

## NCGET



**Prof. Nagesh R. Iyer, the Chief Guest, lighting the Kuthuvilakku during the inauguration of National Conference on “Green Energy Technologies – Energy Management Instrumentation (NCGET’17)”**  
**Shri R.K. Mohan Rao, Retd. Deputy Director, Chief Scientist & Scientist-in-charge, Shri Kota Srinivas, Deputy Director, Chief Scientist, Shri.G.S.Ayyappan, Senior Scientist, CSIR-CSIO, Chennai unit, Dr.C.C.Christopher, the Principal, Dr. N. Jaisankar, Head of the Department of Electronics and Communication Engineering, Misrimal Navajee Munoth Jain Engineering College**  
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The Department of Electronics and Communication Engineering of Misrimal Navajee Munoth Jain Engineering College organised a National conference on **“Green Energy Technologies – Energy Management Instrumentation (NCGET’17)”** on 28<sup>th</sup> and 29<sup>th</sup> April 2017 at the college campus.



**Prof. Nagesh R. Iyer, the Chief Guest, releasing the proceedings during the inauguration of National Conference on “Green Energy Technologies – Energy Management Instrumentation (NCGET’17)”**  
**Shri.R.K. Mohan Rao, Retd. Deputy Director, Chief Scientist & Scientist-in-charge Shri Kota Srinivas, Deputy Director, Chief Scientist, Shri.G.S.Ayyappan, Senior Scientist, CSIR-CSIO, Chennai unit, Dr.C.C.Christopher, the Principal, Dr. N. Jaisankar, Head of the Department of Electronics and Communication Engineering, Misrimal Navajee Munoth Jain Engineering College**  
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**Shri G.S.Ayyappan**, Senior Scientist, CSIR-CSIO, Chennai unit, introduced the Chief Guest, **Prof. NageshR.Iyer**, Distinguished Emeritus Professor, Academy of Scientific & Innovative Research (AcSIR), Former Director SERC Chennai . The Chief Guest inaugurated the Conference by lighting the Kuthuvilakku and released the Proceedings.

In his address, **Prof. NageshR.Iyer**, discussed about the Energy Conservation and Management with reference to Indian scenario. He emphasized that how Energy acts as a key parameter in the Economic development of a country and enumerated the strategies that can be used to meet the future challenges in Energy management. **Mrs.S.Mohanalakshmi**, Associate professor , ECE Department proposed the Vote of Thanks. \

**PRESS REPORT**



**Prof. Nagesh R. Iyer, the Chief Guest, inaugurating the Poster session of National Conference on “Green Energy Technologies – Energy Management Instrumentation (NCGET’17)”**  
**Shri R.K. Mohan Rao, Retd. Deputy Director, Chief Scientist & Scientist-in-charge Shri Kota Srinivas, Deputy Director, Chief Scientist, Shri G.S.Ayyappan, Senior Scientist, CSIR-CSIO, Chennai unit, Dr.C.C.Christopher, the Principal, Dr. N. Jaisankar, Head of the Department of Electronics and Communication Engineering, Misrimal Navajee Munoth Jain Engineering College**  
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The Chief Guest, **Prof. Nagesh R. Iyer**, inaugurated the Poster Presentation of the Conference by Ribbon Cutting where twenty five Posters were displayed. A Video about the Conference NCGET’17, Misrimal Navajee Munoth Jain Engineering College and CSIR-CSIO, Chennai unit were displayed.

In his special address on “Energy Efficiency- A Smarter way to reduce Global warming”, **Shri G.S.Ayyappan**, discussed about the various impacts of potential climate change indicators and the efficient methods to conserve Domestic and Industrial energy. It was followed by a visit to Poster sessions by Conference participants.

The first session of Oral Paper presentation titled “Industrial Energy Management and Instrumentation” was Chaired by **Shri.G.S.Ayyappan**, Co-chaired by **Shri. L. Ramesh** , CEO, Beta Technologies (I) Private Limited, Coimbatore and Co-ordinated by **Dr.N.Jaisankar**. **Shri.G.S.Ayyappan** gave a

invited talk on “**Energy & Efficiency Monitoring Systems - Pumps & Motors**” where the Web Enabled and Networked Induction Motor Efficiency Monitoring System [IMEMS] was discussed which determines the operating efficiency of motors without removing the motors from the field and without the need for measuring the output power or torque. He also showed a low cost Pump Efficiency Monitoring System (PEMS) based on thermodynamic principle using the state of the art instrumentation which was developed by CSIR- CSIO Chennai Centre. It was followed by a special talk on “**Energy Metering to Management System**” by **Shri. L. Ramesh** who highlighted the Energy based Business opportunity in India. During this session, Eight papers were presented by the Participants.

The second session of Oral Paper presentation titled “**Renewable Energy, Smart Grid and Smart City**” was Chaired by **Prof. Kota Srinivas**, Co-chaired by **Shri. Vijay Amrithraj**, Manager, Shine Harvest Energy Solutions and Co-ordinated by **Dr. Sanjay Kumar Suman**, Associate Professor, ECE Department. **Prof. Kota Srinivas** gave a invited talk on “**Smart City – Overview & Recent Trends**”. He stressed the importance of Renewable Energy as we rely more on Fossil fuels and Nuclear power to generate Electricity which may get depleted in the future. He also highlighted that the Smart Grids are essential to manage the flow of renewable energy and they provide a dynamic power generation and supply system that is capable of delivering quality power without compromising energy efficiency which is essential to realize the smart cities. It was followed by a special talk on “**Solar Business in India**” by **Shri. Vijay Amirtharaj** who listed the Schemes, Funding sources, projects, employment opportunities in Solar Industry. During this session, Seven papers were presented by the Participants.

The third session of Oral Paper presentation titled “**Building Energy Management System**” was Chaired by **Prof. ChenthamaraiSelvam**, Sr.Principal Scientist, CSIR-CSIO Chennai unit, Co-chaired by **Shri.A.N. Radhakrishnan**, Consultant, Retd. CSIO Staff, Chennai, Co-ordinated by

**Mrs.D.Mythily**, Associate Professor, ECE Department. **Prof. ChenthamaraiSelvam** gave a invited talk on “**Role of Internet of Things (IoT) towards Intelligent Energy Efficient Building**”, where a comprehensive survey of the enabling technologies, protocols, and architecture for achieving a smarter cities were discussed. During this session, Seven papers were presented by the Participants.

It was followed by the panel discussion between the Experts and the Participants. During the Valedictory function, the best paper awards and the certificates were distributed to the Participants by **Prof. Kota Srinivas, Prof. ChenthamaraiSelvam, Shri.G.S.Ayyappan, Shri.A.N.Radhakrishnan, Dr.C.C.Christopher and Dr. N. Jaisankar.**