

IEEE Oman Section Report March 2012

1. Highlights from the past

- IEEE Oman section and PES Oman chapter organized the following technical seminars:
 - The Role of Renewable Energy in Mitigating the Need for Large Central Station Power Plants, by Prof. Saifur Rahman, Virginia Tech
 - The Smart Grid and What is Needed to Make it a Reality, by Prof. Saifur Rahman, Virginia Tech
 - FACTS Solutions for the Heavy Industries and their Influence on Transmission & Distribution Grid, by Himanshu Gole, ABB
 - Reactive Power Control & Stability, by John Bailey, Anglian Power
 - Research Apporunity & Challenges in Gulf Countries, Ahmed Al-Naaamany, Global Computer
- IEEE Oman Section organize/support the following IEEE-Students branch activities:
 - Electrical Engineering Orientation Ceremony at Sultan Qaboos University Student Branch
 - Membership drive at Caledonian College of Engineering Student Branch.
 - Seminar about the benefits of IEEE membership at Ibra College of Technology
 - Students Paper and Project Competition at Ibra College of Technology
 - Leadership training program at Ibra College of Technology
- IEEE Oman section co-organized, contributed, and participated in the following conferences:
 - The 6th IEEE GCC Conference and Exhibition, Feb. 19-22, 2011, Dubai, UAE
 - International Conference on Harnessing Technology, Feb. 13-14, 2011, Muscat, Oman

2. Future activities

- IEEE Oman section & PES-Oman Chapter are planning to organize the following technical seminars:
 - Advancement in Measurement Technologies and Applications, by S. Forsyth & M. Joussemet, Agilent Technologies
 - Information Technologies – Recent Trends, TBA
 - Introducing the latest wireless technologies, TBA
 - Renewable Energy and the future in Oman, TBA
 - Efficiency of Combined-Cycle Power Plant and Co-Generation.
- IEEE-Oman Section & PES-Oman Chapter are planning to organize a Forum in Smart Grid – Challenges & Prospective for Oman Electricity Sector, TBA

3. Best practices

- IEEE Oman section involved along with Oman Society of Engineers in the process of Electrical Engineering Classification Program.
- Representatives from IEEE Oman section are involved in the review panel of Oman Grid code and Distribution code.

4. Points of concern / Topics for future discussion

- Challenges & difficulties that faces young Omani electrical engineers in the field.
- The accreditation of electrical engineering program in the local institutes.

5. Miscellaneous

- Dr. Amer Al-Habsi & Dr. Amer Al-Hinai, have been recognized as Pioneers of Engineering in the Engineering Gulf Gathering, Bahrain, November 2011
- Dr. Amer Al-Hinai, member of IEEE-Oman section has been appointed to serve as a board member in the Authority of Electricity Regulation – Oman.
- Dr. Amer Al-Hinai, member of IEEE-Oman section has been appointed to review a local institute BS Electrical Engineering program.