Message from the Chief Editor

Dear Members,

IEEE MAS LINK is happy to present the 1st print edition for the year 2017. This print edition is based on the electronic editions of Jan 2017, Feb 2017 & Mar 2017 editions in the shared gDrive at https://goo.gl/QjVcHK. The multifarious activities of the 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, some important announcements are highlighted. 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 regards

H.R. Mohan

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Message from the Chairman

Dear Members,

The year has started in full earnest and many activities are being put up by members and students. Conferences are also being held by many colleges. While, conduct of conferences is appreciated by IEEE SB, it is also necessary to keep up the standard of these. I have mentioned about this in my previous columns. But I feel the situation has not improved much.

The process of conducting an International event of high standard has to start at least two or more years in advance. Instead of conducting individual conferences, I request you to consider hosting some of the branded IEEE major international conferences like: IEEE International Conference on Communications, IEEE Wireless Communications and Networking Conference, IEEE International Conference on Robotics and Automation, IEEE International Conference on Power Electronics and Drive Systems, IEEE International Conference on Industrial Engineering and Engineering Management, Annual International Conference of the IEEE Engineering in Medicine and Biology Society, IEEE International Instrumentation and Measurement Technology Conference (I2MTC) to name a few. As the work involved in bidding these conferences are high, many tend to take up smaller local conferences, which will have either a few or no international participant at all. This trend is to be changed. I am hopeful of some major institutions in Madras Section take initiative in this regard.

I had the occasion to attend the IEEE Region 10 meeting at Chiba, Japan on the 5th and 6th of March 2017. Many aspects of the working of our region were discussed. One important aspect is that while we are one of the largest in number, our representation in IEEE board is very low. The new director, promised to look into this and increase the representation. Also, many proposals are being invited with good amount of funding, which I feel our members should utilize for the benefit of the community at large. I urge members to keep a watch on the website of R10 at http://www.ieeer10.org/ and the mailers received from IEEE in this regard and make use of the opportunities.

We propose to conduct some new programmes for the benefit of student members at the Madras Section aimed at their employability. The details will be publicized through emails and also posted in our Section website at http://sites.ieee.org/madras. Please keep watching!

We wish to remind that from 15th March, one can join as a new member of IEEE by paying just 50% of the annual membership fee and enjoy the member benefits for an extended period of over nine months. Please encourage your friends and colleagues to become members of IEEE and get enriched professionally.

Till next time,

Yours voluntarily

M A Atmanand
Chairman, IEEE Madras Section

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IEEE COMSOC, Madras Chapter


24th Feb 2017: Organized a talk on “Satellite Technology – Advancements and Challenges” by Mr. S Purushothaman, Senior Scientist, ISRO Satellite Center, Bangalore.

For Additional Information: Page 11 in LINK 1701  Page 12 in LINK 1703

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Technology is dominated by two types of people: those who understand what they do not manage and those who manage what they do not understand. - Archibald Putt
Panimalar Institute of Technology, Chennai

20th & 21st Dec 2016: Two-days hands-on workshop on Attentive Escort for Visually Impaired People using Image Processing.

20th and 21st Dec 2016: Organized a National Level Workshop on Antenna Design using HFSS Tool and resource person was Mr. Jayanandan, Technical Director, Tesla Minds, Chennai.

20th Dec 2016: Inaugural function of the IEEE Antennas and Propagation Society & Microwave Theory and Techniques Student Branches.

4th to 6th Jan 2017: Conducted Entrepreneurship Awareness Camp (EAC).

6th Jan 2017: Organized a lecture on Technology Assisted Smart Health by Dr. K. Ganapathy, President, Apollo Telemedicine Networking Foundation, Director Apollo Tele Health Services, Chennai.

6th Jan 2017: Lecture on Technology Deployment in running a Mega Corporate Hospital by Mr. Arvind Sivaramakrishnan, Group CIO, Apollo Hospitals, Chennai.


6th Jan 2017: Free Awareness Camp and Screening on Non-Communicable Diseases.

6th to 12th Jan 2017: Placement Training Programme by SMART & TIME, Chennai.

24th Jan 2017: Conducted “Video Presentation in Electrical Engineering”.

31st Jan 2017: Seminar on Preparation for AMCAT Examination by Mr. Gurunathan Murugan, Senior Manager Aspiring Minds, Chennai.

10th Feb 2017: Awareness programme on GATE Preparation & Opportunities in Public Sector Units by Mrs. Bagyalakshmi S, SDE, from BSNL, Chennai.

25th Feb 2017: One-day workshop on Image Processing using SCILAB.

25th Feb 2017: Workshop on Industry Automation by Mr. S. Arunkumar, Application Engineer, Technocrat.

25th Feb 2017: Workshop on Image Processing using MATLAB.


25th Feb 2017: Organized a national level technical Symposium PRAYUDH’17 - CSE.

For Additional Information: Page 7, 8 in LINK 1701
Page 15, 16, 17, 18 in LINK 1703

Knowledge Institute of Technology, Salem

12th Dec 2016: Hands-on training on Digital VLSI Design.

13th Dec 2016: Hands-on training on Graphical System Design.

13th Dec 2016: Hands-on training on Signal Processing Toolbox in MATLAB.

15th Dec 2016: Workshop on Basics of Hardware Networks.

15th Dec 2016: Hands-on training on Introduction to Various Modern Processors.

20th Dec 2016: Organized Spectrum Analysis with the title of “Interactive: Record-Breaking PV Cells”.

21st Dec 2016: Spectrum Analysis on “Deep Learning Reinvents the Hearing Aid”.

22nd Dec 2016: Spectrum Analysis on the topic “Self-Healing Transistors for Chip-Scale Stars Chips”.

16th Jan 2017: Spectrum Analysis on “Treating Depression With tDCS: Startup Ybrain Aims for the Mainstream”.


6th Feb 2017: Organized “Talk for a minute”.

13th Feb 2017: Organized Spectrum Analysis by Mrs. C. Vanitha, IEEE Faculty In charge / CSE.

14th Feb 2017: Spectrum Analysis on “City Solar Power Potential and Road Network Size Linked”.

20th Feb 2017: Group Discussion on “Do we really need Smart Cities?”.

22nd Feb 2017: Organized a Tech-Talk on “Execution is more important than Planning”.

23rd Feb 2017: Organized Make a Product Discussion.

For Additional Information: Page 4, 5 in LINK 1701
Page 4, 5 in LINK 1702, Page 10, 11 in LINK 1703

IEEE Computer Society, IEEE TEMS & IEEE PCS

28th Nov 2016: Presentation on “Attracting Investments for Tech Innovations – Case Study on Technology Solutions for Teaching” by Mr. M. Srinivasan, Managing Director, Kengs India Pvt Ltd, Chennai.

20th Dec 2016: Presentation on “Cyber Crimes in India: Emerging Trends & Computer (In) security in India”.

For Additional Information: Page 12 in LINK 1701
SSN College of Engineering, Kalavakkam

3rd and 4th of Feb 2017: Two-day national conference on Disaster Mitigation, Responsiveness and Management was organized.

10th and 11th Feb 2017: Organized a two-day “Hands on Workshop on Arduino”.

11th Feb 2017: Organized a one-day workshop on “LaTeX”.

20th Feb, 2017: One day workshop on “Research Methodology” was organized by the Dept. of Computer Science and Engineering.

22nd Feb 2017: Lecture on “Stress Management in the Phase of Placement.”


23rd Feb 2017: Lecture on “5G and its challenges”

2nd Mar 2017: Organized an interactive session on “Graduate Degree Abroad”.

For Additional Information: Page 11 in LINK 1702
Page 4, 5 in LINK 1703

IEEE Madras Section Nanotechnology Council Chapter

24th Dec 2016: Workshop was organized with distinguished speakers Dr. Akhila Kumar Sahu, Scientist, CSIR Chennai, Dr. Ramanujam Kothandaraman, Assoc Prof/Chemistry, IIT Madras, Dr. Ranjit Bauri, Assoc Prof/ Metallurgical and Materials Engineering, IIT Madras, Dr. Santoshkumar D. Bhat, Senior Scientist, CSIR-Central Electrochemical Research Institute, Chennai.

For Additional Information: Page 13 in LINK 1702

IEEE Information Theory Society Madras Chapter


For Additional Information: Page 12 in LINK 1701

VIT, Vellore

2nd and 3rd of Feb 2017: Organized a Premium event B-Quizzed.

15th Feb 2017: A technical workshop on “Introduction to GITHUB/GIT”.


9th Feb 2017 and 7th Mar 2017: Workshops on “C+: Introduction to Competitive Coding”.


First week of March: Organized membership drive.


13th Feb & 8th Mar 2017: Conducted a workshop on the basics of designing.

3rd Mar to 4th Mar 2017: Organised a 24 hour Hackbattle (Hackathon).

For Additional Information: Page 28, 29 in LINK 1703

IEEE Computational Intelligence Society, Madras Chapter


2nd to 6th Jan 2017: Winter School on “Computational Intelligence: Fundamental Theory and Practical Applications” at VIT University Chennai Campus.

2nd to 6 Jan 2017: Organized 2017 IEEE CIS Sponsored Winter School on “Computational Intelligence: Fundamental Theory and Practical Applications”

For Additional Information: Page 12 in LINK 1701
Page 5 in LINK 1703
Sri Krishna College of Engineering and Technology, Coimbatore

17th Feb 2017: Organized “IEEE Membership Initiation Program”

St. Joseph’s College of Engineering, Chennai

9th Jan 2017: Seminar on Awareness of Embedded System in Internet of Things (IoT).
30th Jan 2017: Guest lecture by Dr. V. Jagadeesh kumar, Dean Academic Courses, IIT, Madras.

9th Feb 2017: Quiz Competition was organized.

Sri Eshwar College of Engineering, Coimbatore

28th Feb 2017: Selected IEEE SB office bearers.

IEEE Computational Intelligence Society, Madras Chapter


2nd to 6th Jan 2017: Winter School on “Computational Intelligence: Fundamental Theory and Practical Applications” at VIT University Chennai Campus.

IEEE EDS and Karunya University, Coimbatore


For Additional Information: Page 11 in LINK 1701

National Conference on Disaster Mitigation, Responsiveness and Management

IEEE SB provided support for the two-day national conference on Disaster Mitigation, Responsiveness and Management on the 3rd and 4th of Feb 2017 organized by the Dept. of Civil Engineering and supported by IEEE Madras Section. The conference was inaugurated by Dr. B. Venkatraman, Director, Health, Safety and Environment Group, IGCAR, Kalpakkam and Dr. M. A. Atmanand, Former Director & Scientist-G, National Institute of Ocean Technology, Chennai & Chair, IEEE Madras Section.

Dr. S. Salivahanan, Principal and Dr. S. Ramanagopal, conference chair addressed the conference. Eminent speakers at the conf. included:

- Mr. M. K. Pathak, Scientist-E, Research Development Establishment (Engg.), DRDO, Pune
- Dr. P. Mukhopadhyay and Dr. Kaustav Chakravarty, both Scientist-E, Indian Institute of Tropical Meteorology, Pune
- Dr. A. Boominathan and Dr. Goudappa Dodagoudar, both Prof/Civil., IITM, Chennai
- Dr. Saswati Mukerjee, Head, DIST, CEG, Anna University
- Dr. R. Venkatesan, Group Head - Ocean Observation Systems, NIOT, Chennai
- Mr. G. Padmanaban, Senior Manager, Communication & Telecom Infra, L&T Construction, Chennai
- Mr. Vinoj P Joseph, Assistant Commandant, NDRF, Arakkonam
- Dr. S. Mohan, Prof., Environmental & Water Resources Engg. Division, IITM, Chennai
- Dr. G. P. Ganapathy, Director, Center for Disaster Mitigation & Management, VIT University, Vellore
Aarupadai Veedu Institute of Technology, Chennai

2nd Feb 2017: Organized a lecture on Cognitive Internet of Things by Mr. A. Athif Shah, Chairman & Managing Director, Abe Semiconductors, Chennai.

7th Feb 2017: Training by industrial experts from Vega Intellisoft-TCS-IoN on Ethical Hacking.


13th Feb 2017: One-day Workshop on Internet of Things.

16th and 17th Feb: Two-day workshop on Matlab and its applications.

23rd Feb 2017: One-day workshop on Libre Office Writer.

24th Feb 2017: Seminar on Research Aspects in Engineering for Satellite Technologies

For Additional Information: Page 22, 23 in LINK 1703

Ganadipathy Tulsi's Jain Engineering College, Vellore

15th Feb 2017: Organized a kick-off meeting for the new office bearers of academic year 2017-2018 to take charge.

15th Feb 2017: One day technical talk contest on “Recent Trends in Electronics and Communication” was organized.

For Additional Information: Page 3, 4 in LINK 1703

Bannari Amman Institute of Technology, Sathyamangalam

24th Dec 2016: Organized “A Day with Engineer” Alumni, Mr. A. Arun Vignesh from Payoda Technologies and Mr. K. Karthik from Robert Bosch conducted a seminar on smart automation system

2nd Jan 2017: Conducted debate on demonetization

5th Jan 2017: Arranged workshop on Vehicle Dynamics

7th Jan 2017: Organized a lecture on Entrepreneurship Skill Empowerment

For Additional Information: Page 3 in LINK-1701

Dr. N. G. P. Institute of Technology, Coimbatore

11th Jan 2017: Lecture on Energy Optimization Systems by Mr. Gunther Braus, President/CEO Dibalog GmbH, Germany.

3rd Feb 2017: industrial visit to Kalapatti Substation.

10th Feb 2017: Lecture on “Modeling and Control of Real Time Systems” by Dr. Ramakrishna Pasumarthi, AP, IIT Madras

For Additional Information: Page 3 in LINK 1702

For Additional Information: Page 4 in LINK 1703

Jansons Institute of Technology, Coimbatore


For Additional Information: Page 6 in LINK 1703

Dr. Sivanthi Aditanar College of Engineering, Tiruchendur

8th Feb 2017: Organized a Technical Aptitude Contest.

17th Feb 2017: Organized a Debate event

27th Feb 2017: IEEE SB activities for the year 2017 were inaugurated.

13th Feb 2017: Organized a Connexion contest.

8th Feb 2017: Circuit Designing Contest was organized.

14th Feb 2017: C Puzzles contest were organized.

15th Feb 2017: Organized a brain teaser event.

20th Feb 2017: Scratch Your Brain contest was arranged.


For Additional Information: Page 22, 23 in LINK 1703

Annai Vailankanni College of Engineering (AVCE), Kanyakumari

8th Mar 2017: IEEE members from Aishwarya College of Engineering and Technology (ACET), Erode, visited the AVCE IEEE SB as part of networking activities and knowledge exchange.

For Additional Information: Page 3 in LINK 1703

Francis Xavier Engineering College, Tirunelveli

Innovative Project Expo - 2017

For Additional Information: Page 26 in LINK 1703
St. Xavier's Catholic College of Engineering, Tirunelveli

29th Dec 2016: Organized a visit to a home for the disabled.
29th Dec 2016: Organized a visit to the Horticulture Research Station, Pechiparai.
24th Jan 2017: Organized a technical gathering.
31st Jan 2017: Organized a technical gathering.
8th Feb 2017: Organized College Tech Fest.
14th Feb 2017: Delivered a talk on ‘Renewable Energy’ at the technical gathering.
21st Feb 2017: Technical talk on ‘The Types of Wireless Communication and Their Advantages’ was delivered.
24th Feb 2017: Organized a visit to Vattapaarai village.
28th Feb 2017: Technical talk on ‘The Discovery of Bismuth as a Superconductor’.
28th Feb 2017: Celebrated the National Science Day.

For Additional Information: Page 10 in LINK 1701
Page 11 in LINK 1702, Page 26, 27 in LINK 1703

Jeppiaar Institute of Technology, Chennai

10th Jan 2017: Organized an event “Multimedia presentation on the theme, recent trends in technology”.
17th Feb 2017: Chapter organized an event, “PAPER TALK 2K17”
30th Jan 2017: Organized a workshop on “RC Nitro Car & Drone”
13th Feb 2017: Technical quiz, “Robo-Connect” was organized.
7th and 8th Feb 2017: Organized a Cardio Pulmonary Resuscitation (CPR) training program on 7th and 8th Feb 2017 by Dr. Archana and Dr. Sangeetha of Saveetha Medical College at the medical hospital.

For Additional Information: Page 4 in LINK 1702
Page 7, 8 in LINK 1703

K.S.Rangasamy College of Technology, Tiruchengode

27th Dec 2016: A lecture on Computational Genomics by Dr. Biju Lakshman, R&D Director, Selvam Group of Educational Institutions, Namakkal District
29th Dec 2016: Research forum meeting by Dr. M. Balasubramanian, Assoc Prof/Biotech.
29th Dec 2016: Research forum meeting by Mrs. K. Suriya, Research Scholar, Biotech.
17th Feb 2017: Program on “Protection of Native Cattle Breeds” by Dr. Karthikeya Sivasenathipathi, Founder, Kangeyam Cattle Research Foundation, Kangeyam
24th Feb 2017: Presentation by Ms. S. Rupavathi, JRF, UGC, New Delhi on her research work, “Evaluation of antibiotic producing Streptomyces spp. against rhizome rot disease in turmeric”.
8th Mar 2017: Celebrated Women’s day.

For Additional Information: Page 6 in LINK 1701
Page 13 in LINK 1703

IFET College of Engineering, Villupuram

18th Jan 2017: Seminar on “Smart Metering” by Er. J. Balamurugan, Assistant Engineer/TNEB Chennai.
11th Feb 2017: Lecture on “Solar Energy Technologies” by Mr. S. Vijaya Kumar, Business Development Manager, PHOCOS, India Solar Private Limited – Pondicherry

For Additional Information: Page 3 in LINK 1701
Page 4 in LINK 1703

Cape Institute of Technology, Tirunelveli

25th Jan 2017: Organized CHAKRAVYUHA ‘17 – a project contest

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Page 3 in LINK 1702

IEEE Photonics Society Madras Chapter


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Kalasalingam University, Krishnankoil


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Karpagam College of Engineering

21st and 22nd Dec 2016: Two-day hands-on training on “Internet of Things using Arduino” by Mr. R. Vijayakumar, AP/EEE, SNS College of Technology, Coimbatore.


4th Feb 2017: Seminar on Additive Manufacturing was organized.

9th Feb 2017: Organized a DET talk event -- Design, Elaborate and Talk by Mr. Dhanapal Padmanaban, Film Director - Animation-VFX and Graphics Designer.

17th Feb 2017: Organized Ideathon 2017

18th Feb 2017: FDP on Modelling and Control of Bio-Generation.

19th Feb, 2017: Workshop on Internet of Things

21st Feb 2017: A one-day national level workshop on Renewable Energy Sources for Rural Electrification.

For Additional Information: Page 4 in LINK 1702
Page 8,9 in LINK 1703

Sri Sai Ram Engineering College, Chennai

2nd to 7th Jan 2017: One-week training program on “Testing and Commissioning of Electrical Equipment in Substation”.

7th Feb 2017: Technical lecture on “Impact of Transients on Power system and its Control Techniques” by Mr. S. Selvakumar, Application Manager, ABB Global India Industries Ltd, Chennai.

17th Feb 2017: IEEE Computer Society Student Branch Chapter was inaugurated.

1st Mar 2017: Organized an Educational Outreach Program for school students.

For Additional Information: Page 10 in LINK 1702
Page 20 in LINK 1703

KPR Institute of Engineering and Technology, Coimbatore

20th & 21st Dec 2016: Two-day workshop on “Quality Circle Concepts for Industrial Environment” by Mrs. S. Yogeswari, Secretary, QCFL-Coimbatore Chapter, Coimbatore.

31st Dec 2016: A lecture on “Installation of Solar PV on Grid System”.

24th Jan 2017: Organized a lecture on “Study of Time Management for Laboratory Environment”

3rd Feb 2017: Seminar on “Solar Integration” by Mr. S. Vivekanandan, AP/EEE

10th & 11th Feb 2017: Two-day workshop on “Power Electronics Applications in Energy Efficient Renewable and Micro Grid Systems”.

13th Feb 2017: One-day Seminar on “Grid Tie PV System”

17th Feb 2017: IEEE SB and EEE Dept. were involved in Swachh Bharat Abhiyan campaign (plastic waste removal activity)

For Additional Information: Page 5, 6 in LINK 1701
Page 11, 12 in LINK 1703

M. Kumarasamy College of Engineering, Karur

7th Jan 2017: Motivational speech by Mr. Vimalnath Venkatasubramaniam, CA, ITC

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National Engineering College, Kovilpatti


28th Dec 2016: Technical seminar on Android-N & Viruses.

29th Dec 2016: Organized a SPARK TECH.

5th to 7th Jan 2017: An active participant in organizing the International conference on Wireless Smart System Technologies (WiSST 2017)

12th Jan 2017: A one-day workshop on “Business Intelligence and its tools”

28th Feb 2017: Poster presentation on Artificial Intelligence and Green Computing was conducted.

For Additional Information: Page 7 in LINK 1701
Page 7 in LINK 1702, Page 14 in LINK 1703

Thiagarajar College of Engineering, Madurai

12th to 25th Dec 2016: Two-week FDP on “CMOS VLSI System Integration: Analysis, Implementation and Simulation”.

13th Jan, 2017: Organized CODER JACK, programming competition.3

22nd and 23rd Feb 2017: Workshop on “IoT using OpenCV Platform and Raspberry Pi”.


4th Mar, 2017: Organized a Lecture on “VLSI Device Modeling”.

For Additional Information: Page 11 in LINK 1701
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<table>
<thead>
<tr>
<th>Event</th>
<th>Organizer/Details</th>
</tr>
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<tbody>
<tr>
<td>22(^{nd}) to 24(^{th}) Dec 2016: Short term training program on RF Circuits &amp; Antenna Design.</td>
<td>Rajalakshmi Institute of Technology, Chennai</td>
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<tr>
<td>20(^{th}) to 22(^{th}) Dec 2016: Three-days short term training program on Machine Learning in Computer Vision.</td>
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<tr>
<td>22(^{nd}) to 24(^{th}) Dec 2016: Short term training programme on Digital System Design using Xilinx/Tanner Tool.</td>
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<tr>
<td>21(^{st}) to 28(^{th}) Jan 2016: Faculty Development Training Programme on Antenna and Wave Propagation.</td>
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<tr>
<td>25(^{th}) Jan 2017: Intradepartmental technical quiz named Concurzo'17 was organized.</td>
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<tr>
<td>27(^{th}) and 28(^{th}) Jan 2017: Organized two-day workshop on Internet of Things (IoT) using IBM-BLUEMIX &amp; ESP 8266.</td>
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<td>For Additional Information: Page 8, 9 in LINK 1701</td>
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<td>Page 7, 8 in LINK 1702</td>
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<tr>
<td>9(^{th}) Jan 2017: Organized a debate on demonetization.</td>
<td>St. Joseph's Institute of Technology, Chennai</td>
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<td>For Additional Information: Page 11 in LINK 1702</td>
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<tr>
<td>28(^{th}) Dec 2016: An invited talk on “Evolution of Smart Cities using M2M Communication”.</td>
<td>Sreenivasa Institute of Technology and Management Studies (Autonomous), Chittoor</td>
</tr>
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<td>28(^{th}) Jan 2017: One day workshop on “Soft Computing”.</td>
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<tr>
<td>25(^{th}) Feb 2017: One day workshop on “Research Methodology and Statistical Tools for Research”</td>
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<tr>
<td>28(^{th}) Jan 2017: One-day workshop on “Soft Computing”.</td>
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<td>For Additional Information: Page 4 in LINK 1701</td>
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<td>Page 4 in LINK 1702</td>
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<td>For Additional Information: Page 9, 10 in LINK 1703</td>
<td></td>
</tr>
<tr>
<td>20(^{th}) Dec 2016: Presentation on “Cyber Crimes in India: Emerging Trends &amp; Computer (In)security in India” by Mr V. Rajendran, Past President, Cyber Society of India.</td>
<td>IEEE Computer Society, IEEE TEMS</td>
</tr>
<tr>
<td>23(^{rd}) Jan 2017: Technical talk on “Career Opportunities in Medical Electronics and Health Safety” by Mr. N. Nallusivam, Engineer, AMR, TAGEDCO, Chennai.</td>
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</table>

For Additional Information: Page 19 in LINK 1703.


24th Feb 2017: Started a Special Lecture Series for IEEE student members.

For Additional Information: Page 20 in LINK 1703

20th Feb 2017: Organized “IEEE awareness programme”.

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23rd Feb 2017: Organized a hands-on training on AC Machines Windings, Motor Assembling and Dismantling.

24th and 25th Feb 2017: Organized training on Industrial Automation on PLC.

For Additional Information: Page 23 in LINK 1703

University of California fires entire IT team to save Rs. 200cr and outsources the work to HCL India

Kongu Engineering College, Perundurai

28th Dec 2016: A technical seminar on Basics of Web Design by Mr. G. Mahesh Prabhu, SB Webmaster.

28th Dec 2016: Technical seminar by Mr. Nowfal, IEEE member on IoT

24th and 25th Feb 2017: Two-day national level Hands-on workshop on Python Interactive Programming Workshop for Engineers (PIPE).

27th Feb 2017: Organized DEXTESTRA, a entrepreneur programming event.

For Additional Information: Page 6 in LINK 1701
Page 11 in LINK 1703

Mahendra Engineering College, Namakkal


For Additional Information: Page 14 in LINK 1703

Sayyda Ammamil Engineering College, Ramanathapuram

17th and 18th Feb 2017: Hands-on workshop on “Importance of Switching and Routing in Computer Networks Using Cisco Packet Tracer”

18th Feb 2017: Technical talk on “Challenges in E-waste Management”.

For Additional Information: Page 21 in LINK 1703

Prathyusha Engineering College, Chennai

27th Feb 2017: Active organizer of AEEICB-17, An International Conference on “Advances in Electrical, Electronics, Information, Communication and Bioinformatics” in association with IETE and CSI

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Vetri Vinayaha College of Engineering and Technology, Tiruchirappalli

4th Feb 2017: IEEE SB and IEEE Product Safety Engineering Society (PSES) chapter were inaugurated.

4th Feb 2017: SB chapter was inaugurated by Dr. V. Jayaprakasan, Chair, IEEE PSES – Madras Chapter.

For Additional Information: Page 12 in LINK 1702
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Student Branch Officers Meet – 2017

The IEEE Madras Section Student Branch (SB) Officers Meet -2017 was organised on 5th Feb 2017 at the TAG Auditorium, Anna University Campus. About 100 participants comprising of SB Counsellors and SB Officer Bearers from about 70 student branches across the state actively participated in the meet and benefited.

The meet started with the IEEE code of ethics read by Mr. Suriya Thilipan, Section Student Representative. Mr. H.R. Mohan, Chair, Student Activities welcome the gathering and stated that the meet is being organised in the beginning of the year to facilitate the SB officers to get familiarized with the opportunities well in advance and make use of the same and benefited. Further, he stated that combining with the Annual Meeting & Awards Presentation event of the Section will also facilitate the SBs to receive their awards in person. Dr. M.A. Atmanand , Chair, IEEE MAS, in his address, urged the members to participate in various projects, competitions and funding initiatives supported by R10 and HQ and get global recognition. He also stressed the need for the SBs to be active in the context of around 150 SBs been identified (by a sub committee headed by Dr. S. Elangovan.) as inactive and not yet revamped and being recommended to R10 for their closure for not meeting the requirements. Then the programme started with the self-introduction session in which the participants introduced briefly about their SBs and the spelt out their expectations from this meet.

The various sessions of the meet included the following:
- Hands-on session on drafting an annual action plan by Mr. A. Aravindhan
- Highlights on competition & awards by Mr. A. Aravindhan
- Newsletter Reporting & Issues by Mr. M. Arun & Mr. H. R. Mohan
- Websites for SBs using WordPress by Mr B. Ashvanth
- Publishing SB activities on the web using Word and gDrive by Mr. H.R. Mohan
- Tools for Volunteers by Mr. Prasanth Mohan
- India Strategic Initiatives by Mr. Nivas Ravichandran
- IEEE USA Perspective, Innovation & Creativity by Mr. R. Sampath, CEO & MD, BeWo
- Benefits from the Section & India Council by Mr. H.R. Mohan
- SB Funding Opportunities from other IEEE sources by Dr. S. Elangovan
- Highlights on Young Professionals Affinity Group by Mr. Nivas Ravichandran
- Presentations by Select SBs (BIT, Cape Inst, KIOT, KLNCE, Panimalar, SJCE, SSNCE and SXCCE) on their activities and best practices
- Presentations by chairs of COMSOC, CIS and Mr. Mohan on Society Chapters.

In the valedictory and the open discussions session, the queries raised by the SBs in the survey conducted by the Section and during the session were clarified by the OBs of IEEE Madras Section. The participation certificates were presented to all the participants and the meet ended with a group photo session.

The participants had ample time to interact, network with other SB officers and the IEEE Madras Section Office Bearer, Execom members and society and affinity group chairs and explore various avenues for organising events.

This IEEE MAS SB officers’ meet was organized by Mr. H.R. Mohan, Chair, SAC with the support of Dr. P. Sakthivel, Secretary cum Treasurer, IEEE MAS and a group of student volunteers with the funding from IEEE Madras Section. All the presentations made during the meet and few select photos are shared in the gDrive of the IEEE MAS Events at https://goo.gl/3nOLF

Rajalakshmi Engineering College, Chennai

27th & 28th Dec, 2016: Organized an workshop “PCB Based Product Design”.
25th Jan 2017: Lecture on Nanophotonics and its Applications.

MIT researchers are developing a feedback system that enables people to correct robot mistakes using just brain signals.

For Additional Information: Page 6 in LINK 1702
IEEE Madras Section Annual Meet and Awards Presentation for the year 2016

The IEEE Madras Section Annual Meet and Awards Presentation for the year 2016 was held on 5th Feb 2016 at the TAG Auditorium, Anna University. About 125 members attended the Annual Meeting.

Dr. M.A. Atmanand, Section Chair, welcomed the gathering and spoke and provided an overview and the highlights of the section activities during the year 2016. He thanked all the members and the execom for extending their support for successful conduct of the section activities.

Dr. P. Sakhthivel, Secretary, presented the Secretary’s Report for the year 2016, explaining about the activities of the section, societies & affinity groups, student branches and the membership status and developmental initiatives etc. The report was approved by the members.

Dr. P. Sakhthivel, Treasurer, also presented the Management Accounts for the year 2016 which was also approved by the general body. The members were also informed that the audited accounts will be finalized as at March 31st 2017 and will be presented to the members during the Annual General Body Meeting subsequently.

Mr. H.R. Mohan, Vice Chairman, then announced and presented the cash awards and certificate of appreciation to the best performing student branches and the student branches with largest numbers of members and to the student branches hosting the sections events such as FDPS, Xtreme Program and Student Paper Contest, Xtreme award winners, SBs with large no. of technical societies and best performing section society chapters and affinity groups.

Mr. C. R. Sasi, Chair, nomination committee presented the report on the execom slate of the Madras Section for the year 2017 and inducted the new Execom with Dr. M.A. Atmanand as Chairman. The other newly elected members of the execom were introduced to the members at the Annual Meeting.

The outgoing and the incoming execom members & nomination committee members of the section were honored. The incoming Secretary, Dr. T. Michael Kumar proposed the vote of thanks. Prior to the start of the Annual Meeting, a musical entertainment programme by Santosham, a versatile singer, songwriter and theatre actor based out of Chennai was organized.

The Annual Report and the Highlights of the Activities presented at the Meeting, select photos and the details of the award winners are shared in the gDrive at https://goo.gl/gO7VdJ

Information Resources

**Cashless India - Digital Payment Methods:** The Digital India programme is a flagship programme of the Government of India with a vision to transform India into a digitally empowered society and knowledge economy. “Faceless, Paperless, Cashless” is one of professed role of Digital India. See the various options at http://cashlessindia.gov.in

**Govt. of India - Acts/Rules:** In this website, one can access full text of all the Central Acts passed by the Indian Parliament since 1834 by searching the India Code Information System (INCODIS). State Acts are also available. Users can access all the Rules passed by the Parliament and State Legislative Assemblies. Subordinate legislations issued by various Departments are also given in this website. https://india.gov.in/my-government/actsrules

**Govt. of India – Schemes:** Indian Government, at all levels, announces Welfare Schemes for a cross section of the society from time to time. These schemes could be either Central, State specific or a joint collaboration between the Centre and the States. In this section, we have attempted to provide you an easy and single point access to information about several welfare schemes of the Government and their various aspects including eligible beneficiaries, types of benefits, scheme details etc. https://india.gov.in/my-government/schemes

**Govt. of India – Services:** Indian Government under Digital India initiative has launched over 1900 services under various ministries, states, departments dealing with Education and learning; Health and wellness[ Electricity, Water and Local services; Money and Taxes; Jobs; Justice and law; Travel and tourism; Business and self-employed; Births, deaths, marriages and child care; Pension and Benefits; Transport and infrastructure; Citizenship, Visas & Passports; and Agriculture, Rural and Environment. https://services.india.gov.in.

**Smart Cities Mooc:** Teaching Citizens How to Co-create Smart Cities Conference Item Teaching Citizens How to Co-create Smart Cities https://goo.gl/Phuiof

Compiled by

**H.R. Mohan**

Vice Chairman, IEEE Madras Section

Financial Assistance to SBs

<table>
<thead>
<tr>
<th>SB College Name</th>
<th>Event date</th>
<th>Topic</th>
<th>Amount (Rs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>St. Xavier's College of Engineering</td>
<td>22-23 Oct 2016</td>
<td>IEEE Xtreme 10.0</td>
<td>10,000</td>
</tr>
<tr>
<td>Velammal Engineering College</td>
<td>7-14 Nov 2016</td>
<td>Seminar on Human Computer Interaction</td>
<td>12,500</td>
</tr>
<tr>
<td>Cape Institute of Technology</td>
<td>28-30 Sep,2016</td>
<td>Three days Workshop on Internet of Things(IOT)</td>
<td>7,500</td>
</tr>
<tr>
<td>Sri Krishna College of Technology</td>
<td>17-27 Oct,2016</td>
<td>National level Workshop on &quot;Lab VIEW&quot; (Engineering Solutions Using Graphical Systems Design - NI Lab VIEW and HW Platforms)</td>
<td>5,000</td>
</tr>
<tr>
<td>Jansons Institute of Technology</td>
<td>17th Sep, 2016</td>
<td>Workshop: Infolytica - MagNet</td>
<td>5,000</td>
</tr>
<tr>
<td>Veltech University</td>
<td>26-30 Sep, 2016</td>
<td>Workshop on &quot; Data Analytics using R Programming&quot;</td>
<td>7,500</td>
</tr>
<tr>
<td>K.L.N. College of Engineering</td>
<td>1-2 Dec, 2016</td>
<td>National level seminar on &quot; Recent trends in RF, Antennas and MIC</td>
<td>10,000</td>
</tr>
</tbody>
</table>
Announcements

The IEEE Group Medical Insurance Scheme: The IEEE Group Medical Insurance Scheme had undergone some revision. For more about the scheme, please visit http://www.ieee.org/membership_services/membership/discounts/group_insurance.html. While the flyer is given below, the revised and the latest premium rates and the MoU with National Insurance Corporation are shared in a gDrive at https://drive.google.com/drive/folders/0B5jxEnDN1CofBG1US1VXRTHZlk?usp=sharing. This is a unique facility from IEEE to the members and all are requested to make use of this offer.

Guidelines for SB Events Funding and Application Forms: The revised guidelines for funding from IEEE Madras Section to the SBs for organizing events have been uploaded at the IEEE MAS Website at http://http://sites.ieee.org/madras/financial-assistance-to-students/. SBs desirous of getting the funding from the Section are requested to follow the guidelines and submit the application with the required information in time for processing and release the fund in time.

Conference Technical Sponsorship from IEEE Madras Section: While the IEEE Madras Section encourages by technical sponsorship to SBs organizing the conferences (particularly the International Conferences), off late we are receiving complaints reg. plagiarism and issues in uploading the papers in IEEE Xplore. Further, conference requests are sent directly to IEEE HQ without any reference made to the Section and not involving Section Officials. Further it is noted that the conference websites also do not properly highlight the sponsorship of the Section. While the guidelines from the Section is being drafted, as advised by IEEE India Council (IC), for the time being the guidelines approved by IC and available at http://www.ewh.ieee.org/r10/india_council/conferences/Conference Norms_revised_24Jul2016.pdf will be followed to approve the Section sponsorship. The SBs planning to organize the conferences are requested to follow the above guidelines.

IEEE Madras Section Student Project Funding – 2017 – Demo & Evaluation -- Change in Date: The SPF 2017 project demonstration and evaluation by the team at IEEE Madras Section office originally planned on 29th Apr 2017 has been postponed to 20th May 2017 from 9.00 a.m. to 1.00 p.m. due to clash with the Ana Univ. exams.

IEEE Madras Section: Call for Proposals: The IEEE Madras Section hosts various events such as Hub Congress, Faculty development Programmes (FDPs), Xtreme Programming Competition, Student Paper Contest, Entrepreneurship Summit, Innovation workshops, Quiz Programmes, Monthly Technical Lectures for the benefit of members. To facilitate these events to be spread out across the state, we expect the Student Branches SBs to come forward in hosting them. For many of the events, financial support is also provided to a small extent. The SBs hosting these events will be suitably recognized and rewarded with additional 10 points while evaluating the SBs for annual awards. The SBs are required to send their interest to host any one of these events along with a tentative date, budget to ieeeemas.events@gmail.com with a copy to ieeemas@gmail.com. These proposals will be evaluated and the offer will be made to the selected SBs. While we will come out with specific announcements on these events hosting, we are giving advance intimation to the SBs so that they can plan for it and act as soon as the announcements are made. If you require additional info / any clarifications on this initiative, pl. get in touch with us through email at ieeeemas.events@gmail.com with a copy to hrmohan.ieee@gmail.com.

Website Competition: During the IEEE Madras Section SB Officers Meet held on 5th Feb 2017, it was stressed that every SB should have its own website to record and publicize their IEEE activities. A brief introduction to create the website using WordPress and simple method to have web presence using the word document and storing contents in gDrives were given. Further websites can also be created using the IEEE portal and Google sites features. It may pl. be noted that the SBs which are having their web presence are given a weightage of 10 points while their activities are evaluated for Annual Awards. In this context, IEEE Madras Section along with IEEE CS and IEEE PCS will be announcing a Competition with attractive cash prizes and certificate of appreciation for SB Website Creation. Pl. look forward to the announcement.

IEEE India Info Newsletter: The Jan-Mar 2017 issue of IEEE India Info, the newsletter of the IEEE India Council from the India Council Website: http://sites.ieee.org/indiacouncil/newsletter/ You are free to forward this mail to your contacts who may like the information presented in the mail. Please participate in the “ICNL Readers Quiz-17q1” and win Two Amazon Gift Cards of worth Rs. 500/- each. For more details please visit http://sites.ieee.org/indiacouncil/files/2017/03/icnl-readers-quiz-17q1.pdf

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