



Message from Editor

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Dear readers,

We are presenting the fourth and the last quarter issue of India Council Newsletter (ICNL) for the year 2017. This current issue of ICNL in 68 pages features various events, such as international conferences, symposiums, workshops, hub & student congresses, distinguished lectures, activities of Society Chapters, YP, WIE held in the Bangalore, Kerala, Kolkata, Madras and UP Sections. We thank the chairs of these Sections and the conveners of the events for sending the reports as per guidelines and IC Chair Dr. Sivaji and IC Secretary Dr Preeti for their coordination. For the forthcoming issues, we expect the activity reports from all the Sections to be sent to the newsletter email id directly at ieee.icnl@gmail.com as per the guidelines published in the newsletter and also available at <https://goo.gl/DcVPmx>

Dr. Sivaji Chakravorti, Chair, IC in his message has outlined and thanked the organisers for the successful conduct of AISWYC-2017 at IIT Allahabad, IC Awards, INDICON-2017 and MV Chauhan Student Paper Contest 2017. He was also happy in announcing the prestigious award program named “Late Shri Pralhad P Chhabria Award” presented by Hope Foundation and Research Centre in association with IEEE India Council and Women in Engineering Affinity Group, IEEE Pune Section – for which the call for nomination has been published elsewhere in this issue.

ICNL congratulates the winners of the Annual IC Awards, the MV Chauhan Student Paper Contest 2017, prestigious MGA Awards -- Mr. Ramakrishna Kappagantu for 2107 MGA Larry K. Wilson Transnational Award, Mr. Puneet Kumar Mishra for 2017 MGA Achievement Award and Mr. H.R. Mohan for 2017 MGA Leadership Award.

ICNL thanks the authors of the following informative and interesting articles published in this issue.

The article “A Perspective on Artificial Intelligence and Machine Learning” by Mr. Rajeev Mullakara is a trendy one and tries to provide an overview of AI, ML & DL

The case study on “Software Defined Radio” by Dr. S. Jayakumar highlights the emerging market for SDR in India through Navy and Airforce, traces the history of SDR in India and presents the successful implementation of the SDR project in India

The article on “Telecommunication Technology Vs E-Waste Generation Reports Globally” by Mr. T. Udhayakumar, Dr. R. Krishnaraj and Dr. P. Parthasarty deals with how the growth in telecommunications is connected with the increase in e-waste generations globally and highlights the negativities and measures to control them.

Access to information is becoming expensive and in particular the increased subscription costs of scholarly journals have become a major concern to the researchers and professionals. The article “Access for Engineers and Engineering” by Mr. Francis Jayakanth and Mr. Muthu Madhan elaborates on how access barrier to scholarly literature is being reduced by open access to research publications, either through institutional repositories or by publishing in open access journals and provides various resources..

The article by Mr. V. P. Sampath on “C-RAN - Nextgen Access Network” promises a low cost, high reliability, low latency and high bandwidth interconnect network.

Waste is Wealth. To realize this, ICNL plans to publish a series of articles on “Waste Management” by Mr. Alok Kumar, a seasoned expert in this filed. The 1st part of the series appears in this issue.

It is disheartening to read that nearly 80% of the engineers are unemployable. The article “Why are Indian Engineering Graduates Unemployable?” by Mr. G. Senthil Kumar tries to analyze this issue and provide some solutions.

IT in Oct-Dec 2017 by Prof. S. Sadagopan, Director, IIT 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 will be of interest to ICNL readers. Our wish to make ICNL a quality source of information can be realized only with the active support from one and all. We look forward to inputs from IEEE OUs, articles on current interest topics from academic and professional community. Happy reading of ICNL-17q4.