



Summary of Activities: ComSoc Bangalore

➤ **IEEE ComSoc Bangalore –**

➤ **People Involved:**

- ***Chairman – Dr. T Srinivas, IISc***
 - ***08 ExeCom Members***
 - ***Well supported by Mohammed Munir from IEEE Office, Bangalore***

Recent Activities

WORKSHOP:

➤ **Software Defined Networks (SDN) @ (CMR Institute of Technology)**

- ❑ 2 Days (Aug 2014)
- ❑ All speakers from Industry working in this Area.
- ❑ A range of topics from the need, prospect and NFV technique.
- ❑ Participants – Over 102 (mostly from industries)
- ❑ They were also introduced to the IEEE initiative on SDN world wide. As such, many got associated with the group.

Recent Activities: Workshop...

➤ **Amateur Radio** @ BMS College of Engineering

❑ **2 day Amateur/HAM Radio (Sep 2014)**

❑ **Prof: Miroslav Skoric**, Faculty of Technical Sciences, University of Novi Sad, Serbia, from IEEE Region 6; 20 years of practice in the amateur radio digital communications, maintaining various types of amateur radio bulletin board systems with VHF/HF radio.

The workshop included the following **sessions**:

- Introduction to Linux
- Introduction to Amateur radio
- Description of Packet radio, Repeaters etc.,
- E-mail servers, Satellite modes
- Hardware (Modems)
- Softwares (Windows, Linux, DOS)
- Amateur Data Communications at Academic Institutions
- Lab Test, Video Clips

Recent Activities: Workshop...

➤ Big Data and Smart Devices (Internet of Things (IoT) – Challenges & Opportunities

□ 2 Days (20-21 Nov. 2014) @ Wipro Auditorium

Highlights:

The workshop included:

- ❖ Tutorials on Big Data from Center for Development of Advanced Computing (C-DAC), and
- ❖ Smart Devices (IoT) from Robert Bosch Centre of Cyber Physical Systems (RBCCPS, IISc) and Chief Technology Office, Wipro.
- ❖ **Astrid Zuurbier** of The Netherlands Organization for Scientific Research gave a detailed overview of how NWO engages with the international ecosystem in advanced technology areas

Recent Activities: **Conference**

➤ **SPCOM 2014** @ IISc, Bangalore

July 2014

- ❑ IEEE ComSoc Bangalore Chapter Technically co-sponsored SPCOM 2014

Highlights:

- ❑ Three plenary
- ❑ Thirty-eight invited speakers from around the world.
- ❑ Six tutorials
- ❑ 91 contributed papers this time, the final acceptance rate being about 22%.
- ❑ The proceedings accessible via IEEE Xplore.

Recent Activities: Conference..

➤ **Transcending Asian Borders (TAB) 2014:**

International conference organized by *Asian Arab Chamber of Commerce and IEEE Bangalore Section*

- Highlighting trade, Information and Business opportunities in Asian and Arab region.
- Over 500 delegates, Ambassadors, Foreign Direct Investors, Young Entrepreneurs, Government officials, CEO's, Bureaucrats, Decision makers. With over 10 countries participating,
- Ravi Kiran, Chair of IEEE Bangalore Chapter was one of the speaker/panelist in the conference. IEEE activities were discussed with Ambassador of Bosnia & Herzegovina

Conference: TAB ...



IEEE Student Engagements/Tech Talks

IEEE Awareness & Student engagement programs along with Tech Talks were organized by IEEE Communications Society Bangalore Chapter at the following centers:

- **Electromagnetic Spectrum, Landscape of Wireless Communications** by Mr. Radhakrishna Arvapally, Lead Architect, Alcatel-Lucent at IIT-Bangalore in June 2014

- **Wireless route optimization in IEEE 802.11s and Path Selection** by Dr. Soma Pandey at BMS College of Engineering in Oct 2014

- IEEE Student benefits and awareness programs conducted by Munir Mohammed and Dr. Navin Kumar at Amrita College of Engineering, By Munir at Brindavan College of Engineering,

 - HKBK College of Engineering,

 - Kristu Jayanthi Institute and Cambridge Institute of Technology in 2014

- Future of Technology by Dr. Roberto De Marca, IEEE President at IISc, Bangalore

IEEE Student Engagements/Tech Talks ...



Other Activities

➤ **Regular ExeCom Meeting:**

- ComSoc Bangalore ExeCom regularly meets PHYSICALLY every Alternate Month and Tele Conference every month. This allows up to date planning and keeps all members active.

➤ **LOCAL DLT:** We are forming local DLT of experts (already some of us are there) and started expert/distinguished lecture within Bangalore and Karnataka. We will be extending this slowly to neighbour states and in India

Other Activities ...

Industry Relations

IEEE Communications Society Bangalore Chapter has extended the engagement with multiple industries such as Alcatel-Lucent, Wipro Technologies, IBM India and Ericsson Research India.

Industry Relationships:

- 2 way dialogs with the industry focusing on what the industry wants to achieve with IEEE engagement
- Inducting Industry professionals to be part of ComSoc Chapter ExeCom
- Tech Talks at Academic Institutions by Industry professionals 1/month to bridge gap between Industry and Academia
- Industry outreaches encouraging various levels of engagement with IEEE and Society activities

Initiative To Host IEEE ComSoc Flagship Conference

- Expression of Interest (EOI) was presented to IEEE HQ Governing body at ICC Sydney in June 2014 by Dr. Navin Kumar to host ICC/GLOBECOM in India.

We All from INDIA and Indian Residing Abroad have to be the part of this MEGA EVENT from the beginning.

I INVITE YOU to share your input and Volunteers for Organizing Committee.

Thanks !!!
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