



**Ministry of Power and Energy**

# **International Symposium on Energy Challenges in the Knowledge Economy**

## ***Towards an Energy-empowered Nation***

The Ministry of Power and Energy, having adopted a policy framework for planning the development of the energy sector of Sri Lanka recently, now envisages organizing the scientific knowledge base for plan implementation. An international Symposium will provide the forum for local and invited foreign experts in the field to discuss, debate and share futuristic knowledge relevant to the challenges that the nation is facing in the evolving economy. The strategic plan expects energy for all in affordable manner with minimum dependence on external sources by 2025.

### ***Mega Shifts***

The paradigm of steady supply of energy is being replaced by a new paradigm which recognizes two fundamentally new energy transformations: replacing oil with electricity in transportation, and replacing high carbon, finite-supply coal and natural gas with renewable wind, solar, marine and biomass energies for electricity production. At the same time, this transformation in the productive sector is reflected in the corporate effort to adopt sustainable energy and environmental practices through newer systems of production, organizational processes and approaches to community. This symposium is about current state of the art in the economy of Sri Lanka and examine the energy futures for an evolving knowledge economy.

### ***Objectives***

The objective of the Symposium is to facilitate a rich exchange of knowledge among energy policy makers, researchers, academia, and industry, who seek solutions to problems of energy economy, sustainability of sources, and effectiveness in energy use in the new economy. This would enable the Ministry formulate programs and projects on the basis of evidence collected systematically for the effective implementation of its current development plan.

### ***Dates and Venue***

The Symposium will be held on June 26-27 (Friday and Saturday) at the Colombo Hilton. The

inaugural session will be from 4.00pm to 8.30pm on Friday, and the technical sessions will be on Saturday from 8.30am to 5.00pm.

## **Inaugural Session**

### ***Keynote Speaker***



**Dr. Abdul Kalam**  
*Former President of India*

### ***Technical Sessions***

Keynote Address at the technical sessions will be delivered by  
**Professor Saravanan Muthaiyah,**  
Professor of Information Technology of Multimedia University Malaysia.

### **Participants**

Participants will include scientists, academics, engineers, professionals and policy makers in both government and private sector organizations. Those who wish to participate may send their bio data to [energysymposiumlk@gmail.com](mailto:energysymposiumlk@gmail.com) and obtain registration.

**FINAL CALL FOR PAPERS**

**June 22, 2015**

Technical papers for the Symposium will be received by the Technical Committee until **June 22, 2015**. Researchers who have already undertaken their research work/studies/conceptual work are encouraged to submit their work. Full papers, approximately 6-8 pages or extended summaries (2 pages) are acceptable.

Submit papers to [energysymposiumlk@gmail.com](mailto:energysymposiumlk@gmail.com)

**Symposium Subject:**  
*Energy Challenges in the Knowledge Economy*

**Session Topics:**

- a. Energy Policy and Knowledge Economy
- b. Energy Trends
- c. Energy Markets
- d. Energy Demand Management
- e. Energy and Transportation
- f. Renewable Energy
- g. Energy, Research and Development
- h. Innovations in Energy Technology
- i. Energy, Business, and Sustainability
- j. Energy, Management, and Society

**TECHNICAL COMMITTEE**

Prof. Gunapala Nanayakkara – Director-General, NIE, *Chair*

Dr. B.M.S. Batagoda, Secretary, Ministry of Power and Energy

Prof. Leelaratne Rajapakse, Dean, Faculty of Engineering, Peradeniya

Prof. W. L. Sumathipala, Emeritus Professor of Physics

Dr. S. Sugathapala, Senior faculty, University of Moratuwa

Dr. H. M. Wijekoon, Chief Engineer, CEB

**PAPER SUBMISSION GUIDELINES**

1. Papers must address the issues of the general theme of the Symposium and, wherever possible, those of a sub topic listed above.

2. Ideally, papers must have: (a) an abstract (about 150 words), (b) an introduction, and a conclusion/summary, (c) analysis of information, (d) tables of data/graphs/formulae etc. in the main text presented clearly and professionally, and (e) references where required in APA Style (American Psychological Association)
3. Length of paper must be 6-8 pages (plus, appendices, if any).
4. Papers must be presented in A4 paper, typed (1.5 spacing), Times New Roman (point 12), hard copy and a soft copy . Soft copy must be emailed to:  
[energysymposiumlk@gmail.com](mailto:energysymposiumlk@gmail.com) or [director@gsmedu.com](mailto:director@gsmedu.com)
5. Paper authors must state and sign a statement to the effect that the document is owned by the author(s) and the paper has not been published in its current form in others sources. This statement must be attached to the paper.
6. The deadline for paper submission is June 22, 2015, latest. Late submissions will not be processed.
7. High quality papers will be selected for publication in Symposium Proceedings.
8. An honorarium will be paid to paper writers.
9. Further information can be obtained from Prof. Gunapala Nanayakkara ([director@gsmedu.com](mailto:director@gsmedu.com); Mob: 0773479900)