I am happy to share that many activities were organized in last 4 months. Women’s Day programme was organized to provide awareness about Women in Engineering and Women Tech Makers and various avenues that IEEE Provides for them. Workshop on Medical Internet of Things, Distinguished Lecture on “Condition Monitoring of Oil-Paper Composite Insulation System of Transformers”, Preliminary round for SS12 2017, Industrial Visit to TCS, Technical Competitions for students were organized in last four months and were attended by large number of participants.

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Dr. Neha Sharma
Editor, IEEE Pune Section Newsletter
Publication Chair, IEEE Pune Section

Editor’s Note

Dear IEEE Pune Section members,

An important part of business communication is giving feedback, applying correction and adopting discipline in teams we work with. In order to develop our team to make their highest potential contribution to the organization, we must give them regular feedback on what they are doing right and where they can improve. Each one of us must practice the following:

1. Constructive Criticism.
2. Focus on the Behavior.
3. Thinking About the Future.
5. Aim for Improved Performance

A good mix of planning, execution and outcome has been witnessed in the past four months (May-August 2017). Under the leadership of Prof. G. S. Mani, Chair, IEEE Pune Section, all the Executive members are working in cohesion with an objective to provide maximum benefits to students and other members. We understand that the membership benefits can be exponentially improve only by the active involvement of all of us in the building communities.

Number of meetings were conducted at all the levels (Execom, Student Branch Counselors, Section students Representative, Student and Faculty members) to brainstorm and plan the activities that will provide better and regular platform to the students to showcase their technical skills.

Few attractive initiatives which are under consideration are Volunteering for National Digital Literacy Mission and Project Mentorship Programme. Special programmes like ROBO module, Antenna making, Mobile application, Online courses on IOT, ethical hacking, Cyber security, Android TV app. etc, are under discussion, to be exclusively designed for IEEE Student members with an objective to pass on more membership benefit to the students. The dream is to have all the members and stakeholders engaged extensively in IEEE activities.

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Vision statement
IEEE will be essential to the global technical community and to technical professionals everywhere, and be universally recognized for the contributions of technology and of technical professionals in improving global conditions.

Mission statement
To foster technological innovation and excellence for the benefit of humanity
IEEE Women In Engineering (WIE) Women’s Day Celebration

A Women’s Day programme was organized to provide awareness about Women in Engineering and Women Tech Makers. It was organized at PCCOE at Akurdi for girl students and female faculty members in collaboration with IEEE Pune Section WIE and WTM. Total 19 faculty members and 37 students had participated in this programme. Dr. Rajashree Jain, Vice Chair, WIE, IEEE India Council and Secretary, IEEE Pune Section and Ms. Lekha Pankulangara, IEEE WIE Pune Chair-2017 were present at the programme. An overview session on “IBM Watson APIs” was conducted by Mr. Swanand Gadre, Advisory Software Engineer, IBM.

Workshop on Medical Internet of Things

IEEE Workshop on Medical Internet of Things was organized by Computer Department of Vishwakarma Institute of Technology, Bibwewadi, in association with IEEE India Council, IEEE Pune Section, IEEE Comsoc Society on 27-30 July 2017. The workshop was properly designed to provide the concept, application and hands on exposure to the participants. There were around 50 participants including students, faculty members and industry participants from across the state of Maharashtra.

The speakers touched upon the topics like Medical IoT : Challenges and Way forward, Privacy and Security Solutions for IoT Healthcare, Emerging e-Health IoT Applications, and many more. Hands on session using Raspberry Pi and development of few applications were the highlight of the workshop.
IEEE PES / IAS Chapter of Pune Section and Department of Electrical Engineering, PVG’s COET, Pune had organized a Distinguished Lecture on “Condition Monitoring of Oil-Paper Composite Insulation System of Transformers” by Dr. Sivaji Chakravorti, Director, NIT, Calicut and Professor of Electrical Engineering (on lien), Jadavpur University, Kolkata. The DL was organized on 29 July 2017 at PVG’s COET Auditorium and attended by approximately 50 participants including IEEE members, UG/PG/PhD Students, Academicians and Industry people.
IEEE Pune Section and TCS has initiated an Academia-Industry Collaboration for the mutual benefit of both academia and industry. A Tour of TCS Sahyadri Park facility was organized as first activity on 22 August 2017 from 10.00 am–5.30 pm, for faculty members of various colleges of Pune.

SS12 is a Coding and Making Challenge jointly organized by Madras IEEE Education Society, Project Possibility and real Breakthrough to realize the Practice Based Education. It is hosted in partnership with IEEE sections, Universities and leading technology industry companies. IEEE Pune Section is had conducted the Prelims for SS12 2017 on 04 August 2017 from 10.00 AM—1.00 PM at International Institute of Information Technology, (ISQUAREIT), Pune. The Winner team would participate in the next round.

IEEE and TCS Collaboration

IEEE and TCS: An Academia-Industry Collaboration

A Tour of TCS Sahyadri Park Facility

IEEE and TCS has been contributing towards driving academic excellence with enhanced technical capabilities. In this regard, TCS has been undertaking initiatives that support several initiatives that benefit members across the world belonging to varied industries and academic communities.

As part of this collaboration, TCS has organized a one-day tour of the TCS Sahyadri Park facility for external leadership and faculty members of various engineering colleges in Pune.

Accommodation of this tour, we will:
- Showcase TCS’s comprehensive business expertise and technology capabilities
- Provide exposure to emerging fields such as Internet of Things (IoT), Artificial Intelligence (AI), Robotics, Machine Learning, Big Data, and Analytics
- Demonstrate technology in solution to address problems and needs in different business domains
- Provide an opportunity to interact with some of the thought leaders and technical innovators in TCS
- Serve as a forum for tapping into potential areas of collaboration between TCS and engineering colleges
- Explore possibilities of joint CSR projects

Schedule

Date: Thursday, August 31, 2017

1. 11:30 am—12:00 pm: Networking
2. 12:00 pm—1:00 pm: Lunch
3. 1:15 pm—2:15 pm: Introduction to TCS
4. 2:15 pm—3:15 pm: Campus Tour
5. 3:15 pm—4:15 pm: Group Photograph Session and Event Closure

Venue for the event:
Tata Consultancy Services, Sahyadri Park, Phase 2, 3/1, Raja Dhamoni Bypass, Pune, Maharashtra, Phase 3, Pune 411027.
Glimpses of IEEE-TCS: An Academia-Industry Collaboration

Inputs from Experts on wide range of Topics

Technical Stalls and Interactions
IEEE Student Branch of AISSMS IOIT had organized Technical Competitions — Zenith 2017 on 23-24 August 2017. The objective of the programme is to provide common platform for students of all departments of IOIT and to give wide opportunities to all students for developing their technical skills. Competitions were based on themes like digital India, Global warming, new technologies in industries, save earth, etc. Dr. Arvind Saligram, Registrar, SPPU, Pune was the chief guest for valedictory function. Total 607 participants had participated in various technical competitions, in which 10 participants were IEEE members.

Membership Awareness Session

IEEE Pune Section has expanded its horizon to reach out to and help students and faculty members of KIT College of Engineering. There were around 250 students participated in the awareness programme conducted by Dr. Neha Sharma. Students were keen to understand the benefits of IEEE Membership.
**Student Branch Counselors' Meet**

The meeting of IEEE Student Branch Counsellors and Mentors was held at **2.30 pm** on Friday, **16th June 2017**, in Conference hall of AISSMS’s IOIT, Kennedy Road, Near RTO, Pune 01. The meeting was presided by Dr.G.S.Man, Chair, IEEE Pune Section, in the presence of Dr.P.B.Mane, Student Activity Chair, IEEE Pune Section, few EXECOM members, Student Branch Counsellors (from AISSMS (IOIT), JSPM (BOTR), MCOE, GHRIET, SCO), few Faculty Members (from MCOE, VIIT, MIT(AOE)) and Invitees from TCS and PCC, Pune. Following points were discussed in SBC Meet:-

1. Participation of student members in National Digital Literacy Mission (NDLM).
2. Membership motivational lectures can be arranged in various colleges on regular basis.
3. Conduct various activities for IEEE student members such as:
   - ROBO module,
   - Antenna making,
   - Mobile application,
   - Online courses on IOT, Ethical Hacking, Cyber Security, etc.
   - Android TV app. etc.
4. Give 50 % concession in registration fees will be given to IEEE members participating in activities.

**EXECOM Meet**

IEEE Pune Section Execom meets every month religiously. But, the meeting conducted on **29th July 2017** was special as we had Dr. Sivaji Chakravorti, Chair, IEEE India Council, present for the meet. Sir shared the initiatives taken at India Council level for the betterment of humanity. The section had organized dinner in the honour of Dr. Chakravorti.

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**Facts and Figures**

IEEE’s worldwide membership at the end of last year reached a record high of 429 085. That represents an increase of 13 096, or a little more than 3 percent as compared with 2011.
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