



Message from Editor

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Dear readers,

We are presenting the second quarterly issue of India Council Newsletter (ICNL) for the year 2017. This issue of ICNL is of 70 pages comprising of event reports from various Sections, regular columns, articles on current interest topics, useful announcements and web links. We are happy to inform that we had received a positive and encouraging feedback for the first issue of ICNL Jan-Mar 2017. We wish to state that all efforts will be made to come out with informative and interesting issues of ICNL with your continued support..

We are pleased to inform that the current issue of ICNL features various events, such as international conferences, distinguished lectures, YP, WIE activities held in the Bombay, Hyderabad, Kerala, Madras, Pune and UP Sections along with an activity report of PES of IC. We thank the chairs of these Sections and the conveners of the events for sending the reports as per guidelines to facilitate publishing. IC Chair Dr. Sivaji and IC Secretary Dr Preeti have coordinated with the Sections in getting these reports in time and we thank for their support too. For the forthcoming issues, we expect the reports from all the Sections to be sent to the newsletter directly at ieee.icnl@gmail.com as per the guidelines available at <https://goo.gl/DcVPmx> as well as at <https://goo.gl/rh3lsm>

Dr. Sivaji Chakravorti, chair, IC in his message has outlined the various initiatives of IC based on the IC execom deliberations held monthly including the face to face meeting held in Kolkata in Apr 2017. We are sure the year will be vibrant with multi-faceted activities which we expect will have good participation from all our members.

ICNL wishes to thank the authors of the following informative and interesting articles published in this issue.

- Why I love Arduino by Prof. V. Lakshmi Narasimhan, University of Botswana, Botswana. This article explains how Arduino microcontroller helps to learn about controlling electronic and electrical gadgets.
- The article on “Smart City” by Dr M V Chilukuri, Associate Professor, Power Systems and Smart Grid, VIT University, Vellore is an introductory one highlighting the core infrastructure elements for a better quality of life and sustainable environment.
- How e-waste is handled by unauthorized e-waste recyclers in India by Mr. T. Udhayakumar, SRM Univ., et.el is a sequel to the last issue article on e-waste. It features the gaps between authorized e-waste recyclers vs. unauthorized e-waste recyclers and highlights the need for an efficient e-waste management system.
- Reengineering Education and Classroom Learning for 21st Century Innovation Economy In India by Mr. Chhaya Ballav Sahoo, Human Potential Development Science Pvt Ltd is a timely article stressing the need for the Indian graduate students to acquire higher levels of education and training to succeed in today’s and tomorrow’s competitive economy.
- Energy is a driving force for global economy. With the climate change becoming an issue all over the world, renewable energy has become a most important source of clean power with solar and wind playing a major part in the energy generation. The hybrid technology combining solar and wind has many advantages. The article” Solar Wind, Hybrid Renewable Energy Systems” by Mr. Venkat Kumar Tangirala, President- India and South East Asia, WindStream Energy Technologies India Pvt. Ltd., provides an excellent overview of hybrid systems featuring many successful implementations.
- Energy being both scarce and expensive, its accounting, saving and energy productivity measures are important. The article on “Energy Accounting – Importance of Electronics and Computing” by Mr. T Jayaraman, Founder Director, SECO Controls Pvt. Ltd. & EQuad Engineering Services Pvt. Ltd, a seasoned consultant explains energy accounting systems and associated business opportunities.

IT in March – May 2017 by Prof. S. Sadagopan, Director, IIIT Bangalore is a part of our regular column in ICNL and provides a broad overview on various important happenings in the IT and Telecom sectors in India. We are sure that readers will find the information and the related links provided in the column “Information Resources” compiled by the editor Mr. H.R. Mohan, is interesting and informative. The “Announcements” column features valuable inputs to the members and opens door to various opportunities.

The ICNL congratulates Mr. Ramchandra Yadav from Jhansi & Mr. N.Senthilnathan from Perundurai, the two lucky winners (out of 100 plus participants) of the ICNL Readers Quiz-17q1. They will receive the cash award of Rs. 500/- each soon. We are sure the readers will participate in the current ICNL Readers Quiz-17q2.

We re-iterate our wish to make ICNL a source of information to our members. We look forward to activity reports from IEEE OUs, articles and research findings on current interest topics from the academic community, articles sharing the experiences and best practices from professional members. Happy reading of ICNL-17q2.