

“Energy is life. Save it for the present and future generation”



Organised by

**Society of Energy Engineers & Managers (SEEM)**  
**Centre for Innovation in Science & Social Action (CISSA)**

Lead Partner

**Total Energy Security Mission, Government of Kerala**

Partners

**Agency for Non- conventional Energy & Rural Technology (ANERT), Government of Kerala**  
**Energy Management Centre, Government of Kerala**  
**World Institute of Sustainable Energy (WISE), Pune**





## Greetings

We are happy to inform you that Society of Energy Engineers & Managers (SEEM) and Centre for Innovation in Science and Social Action (CISSA) in association with Total Energy Security Mission, Govt. of Kerala, Agency for Non-conventional Energy and Rural Technology (ANERT) - the State Nodal Agency of Ministry of New & Renewable Energy, Energy Management Centre (EMC) - the State Designated Agency of Bureau of Energy Efficiency and World Institute of Sustainable Energy (WISE) Pune, is organising 'URJA 2009' - The National Exhibition on Energy Efficient and Renewable Energy Products and Technologies at Town Hall, Ernakulam, Kochi, Kerala during May 21-25, 2009.

'URJA 2009' – intends to showcase best practices concerning energy efficiency, new technologies, equipments, products and services in the field of Energy Efficiency, Energy Conservation and Renewable Energy Sources. URJA 2008 exhibition organized last year on the same theme received tremendous response from various sections of society and was widely covered by media.

With the introduction of 'Total Energy Security Mission' by the Govt. of Kerala, as the flag ship project in Energy in the 11th Five Year Plan, which focuses on demand side management, energy conservation and promotion of renewable energy sources and to be implemented in about 400 Grama Panchayats in the State, Kerala has emerged as a highly potential market for Equipment and Services in the field of energy saving, energy efficiency and renewable energy.

We are most delighted to invite you to participate in 'URJA2009' and showcase your products and services among energy stakeholders from the region. This will also be an excellent platform to give exposure to the efforts you have taken and concern you have shown towards the hot topics of better environment protection, energy security and economic development.

G.M. Pillai IAS  
Chairman, URJA 2009, wiseinfo@wisein.org

## Theme areas

### New & Renewable energy

- ▶ Solar energy
- ▶ Wind energy
- ▶ Bioenergy (Biogas, Gasifiers etc.)
- ▶ Small hydro power
- ▶ Wave energy
- ▶ Geothermal
- ▶ Hydrogen fuel
- ▶ Fuel cell

### Energy conservation

- ▶ Energy Efficient Appliances
- ▶ Energy Efficient Lighting
- ▶ Energy Efficient Motors & Drives
- ▶ Boilers, Furnace & Kilns
- ▶ Heating, Ventilation & Air Conditioning (HVAC)
- ▶ Fluid handling Devices
- ▶ Insulating Systems
- ▶ Waste Heat Recovery Systems
- ▶ Demand side Management
- ▶ Fuel Additives

### IT based Systems

- ▶ Building Energy Management
- ▶ SCADA for Energy monitoring and targeting
- ▶ Industrial controls and monitors
- ▶ Energy metering systems

### Energy Storage

- ▶ Thermal storage
- ▶ Batteries
- ▶ Fuel Cells
- ▶ Pumped storage
- ▶ Flywheel

### Alternative Fuels

- ▶ Natural Gas
- ▶ Hydrogen
- ▶ Biofuels
- ▶ Energy Plantation

### Power Generation & Distribution

- ▶ Combined Cycle Power Generation
- ▶ Cogeneration
- ▶ Distributed Power (hybrid) Systems
- ▶ Power quality





**As an Exhibitor you will be given the opportunity to:**

- Introduce latest technical know-how in Energy Efficiency and Renewable Energy Sources
- Present your products & services to thousands of potential buyers
- Get immediate feedback on your product range or service
- Launch new products to the media
- Meet industry leaders and professionals
- Increase brand awareness and enhance your company's image in the industry
- Explore investment business and opportunities
- Locate partners/agents/distributors for your products and services

**PARTICIPANTS**

- Manufacturers of energy efficient / renewable energy products
- Award winning industries show-casing their cleaner production efforts (Pollution Control Award winners), Energy conservation efforts (Encon Award winners) and productivity efforts (Productivity award winners)
- R&D Organizations and Institutions working in the theme areas
- Government Departments of Forest, Non-conventional energy, Transport, Housing, Agriculture, Khadi and Village Industries, Rural Industries, Tourism, Water resources, Natural resources, Urban development etc., show-casing their efforts in the theme areas
- NGOs working in areas like energy conservation eco-friendly alternatives, environmental protection, sustainable development and related fields
- Publishers and marketers of books on energy efficiency & renewable energy sources



### PARTICIPATION CHARGES

Stalls	Size	Rate (Rs.)
Single Stall	3m x 3m	30,000
Mini Pavilion	3 Stalls	75,000
Pavilion	5 Stalls	1,25,000
Mega Pavilion	9 Stalls	2,00,000
Open air space	3m x3m	10,000
Catalogue Show**		5,000

\*\* Display of the company profiles and product catalogues.  
Kindly note that, the display materials once provided will not be returned.

### Terms and Conditions

50% advance payment with booking, balance amount to be paid before 10th May 2009.

Stalls once booked will not be cancelled.

Each Stall will be provided with one table, two chairs, one tube light, one single phase power point (5A/230V AC)

Extra facilities like additional power point, chairs, tables etc. will be provided at reasonable extra cost.

Visitors will be allowed from 10 am to 8 pm from 21 to 25 May 2009

### Mode of Payment

Please forward a Demand Draft in favour of CISSA, payable at Thiruvananthapuram along with duly filled-in registration form to:

The Convenor (URJA 2009),  
Centre for Innovation in Science and Social Action (CISSA),  
MBC 27, Museum Bains Compound, Nanthancode, Kowdiar,  
Thiruvananthapuram-695003.  
Tel. 0471 2722151, Mob: 9447388555  
e-mail: urjaexpo@gmail.com

For more Details, Please log on to [www.cissa.co.in](http://www.cissa.co.in)



## ORGANISING COMMITTEE

### PATRONS

Sri. A.K. Balan, Hon'ble Minister for Electricity, Govt of Kerala  
Sri. Elamaram Kareem, Hon'ble Minister for Industries, Govt of Kerala  
Sri. Paloli Mohammed Kutty, Hon'ble Minister for Local Self Government & Rural Development, Govt of Kerala  
Prof. Mercy Williams, Worshipful Mayor of Kochi

### ADVISORS

Sri. C.P. Narayanan, Member, State Planning Board  
Sri. P.V. Unnikrishnan, Member, State Planning Board  
Sri. L. Radhakrishnan IAS, Principal Secretary, Power and Ports, Govt.of Kerala  
Sri. K.M. Dhaharan Unnithan, Director, EMC & Director, (i/c) ANERT  
Sri. Sivakumar.G, Director, Kerala State Productivity Council  
Dr.Brahmanand Mohanty, Regional Advisor ADEME  
Sri. Binu Parthan, Deputy Director, REEEP, Vienna

### Chairman

Sri. G M Pillai IAS, Director General, WISE, Pune

### Vice-Chairs

Sri. C Jayaraman, General Secretary, SEEM & Member, Executive Committee, ANERT  
Dr.G.G.Gangadharan, President, CISSA & Jt.Director, FRLHT, Bangalore

### Convenor

Er. V.R. Sabu, Senior Faculty, SCT College of Engineering, Thiruvananthapuram

### Co-ordinators

Dr.C.Suresh Kumar, General Secretary, CISSA  
Er. R.Hari Kumar, Project Director, ANERT

### Treasurer

Dr.S.Sunil Kumar, Finance Secretary, CISSA



Reception	Sri.Rajan Menon, President, Kerala Electrical Contractors Association & Vice President, Energy Press
Infrastructure	Sri. G. Krishnakumar, Treasurer, SEEM.
Programme	Sri.K. Madhusoodhanan, Editor, SEEM Magazine
Press	Sri.K.S. Sumesh, Business Standard, Kochi
Publicity	Sri.Vidya Kumar.P.V
Souvenir	Sri.Ramanatha Menon, Energy Press
Public Relations	Sri. Smrithy Raj , CISSA
Task Force	Sri. K.L. Abhilash, CISSA
Office	Sri.R.Ramachandran Nair, CISSA
Members	Sri.A.M.Narayanan, Head-Energy Efficiency Division,EMC Dr. Vivek Sankar,FRLHT, Bangalore Dr. P.N. Joshi, Head of Division, Engineering, CIFT, Kochi Sri.R.Sudhir Kumar,Central Power Research Institute Sri.Mathew Samuel, Hindustan Organic Chemicals Ltd Sri.Manoj.P.L,BPCL, Kochi Refineries Limited Sri.Vijayakumaran, MILMA Dr.Sreekumar, CUSAT, Kochi Sri.A.P. Jose,Dy,Director KSPC Prof.(Dr.) K.K Sasi , Co-ordinator , SEEM , Tamil Nadu Chapter Sri. K K. George, Chairman, SEEM, Kerala Chapter Sri. U. Prakash, Sr. Faculty, SCT College of Engineering, Thiruvananthapuram Sri.M.V Hareesh, Lotus India Assets Management Company. Dr. K G Ajith Kumar, M.G.,College, Thiruvananthapuram Dr.A.Biju Kumar, University of Kerala Dr.N.S.Pradeep, TBGRI, Thiruvananthapuram Sri. A. Pradeep, Lecturer, SCT College of Engineering

## About The Organisers

SEEM, Society of Energy Engineers and Managers is the professional body of Certified Energy Managers and Certified Energy Auditors. Our Mission is to apply our professional knowledge and expertise to make better world and safeguard ecological balance and sustainable development through fostering energy efficiency, facilitating policy level interventions, conducting multi-disciplinary and multi-dimensional research relating to energy efficiency.

President  
Dalip Singh  
Mobile: 09350846853

Vice President  
R. Hari Kumar  
Mobile: 9447160027

General Secretary  
C. Jayaraman  
Mobile: 9447602966

CISSA is an assemblage of like minded scientists and citizens committed to find and implement solutions to some of the most challenging environmental and developmental issues of our time and to the society. We recognize the value of Indian traditional wisdom and spirituality in solving the problems of the modern world. Our member scientists and engineers collaborate with colleagues across the country to conduct technical studies on science and technology issues with cross-disciplinary and trans cultural approach and provide a balance of all factors. We share the results of our studies with policymakers, the news media and the public. Knowing the enormity of the challenge, we actively work in coalition with other groups that share our goals.

President  
Dr. G.G. Gangadharan  
Mobile: 09448278900

General Secretary  
Dr. C. Suresh Kumar  
Mobile: 9447205913



**Society of  
Energy Engineers  
and Managers**



SEEM Bhavan, KRA-A 79, Kannammoola  
Thiruvananthapuram 695 011, Kerala, India  
Tel - +91 471 3242323, Fax: 0471-2557607  
seemk@vsnl.net / www.energyprofessional.in



MBC 27, Museum Bains Compound  
Nanthancode, Kowdiar P.O  
Thiruvananthapuram-695 003, Telefax: 0471 2722151  
cissaindia@gmail.com / www.cissa.co.in