IEEE Hyderabad Section

IEEE COMMUNICATIONS SOCIETY
Hyderabad Chapter

IEEE Signal Processing Society

IEEE

Chapter Slate

		2015	
	2014	Name	Affiliation
Chair	Zafar Ali Khan	N.Venkatesh	Redpine Signals
Vice-Chair	N Venkatesh	GVV Sharma	IIT Hyderabad
Secretary	MV Krishna Rao	Kasyapa Balemarthy	OFS Optics
Treasurer	Kasyapa Balemarthy	Sanjeev Nimishakavi	Qualcomm
Member		D Nagaraju	Matrusri Eng. College

Membership Statistics

Category	No. of Members
Fellows	2
Senior Members	28
Members	111
Student Members	121
Total	**262**

- Major affiliations:
  - IIT H, IIIT-H, BITS Pilani Hyderabad, NIT Warangal, Osmania University, JNTU
  - Qualcomm, Defence Labs, TCS, Amazon, Google

Programmes

- Flagship Programme:
  Alexander Graham Bell Memorial Lecture
  - 2011: Tapan K. Sarkar
  - 2012: UB Desai
  - 2013: Vijay K Bhargava
  - 2014: Prof. P Vijay Kumar
- DLs, Technical Lectures, Workshops, and Online Quiz

2014 Programme Summary

No.	Date	Name of Event	Speaker(s)	Topic
1	05-Jan-14	Comsoc volunteers' meet		
2	01-Feb-14	First Communications Colloquium	Dr. MV Krishna Rao Dr. Kasyapa Balemarthy N.Venkatesh	Signal Processing is Everywhere Fiber Optic Communications: 100Gbps and beyond Semiconductors and Embedded Systems - Technology and Career Prospects
3	15-Feb-14	Technical Lecture (Jointly with CIS)	Prof. Andre Rossi	Lifetime maximization for Wireless Sensor Networks using video cameras
4	26-Feb-14	Signal Processing Colloquium	Dr. KMM Rao, Dr. MV Krishna Rao	Advances in Medical Image Processing Signal Processing Versus Image Processing
5	03-Mar-14	AG Bell Memorial Lecture	Prof. P.Vijay Kumar	Coding for Distributed Storage - Two Recent Approaches
6	25-Mar-14	Technical Lecture	Dr. MV Krishna Rao	Overview of Signal Processing Techniques
7	03-Apr-14	Technical Lecture	Dr. S.M. Ahmed	Chandrayaan-I, Stepping stone for Indian Mars Orbiter Mission
8	04-Aug-14	Technical Lecture	Prof. Narasimha Reddy	Evolution of Botnet Threat
9	04-Sep-14	DLT	Prof. Sumit Roy	White Space Networking: Integrated Sensing and Database Architecture
10	05-Sep-14	DLT	Prof. Sumit Roy	White Space Networking: Integrated Sensing and Database Architecture
11	05-Sep-14	DLT	Prof. Sumit Roy	Distributed OFDMA in Small Cells
12	15-Sep-14	Tutorial	Miroslav Skoric	Tutorial on Amateur Radio Communications
13	16-Sep-14	Workshop	Miroslav Skoric	Workshop on Amateur Radio Communications
14	20-Sep-14	Technical Lecture	N Venkatesh	Energy Efficient Wireless Communication in Battery-operated Devices
15	22-Dec-14	Technical Lecture	Prof. Panos Papamichalis	Advanced Computational Imaging: Super-Resolution and 3D Acquisition Using Active Illumination

2015 Plans and Other Items

- 2015: Five DLs arranged
- Challenges
  - Insufficient industry involvement and support
  - Lesser focus on communications at the PG and research levels, compared to some other streams
  - City sprawl makes it difficult for participants to attend events
  - Hyderabad Section serves a wide geographical area
    - Partial remedy to the above two: most programmes are now video recorded and made available to all via Section website

Thank you