scheme-to-offer-led-bulbs-for-rs-10-per-piece-in-rural-areas/81598214>

villages of Aarah (Bihar), Varanasi (Uttar Pradesh), Vijaywada (Andhra Pradesh), Nagpur (Maharashtra), and villages in western Gujarat. The programme will be financed entirely through carbon credits and will be the first such programme in India.

"CESL, a wholly-owned subsidiary of Energy Efficiency Services Ltd (EESL), unveiled

GRAM UJALA programme today," CESL said in a statement.

The Gram Ujala programme was launched by Power & New and Renewable Energy Minister R K Singh in Bihar. Under the programme, 7 watt and 12-watt LED bulbs with three years of warranty will be given to rural consumers on submission of working incandescent bulbs.



BIHAR BECOMES FIRST STATE TO HAVE OWN ETHANOL POLICY FOR BIOFUEL

The state industries minister, Syed Shah Nawaz Hussain, on Friday launched the much-touted Ethanol Production Promotion Policy, 2021. The state cabinet approved it on Tuesday, making Bihar the first state in the country to have an ethanol promotion policy under the National Policy of Biofuels, 2018.

The state ethanol policy allows the extraction of ethanol, which was restricted to

Source:

<https://energy.economictimes.indiatimes.com/news/oil-and-gas/bihar-becomes-first-state-to-have-own-ethanol-policy-for-biofuel/81598341>

sugarcane, from surplus quantities of maize as well. An investor will get an additional government subsidy of 15% of the cost of plant and machinery up to a maximum of Rs5 crore, in addition to the existing incentives under the Bihar Industrial Investment Promotion Policy, 2016.

Speaking at the launch, Shah Nawaz said a tripartite agreement between investors, banks and oil manufacturing companies will act as collateral

for secured loans for establishing greenfield standalone ethanol manufacturing units in the state.

The industries minister also claimed that the policy would provide remunerative returns to investors and other stakeholders. "It will directly increase the income of farmers producing feedstock or raw material for ethanol manufacturing," he said.

NEWS

SEEM NATIONAL ENERGY MANAGEMENT AWARDS 2020



Inspiring Energy Efficiency

Instituted in 2014, SEEM National Energy Management Awards recognize and support best efforts taken by various sectors for improving energy efficiency, thereby supporting India's journey towards climate change mitigation and sustainable development

SEEM National Executive Council invites applications for the prestigious SNEMA 2020

Unlike other awards, SNEMA do not focus on the percentage of energy saving achieved during the assessment year. Instead, systematic actions towards sustainable energy performance are considered for recognition. This approach ensures that assessment does not get skewed based on production levels.

Who Can Apply?

Applications are sought for the following categories

Individuals

- Certified Energy Manager
- Certified Energy Auditor

Award Category Best Performance Awards

Applications in the category of individuals should be made separately irrespective of the application submitted by organisations in the other categories

ENCON Promoters

- Energy Service Companies
- NGOs
- Government agencies
- Registered trusts
- Energy audit firms etc.

Award Category Best Performance Awards

Who Can Apply?

Production, Manufacturing & Service Sector

INDUSTRIES

- | | |
|------------------------|------------------|
| • Aluminium | • Cement |
| • Chlor Alkali | • Pharma |
| • Fertilizers | • Petrochemicals |
| • Steel | • Chemicals |
| • Textile | • Glass |
| • Automobile | • Tea |
| • Consumer goods | • Tyre |
| • Food processing | • All others |
| • Pulp & paper | |
| • Refinery | |
| • Sponge iron | |
| • Thermal power plants | |

Award Category Silver / Gold / Platinum

Any industry / facility can apply in this category irrespective of size / service / product

Who Can Apply?

Production, Manufacturing & Service Sector

FACILITIES

- Banking
- Airlines
- Railways
- IT/ITES
- Hotels
- Hospitals
- Malls
- Educational Institutions
- Business Centers
- Prints/Visual Media etc.

Award Category Silver / Gold / Platinum

Any industry / facility can apply in this category irrespective of size / service / product

Corporate Houses

- All Corporate or business houses in manufacturing / Services sectors

Award Category Best Performance Awards

SEEM NATIONAL ENERGY MANAGEMENT AWARDS 2020

Registration Closed



NEWS

SEEM NATIONAL ENERGY MANAGEMENT AWARDS 2020

How to Apply

To apply for the awards please register in the pre-registration link for the 1st Level Assessment.

🔗 <https://forms.gle/SNEMA2020>

After PRE-REGISTRATION FOR 1st LEVEL ASSESSMENT, selected participants will be asked to submit the details for evaluation and a Unique Identification Code (UIC) will be issued

Upon receipt of the UID participants can submit all relevant documents along with application fee.

Fee

Corporate Houses	Rs. 30,000	+18% GST
Industries & Facilities	Rs. 12500	+18% GST
ENCON Promoters/ Energy Audit Firms	Rs. 5,000	+18% GST
Individuals	Rs. 2,000*	+18% GST

* 50% special discount in individual category for SEEM members

Application will be considered as complete only when the application form along with mandatory enclosures and fee are received at National award secretariat



Ms. Saranya Mohan

Coordinator - SNEMA 2020

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Society of Energy Engineers and Managers
National Award Secretariat - SNEMA 2020
Dr. Azad, General Secretary
Plot No. 674, Block - I, Near Gaur Shopping Square, Govind Puram, Ghaziabad 201013
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How to Apply

Mode of Payment

- Online payment through our website
🔗 <https://rzp.io/l/seem-payment>
- NEFT / RTGS Transfer to

Acc. Name : Society of Energy Engineers and Managers

Bank Name : State Bank of India

Branch Name : Kannammoola

A/c No. : 37048528759

IFSC Code. : SBIN0008293

Branch Code : 8293

Processing of Applications

- Processing of the applications will be start Soon
- Applications will be reviewed by a jury comprised of eminent experts in the Indian Energy Sector.
- Clarifications / Validations by the jury could be part of the review process.

All queries can mailed to :

✉ awards@seemindia.org

addressing Mr. Jayakumar Nair (Chairman - SNEMA & Vice president-SEEM - SEEM)



SNEMA Highlights
<https://youtu.be/rcxKpwgjiyw>



NEWS

SPONSORSHIP DOSSIER

SEEM NATIONAL ENERGY MANAGEMENT AWARDS 2020

Society of Energy Engineers and Managers (SEEM) is a national network of energy professionals in India, established in 2005 as a not-for-profit society to support and inspire the cause of energy efficiency in various sectors. SEEM network is spread across 22 Indian states with 15 chapters and 7 units, and more than 800 members. Since its inception, SEEM has been carrying forward its objective through international, national and state level programs, publications including exclusive technical magazine "energy manager", monthly e-newsletter "SEEM News", and other initiatives.

SEEM proposes to organize its 6th edition of SEEM National Energy Management Awards 2020 Ceremony in New Delhi during September 2020

The award ceremony will be attended by about **500-600 energy auditors and managers** from across the country, representatives from large/small industries and government agencies like SDAs, DCs and other working energy professionals from various industries.

This event is being held as part of the efforts to encourage and motivate Certified Energy Auditors, Certified Energy Managers, Energy audit firms, Industries and facilities who have made remarkable initiatives to promote energy conservation in Indian organizations during the year 2019 - 2020

SEEM India is organizing a training cum exposition program in tandem with the National Energy Management Awards Ceremony to familiarize genuine service/equipment system providers to an interested group of energy industry professionals. It is a felt need assessed by energy auditing fraternity that many genuine energy saving equipments, services and measurement devices and monitoring systems still remain unexposed to a large sections of energy professionals who still grope in dark or play into hands of black sheep.

We will be giving opportunity to 15-20 selected Energy Efficient Equipment /Energy Monitoring Equipment/ Energy Service provider during this function to present their product after an initial scrutiny of experts. Those who are willing to undergo this process of endorsement will be given an opportunity to show case their product through various Forums of SEEM (Such as Print Magazine, Web, Monthly news letter etc.) other than the venue where presence of more than 300 experts are assured, at a very reasonable cost.

SNEMA Highlights

<https://youtu.be/rcxKpwgjiyw>

We request you to be a part of the SEEM National Energy Management Award function by availing various sponsorship options as per the details given in the website and register.

We are keen to work out best option for your organisation, once we receive your preference at the earliest as to how you would like to exploit this opportunity. For leveraging branding, sponsorship and exhibition opportunities, write to awards@seemindia.org or call at 9446067607 / 0471-2557607.

For more details and register for sponsorship please click the link

<http://seemindia.org/sponsorship/>





SEEM Individual Memberships Fee & Benefits

Sl.No	Membership Category	Membership Fee	Annual Fee	Total Amount (Including tax)
1.	Annual Membership / Annual Associate Membership	Rs. 2500	Rs. 500	Rs. 3540
2.	Annual Fellowship	Rs. 3000	Rs. 1000	Rs. 4720
3.	Life Membership	Rs. 6750	Not Applicable	Rs. 7965
4.	Life Fellowship	Rs. 12,000	Not Applicable	Rs. 14160
5.	Student Membership	Rs. 500	Rs. 500	Rs. 1180

Who can join SEEM?

- BEE Certified Energy Auditor
- BEE Certified Energy Manager
- Engineers working in energy related field holding a position of high responsibility with minimum 20 years experience
- Any Degree/ Diploma holders working in the field of Energy Efficiency/ Energy Conservation/ Renewable Energy for the last two years
- Engineering students and students who would like to do research or undertake projects in the energy sector

Benefits to Members

- Opportunities to get your case studies published in SEEM print magazine "Energy Manager"
- Opportunities to publicize your efficiency initiatives in the monthly e-newsletter SEEM News
- Speaking / Presentation opportunities at various forums
- Opportunities to constructively participate in various discussions in the energy sector
- Opportunities to become a SEEM Trainer / Expert Faculty
- Opportunities to become a SEEM Mentor for Student Chapters
- Leadership and participation opportunities in various SEEM programmes
- Networking opportunities with many energy professionals from across the country
- Knowledge enhancement platform in the energy sector
- Right to cast vote at the SEEM Annual General body Meeting
- All communications, which includes: notices about meetings, invitation to events, announcements about the SEEM activities.
- Priority to participate in funded projects carried out by SEEM in the energy sector, on the terms and conditions appropriate to such projects
- Support for addressing relevant grievances

- An opportunity for cross-fertilization of ideas with access to lessons learnt by others

Discounts available to SEEM Members:

- Upto 50% discount on registration fee for seminars / workshops and other training events conducted by SEEM.
- Opportunity to attend workshops and trainings by third parties at special rates offered to SEEM Members
- A discount of 50% on priced publications brought out by SEEM
- Upto 50% discount on applications to SEEM National Energy Management Awards every year
- Discounts on any other programmes/ products or services offered by SEEM

Your membership kit includes:

- SEEM membership ID card
- SEEM Membership Certificate
- Subscription to SEEM print magazine Energy Manager
- Subscription to monthly e-newsletter SEEM News

Membership Categories & Eligibility

Category	Eligibility
Member	Energy Manager / Energy Auditor certified by Bureau of Energy Efficiency
Associate Member	Any diploma / degree holder who is working in the field of energy efficiency/conservation/ renewables for the last two years.
Fellow	Engineers working in energy related field holding a 'position of high responsibility' with minimum 20 years experience and who have been certified as Energy Managers or Energy Auditors by the Bureau of Energy Efficiency, Ministry of Power.
Honorary Fellow	Persons who are qualified to be Fellows invited to join SEEM as Honorary Fellows, subject to the approval of the Executive Council.
Student Member	Engineering students or students who would like to do research or undertake projects/studies in energy related fields.



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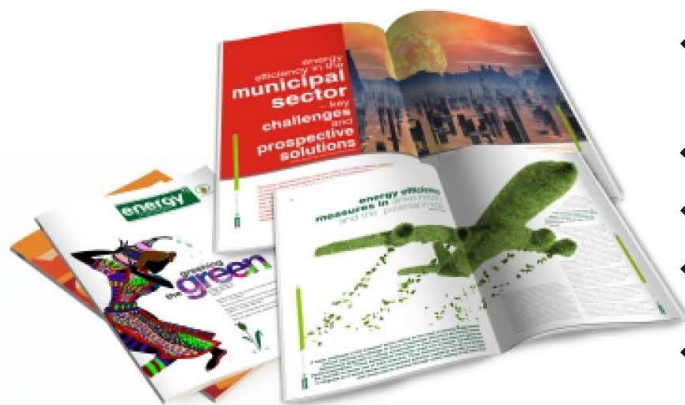
Forthcoming issue:

**“Energy Efficiency –Key
to post Covid recovery
of MSME’s”**

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- ♦ energy^η manager is the only magazine in India that exclusively focuses on energy efficiency
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- ♦ Cover feature in each issue focus on one most appropriate contemporary topic on energy efficiency
- ♦ Guest editorial by renowned domain experts
- ♦ Articles contributed by leading personalities in the energy sector
- ♦ Published since January 2008 and circulated in print to more than 5000 readers
- ♦ Brought out by Energy Press, the publishing wing of the Society of Energy Engineers and Managers (SEEM), India

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- ♦ Energy Intensive Industries (DCs)
- ♦ Engineering & Technical Institutions
- ♦ International Organizations
- ♦ Political & Executive decision makers
- ♦ Policy Bodies, NGOs

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- ♦ Energy management
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- ♦ Case Studies
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- ♦ Sustainable Living
- ♦ Global focus
- ♦ Focus India
- ♦ Events, and others

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