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seem NEWS

FEBRUARY 2026

society of
energy engineers
and managers



Message from President

Dear Sustainability enthusiasts,

As the world confronts the realities of climate change, resource depletion, and social inequity, sustainability has evolved from a peripheral concern to a central pillar of corporate strategy. No longer confined to CSR departments or annual reports, sustainability today defines how businesses operate, innovate, and grow. For Indian industry, this shift is both a challenge and an opportunity. It demands a reimagining of value creation—one that balances *profit with purpose, efficiency with empathy, and growth with resilience*. At SEEM, we believe that mainstreaming sustainability is not just a strategic imperative—it is a moral responsibility and a national necessity.

The journey begins with effective leadership. When sustainability is embedded at the boardroom level, it cascades through every layer of the organization. Companies that integrate environmental, social, and governance (ESG) principles into their core strategy outperform their peers—not just in reputation, but in long-term profitability and risk management. From energy audits to carbon accounting, from circular supply chains to inclusive hiring practices, sustainability must be woven into the fabric of decision-making. This requires more than compliance—it calls for conviction. It is time for Indian corporates to move beyond tokenism and embrace sustainability as a driver of innovation, competitiveness, and stakeholder trust.

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Message from President

Recent global developments reinforce this urgency. The introduction of ISO 3941:2026, which classifies lithium-ion battery fires under the new Class L category, is a powerful example of how sustainability intersects with safety, technology, and regulation. As EV adoption accelerates across India, businesses must adapt their fire safety protocols, update risk assessments, and invest in Class L extinguishers and electrical safety audits. This is not just about protecting assets—it is about safeguarding lives and building public confidence in sustainable technologies. At SEEM, we have witnessed firsthand how proactive safety measures can transform industrial culture. Our audits, training programs, and stakeholder engagements are designed to empower organizations to lead with responsibility and resilience.

Looking ahead, the role of SEEM becomes even more vital. We must mentor young engineers to become sustainability ambassadors. And we must continue to innovate—whether through digital platforms, forensic investigations, or public outreach. Mainstreaming sustainability is not a destination; it is a continuous journey. Let us walk it together, with courage, clarity, and commitment.

Jayakumar R Nair
National President SEEM





View Point

Sustainable Infrastructure Development: A National Priority

As nations navigate the complexities of economic growth, climate change, and social equity, sustainable infrastructure development has emerged not as a choice—but as a national imperative. The future of any country depends on how effectively it builds today without compromising tomorrow. Infrastructure is the backbone of progress. Roads, railways, ports, energy systems, water networks, digital connectivity, and urban housing shape economic productivity and quality of life. However, traditional models of development—often resource-intensive and carbon-heavy—have contributed significantly to environmental degradation. According to global climate frameworks such as the United Nations' Intergovernmental Panel on Climate Change, infrastructure-related activities account for a major share of greenhouse gas emissions. This reality demands a transformative approach.

Sustainable infrastructure is not a financial burden; it is an investment multiplier. Green transport systems, renewable energy projects, resilient urban planning, and smart water management generate employment, reduce long-term operational costs, and enhance competitiveness. Countries aligning their development strategies with the World Bank's sustainability frameworks are already witnessing stronger investor confidence and improved resilience against global shocks. Moreover, infrastructure built with sustainability principles is more durable. Climate-resilient roads, flood-resistant bridges, energy-efficient buildings, and decentralized renewable grids reduce maintenance costs and disaster-related losses. In a time of increasingly frequent climate events, resilience is economic wisdom.

The environmental case is even more compelling. Sustainable infrastructure minimizes carbon emissions, protects biodiversity, conserves water resources, and promotes circular economy practices. Transitioning from fossil-fuel dependence to solar, wind, and hydropower systems aligns with global commitments under agreements such as the Paris Agreement. Nations that integrate sustainability into infrastructure planning are better positioned to meet climate targets while safeguarding natural ecosystems. Urban areas, in particular, must adopt greener models—expanding public transportation, increasing green cover, and promoting energy-efficient construction. Smart cities are not merely digital; they are environmentally conscious and socially inclusive.

Infrastructure development must serve people equitably. Sustainable models prioritize access—clean drinking water, reliable electricity, safe housing, healthcare connectivity, and digital inclusion. Rural infrastructure, especially, plays a transformative role in reducing regional disparities. Inclusive infrastructure ensures that development does not marginalize vulnerable populations. Accessibility for persons with disabilities, gender-sensitive urban planning, and community participation are integral to sustainable progress.



View Point

To assessments, and performance-based monitoring must become standard practice. Public-private partnerships can accelerate green investment, while innovation in materials and construction techniques can significantly reduce environmental footprints. Technology will be a key enabler. Smart grids, IoT-based monitoring, green hydrogen, electric mobility, and digital infrastructure planning tools can optimize resource use and reduce waste.

Sustainable infrastructure development must move from policy documents to ground reality. Governments, private sector stakeholders, civil society, and citizens share collective responsibility. National budgets should prioritize green capital expenditure, and financial institutions must incentivize sustainability-linked financing.

The question is no longer whether we can afford sustainable infrastructure. The real question is whether we can afford not to invest in it. A nation that builds sustainably builds stability, prosperity, and legacy. Making sustainable infrastructure a national priority is not simply about construction—it is about constructing a future that is resilient, inclusive, and enduring.

Krishnakumar G
General Secretary





PROGRAM

SEEM Karnataka Chapter Organized Webinar on Energy Modelling & Simulation: An Overview

The Society of Energy Engineers and Managers (SEEM), Karnataka Chapter, successfully organized an online webinar on “Energy Modelling & Simulation: An Overview” on 14th February 2026 from 7:30 pm to 8:30 pm IST.

The webinar, which was free and open to all, witnessed active participation from energy professionals, HVAC engineers, sustainability consultants, and students across various regions. The session aimed to provide a comprehensive understanding of the fundamentals and practical applications of energy modelling and simulation in modern building systems.

The technical session was delivered by Mr. Soham Babu, Associate Team Manager and HVAC Engineer, who brings over 20 years of professional experience in HVAC design, energy analysis, and sustainable building systems across commercial, residential, and institutional facilities. He shared valuable insights into building energy performance assessment, simulation tools, optimization techniques, and the role of energy modelling in achieving sustainability goals.

During the interactive session, participants gained clarity on how simulation tools support decision-making in HVAC design, improve building efficiency, and contribute to energy conservation and carbon reduction strategies. The speaker also addressed queries from attendees, making the session highly engaging and informative. The webinar concluded with an invitation to participants to join the growing community of energy and sustainability professionals under SEEM and actively contribute to knowledge-sharing initiatives in the field of energy management and sustainable development.

The Karnataka Chapter expressed its commitment to continuing such knowledge-driven programs to empower professionals and promote best practices in energy efficiency and sustainability.

SOCIETY OF
ENERGY ENGINEERS AND MANAGERS
Karnataka Chapter



Society of Energy Engineers and Managers, Karnataka Chapter
welcomes you to join a webinar on **“Energy Modelling & Simulation: An Overview”**

 **14th February 2026**
Saturday

 **Time 7.30 pm - 8.30 pm IST**

Presenter



Mr. Soham Babu

Mr. Soham Babu is an Associate Team Manager and HVAC Engineer with over 20 years of professional experience in HVAC design, energy analysis, and sustainable building systems across commercial, residential, and institutional facilities.

He holds a Master of Business Administration (MBA) in Marketing from KSOU, Mysore, and a Bachelor of Engineering (B.E.) in Mechanical Engineering from SJCE College, Mysore.

Soham is an ISHRAE member and the current Secretary of the ISHRAE Mysore chapter, an IGBC Accredited Professional, and an IEI (MIE) member, with strong proficiency in AutoCAD, Revit MEP, eQuest, TRACE, DesignBuilder, and COMcheck. His professional focus is on high-performance, energy-efficient, and sustainable HVAC design solutions.

Registration Link <https://forms.gle/dpPkNS4R9TDRQXqm7>

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PROGRAM

Dr. Jayaraman Conferred Dr. C.P. Menon Smaraka Puraskaram

The prestigious Dr. C.P. Menon Smaraka Puraskaram was presented to Dr. Jayaraman, Dr. Sunitha Ganesh, Dr. T. T. Sreekumar, and Hameed in recognition of their notable contributions in their respective fields.

Dr. Jayaraman received the award in the Shastrasahitya (science literature) category for his book Oorjayanam, acclaimed for promoting scientific awareness through accessible and meaningful writing. The award was presented by Dr. Junaid Bushiri, of Cochin University of Science and Technology, in the presence of eminent literary scholar Dr. M. Leelavathi.



A Founder Member of SEEM, Dr. Jayaraman has made significant contributions to academic and professional communities. The ceremony highlighted excellence in literature and scholarship, with attendees applauding the awardees for their dedication and achievements.



Heartiest congratulations to Dr. Jayaraman on this well-deserved honour. Congratulations, Sir!

In loving memories of Mr. Sudheendran M

The Society of Energy Engineers and Managers (SEEM) expresses its deep sorrow on the passing of Mr. Sudheendran M., Life Fellow of the SEEM Kerala Chapter. His demise is a profound loss to the SEEM fraternity and to all who had the privilege of knowing him.

As a Life Fellow, Mr. Sudheendran M. shared a long and meaningful association with SEEM. He strongly believed in the mission of promoting energy efficiency, sustainable practices, and professional excellence. His involvement reflected his commitment to the values and objectives of the Society. He was known for his sincerity, humility, and supportive nature, earning the respect and goodwill of fellow members.

Within the Kerala Chapter, he was regarded as a valued member whose presence added strength to the community. His dedication to professional growth and knowledge sharing contributed to the spirit of collaboration that defines SEEM. Though he may not always have sought the spotlight, his quiet contributions and steadfast support were deeply appreciated.

The news of his passing has saddened the entire SEEM family. We remember him with gratitude and respect, cherishing the association he shared with our Society.

On behalf of SEEM, we extend our heartfelt condolences to his bereaved family and loved ones. May they find strength and comfort during this difficult time. We pray that his noble soul rests in eternal peace.



REPORT

SEEM AWARDS 2024...

SEEM AWARDS

Powering a Sustainable Tomorrow

2024

Honoring Excellence in Energy, Innovation, and Impact

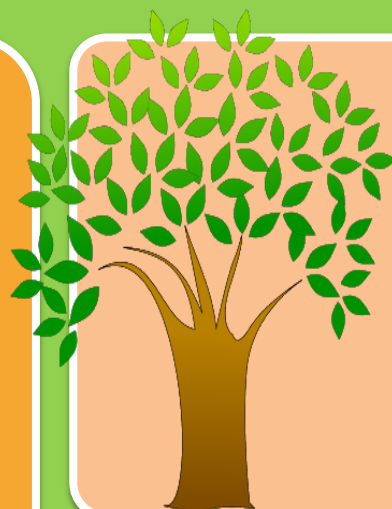
Award video link: https://youtube.com/video/TdhysgFce_E/livestreaming

Venue : The Suryaa New Delhi
Date : 19th and 20th November 2025



Opportunities in SEEM

1. Become SEEM Member
2. Get updated professionally and on sustainability
3. Show case your passionate self as Faculty in SEEM programs
4. Get elected as a leader – State and National Levels
5. Write for SEEM's Energy Manager Magazine. Be on editorial forum
6. For a creative media person, SEEM is the right place
7. If you a PR person for sustainability – SEEM is your hometown!
8. Be an ambassador for the right organisation to win SEEM Awards
9. Be a member of delegation on international exchange programs
10. Work on international programs as a team member, leader
11. Work as Energy Auditor, lend your instruments, resource persons
12. Work for energy surveys, policy studies
13. Work on chapter and membership development
14. Work for student chapters – existing and create new ones
15. Create new state and international chapters
16. Collaborate with SEEM for professional programs, studies



Click here to Join SEEM

Become a part of the SEEM tree which is growing to make the earth green....



"Energy manager" magazine



SEEM is for...

SEEM's aim is to provide a clean and green earth by integrating energy efficiency and conservation of natural resources into activities

- Foster energy efficiency in all sectors of the economy
- Immense & distinctive initiatives
- Students to establish & flourish their skills in the Energy sector
- Create opportunities for industry professionals, consultants, entrepreneurs, experts
- To create skill development opportunities to members
- Organizing training programs, workshops

Present Network of SEEM



- More than 2567 energy industry professionals
- A network with International / national



2567 Energy
Professionals



National Presence
22 states



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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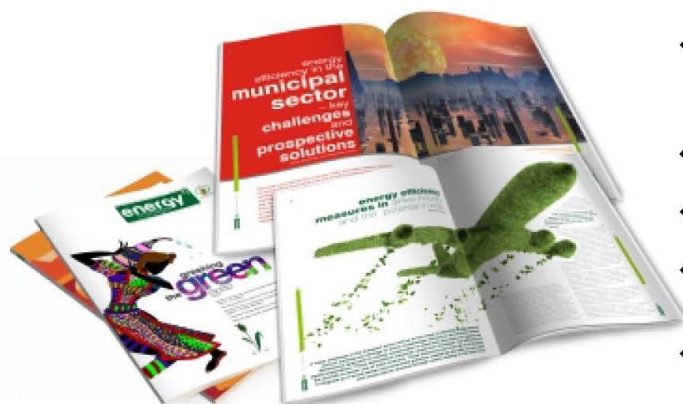
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3 years	12	2500	115	4000	180



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- ♦ energy^η manager is the only magazine in India that exclusively focuses on energy efficiency
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- ♦ 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

Readership Profile

- ♦ Accredited ESCOs & Energy Consultants
- ♦ Certified Energy Professionals
- ♦ Consultants, Planners and Architects
- ♦ Distributors and Marketing Agencies
- ♦ EE & RE Equipment Manufacturers
- ♦ Energy Intensive Industries (DCs)
- ♦ Engineering & Technical Institutions
- ♦ International Organizations
- ♦ Political & Executive decision makers
- ♦ Policy Bodies, NGOs

Editorial Profile

- ♦ Energy management
- ♦ Energy audit
- ♦ Energy financing
- ♦ Research and Innovation
- ♦ Best practices
- ♦ Case Studies
- ♦ Renewable energy
- ♦ Sustainable Living
- ♦ Global focus
- ♦ Focus India
- ♦ Events, and others

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