

IEEE Oman Section Report April 2013

1. Highlights from the past

- IEEE Oman section in cooperation with the Oman Society of Engineers organized the technical seminars “Non-Destructive Testing (NDT) and Information Security Management System (ISMS) in Industrial Environments with guest speakers Dr. Ing. Oliver Weissmann and Mr. Anil Kumar from TUV Rheinland
- IEEE Oman Section initiated the Self-Driving Car Competition in an attempt to contribute to the national efforts on traffic safety awareness and reduction of road vehicular accidents
- IEEE Oman Section organized/supported the following IEEE-Students branch activities:
 - Membership Campaign Drives at SQU, CCE and ICT
 - Leadership Camp at ICT
 - Industrial Visits
 - Oman Electrical Transmission Company and Shanfari Marble Company by CCE
 - Oman Cement Corporation and Oman Air by ICT
 - Technical Seminars, Workshops and Guest Lectures at the different student branches
 - Computer Maintenance and Sensors & Measurements at SQU
 - Generation, Transmission and Distribution of Electrical Power and Global Warming - Effects & Impacts at CCE
 - Electronic Circuit Troubleshooting, Neuro-Linguistic Programming (NLP) and Fuel Cell Technology at ICT
 - MATLAB, Simulink & PSpice at SQU & ICT
 - JAVA, UNIX, Visual Basic, Microcontroller and Android Programming at SQU, CCE & ICT
- IEEE Oman section co-organized, contributed, and participated in the following symposia:
 - Symposium on “Best Practices in Teaching and Learning” at Al Musanna College of Technology
 - Symposium on “Emerging Trends in Advanced Computing” at Ibri College of Technology

2. Future activities

- IEEE Oman section & PES-Oman Chapter are planning to organize the following events:
 - International Conference on Harnessing Technology
 - Forum on Smart Grid – Challenges and Perspective for Oman Electricity Sector
 - 8th IEEE GCC Conference
- IEEE Oman section in coordination with the Student Branches is planning to organize the following activities:
 - National Student Paper and Project Competition (STEPS 2013)
 - National Electrical & Electronics Engineering Quiz Competition (squEEEze 2013)
 - Student Branch Leadership Congress

3. Best practices

- IEEE Oman section along with Oman Society of Engineers is involved in the process of Electrical Engineers Classification Program.
- Representatives from IEEE Oman section are involved in the review panel of Oman Grid and Distribution codes.
- IEEE Oman section joins in the National Effort for Traffic Safety Awareness and Reduction of Vehicular Accidents

4. Points of concern/Topics for Future Discussion

- Challenges & difficulties confronted by young Omani electrical engineers in the field.
- The accreditation of Electrical Engineering programs in local universities, colleges and institutes.

5. Miscellaneous

- Dr. Ahmed Al-Naamany, Section Chairman, delivered the keynote address in the Symposium on Best Practices in Teaching & Learning at Al-Musanna College of Technology
- IEEE Ibri College of Technology Student Branch won one of the three major awards in the 1st National Student Creativity Forum in the Sultanate of Oman
- IEEE University of Nizwa Student Branch was formally organized