

Suggested Section Report Format

IEEE REPUBLIC OF THE PHILIPPINES SECTION

PART A - SECTION SUMMARY

A.1 Executive Summary – containing the major event, achievement and highlights.



Most Promising Design.

The IEEE Philippines Section was able to hold the following activities in 2008:

- **Microcontroller Applications Design Competition.** This was participated in by students from at least 10 different schools all over the country. The student designed mobile robots and participated in a competition where these robots race on a predetermined track. The Open Design category of the competition gave out several awards, including Most Commercializable and



- **Distinguished Lecturer Seminar of Prof. Sivaji Chakravorti** in the IEEE Annual National Convention. Prof. Chakravorti talked about monitoring and maintenance of oil-based transformers and efforts in his group to develop systems for cost-effective diagnosis and analysis of such ageing infrastructure.



- **Membership drive in Cebu province** through the Membership development grant (MDG), with Dr. Jose B. Cruz, IEEE Life Fellow, as speaker. Prof. Cruz talked about the Engineering Challenges of the current century and inspired students and engineers to use the IEEE as a venue for applying technology to solve many of these problems.



- **Sumobot competition, Mobot race and technical seminars** in De La Salle University Manila through the Section Support via Region (SSVR) funding
- **Re-launched the University of the Philippines Diliman Student Branch**
- **Currently forming the De La Salle University Manila Student Branch**
- **Launched a Senior Membership drive**

- **and was able to successfully elevate a record number of members in 2008**
- **Worked with the IIEE and the IECEP in promoting joint technical activities in the Philippines**
- **The IEEE Philippines Section was also cited by outgoing R10 Director Janina Mazierska for being in the list of Sections in R10 with top voting percentages in the recent IEEE elections.**
- **The IEEE Philippines Section achieved the highest percentage increase in Senior Members in 2007 and are aiming for the same honor in 2008.**
- **The IEEE Philippines Section has bid for TENCON 2012 to be held in Manila, Philippines and for the R10 meeting in 2010 to be held in Cebu, Philippines.**

A.2 Financial Report – containing the summary of the Financial activities and summary of the Section

The Philippines Section remains in good financial health. Revenues and expenses for 2008 was about the same at approximately US\$12,000.00. Expenses increased due to the volume of activities and meetings organized by the Section in 2008. The net worth of the Section, however, was maintained from 2007.

PART B - ORGANIZATIONAL ACTIVITIES

B.1 Membership Development Programs

- Launched a Senior member elevation drive and successfully elevated 10 members as of end 2008.
- Organized an IEEE Philippines Section membership drive in Cebu with the aim of reaching out to engineers and students in the “Queen City of the South” of the Philippines. Cebu is home to many technology companies in the export processing zone and also good Universities in engineering and sciences.
- Organized a membership drive campaign during the IECEP national convention held in Davao City, Philippines. IECEP is the national technical society of licensed electronics engineers in the Philippines. A framework for joint cooperation in technology and continuing education is currently being pursued.

B.2 Professional and Continuing Education Activities

- Organized a Distinguished Lecturer Seminar, with Prof. Sivaji Chakravorti of the PES as resource speaker.
- Organized a technical seminar on Game Theory with Prof. Jose B. Cruz, IEEE Life Fellow, as resource speaker.
- Organized a technical seminar on Computational Intelligence Applications with Prof. Pros Naval as resource speaker.
- Organized a technical seminar on RF and wireless communications trends, with Prof. Joel S Marciano Jr as resource speaker.
- Organized a technical seminar on Digital Signal Processing applications for speech, with Prof. Franz de Leon as resource speaker.
- Presented a technical seminar on Research Activities in Wireless Communications at the University of the Philippines for the IECEP National Convention, with Prof. Joel S. Marciano Jr. as resource speaker.

B.3 Recognized Educational Programs

- Organized several technical seminars for students on the topic of microcontrollers, Mobile Robots and Sumobots.

- Organized several technical hands-on workshops for students on Mobile Robots and microcontroller applications.
- Organized a seminar for students on “Technical Writing”.

B.4 Students Activities

- Re-launched the University of the Philippines Diliman Student Branch and currently setting up the De La Salle University Student Branch

B.5 Awards

- No awards program was implemented by the Section in 2008. Recognition for outstanding volunteers and new Senior Members shall be organized in mid-2009 in line with the Section's celebration of the IEEE's 125th anniversary.

B.6 Chapter Activities

- Currently setting up the Power and Energy Society Chapter
- Initiating efforts to organize the joint Communications and Computer Society Chapter

B.7 E-mail and Newsletter Activities, Home Page

- The Section maintains an email list to keep in touch with members. Announcements regarding Section activities and information drives are regularly posted in this medium.

PART C - OTHERS

● C.1 Relationship with National Societies

The Philippines Section maintains a memorandum of agreement with the following technical societies in the Philippines:

- **The Institute of Integrated Electrical Engineers (IIEE)**
- **The Institute of Electronics Engineers of the Philippines (IECEP)**
- **Philippines Electronics and Telecommunications Federation (PETEF)**
- **C.2 Special Events**
 - **Launch an information campaign of the IEEE Humanitarian Technology Challenge (HTC)**
- **C.3 Problems to be Anticipated**
 - **As always, encouraging members in the Philippines to maintain their IEEE membership is a challenge, especially in light of the current global financial crisis where people tend to prioritize their expenses.**

PART D - GOALS AND PLANS

- 1) **Reach the 300 active members in the Philippines milestone**
- 2) **Organize students to participate in the IEEE President's Challenge**
- 3) **Organize a technical seminar, outreach activity and awards night for volunteers in line with the IEEE's 125th Anniversary celebration.**
- 4) **Conceptualize and propose projects under the IEEE Humanitarian Technology Challenge program**
- 5) **Successfully bid for the 2010 R10 meeting in Cebu, Philippines**
- 6) **Successfully bid for the IEEE TENCON 2012 in Manila, Philippines**