



**AP RCCC 2017**

**Dec 3-4, 2017**

**IEEE MADRAS SECTION**

# IEEE COMSOC MADRAS CHAPTER

The IEEE COMMUNICATIONS SOCIETY MADRAS CHAPTER was inaugurated in the month of July 2007 by Dr Suresh Chander Paul, Past Chairman, IEEE Madras Section with Mr Sivan Ramachandran as the first Chairperson

# IEEE COMSOC MADRAS CHAPTER

- **Past Chairs:**

Mr Sivan Ramachandran

Dr N R Alamelu

Mr P Subramanian (2016-17)

# IEEE COMSOC MADRAS CHAPTER

- **Office Bearers 2016 -17**

**Chairperson:**

Mr P Subramanian, Aarupadai Veedu Institute of Technology, Chennai

**Vice Chair:**

Mr H R Mohan, Former AVP (Systems), The Hindu, Chennai

**Secretary:**

Dr S Radha, SSN College of Engineering, Chennai

**Treasurer:**

Dr V Jayaprakasan, Srinivasa Institute of Technology and Management

# Activities - 2017

**Jan 28, 2017** – Lecture on E-Waste Management

**Feb 17-18, 2017** – Seminar on Importance of Switching and Routing In Computer Networks Using Cisco Packet Tracer

**Feb 18, 2017** – Lecture on Challenges in E-waste Management

**Feb 24, 2017** – Lecture on Satellite Technology – Advancements and Challenges

**March 21, 2017** – IEEE COMSOC DLT on Security Challenges and Opportunities in SDN/NFV and 5G Networks

**April 6, 2017** – Digitalization Trends in Enterprises

**Aug 9, 2017** – Lecture on Importance of Multirate Signal Processing for Secure Communication

**Aug 16, 2017** – Technology Awareness Program for School Students

**Oct 14, 2017** – Lecture on Making the Invisible Visible

# Activities 2016

**Aug 9, 2016** – Lecture on Challenges in Communication, Chennai

**Aug 20, 2016** – Lecture on Wireless Sensor Networks, Chennai

**May 11, 2016** – Lecture on Communication Systems in Indian Railways, Chennai

**June 24, 2016** – Lecture on System Design Technologies, Salem

**Aug 9, 2016** – Student Technology Awareness Program, Vellore

**Dec 3, 2016** – Lecture on Engineering Research techniques, Chennai

# Activities 2015

**May 21-22, 2015:** Workshop on Network Simulation Tools NS2 and NS3

**July 24-25, 2015:** Workshop on ORCAD / PSPICE

**August 6-7, 2015:** Workshop on Wavelets for Image Processing

**September 7, 2015:** Lecture on Soft Computing Techniques

# Activities 2014

- 1) **Feb 27, 2014:** Workshop on Image Processing
- 2) **March 10-11, 2014:** Lecture on Big Data Problems in Social Media Analytics
- 3) **March 18-19, 2014:** IEEE COMSOC Distinguished Lectures
- 4) **June 16-18, 2014:** Faculty Development on Image Processing
- 5) **June 18, 2014:** Workshop on SCILAB
- 6) **July 27, 2014:** Workshop on Image Processing
- 7) **Sept 13, 2014:** Workshop on Image Processing using SCILAB
- 8) **Sept 26, 2014:** Workshop on Embedded Systems



# Lecture Series

- COMSOC introduced the concept of Lecture Series, wherein a technical lecture would be followed by a soft skill / life skill lecture.
- This encouraged more student members to participate – two lectures on the same day, same venue

# Workshops

- COMSOC Madras Chapter also organises one day seminar / workshop on latest technologies every year.

# Distinguished Lectures

- COMSOC Madras Chapter has hosted two distinguished Lectures during 2014 & 2017.

# Chapter Funding

- COMSOC Madras Chapter has been receiving Chapter funding every year since 2011.

# Challenges Faced

- Renewal of Membership every year is tedious.
- Also membership retention is difficult.. New members are added but renewal is not happening for all members, particularly student members
- Computer Society offers free access to Digital Library for student members for \$8 while Communications Society membership fees is \$17 with limited access.

# Suggestions

- Chapters can organise Conferences instead of being technical sponsors alone to Conferences organised by Colleges / Universities.
- This would also give the office bearers experience in organising conferences, which in turn would help them in bidding for COMSOC flagship conferences.

# Suggestions

- A congress of volunteers can be organised every year at Section level and National Level for more interactions.
- Student Membership should be focused more upon since they are the future professional members.
- A separate membership grade for research scholars can also be considered.

# Plans for COMSOC Madras Chapter

- Madras Chapter would bid for the IEEE ANTS to gain the experience for bidding to IEEE ICC & GLOBECOM in the years 2021 and 2022.



