



## Message from Editor

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Dear readers,

We are happy to present the third quarterly issue of India Council Newsletter (ICNL) for the year 2018. This current issue of ICNL in 90 pages has 13 articles (maintaining at the same level of last issue), along with few events reported by some sections and society chapters. We thank the chairs of the sections and the conveners of the events for sending the reports as per guidelines and IC Chair Dr. Sivaji Chakravorti and IC Secretary Dr. Preeti for their coordination. However, it is noted that not all major and special events including the India Council events are reported for publishing in the newsletter in spite of repeated requests. We look forward to a better response to our request for activity reports. Please send them directly to the newsletter email id at [ieee.icnl@gmail.com](mailto:ieee.icnl@gmail.com) as per the guidelines published in the newsletter and also available at <https://goo.gl/DcVPmx>

ICNL thanks the authors who have positively responded to our request and contributed the following informative and interesting articles included in this issue.

- Embracing the Next Billion Users of the Internet by Ms. Pitinan Kooarmornpatana
- INO: A National Mega Science and Engineering Project by Dr. B. Satyanarayana
- Economics of ADITYA – India’s First Solar Ferry by Mr. Sandith Thandasherry
- Algorithmic Music Composition by Dr. Rangarajan Krishnamoorthy
- Commercial Buildings and Energy Conservation Building Code of India by Dr. N. Subramanian
- Robotic Process Automation – Doing It Right first time! By Mr. M. Ramkumar & Mr. Chandrashekar Sadashivaiah
- Kerala Floods - A Model of Rescue and Rehabilitation using Information Technology and Social Media based Crowdsourcing by Sebin Sabu & Nora Elizabeth Joby
- Story of keralarescue.in -- A report by Mr. Muralaeddharan Manningal
- Review of Momo attack in WhatsApp by Mr. S. Manikandan
- International Genetically Engineered Machine (iGEM) Competition -- Language Project by Team iGEM-IIT Madras
- Understanding Waste Management – Part 3 by Mr. Alok Kumar
- Start-ups – Founders Cardinal Rules by Dr. L. S. Subramanian
- Work Practices To Make The Best Of Your Time by Dr. M. Sasikumar

We are happy to have published the following excerpts from books with the permission of the authors & publishers.

- “The Karma of Business” from the book Disrupt and Conquer: How TTK Prestige Became a Billion-Dollar Business
- The second part of the chapter 10 – “Leading Science and Technology: Vision for the Future” dealing with “What India Needs to Do?” from the book Leading Science and Technology: India Next?

As usual, the Chairman message by Dr. Sivaji Chakravorti is concise and comprehensive. The IT in Jul-Sep 2018 by Prof. S. Sadagopan, Director, IIIT Bangalore, the regular column in ICNL provides a broad overview on various important happenings in the IT and Telecom sectors in India during the third quarter of 2018. 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. We wish to add that “Interesting Reads”, a regular blog post published once in 5 days by him may interest our readers. The archives of these blog posts can be accessed at <https://goo.gl/VGXizd>

We have also included briefs on six books -- Disrupt and Conquer: How TTK Prestige Became a Billion-Dollar Business, Software Testing: Effective Methods, Tools and Techniques, Knowledge Driven Development – Bridging Waterfall and Agile Methodologies, Software Wasteland: How the Application-Centric Mindset is Hobbiling our Enterprises, The Forward-Looking Manager in a VUCA World, and Evolving Innovation Ecosystems: A Guide to Open Idea Transformation in the Age of Future Tech.

We request the readers to make note of the announcements on INDICON 2018 at Coimbatore and register early and get benefited. We wish to remind our members to renew the membership for the year 2019 in time and continue to get the benefits without interruptions.

ICNL thanks the various Internet sources and inshorts (<https://www.inshorts.com>) for the information nuggets. ICNL wishes to add that the articles published in this issue are not peer reviewed and are also not checked for plagiarism for which the authors are responsible. Further, the views expressed in these articles are that of the authors and ICNL is not responsible for any consequences of using the information provided in these articles.