

IEEE Madras Section Events

Launch of the book “Digital Circuits & Design, 5e”



IEEE Professional Communication Society, Madras Chapter, IEEE Computer Society, Madras Chapter, Computer Society of India, Chennai Chapter and Oxford University Press, India jointly organized a program on 9th Apr 2018 for the launch of the book “Digital Circuits & Design, 5e”, authored by Dr. S. Salivahanan, Principal, SSN College of Engineering, Chennai and Past Chairman of IEEE Madras Section & Dr. S. Arivazhagan, Principal, Mepco Schlenk Engineering College, Sivakasi. Dr. M. Anandakrishnan, Former Vice-Chancellor, Anna University & Former Chairman, IIT-Kanpur formally

launched the book and offered felicitation and highlighted the need for quality textbooks for use by the student community and the role of experienced faculty in authoring them. Following the book release, a presentation will be made by the authors Dr. S. Salivahanan & Dr. S. Arivazhagan on “Digital Circuits and Design – Inception” tracing the evolution of the subject and the inspiration in bringing out different editions of the book. At the beginning, Mr. H.R. Mohan, chairman, IEEE Professional Communication Society Madras Chapter welcomed the gathering and briefed about the activities of PCS and how it has encouraged authors in the past by organizing the launch programs. Dr. P. Sakthivel, Chair, IEEE Computer Society introduced the Chief Guest Dr. Anandakrishnan. by Ms. Swapna Arulraj, Sr. Project Editor (Higher Ed, Trade & Professional Learning), Oxford University Press, India spoke about the book and introduced the authors. At the end, Dr. Poonkuzhali, Chair, CSI Chennai proposed the vote of thanks. The book launch event was attended by about 125 participants comprising of students, faculty and professions.

National Technology Day with conference on “IoT Application”



IEEE Industry Applications Society Madras Chapter & IEEE Technology and Engineering Management Society Madras Chapter in association with L&T Smart World and Communication celebrated the “National Technology Day” with a Conference” on “IoT Application” on 11th May 2018 at Chennai L&T Construction HQ Campus.

The conference commenced with the inaugural session & lighting of digital lamp by the dignitaries. Mr. R Srinivasan, EVP & Head, Smart World & Communication (SW&C) and Vice Chairman, IEEE IAS Madras Chapter welcomed the delegates and set the context for the conference highlighting the significance of IoT and its impact on Industry and the Nation. He mentioned that the annual IEEE conference is organized by SW&C to celebrate 11th May as National Technology Day to mark India’s technological advancements.

In his keynote address, Mr. S. Rajavel, Sr. VP & Head, Water, Smart World & Communication and Chairman, IEEE-IAS Madras Chapter appraised the gathering, of various IoT initiatives adopted by his division at L&T and quantified the financial benefits in terms of increased efficiency due to savings in time.

Mr. H.R. Mohan, Chairman, IEEE TEMS Madras Chapter delivered a talk on the Digital Transformation which has become an imperative in the context of rapid technological developments, competitive environment for the enterprises and the growing urbanization scenario of the country.

Mr Lokesh Payik, Chief of Business-Digital Enterprise, Robert Bosch Engineering & Business Solutions, in his presentation showcased the benefits of Industry 4.0 - Flexible, Smart and Connected Industry and Manufacturing. The screening of a video demonstrating connected, smart and flexible lean manufacturing shop floor of the future was well appreciated by the audience. The session elaborated on digital supply chain, convertible equipment, shop floor management systems, predictive maintenance and adaptive testing.



Mr. S. Balaji Kasiram, Head-Digital (Technical), L&T Construction, enlightened the audience on IoT interventions L&T's construction business has adopted. A live case study of smarter decision-making, enabled through analytics from IoT devices installed to track performance of Plant and Machinery, equipment and workers, was demonstrated.

Mr. Kiran Kumar, Solution Architect from SW&C, L&T Construction highlighted how IoT is making our cities smarter. The various IoT based solutions like smart parking, solid waste management, public Wi-Fi, weather sensors, smart lighting and intelligent traffic management were explained along with their benefits to enhance the quality of life.

The event management was carried out digitally with free guest Wi-Fi facility, e-gate pass, e-registration desk, online feedback forms etc. As an innovation, digital tree plantation certificates were given as mementos to the speakers and dignitaries. This enables them to track the growth of the bountiful tree planted in their name through their respective certificate nos, It was widely appreciated by the IEEE members and the dignitaries.

The conference ended with the vote of thanks by Mr. N. Gunaseelan, Vice Chairman, IEEE TEMS, Madras Chapter. The conference was well attended by more than 130 delegates comprising of engineering students, academicians, research scholars, scientists, Industry professionals and IoT enthusiasts and was highly appreciated.

INDICON 2018

The 15th IEEE India Council International Conference (INDICON 2018) is being organized by the IEEE Madras Section during December 15-18, 2018, at Amrita Vishwa Vidyapeetham, Coimbatore, with technical support from the Indian Institute of Technology Madras.

With the theme of "Harnessing Technology for Humanity", INDICON 2018 promises to bring Together a tremendous and rich diversity of authors and participants from academia, research institutes, government and industry to share ideas and new perspectives on a wide range of topics in science, engineering and technology. INDICON 2018 will have interesting plenary sessions, thought provoking keynote addresses, knowledge enhancing tutorials, enterprising workshops, stimulating student paper contests, invigorating industry exhibits and stalls and very importantly, paper presentations of highest quality.

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Contacts: Organizing Secretary, Email: info@indicon2018.in Whatsapp: +91-7094929945 (after 1800hrs)