Dear Members,

My greetings to all of you after taking up assignments into the New Year. The new committee of office bearers has taken over and we expect to continue the work left unfinished by the earlier team forward and also take up new initiatives.

One of the initiatives we propose is senior member elevation and fellowship nomination. I request all eligible members to refer our recent mail and also to go through the IEEE web site and proceed with the nomination.

To increase the activity at student branches and to increase the membership, detailed information is provided along with the benefits to student branches from the Section. Moreover, I am confident that the compiled under the column “Information Resources” by H. R. Mohan and published in the eVersion of LINK will be useful to our members.

In order to encourage active participation of Indian students in international programs and competitions, IEEE Oceanic Engineering Society with National Institute of Ocean Technology, Chennai conducts competition for designing of Autonomous Underwater Vehicles (SAVe) and open-house annually. Pl. make use of the opportunity.

I would appreciate regular feedback and valuable comments on the various initiatives, activities, information sharing, events and programs.

Yours voluntarily

M. A. Atmanand

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IEEE MAS LINK is happy to present the 1st print edition for the year 2016. As you are aware the print edition is an abridged version of the IEEE MAS LINK which comes out in electronic form (PDF edition) every month with the complete activity details of Student Branches.

The escalating cost of printing and mailing are the major constraints for us to have only the quarterly print and monthly electronic editions of IEEE MAS LINK. This print edition is based on the electronic editions of Feb 2016 at http://goo.gl/dODtvW and Mar 2016 at http://goo.gl/mq8OY5 You may find the activities of SBs, SCs and AGs are published as a list with reference to the detailed reports in the respective monthly electronic edition of LINK.

Along with the events, attempts have been made to publish important announcements which are current. We request our contributors to follow the guidelines available at http://goo.gl/5MuY0c while sending the matter for publishing.

We are sure that you will enjoy reading this print edition of IEEE MAS LINK. Please provide your valuable feedback for improvement. Send your feedback by email to ieeeemaslink@gmail.com with a copy to the chief editor at hrmohan.ieee@gmail.com

With regards

H.R. Mohan

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Report on IEEE Madras Section Annual Meeting for the year 2015

The IEEE Madras Section Annual Meet for the year 2015 was held on 31st Jan 2016 at the conference hall at the Alumni Centre, College of Engineering, Anna University. About 120 members attended the Annual Meeting.

Dr. N.R. Alamelu, Section Chair, welcomed the gathering and provided an overview and the highlights of the section activities during the year 2015. She thanked all the members and the execom for extending their support for successful conduct of the section activities.

Dr. N. Kumarappan, Secretary, read the minutes of the previous AGM (of 2014) and the same was approved by the members. It was proposed by Dr.S. Elangovan and seconded by Dr. Ranganath Muthu. Then he presented the Secretary's Report for the year 2015, explaining in detail about the section, society, student branches activities, membership status and development etc. The report was approved by the members it was proposed by Mr. Arun and seconded by Dr. Hariharan.

Prof. A. Darwin Jose Raju, Treasurer, presented the Management Accounts (un audited accounts) for the 2015. It was approved by the general body. It was proposed by Dr. Sivakumar and seconded by Dr. G. Udhayakumar. After few queries which were clarified. It was also informed that the audited accounts will be approved after March 31st 2016, during the Annual General Body Meeting.

Mr. H. R. Mohan, Vice Chairman, then announced and presented the cash awards and certificate of appreciation to the best performing student branches; the student branches with largest numbers of members and to the Xtreme programming contest award winners, best performing section societies etc.,
Mr. C. R. Sasi, Chair, Chairman, Nomination Committee presented the report on the Execom slate of the Madras Section for the year 2016 and inducted the new Execom members with Dr. M. A. Atmanand as Chairman. Based on the recommendations of the NC, the General Body approved the co-option of Dr. R. Dhanasekaran as an execom member.

The outgoing and the incoming Execom members & nomination committee members were honoured,

The incoming Chair, Dr. M. A. Atmanand, in his brief address outlined on new initiatives and activities being planned in the year 2016 and requested for the continued support of the members.

The incoming Secretary, Mr. D. Maheswaran, proposed the vote of thanks.

While some photos are published below, the rest which are archived can be viewed at: https://drive.google.com/folderview?id=0B3HJ2knpFzKHTk5jZ2J1WDc0YlE&usp=sharing

More in Page 15 in Link-1602.

KPR Institute of Engineering and Technology, Coimbatore

12th Feb 2016: One-day workshop on “Power Quality & Energy Auditing”.

More in Page 9 in LINK-1603

IEEE Industry Applications Society Madras Chapter

23 - 24 Feb 2016: Two-day national level symposium, MEDUT 2K16 with sponsorship of EMBS Chapter Activities Funding. Mr. Elango Devy, Managing Director at Diabetik Foot Care India Pvt Limited, Chennai briefed about the importance of entrepreneurship and role of an individual in bringing up innovative ideas in the field of Medical Devices.

More in Page 14 in LINK-1603

Mepco Schlenk Engineering College, Sivakasi

1st Feb 2016: Workshop on “Eclipse”

24th Feb 2016: ORTO BRAINIA event to sharpen the brains of budding engineers

More in Page 11 in LINK-1603

Women In Engineering Affinity Group Madras Chapter

5th Feb 2016: STAR Event (Phase - II) at Government High School, Annoor, Coimbatore.

More in Page 3 in LINK-1602
2016 IEEE Mini POCO
(Panel of Conference Organizers)

The IEEE Madras Section in Chennai, hosted a one day 2016 IEEE Mini POCO (Panel of Conference Organizers) meet, on 28th Feb 2016 at Chennai jointly sponsored by IEEE Madras Section and IEEE Region 10 (Asia Pacific Region). In this Mini POCO, over 100 attendees from different parts of India participated.

Dr. R. Hariprakash, the Organizing Chairman of 2016 IEEE Mini POCO, in his opening and welcome address highlighted the need of such conference organizers meet and the importance of creating awareness about the quality and global standards to be followed by conference organizing institutions.

Shri. K. Ramakrishna, Director, IEEE R10 (Asia Pacific Region), formally inaugurated Mini POCO and in his inaugural address, stressed the importance of IEEE and the future projects of IEEE. He also briefed the edge of the IEEE over other professional organizations. He also launched the eVersion of the newsletter, IEEE MAS LINK Feb 2016 issue.

Felicitations were offered by Dr. M. A. Atmanand, Chairman IEEE Madras Section and Mr. H. R. Mohan, Vice Chair IEEE Madras and Dr. P. Sakhthivel, Treasurer, IEEE Madras Section offered the formal vote of thanks.

The Mini POCO had the following technical sessions:

“Strategic planning and quality aspects for a good conference” by Dr. T. Thyagarajan, Director, Center for University Industry Collaboration, Anna University

“Challenges in Peer Review and Scholarly Publications” by Dr. M. A. Atmanand, Scientist-G, National Institute of Ocean Technology, Chennai.

“Plagiarism screening with CrossCheck – Innovative tools” by Shri. T.S. Rangarajan, Principal Consultant, Tata Consultancy Services.

“How to write a good Journal Paper” by Prof. V. Jagadeesh Kumar, Professor, Indian Institute of Technology (IIT), Madras.

“IEEE Conferences Best Practices in Key Areas” by Prof. R. Hariprakash, Dean (E&T) Meenakshi Group of Institutions and Organizing Chairman of Mini POCO.

“Formats, Funding Procedures for IEEE Conferences” by Mr. Harsih, Director IEEE India Operations presented on

The participants provided an excellent feedback and most of them desired to have many such programs.

The presentation copies are available at https://drive.google.com/folderview?id=0B3Hu2knFz1lWGFqVnMyX2M0ZTA&usp=sharing

To photos taken at the Mini POCO are shared at https://www.facebook.com/IEEEminiPOCO2016chennai/

More in Page 22 in Link-1603

Velammal College of Engineering & Technology, Madurai

11th Feb 2016: Inter Collegiate IEEE Project Contest for the students on “Recent Trends in Engineering Applications”

More in Page 18 in LINK-1603

SRM University, Ramapuram Campus, Chennai

20th Feb 2016: Lecture on "Distributed Generation to satisfy prevailing and future load demand" by Dr. N. Kumarappan, Professor of Electrical Engineering at Annamalai University.

More in Page 17 in LINK-1603

Entrepreneurship & Innovation Committee Activities

19th Feb 2016: Startup Grind Chennai, a global startup community designed to educate, inspire and connect entrepreneurs, hosted Mr. C. R. Chandrasekar, Founder of FundsIndia at IIT Research Park to interact with the youngsters keen in startups.

More in Page 16 in LINK-1603

19-22 Feb 2016: Startup Weekend Chennai – Kurukshetra Edition was hosted at College of Engineering, Guindy and provided a good opportunity for the enthusiastic students and young entrepreneurs to collaborate, learn, network and build innovative ideas into startups with the help of mentorship and support from experts in the industry.

Successful and unsuccessful people do not vary greatly in their abilities. They vary in their desires to reach their potential. — John Maxwell
IEEE Computer Society Madras Chapter

7-9 Jan 2016: ICCTIDE-2016 -- International Conference on Computing Technologies and Intelligent Data Engineering at NEC, Kovilpatti.


23rd Jan 2016: Talk on "Trends and Ideas for the Technology Entrepreneur" by Mr. Dorai Thodla.

12-13, Feb 2016: Two day workshop on "The Fundamentals of Data Analysis, Analytics and all that Jazz!" at Coimbatore.

17th Feb 2016: Inauguration of SILICON-2016 -- Two days national technical symposium at Sathyabama University.

20th Feb 2016: Presentation on "Implementation of IT Service Management and Asset Management using ITIL -- A practitioner’s approach!" by Mr. Dinesh Ganesan, Vice-President - Internal IT Infrastructure, Hexaware.

24th Feb 2016: Talk on "Why API's rule the world?" by Ms. Swaathi, Co-Founder, Scriptk, A young and passionate practitioner and who has been acknowledged by Google Inc.

27th Feb 2016: Talk on "Visual Cryptography" by Dr. R.S.Bhuvaneswaran, Associate Professor, Ramanujan Computing Center College of Engineering, Anna University Chennai.

6th Mar 2016: CSI Day Celebrations. Student members from various colleges presented their innovative projects. As a part of the celebrations, an ICT Quiz was conducted by Mr. H.R. Mohan, Chair, IEEE CS.


14th Mar 2016: Talks on "Life as Software Engineer" and "Final year CS Projects" by Dr. Jey Veerasamy, Director of Center for Computer Science Education & Outreach, CS Teaching Faculty, University of Texas at Dallas, USA.

22nd Mar 2016: Workshop on "COMSOL Multiphysics 5.2 and Application Builder" at Chennai.

K. S. Rangasamy College of Technology, Tiruchengode

5th Jan 2016: Distinguished Lecture Programme by Dr. Bernard Allan Cohen, Ethics and Professional Responsibility Committee, IEEE EMBS & Founder, President, CEO of Neurological Monitoring Associates, Milwaukee, Wisconsin, USA

7th Jan 2016: Research forum on “Terminator Seed Technology”.


29th Jan 2016: Seminar on “Stress Management for School Children towards Exam Preparation and Presentation” in association with Public Awareness Club (PAC) and Press and Media Club (PMC)

4th Feb 2016: Research Forum on “Prepare your own Veggies - A Review on Terrace Gardening”

5th Feb 2016: Workshops on “VLSI-FPGA and “NI LABVIEW”

6th Feb 2016: National level technical symposium COMµNIX’16.

24th Feb 2016: Awareness Programme on "Daily Hygiene Practices"

1st Mar 2016: Debate on “Technology implementation Vs Growing unemployment”

3rd Mar 2016: Research Forum on "An Overview on Clinical Syndromes and Pathogenesis of Leptospirosis"

Rajalakshmi Engineering College, Chennai

1st Feb 2016: IEEE EMBS Student Chapter inauguration by Dr. V. Prithviraj, IEEE senior member.

17-18 Feb 2016: Silicon 2k16, national-level technical symposium inaugurated by Mr. H.R. Mohan, Vice Chairman of IEEE Madras Section.

1st Feb 2016: Seminar on Medical Device Regulations and Standards. Ms. V. Ragasudha, Lead Engineer, HCL Healthcare, Chennai was the keynote speaker.

Satyabama University

17-18 Feb 2016: Silicon 2k16, national-level technical symposium inaugurated by Mr. H.R. Mohan, Vice Chairman of IEEE Madras Section.
National Engineering College, Kovilpatti
12th Jan 2016: Technical talk on “Green Communications and Networking” by Dr. S. Tamilselvi, Professor and Head, ECE(PG), NEC, Kovilpatti,
27th-29th Jan 2016: Hands-on training on MATLAB.
5th Feb 2016: Technical talk on “Application Virtualization (APP-V) Technology and Applications” by Mr. Muthu Chelliah, Technical Lead, Wipro Technologies, Bangalore
11th Feb 2016: Technical Talk on “Introduction to Information Theory and Communication Networking” by Mrs. M. Jaya Lakshmi, Asst. Prof., (Sr. Grade), NEC
18th -19th Feb 2016: Workshop on “Internet of Things and Smart Objects-ISMART’16” with Mr. Venkata Ramu Balaji, President, ZF Electronics TVS (India) Pvt. Ltd and Mr. Balakrishnan, Hardware Engineer, Perpetro Technologies Pvt.Ltd, Chennai
9-10 Feb 2016: TECH CONNECT event
4th Mar 2016: Technical talk on “Information Theoretical Entity” by Dr. V. Gomathi, Prof., CSE, NEC.
For Additional Information: Page 5 in LINK-1602 & Page 13 in LINK-1603

Kings College of Engineering, Pudukottai
24th -26 Feb 2016: ICETETS-2016 - International Conference on “Emerging Trends in Engineering, Technology and Science” with inaugural talk by Dr.Kim Kyung-Tae, Professor Emeritus, Hannam University, South Korea.
Invited talks were given by Dr. Kim Kyung-Tae on “How do we perceive the 3D objects and how to implement”, Dr. N. Kumarappan on “Smart grid – revolutionizing our energy future”, Dr. S. R. Pandian, on “Building a Smart Mosquito Trap – Intelligent Mechatronics for Mosquito Control Research” and Dr. S. Raghavan, Professor, National Institute of Technology, Tiruchirappalli on “Miracles of Microwaves”.
More in Page 5 in LINK-1603

IEEE Information Theory Society Madras Chapter
12th Jan 2016: Technical Talk by Dr. S. Tamil Selvi, Professor & Head/ECE(PG) NEC, Kovilpatti on Green Communication and Networking.
11th Feb 2016: Technical Talk by Ms. M. Jayalakshmi Assistant Professor (Senior Grade) / CSE, NEC, Kovilpatti on Introduction to Information Theory and Communication Networking.
More in Page 11 in LINK-1602 Page 19 in LINK-1603

Knowledge Institute of Technology, Salem
27th-28th Jan 2016: Hands-on training on “Logic Design”
21st Jan 2016: Logical reasoning aptitude test with questions based on Common Admission Test (CAT)
22nd Jan, 2016: Group Discussion on “Digital India”
20th Feb 2016: Lectures on “Terrestrial & Space-based Wireless Communication and “Trends in Wireless Communication” by Dr. T. Rama Rao, Vice-Chairman, Antenna Propagation Society, IEEE MAS and Professor & Head, Dept. of Telecommunication & Engineering, SRM University, Chennai.
26th Feb 2016: Discussion session on IEEE Spectrum magazine analysis
27th Feb 2016: Fun Event on “Mono Acting”
26th Feb 2016: IEEE student members meeting and discussion on subconscious mind.
27th Feb 2016: Make a Product Expo.
More in Page 7 in LINK-1602 and Page 6 in LINK-1603

Sona College of Technology, Salem
1-2 Feb 2016: Two-day workshop on “Internet of Things”. Mr. Chandan Varma from Techbharat Consulting was the resource person
25-27 Feb 2016: SONAUTSAV 2016, techno-cultural event
More in Page 7 in LINK-1602 & Page 16 in LINK-1603
M. Kumarasamy College of Engineering, Karur

7th Mar 2016: Intra-collegiate meet, CARTEL 2016 with WIE.

4th Mar 2016: Inter-collegiate meet, GRAUCUS’16 organized along with WIE.


8th Feb 2016: Industrial Automation Workshop

30th Jan 2016: Intra-Collegiate Meet - SPARZA 2016

More in Page 11 in LINK-1603

Kalasalingam University, Krishnakoil

25th Jan 2016: Formal inauguration of IEEE CIS Student Chapter by Dr. N. Kumarappan, Secretary, IEEE Madras Section & Chair

25th Jan 2016: Technical talk on "IEEE eLearning Library" by Dr. N. Kumarappan, Professor / EEE, Annamalai University, Chidambaram

More in Page 4 in LINK-1603

St. Peter’s College of Engineering and Technology, Chennai

5th Feb 2016: Talk on “Introduction to Verilog Programming” by Dr. V. Amudha, SB Counselor

12th Feb 2016: Lecture on, “Job Opportunities for Engineers in Financial Sector” by Ms. S. Vinithra, Assistant Manager, Indian Bank

More in Page 18 in LINK-1603

Sri Sairam Engineering College, Chennai

High Performing Student Branch Chapter Award: The IEEE PES SB chapter won the “High Performing Student Branch Chapter Program (HPSBCP) Award” of IEEE Power and Energy Society.


25th Feb 2016: One-day Industrial Visit to TNEB Siruseri Auto Sub-Station.

26th Feb 2016: One-day Industrial Visit to Tambaram Railway Traction Sub-Station


More in Page 15 in LINK-1603

IEEE Computational Intelligence Society Madras Chapter

25 Jan 2016: Inauguration of IEEE CIS student branch chapter at Kalasalingam University, Krishnakoil.

25 Jan 2016: Technical talk on “IEEE eLearning Library” at Kalasalingam University, Krishnakoil.

20 Feb 2016: Technical Talk on “Distributed Generation to Satisfy Prevailing and Future Load Demand” by Dr. N. Kumarappan, Professor of Electrical Engineering at Annamalai University and the Chair, IEEE CIS, Madras Chapter at SRM University, Ramapuram Campus, Chennai.

More in Page 16 in LINK-1603

SA Engineering College, Chennai

11th Feb 2016: Paper presentation competition and Spectrum talk

More in Page 4 in LINK-1603

Sri Muthukumaran Institute of Technology, Chennai

31st Jan, 2016: Awareness programme on “Robotics” by Mr. Faribhan and Mr. Preet Murthika from Lema Labs

6th Feb, 2016: One-day workshop on “Embedded Systems”
Kongu Engineering College, Erode

8th Feb 2016: Technical Seminar on 3D Printing

9th Feb 2016: Technology Awareness Program was organized by WIE for the students of Erode Arima Sangam Trust School, Dindal

16th Feb 2016: Technical seminar on “Prepaid Electricity System”.

18th Feb 2016: Motivational talk on “Building a Better Future” by Mr. M. Gnanajothi Professor of Management Studies

Announcements

20 – 21 Feb 2016: National Level Workshop & Challenge on “Internet of Things”

Panimalar Engineering College, Chennai

12th Feb 2016: Installation of new office bearers of IEEE SB and IEEE Communi-cation Society chapter was held.

12th Feb 2016: An Intra-college Puzzle Contest was conducted by IEEE COMSOC student chapter.

Ganadipathy Tulsi’s Jain Engineering College, Vellore

12th Feb 2016: Installation of new office bearers of IEEE SB and IEEE Communi-cation Society chapter was held.

12th Feb 2016: An Intra-college Puzzle Contest was conducted by IEEE COMSOC student chapter.

Activities of IEEE ADSF SIGHT

6th Jan 2016: Talk on the project “Technology Adoption for the Reduction of Vulnerability in Fishing” at Trinity College of Engineering, Trivandrum.

12-13 Jan 2016: participated in the Technology Dissemination and Awareness Creation exhibition.

18th Feb 2016: National Science Day was celebrated with solar riding, science models exhibition, projects and research demonstrations for school students.

20th Feb 2016: One-day Training on Assembling of Solar Lantern and Solar Panel at Gnanadason Polytechnic (MGPT) College.

22nd Feb 2016: Talk on the project “Technology Adoption for the Reduction of Vulnerability in Fishing” at Cape Inst. of Technology.

A candle training program for fisher women was conducted at Star Candle Company, Parvathipuram, Nagercoil. A full kit with mould and materials cost Rs. 3000. The company had assured to buy the candles from the women they were training.

How to Become an IEEE Senior Member.

Guidelines for submitting reports and articles to get published in the IEEE MAS LINK newsletter http://goo.gl/5MuY0c

Financial Assistance to SBs in 2016: The following is the list of SBs received financial support from the Section for organising events.

- Panimalar Engineering College - Rs. 5000.00
- Sri Ramakrishna Engg College – Rs. 12500.00
- National Engineering College – Rs. 5000.00
- Sri Krishna College of Enng & Tech – Rs. 15000.00
Publicizing Events: We request the SBs organising events, particularly the events which are being funded by the Section, to publicize the events among our members using the mail blast services through the Section office. This will provide visibility to SBs and also facilitate other members to participate and get benefited in these events. This will be one of the criteria along with others in deciding on the funding to events and activities at SBs.

IEEE Newsroom: The IEEE newsroom features the latest news from IEEE around the world. Find recent and past news related to IEEE hot topics, technical experts, products, awards, services, and events. More at http://www.ieee.org/about/news/index.html

The IET India Scholarship of a total value of Rs. 8,00,000 is being given on merit-based selection criteria. The application deadline is 30th Apr 2016. For more info pl. visit http://scholarships.theiet.in

The Richard E. Merwin Scholarship offers $40,000 in student scholarships from $1,000 and recognizes and rewards active student volunteer leaders in student branches. Application deadline is 30 April 2016. For details: https://www.computer.org/web/students/merwin

IEEE Programming League is a platform for Indian student members of IEEE to provide training to excel in programming competitions like IEEE Xtreme, ACM ICPC etc. Last date to register: 3rd April 2016. For more details & registration, pl. visit http://ieeeprogrammingleague.in/

Engineering Projects in Community Service (EPICS) in IEEE program is now accepting applications. EPICS in IEEE awards grants to university student groups to work on socially innovative projects that may address local community-service needs such as access and abilities, education and outreach, environment, and human services. More info at http://goo.gl/NjmfCl


All IEEE Young Engineers' Humanitarian Challenge (AIYEHUM), organised by the IEEE Region 10 (Asia-Pacific), is a project competition where young scientists and engineers identify a community problem, develop technological solutions to address them and eventually implement it with the support provided by the IEEE R10. Project Proposal Deadline: 15th April 2016. More info at http://aiyehum.ieeer10.org/

2016 EAB Awards: The IEEE Educational Activities Board (EAB) is currently seeking nominations for its prestigious annual awards, which recognize major contributions to engineering and technical education. The deadline for submitting a nomination is 2 May 2016. More at http://www.ieee.org/eab-awards.

IEEE Young Professionals is an international community of enthusiastic, dynamic, and innovative members and volunteers. IEEE is committed to helping young professionals evaluate their career goals, polish their professional image, and create the building blocks of a lifelong and diverse professional network. Find out more about YP and the opportunities at http://yp.ieee.org/

IEEE Future Directions is your resource to emerging technologies within IEEE. The team has identified specific technologies as primary focus areas and has established them as formal initiatives to engage IEEE and technologists globally. To get engaged pl. visit http://www.ieee.org/about/technologies/index.html

For Joining IEEE & Starting a Student Branch (Valid from 1st Mar 2016), see the process at http://goo.gl/H4eGpt

Proposed amendment to the IEEE Constitution: At its November 2015 meeting, the IEEE Board of Directors endorsed revisions to the IEEE Constitution, which will be sent to the IEEE membership for approval this year in the form of one amendment. More at http://goo.gl/gsdzCl