

Director's Message

It is indeed a pleasure and honour for me to be elected to serve as the Director of IEEE Region 10, the largest region in IEEE. My term in office will be from 2009 to 2010.

First of all, I would like to commend Professor Janina Mazierska for her leadership and achievements as the Region 10 Director for 2007 – 2008.

Secondly I wish to congratulate Professor Lawrence Wong for being elected as the Region 10 Director-elect for 2009 – 2010.

The IEEE is the world's largest technical professional association with a membership of 382,400 and annual budget of \$330 million. It employs approximately 1,100 staff and is supported by around 200,000 volunteers. IEEE is divided into ten regions, Region 1 – Region 10. The Region 10, also known as the Asia-Pacific Region, is the largest region in IEEE with a membership of 73,662 as of December 2008, which corresponds to 19% of the whole membership. It has achieved a growth rate of 9.7% since 2007. Currently we have 66 Sections and Subsections and there are 535 Student Branches and 329 Chapters. As the incoming Director of this largest region, I would like to emphasize the followings as my priorities during my term:

- Providing more benefit to members:
Region 10 will actively work on professional activities because our members do not have benefits in comparison with US members such as insurance and credit cards. Fortunately, IEEE Member and Geographic Activities Board set up this initiative. At the same time, the Humanitarian Technology Challenge Initiative was created in IEEE HQ to seek a systematic approach for applying technology to solve disasters and health problems. Region 10 will be proactive to this, as well.
- Focusing more on Fellow and Senior Grade Membership growth in Region 10 because our ratio of the number of Senior and Fellow members to regular members is below the world average.
- Taking more care of our large number of Sections and Chapters
- Making R10 Homepage more informative and
- Enhancing Technical Activities by holding more technical seminars and distinguished lecture programs in our region.

In January 2009 the renewal rate of the whole IEEE membership was 64.2% in spite of 76.8% at the same period of last year. In Region 10 it was 54.4%, which happens to be the second worst case among all regions. Although this could be as a result of downturn of world economies, I would like to see an improvement in membership renewal in Region 10. IEEE will provide lists of non-renewed members to Section Chairs so that they can approach these members to renew their membership.

I would also like to mention here our participation rate in IEEE elections of last year. For the first time ever Region 10

In this Issue**Director's Message****Region 10 News & Announcements**

Announcements

The R10 EXCOM Meeting 2009

The 2009 R10 Annual Meeting in Hanoi, Vietnam

The First IEEE Region 10 Distinguished Seminar
TENCON 2008**R10 Councils & Sections News & Highlights**

IEEE Taipei Section

IEEE Gujarat Section

IEEE Daejeon Section

IEEE Madras Section

IEEE Western Australia Section

IEEE Queensland Section

Student Branch News

IEEE ISTAR Student Branch, Gujarat, India

IEEE Student Branch, BRAC University Bangladesh

IEEE University of Moratuwa Student Branch, Sri Lanka

IEEE Student Branches at Hyderabad Section

- IIIT Hyderabad Student Branch
- IEEE ATRI Student Branch
- IEEE Student Branch NITW
- IEEE Student Branch VBIT
- IEEE Student Branch SNIST
- IEEE Student Branch Vaagdevi College of Engineering
- IEEE Student Branch Jayamukhi Engineering College
- IEEE Student Branch DIET
- IEEE Student Branch GRIET

**Upcoming IEEE Conferences in Region 10
EXCOM 2009**

voting percentage of 15.89% was higher than all region average of 15.43%. To continue to encourage our members to vote in the IEEE elections I have decided to again offer bonuses to Sections with the highest voting percentage in 2009. I hope Section Chairs will make special efforts to win these bonuses by encouraging members in their Sections to cast vote.

IEEE is celebrating its 125th Anniversary this year. It is indeed very heartening to see that out of eight Sections selected to hold celebrations sponsored by IEEE HQ, three are from our region. They are Bangalore Section in India, Beijing Section in China and the Tokyo Section in Japan. As part of these celebrations Region 10 will be holding 125th Anniversary Region 10 Student Congress on July 16-19 in Singapore. This will be an international event and we expect

students from all over the world to participate in it. We'll also be financially supporting Sections in Region 10 who wish to hold their own 125th Anniversary events. For more information about the 125th anniversary celebrations activities in the world, please visit: <http://www.ieee125.org/>.

Yong-Jin Park
Region 10 Director

R10 Announcements

R10 Student Activities, Contests & Awards for 2009

Dear Council, Section & SAC Chairs, and Student volunteers,
I am happy to announce the first set of R10 SAC activities/contests/awards lined up for 2009.

1. IEEE 125th Anniversary R10 Student Congress, 16 – 19 July 2009, Singapore
2. PG & UG Student Paper Contests: Deadline 31st March 2009
3. Branch Counsellor's Congress proposals: Deadline 31st March 2009
4. Larry K. Wilson Award Deadline 31st March 2009
5. R10 Outstanding Student Branch Award & Exemplary Student Branch Certificate: Deadline 31st March 2009
6. The R10 website contest deadline 15 April 2009, please see details on page 3.

For details about all R10 coordinated student activities please visit Student activities page at the R10 website at

http://www.ewh.ieee.org/reg/10/Student_Activity/Student_Activity_Main.htm

Mini Thomas
R10 SAC

Region 10 Incentives for Membership Development Programs in 2009

1. Section Incentive Program

R10 MD Committee will select top 5 Sections where the overall membership growth in the Section is higher than the previous year. Each of these Sections will be awarded with \$200 for its promotion activities.

2. SMEC Program (New Project) - Senior Membership Elevating Committee

The R10 Sections are urged to form a Senior Membership Elevating Committee if there is no such committee in the Section to promote and help its members to elevate into a higher grade members.

R10 MD Committee will select top 10 Sections where higher grade membership growth in the Section is higher than the previous year. Each of these Sections will be awarded with \$200 for its promotion activities for higher grade membership growth in the year.

For information please contact R10 by email at:

ieec.apo@ieee.org

Mengqi ZHOU
R10 MD Coordinator

IEEE 125th Anniversary R10 Student Congress 2009

"Sculpturing Student Leaders to Pioneer Sustainable Development"

To celebrate 125 years of IEEE the R10 Student Activities Committee is organising the IEEE 125th Anniversary R10 Student Congress 2009. The event is intended to bring together best IEEE student volunteers from Region 10 to meet, inspire, integrate, network and share ground breaking ideas. The confluence of student volunteers with experienced IEEE leaders during this special Student Congress aims to ensure the evolution of a dedicated team of student volunteers who will contribute to taking IEEE to a pinnacle yet to be achieved.

Venue: National University of Singapore, Kent Ridge Crescent, Singapore

Dates: July 16 - 19th, 2009

Chief Organizer: National University of Singapore

Co-Organizer: College of Engineering Chengannor (CEC), India

Theme: "Sculpturing Student Leaders to Pioneer Sustainable Development"

The Organizing committee welcomes student leaders from Region 10 and around the globe to come, interact and get motivated. Special events include World@2020, IEEE@2020, Senior Volunteers Bench, Leadership Workshops, Breakout/Training sessions and exhibitions. Enliven this event with your involvement. Registration is now open for the IEEE 125th Anniversary R10 Student Congress. Please visit <http://iee125sc.org>.

Make use of this Golden Opportunity to train your student leaders. Number of delegates limited to 150 only!! Section Chairs may kindly forward information to SAC Chairs, Student Branch Chairs, Branch Counsellors and all student volunteers in their Sections and encourage the most active student volunteers to register.

Please sponsor the travel & subsidized registration fee of at least 4 student delegates from your Section for this event.

Soliciting your full cooperation for this event, with a request to make the 125th Anniversary R10 Student Congress a memorable one!

Dr. Mini S. Thomas
R10 SAC Chair

Region 10 Educational Activities

Call for Proposal for EAC Support Fund 2009

R10 EAC committee invites you to submit proposals to bid for Educational Activities Support Fund. Educational activities include, but not limited to:

- Technical colloquium or symposium
- Soft skill education program
- Teacher In-Service Program (TISP)
- Accreditation Program

In the proposal, please specify

- Name of Chapter/Section
- Name of contact person
- Name of event: Technical/Soft Skill/Educational Outreach/Accreditation etc
- Date of event

- Objective of the event
- Benefits to members/community
- Number of participants: members/non-members
- Propose budget

Limit of Support for each proposal:

Technical colloquium - USD600

Soft Skill educational program - USD300

TISP – USD200

Deadline to receive proposals/bids: **March 31, 2009**

Please send your proposal to: Prof. Proadpran Punyabukkana

Proadpran Punyabukkana (proadpran.p@chula.ac.th)

R10 Educational Activities Coordinator

Call for Proposal to Organize R10 Technical Seminar

If your Section is interested to organize a Region 10 Technical Seminar, we would like to receive your proposal. Your Section's proposal should include:

1. The Section organizer's full contact details i.e. name, address, email address, telephone number
2. A tentative program, including a theme for the Technical Seminar, the date and time schedule
3. Location address with a map to venue
4. Estimated number of participants and
5. Estimated cost

Please see at R10 website a sample format of the technical seminar that you may use as reference guide to organizing the Region 10 Technical seminar.

Please send your proposal to Prof. Toshio Fukuda (tofukuda@attglobal.net) and cc. ieeepo@pacific.net.sg before **closing deadline: 15 April 2009**

Toshio Fukuda

R10 Technical Activities Coordinator

IEEE Foundation Announces New Humanitarian Technology Fund

The IEEE Foundation has established a new fund which will provide unique opportunities for engineers to make a real difference to people all over the world and especially in developing areas.

Through the awarding of grants, The *Humanitarian Technology Fund* supports projects that provide technological solutions to problems including health services, disaster relief, micro-financing, interactions with government, economic development, energy and communication. [Grants may be awarded](#) to IEEE units or outside organizations.

"I am honored to be a founding contributor to this fund in celebration of the IEEE 125th anniversary," said John Vig, IEEE President. "We hope the Humanitarian Technology Fund will inspire individuals and organizations to contribute to the fund, and to apply for grants for projects that use innovative technologies that will benefit humanity."

The Humanitarian Technology Fund is [accepting donations](#) online. Contributions to this fund will be dedicated to supporting humanitarian project grants, awarded by the IEEE Foundation, that use technology to improve the quality of human life. You may direct your questions to: donate@ieee.org.

Region 10 Student Branch Website Contest

The Region-10 SB Website Contest is yet another opportunity for student branches in Asia Pacific to interact and learn from one another.

Motivation behind this Website Competition:

- Electronic communications among IEEE members has been one of the IEEE main concerns during the recent times.
- It is very important for the IEEE student branches to communicate with their student members and other branches in an electronic way.
- Having a Student Branch Website is a good tool to achieve this goal.

R10 Website Contest (Rules and Guild-lines):

The judging criteria are on the IEEE Website.

http://ieee.org/web/membership/students/scholarshipsawardcontests/IEEE_Student_Branch_Web_Site_Contest.html

Details are also available at R10 SAC page

http://www.ewh.ieee.org/reg/10/Student_Activity/Student_Activity_Main.htm

1st Prize winner will automatically stand a chance for the IEEE Student Branch Web Site Contest organized by RAB.

At stage 1, each region holds its own regional Website contest.

(This stage is the Region 10 Website Contest.)

At stage 2, all regions including Region 10 submit the top entry to the IEEE Student Branch Web Site Contest.

The Region 10 Website Contest is once again open for submission.

- The deadline is brought forward to 15th April 2008.
- Please submit "Request for Participation Form" from interested student branch by 30th March 2008.
- R10 Website Contest Winning Categories includes:
- 1st Prize: US\$500 + Certificate + Qualify for Inter-regional Website contest
- 2nd Prize: US\$350 + Certificate
- 3rd Prize: US\$200 + Certificate
- Best New Comer Award: Certificate
- Merit Award (top 20% but subjected to change depending on participation) : Certificate

*Monetary award for this contest comes from Region 10.

Send application form to R10 RSR Om Perakash Batra opbatra2kn@gmail.com with copy to R10 SAC Mini S. Thomas mini@ieee.org

Criterion 1: Content

Note: Originality and presentation will not be judged in this category!"

Example: Contact information for Branch administration, each page has contact and date information, Information on Branch and related (department, section, etc.) activities, No copyright violations, reasonably proper grammar, spelling, and composition, Solid multi-lingual support, Content is proper for Student Branch audience, Content is reasonably "complete".

Criterion 2: Navigability

Example: No under construction links, All on-site links are working, Off-site links are fairly stable, Good logical structure used in the site, Easy to find information, Logical and tasteful use of keywords as hyperlinks, Judicious use of hyperlinks,

Use of navigation tools (search engines, navigation bars, site maps).

Criterion 3: Originality

Example: Unique and innovative content on the site, Unique and innovative presentation of "standard" material on the site.

Criteria 4: Overall Presentation

Example: Good layout of individual pages, Discrete, tasteful backgrounds, Discrete, tasteful, and useful scripts, Useful audio and/or video, Useful images and appropriately presented, Use of tables and other HTML elements as appropriate.

Criteria 5: Portability

Example: Web site supports text-only browsers, No use of fixed elements in Web pages, Page design considers variable screen size, Browsing the site locally has been possible.

Criteria 6: Load Time

Example: Image sizes are not excessively large (or alternative "high bandwidth" Web site is present), Reasonable amount of Javascript, animated GIFs, images, etc. are on each page, Script/multimedia execution time (if relevant).

Mini Thomas
R10 SAC

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Changes to Student Branch and Student Branch Chapter Formation Requirements

Hello SAC members,

I am pleased to let you know that as recommended by SAC and endorsed by MGA, the IEEE Board of Directors approved the change in signature requirements to form an IEEE Student Branch and an IEEE Student Branch Chapter at its February meeting. The new information is below:

A Student Branch shall be an operating organizational unit of IEEE constituted by a minimum of twelve (12) IEEE Student members at a particular college, university, or technical institute, or in unusual circumstances attached to a Section, and established with approval of MGAB by petition to the Region concerned to fulfil the mission of IEEE.

A Student Branch Chapter shall be a technical subunit of a Student Branch constituted by a minimum of six (6) Student members of a Society or group of societies and established by petition to the parent Student Branch and Society concerned to fulfil the mission of IEEE. A Student Branch Chapter functions in a manner similar to a committee of the Student Branch.

The administrative changes and modifications to the petition forms will be completed by 16 March 2009. Any new requests received in MGA administration are being processed using the new requirements.

Laura J. Durrett
Manager - Student Services
IEEE Member and Geographic Activities Department

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FEBRUARY BOARD MEETING SERIES HIGHLIGHTS

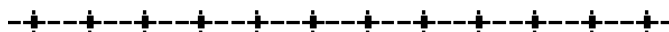
The following are highlights from the February Meeting Series in San Juan, Puerto Rico. The IEEE Board of Directors approved:

- the name change of the IEEE Lasers and Electro-Optics Society to the IEEE Photonics Society to better reflect its field of interest. The Society will also be launching a new, online publication, IEEE Photonics Journal;

- the IEEE Medal for Innovations in Healthcare Technology. The first presentation is scheduled to take place in 2010; the nomination deadline is 1 July 2009. More information at:

<http://www.ieee.org/portal/pages/about/awards/sums/healthcaretechmedal.html>;

- two new IEEE Milestones in Electrical Engineering and Computing, "Development of Electronic Television, 1924-1941" and "First Semiconductor Integrated Circuit (IC), 1958."



GOLD INVITES ALL MEMBERS TO JOIN IN A GLOBAL, VIDEO 125TH CELEBRATION

As part of IEEE's 125th Anniversary celebration, IEEE Graduates of the Last Decade (GOLD) have started their own virtual event by inviting members to create short, 10-second, video clips that will be connected to an anniversary video with worldwide participation. The Gold Around the World video makes it appear that IEEE's 125th Anniversary mark is being passed from person to person, and from place to place. The video and guidelines and specifications for making and posting video clips can be found at:

<http://www.goldaroundtheworld.com>

See what other activities are planned around the world on the new interactive events map at:

<http://www.ieee125.org/celebrate/events/calendar/index.html>



IEEE BRAND IDENTITY ONLINE TOOLKIT NOW AVAILABLE

The IEEE Brand Identity Toolkit was launched to explain the basic usage rules for all corporate identity elements and how to use them to create powerful and consistent communications pieces, while at the same time strengthening the IEEE brand. In addition to the IEEE Visual Identity Guidelines, the tool kit includes links to images of the IEEE Master Brand, letterhead and stationary templates and event/flyer templates that can be customized to promote local IEEE events.

The toolkit also includes a link to the "IEEE: One Voice" video, which IEEE volunteers and members are encouraged to use at conferences, events, presentations and meetings. The video is aimed at making those in the technology community feel proud to be part of IEEE, and encourage those who are not affiliated with IEEE to feel good about the contributions of technology to society. View the toolkit at:

<http://www.ieee.org/go/brand>

IEEE Contact Center

The IEEE Contact Center is conducting a pilot to determine better ways to service our members. During this pilot we are offering IEEE members residing in Region 8 and Region 10 (Europe, Africa and Asia Pacific), the option of having an IEEE Contact Center Representative call you during specific hours if a request is made through the Website. Call back hours are Sunday 6:00 p.m. ET to Wednesday 4:00 p.m. ET.

For further information please visit:

<http://www.ieee.org/web/aboutus/help/contact/autocallbackform.html>

Marc T. Apter (m.apter@ieee.org)
2009 Past-Chair MGA

R10 News & Highlights

IEEE Region 10 EXCOM Meeting 2009

The Region 10 EXCOM Meeting 2009 was held at the Royal Hotel, Macau, China on Jan. 10, 2009. The main goals for the meeting were a smooth handover from outgoing EXCOM to the incoming Executive Committee and planning for R10 activities in 2009 and 2010. Professor Yong Jin Park, the new Region 10 Director for 2009 - 2010, welcomed all the EXCOM members and invitees to this meeting. He introduced EXCOM members of 2008 and 2009 including advisory committee members as well as staff from APO Centre in Singapore. He thanked all the past EXCOM members who had served the Committee for 2008. He mentioned five focus items for his term of office:

- More benefit to members
- More higher grade membership
- More care for Sections/Chapters
- More informative R10 homepage
- Enhancing industrial relations.

He also noted 2009 is the IEEE 125th anniversary and Region should put a lot of effort to celebrate it with 3 selected Sections by HQ as well as Student Congress. He reported on the activities of China and India and tight budget of IEEE this year. Yong Jin Park thanked Janina Mazierska and her R10 EXCOM team for the great achievement in 2007-8, with special compliment to the outgoing committee members, Miki Yamamoto, Pingzhi Fan, Mahendra Shah, Isao Shirakawa, Lance Fung and Graeme Gwilliam.

All of the outgoing coordinators presented the progress made under their leadership and made suggestions and recommendations for the incoming coordinators to benefit from their experience. The new EXCOM 2009-10 members were also given the opportunity to present their plans for their portfolios. The EXCOM also deliberated on the R10 budget for 2009 and assisted the treasurer to put together a draft budget for presentation at the Annual R10 meeting in Hanoi, Vietnam on 28 Feb 2009.

The minutes of the R10 EXCOM Meeting 2009 and

photographs are available on the R10 website.

<http://www.ewh.ieee.org/reg/10/>

Kukjin Chun
Secretary, IEEE R10



EXCOM session on 10 Jan 2009



EXCOM 2008 and 2009 members at the Executive Committee meeting on 10 Jan 2009 in Macau, China

IEEE Region 10 Annual Meeting 2009

28 Feb – 01 March, Hanoi, Vietnam

Region 10 annual meeting was held from 28 February to 1 March 2009 at Melia Hotel, Hanoi, Vietnam. The meeting was attended by R10 Section and Council Chairs, R10 EXCOM members and distinguished guests from IEEE HQ and Region 8 Director Professor Jozef Modelski. The distinguished guests from IEEE HQ included IEEE President John Vig, IEEE Past President Lewis Terman, Vice President Member & Graphic Activities (MGA) Board Mr Joe Lillie, Vice President of Education Activities Board (EAB) Professor Moshe Kam, Vice President of Technical Activities Board Roberto de Marca and Cecilia Jankowski, Managing Director MGA.

The R10 Director and distinguished guests from IEEE HQ addressed the annual meeting in the morning session of the first day.

Professor Yong-Jin Park, R10 Director, welcomed all the delegates and distinguished guests at the 2009 R10 annual meeting. In his address Professor Park briefly presented the latest statistics about IEEE membership worldwide and Region 10 standing in IEEE. He stressed the need to reach out those members who have not renewed their membership in 2009. He also asked Section Chair to continue their efforts to increasing the level of voting from R10 in the IEEE elections. Professor Park reiterated his priorities as the R10 Director, which includes enhanced benefits to members, special attention to improve the overall ratio of Fellow and Senior members in the region, R10 website to be more informative and stronger support to Sections and Chapters.

Addressing the annual meeting IEEE President John Vig told the delegates that worldwide economic slowdown is likely to affect revenues and membership of IEEE. Although membership revenue was OK at the beginning of the year the renewals have started to lag as compared to the same time period last year. However John Vig said he is cautiously optimistic as IP revenue remains on track with the 2009 budget projection. Speaking about the IEEE publications John said that more people are accessing our electronic packages for information with 4,300 customer sites worldwide, resulting in 80 million downloads from Xplore in 2008. Last year 32 thousand journal and 139 thousand conference articles were published in IEEE journals and conferences. John also informed that in 2008 IEEE sponsored over 900 conferences, about 560 financially sponsored (52% in R7-10) and around 350 technically cosponsored (84% in R7-10). These conferences in 62 countries, involving 400,000 attendees with over 100,000 presentations, generated over \$100 million in revenue. John emphasized the need to be cautious in technical sponsorship of competing “international” conferences, which

use IEEE logo/brand with no financial benefit to the IEEE in return. President John Vig told delegates to be an ambassador of the IEEE and promote IEEE & the 125th anniversary and stay connected.

Lewis Terman, 2008 President, described his term in office as an interesting period, full of events like Executive Director’s resignation, transition for IT management and redirection, Strategic planning (Ops Plan/Strategy/Budget and Strategic Program Assessments) and US Stock Market plunge. Describing his goal to optimize IEEE as a whole he used the analogy of optimizing the performance of an aeroplane where one needs to optimize all sub-system and not just one thing. Lewis Terman thanked for the opportunity to work with great volunteers and staff, whose enthusiasm, ideas, contributions, support, and all their accomplishments he relished.

Joe Lillie, IEEE Vice President Member & Geographic Activities, in his presentation describe the MGA mission by the slogan “Inspire, Enable, Empower and Engage Members of IEEE” for the purpose of...

- Fulfilling the mission of IEEE
- Enhancing the member’s growth and development through their life cycle
- Providing a professional home

To achieve all the above goals, Joe Lillie mentioned MGA ongoing efforts in the following areas:

- Update of governance documents
- Review and update of volunteer position descriptions
- Update of communication plans
- Providing updated leadership training
- Development of the data architecture requirements

Professor Jozef Modelski, R8 Director, presenting an overview of IEEE Region 8 mentioned the leading regular biannual conferences organized by R8 Committee as EuroCon, MeleCon and AfriCon. He also point out 3 new biannual conferences, which are SibirCon, EnergyCon and HistelCon. Professor Jozef Modelski talked about the growing relation with the industry and cited examples of SIEMENS AG as the main sponsor of the 125th Anniversary celebration in Munich, strong support by Oil & Gas industry to the EnergyCon and nomination of Philips for the IEEE Milestone by Benelux Section (to be presented in March 2009). Professor Jozef Modelski suggested joint R8 & R10 initiatives and proposed as an example the possibility of working out a new formula of SibirCon with Sections neighbouring Siberia e.g. China and Korea. Similarly EnergyCon is organised by Gulf Sections and can be attractive for neighbouring Sections e.g. in India and Pakistan.



In his presentation to the R10 annual meeting, Moshe Kam reminded the leadership of Region 10 of the services and programs that the Educational Activities Board provides. He invited requests for additional events and for assistance, especially in the area of accreditation and the Teacher In Service Program (TISP). The TISP program trains IEEE volunteers to work with pre-university teachers. It is based on approved Lesson Plans prepared by IEEE volunteers. It is designed to highlight engineering design principles and has been tested in classrooms. The cost is less than \$100 for a class of 30. The way program works is that volunteers of an IEEE Section organize a TISP training event and EAB provides logistical support and instructors. The volunteers gather for a day and a half of training with teachers and school administrators. The volunteers can then spread the program in their school districts. To date, over 70 TISP presentations have been conducted by IEEE volunteers reaching over 1600 pre-university educators, which represents more than 180,000 students. In Region 10, a TISP training session was held in September 2006 in Putrajaya, Malaysia with more than 80 participants. It was one of the best attended TISP sessions. Currently EAB is planning activity for a session in Shenzhen, China.

Talking about how R10 can participate in accreditation program of EAB, Moshe Kam asked Section leaders to identify Sections where IEEE volunteers wish to build, revamp, or re-vitalize an accrediting body. They may want to consider an accreditation workshop in R10 in 2010 or 2011. The last one in R10 was in Bangkok in 2004. Moshe Kam also talked about "Expert Now" and TryEngineering.org. He invited R10 Sections to use Expert Now modules for Section and Chapter meetings and participate in TryEngineering.org, which can add opportunities for students in R10 Sections.

Roberto B. de Marca briefed about what is happening at the Technical Activities Board (TAB). He informed that following new periodicals will be coming out this year:

- IEEE Transactions on Computational Intelligence and AI in Games
- IEEE Solid-State Circuits Magazine
- IEEE Photonics Journal
- IEEE Transactions on Autonomous Mental Development
- IEEE Embedded Systems Letters
- IEEE/OSA Journal of Optical Communications and Networking
- IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing

Roberto de Marca mentioned that nearly all the societies are engaging in discussions about the development of new benefits to attract and satisfy members. Most of them say they are struggling to identify the "magic bullet" that members want. TAB is also working on implementation of some ideas that originated in 2008 Industry Advisory Committee. These ideas include:

- (Small) Events, tailored to industry, focusing in specific emerging topics. These will also have electronic distribution
- This sequence of meetings should lead into an IEEE TA Emerging Technologies event.
- Develop coordinated multi-product approach to multidisciplinary technologies (e.g. Smart Grid, Electronics in Vehicles)
- Foster the launching of an industry targeted publication addressing problems/views concerning new technologies. Each issue covering a different topic.

On Humanitarian Technology Challenge, the 3 focus areas selected are:

- Reliable Electricity
- Data Connectivity of Rural District Health Offices
- Patient ID and Tie to Health Records

Working Groups have been formed for each challenge comprising of technologists and humanitarians. Work Groups have shared initial thoughts and perspectives on challenges and gained consensus on schedule for next 60 days and final deliverables.

The remaining sessions for the first day were reserved for presentation of reports by R10 EXCOM members. This included presentation and discussion of R10 budget for 2009.

A formal dinner and awards ceremony was held in the evening of 28 February 09. It was a very pleasant evening with a beautiful Vietnamese cultural and musical show, which was thoroughly enjoyed by delegates and guests. The award ceremony was coordinated by Takatoshi Minami, R10 Awards Coordinator. R10 Director Professor Yong-Jin Park conferred Region 10 awards. On this occasion IEEE awards and 25th anniversary banners were also presented. The awards are listed with the photographs in this report.

On the second day the final version of the R10 budget was presented by the treasurer Hang-Bong Kang, which was endorsed by R10 committee.

Prof. Kae-Dal Kwack presented a proposal for the establishment of IEEE Korea Council again. He described the main reason for dissolution of Korea Council in the past was that it failed to work with IEEE Sections in Korea because of misinterpretation and misunderstanding of IEEE Council Bylaw. As a result of this all five contiguous Sections (Seoul, Daejeon, Kwangju, Changwon, and Kyungbook) in Korea agreed and signed to dissolve Korea Council and petitioned to the IEEE HQ. Prof Kwack said that it is time for reconciliation as all five Sections have written and agreed to new Bylaws for the Korea Council. The proposal for the formation of Korea Council was approved by the Region 10 committee.

Next item on the agenda for the day was a series of presentations about the last TENCON in India, progress on TENCON 2009 in Singapore and plans on TENCON 2010 in Fukuoka, Japan to be hosted by IEEE Fukuoka Section and TENCON 2011 in Indonesia.

Finally for the benefit of Section Chairs a workshop on Section Management Training was organised, which was conducted in two sessions. In the first session Cecilia Jankowski and Fanny Su presented the "Section Management Training" followed by a presentation by Joseph Lillie about the Professional Activities offered by IEEE.

The second session chaired by Y. W. Liu was an open discussion forum with a panel representing IEEE HQ. The panel members were John Vig, Lewis Terman, Joseph Lillie and Cecelia Jankowski. Delegates took this opportunity to ask questions and clarify several issues related to IEEE activities and policies.

After lunch the delegates were taken to a tour of Vietnam National Museum, Ho Chi Minh Mausoleum and West Lake (in the center of Hanoi). This team bonding activity, where spouse were also invited, continued over the dinner at a local restaurant.

Reported by Dr Zia Ahmed

Region 10 Awards Presented at 2009 R10 Annual Meeting, Hanoi, Vietnam

2008 R10 Outstanding Volunteer Awards



Deepak Mathur from Gujarat Section receiving the 2008 R10 Outstanding Volunteer Award



Rajagopalan Kannan, Hyderabad Section receiving the 2008 R10 Outstanding Volunteer Award



Shikoku Section Chair receiving 2008 R10 Outstanding Volunteer Award on behalf of Hideyuki Sawada of Shikoku Section



2007 R10 Outstanding Volunteer Award

Enn Vinnal, the first winner of 2007 R10 Outstanding Volunteer Award, was invited to attend 2008 R10 Meeting held in Gujarat in India. However, he could not attend that meeting and hence the award was presented to the Section Chair for him in 2009.

2007 R10 Outstanding Large Section Award



Bombay Section Chair Raju Hira and Prof. Uday Desai receiving the R10 Outstanding Large Section Award

2007 R10 Outstanding Small Section Award



Dr Leigh Powis, Chair South Australia Section, receiving the R10 Outstanding Small Section Award

2008 Region 10 GOLD Award



Yasuharu Ohgoe from Tokyo Section receiving the 2008 R10 GOLD Award

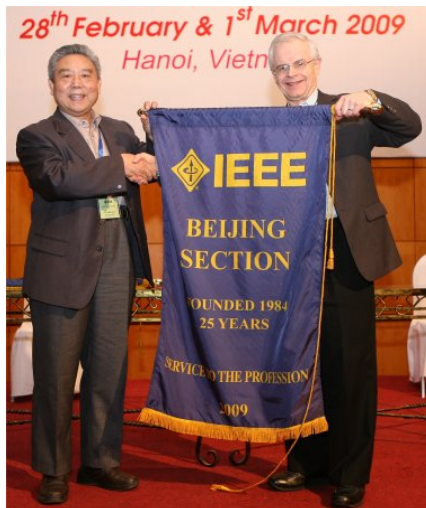
MGA Awards Presented at 2009 R10 Annual Meeting, Hanoi, Vietnam

2008 MGA Achievement Award



Ramalatha Marimuthu, Madras Section receiving the 2008 MGA GOLD Achievement award from Joe Lillie

Section's 25th Anniversary Banner

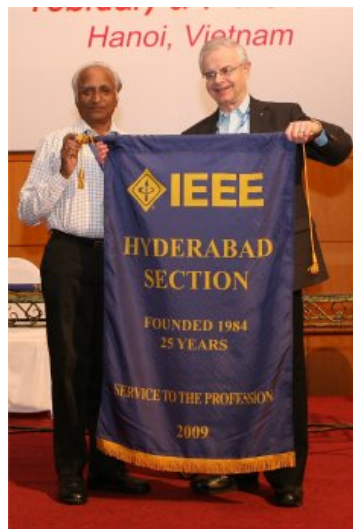


IEEE President John Vig presenting the 25th Anniversary Banner to Beijing Section

2008 MGA GOLD Achievement Award



Yasuharu Ohgoe receiving the 2008 MGA GOLD Achievement award from Joe Lillie



IEEE President John Vig presenting the 25th Anniversary Banner to Hyderabad Section

2008 MGA Innovation Award



Mini Thomas receiving the 2008 MGA Innovation award from Joe Lillie



IEEE President John Vig presenting the 25th Anniversary Banner to Western Australia Section

The First IEEE Region 10 Distinguished Seminar at Hanoi University of Technology, Vietnam

The 1st distinguished seminar of the IEEE Region 10 was the initiative of Prof. Toshio Fukuda from Nagoya University, Technical Activities Coordinator of R10. As the Annual Meeting of the IEEE Asia – Pacific Region (R10) was going to take place in Melia Hotel, Hanoi from 28th Feb. to 1st March and many distinguished guests were expected to come to Hanoi, Prof. Toshio Fukuda took advantage of this opportunity and called for a half-day Technical Seminar prior to the R10 Annual Meeting.

This idea was strongly supported by the Vietnam Section as the Section Chair was keen to hold the seminar at Hanoi University of Technology (HUT) to attract more attention from academic society. The Seminar thus became a R10 – Vietnam Section joint seminar, which was very actively and carefully prepared. While Prof. Fukuda took care of the program, Vietnam Section was in full swing with the logistic preparation, as well as printing handouts, call for participation and invitation and so on.

The theme “Human Support Technologies from IEEE” seemed to be very suitable to the spirit of the seminar. The bus carrying more than 30 delegates of R10 from Melia Hotel was warmly welcome by student volunteers at the main gate of HUT. Among the local guests we could find professors, researchers, lecturers from HUT and other universities, representatives from companies, from Vietnam Association of Automation (VAA), and students. 127 attendants was the number that surprised all the optimist organizers.



After the introduction of the seminar for Region 10 by Professor Toshio Fukuda, the attendants listened to the following 6 presentations, 30 minute each including discussions.

“Leadership Skills in the IEEE” by Joseph V. Lille, Vice President, IEEE Member and Geographic, AT&T

“e-Science and Research & Education Networks Development” by Yong-Jin Park, R10 Director, Hanyang University, Korea

“Measurements of Complex Permittivity and Surface Impedance of Low Loss Materials at Microwave Frequencies” Janina Mazierska, R10 Past Director, Massey University, New Zealand

“Women in Engineering and Technology for Human Welfare” by Marimuthu Ramalatha, R10 Women In Engineering Coordinator, India

“Artificial Intelligence and Its Applications in Industry” by Marzuki Khalid (Technical University of Malaysia, Malaysia)

“Industrial automation: actual status and future trends” by Ta Cao Minh, Chair, IEEE Vietnam Section, Hanoi University of Technology, Vietnam

Though not in the initial program, Prof. Seiichi Takeuchi from Japan presented a short talk about “Hot Topics in Communication” that he prepared on the spot.

The time in the coffee-break was also very useful for researchers to exchange ideas. Not only the professors, researchers, but also the students could talk with the elite professors from the IEEE community. Prof. Mazierska was very pleased to talk in her mother tongue with 2 Vietnamese professors, who studied in Poland years ago.

The atmosphere of the seminar became enthusiastic when the VIP delegation led by John Vig, IEEE Director and Lewis Terman, IEEE Past-Director and CEO came to attend the second half of the seminar.

The seminar ended with the photo session and the reception on the top floor of the Ta Quang Buu Library building, the brand new building of HUT.



The Seminar was very successful thanks to all the speakers and attendants. The financial support from R10 was very much appreciated. We would like to express our sincere thanks to Prof. Fukuda for his initiative and his hard-work. He wanted to make this seminar to be an example for the activities that follow: high-quality program, beautiful colour handouts, attractive call for participation. We also did our best in every detail for the seminar: from choosing the most beautiful photos for the brochures to the designing the best banners for the event.

The most important thing for us through the seminar maybe is that people is getting to know about IEEE Vietnam Section, about its activities. We received application from about 20 persons, who like to joint us, to join IEEE, the world's leading professional association for the advancement of technology, celebrating 125th anniversary this year.

The IEEE R10 – Vietnam Section joint distinguished seminar on 27th Feb. was really a festival for Vietnam Section members and for science and engineering community in Hanoi.



**Ta Cao Minh, Ph.D., IEEE Senior Member
Chair, IEEE Vietnam Section**

TENCON 2008

TENCON 2008 was held on November 18 – 21, 2008 at University of Hyderabad. The theme for this year was ***Innovative Technologies for Societal Transformation***. It was sponsored by IEEE Region 10 & organized by IEEE Hyderabad Section. The technical Co-Sponsors were IEEE IAS, PES & EDS. The Principal Sponsor was the University of Hyderabad. IBM & SGI were Bronze Sponsors.

Pre-Conference Tutorials were held on November 18th, 2008 on four topics:

- 1) Topic: Power Quality, Speaker: S. Mark Halpin, President IEEE IAS
- 2) Topic: Wi-Fi: Understanding the Performance of Wi-Fi Local Area Networks, Speaker: Anurag Kumar, Indian Institute of Science, Bangalore
- 3) Topic: Coding for Wireless Networks, Speaker: P Vijay Kumar, Indian Institute of Science, Bangalore
- 4) Topic: Perception and Image Processing, Speaker: Al Bovik, University of Texas, Austin

The Conference was inaugurated by Seyed E. Hasnain, Vice-Chancellor, University of Hyderabad with Professor Janina Mazierska, R10 Director as the Chief-guest. M B Srinivas, Chairman IEEE Hyderabad Section, B. L. Deekshatulu & C. Satish, General Co-Chairs also spoke on the occasion.

The Conference had three Plenary Talks

- 1) Topic: Role of Renewable energy in Empowering the Disadvantages, Speaker: Saifur Rehman, Fellow, IEEE, Virginia Tech.
- 2) Topic: Video Quality Assessment, Speaker: Alan C Bovik, Fellow, IEEE, University of Texas, Austin
- 3) Topic: The Next Wireless Revolution: Broadband Mobile Internet, Speaker: A. Paulraj, Fellow, IEEE, Stanford University

There were also sixteen invited talks by experts.

The number of technical papers received by TENCON 2008 was the highest of any TENCON held so far. A total of 1153 papers were received that included 922 from India and 230 from other parts of the world. These included more than 80 papers from manufacturing/IT industry. 582 papers were accepted and 487 papers were presented in 10 parallel sessions. The special theme of the conference titled 'Innovative Technologies for Societal Transformation' also attracted several papers needing a separate session on all three days of the conference. A total of 48 technical sessions were held in parallel over the three days of the conference. There were also 19 Poster Sessions. All the accepted papers are now archived in IEEE Xplore database.

The conference was attended by 348 delegates who included:

India

- IEEE Members – 111
- Non Members – 107
- Student IEEE Members – 20
- Student Non Members – 42

Other Countries

- IEEE Members – 27
- Non Members – 17
- Student IEEE Members – 13
- Student Non Members – 11

One of the objectives of organizing TENCON conference is to 'contribute to the development, progress and welfare of countries in the Asia-Pacific region by disseminating technical knowledge and experience'. Such an exercise is also expected to spur innovation leading to technology growth in these countries.

TENCON 2008 was a resounding success by any measure. It was not only a technically successful conference but also gave an opportunity to the section volunteers to come together and organize an event of international standard. It once again demonstrated what we can do if we stand united.



On Dias: M B Srinivas, Janina Mazierska, Seyed E. Hasnain, B L Deekshatulu, C. Satish.



TENCON 2008 Committee Members with Janina Mazierska, Director IEEE R10



Professor Janina Mazierska speaking at the TENCON 2008

Dr N. V. Rao
Chair Hyderabad Section (2009)

Note: 2009 TENCON is scheduled for 23 – 26 November 2009 in Singapore. <http://www.tencon2009.org> (Editor)

IEEE R10 Councils & Sections

News and Highlights

IEEE Taipei Section

2008 Symposium on Electrical Power Engineering

The 2008 Symposium on Electrical Power Engineering was held at Southern Taiwan University, Tainan, Taiwan, December 5th - 6th, 2008. This conference was hosted by the IE/PEL Society Taipei Chapter and Chapter Chair Prof. Faa-Jeng Lin served as the general Chair. IEEE Taipei Section supported the advertisement of this event. This activity invited 5 speeches and held one member meeting. The number of attendees reached 815 (including 110 IEEE members and 705 guests). There were 476 papers received for the conference. The topics covered new products, new technology, and new applications of battery, illumination, motor driver, power transformation and adjustment, electromagnetic interference, power quality, power electrical control/device, digital application technology, green energy application, electronic market outlook, and so forth. Besides research papers, 6 enterprises were invited to exhibit their new products and services for promoting the cooperation between industries and academia. Furthermore, more than 3 forums were organized to emphasize and discuss (1) Energy Industry Development in Taiwan, (2) The Planning and Operation of Smart Grid and (3) The expectation on the Green Energy Industry of Electrical Power and Smart Grid and AMI-Analytics and Information Integration. The topic of Smart Grid brings up a solution by applying μ -Grid to coordinate distributed energy resources (DER) in order to alleviate control load and reach new challenges on providing safe and efficient operation and monitor. Green Energy brings up the new decade of Electrical Power. The Taiwanese Government has been launching "Renewable Energy Industry Program" which covers photovoltaic, LED light source, wind electricity, energy information communication, and energy technology service etc., estimated output value reaching NT \$12.8 trillion by year 2015.



2008 Symposium on Electrical Power Engineering

2008 International Automatic Control Conference

Robotics & Automation Society Taipei Chapter successfully held the 2008 International Automatic Control Conference, November 21st - 23rd, 2008. This conference took place at National Cheng Kung University, Tainan, Taiwan and was organized by the Department of Electrical Engineering, National Cheng Kung University. Prof. Tsu-Shen Lee and Prof. Ching-Chih Tsai served as the conference chair. There were 203 attendees (including 12 IEEE members). At this event, RAS Taipei Chapter invited Prof. Zengqi Sun, Tsinghua

University, China, who won the honour of the 3rd prize in the 2007 China RoboCup, to deliver lectures related to the robotic field. A series of workshops, hosted by Chapter Chair Kao-Shing Hwang, "Kalman Filter for the Application of Robotics" and "Curriculum Design of Robotic System" was also held during 22nd - 25th of November, 2008 at Taichung, Tainan, & Kaohsiung. In parallel sessions, Professor Sun gave lectures and shared his teaching experience on his specialty with all attendees coming from industries, academia, and students who are engaged in robotic research and manufacture design.

2008 Workshop on Consumer Electronics (WCE2008)

The 2008 Workshop on Consumer Electronics (WCE 2008) received a total of 200 submitted papers, each being evaluated by 2 reviewers. After the evaluation, WCE 2008 accepted 148 papers to include them into the Proceedings of the WCE 2008. There were 233 attendees, including 55 IEEE members and 178 guests at this event at Jiwen University on 5th Dec., 2008. The industry was represented by a total of nine companies to exhibit their products during the WCE 2008 conference. Two professors, Dr. Xi-Zhao Wang (The Distinguished Lecture of the IEEE Systems, Man, and Cybernetics Society) and Dr. Chang-Yu Wu (IEEE Life Fellow), were invited as Keynote Speakers to deliver speeches on the topics of "Fuzzy Integral and Its Application to Classification," and "Electromagnetic Compatibility," respectively. The Consumer Electronics Society Taipei Chapter and Chapter Chair Prof. Tihao Chiang successfully promoted the distinguished experts of the IEEE to share their experiences with the experts in academics and industry.



2008 Workshop on Consumer Electronics (WCE2008)

Newly Established Chapter & Student Branch

Two new established Chapters, Industry Application Society (IA-34) Taipei Chapter and University Student Branch Chapter of the Systems, Man & Cybernetics Society, were founded last December and last October, respectively. The foundation of IA Soc Taipei Chapter, led by Chapter Chair Yen-Shin Lai, represents more frequent communication between industries and academia and also makes practical ideas to fit in our real lives. The other new Student Branch is organized by students of Yuan-Ze University. This university is famous for the engineering field and its students lately have become very competitive in high technology industry.

Prof. Chin-Teng Lin
Chair, Taipei Section 2009

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IEEE Gujarat Section

“SAMPARK 2009”

IEEE Gujarat Section organized its brand event ‘Sampark’ on 18th January 2009 to mark 125th year celebration of IEEE. Sampark was started with the objective of networking. The event is organized by IEEE student volunteers for student members of the Gujarat Section. This provides an excellent opportunity to network and discuss about the program from IEEE for the year so that membership can provide value addition as desired/perceived by student members.

In ‘Sampark’ students share their experiences about IEEE, interact with Section’s leaders and also participate in team building activities. The idea is always to create interesting events that reinforced the students’ commitment to work as active IEEE volunteers. Gujarat Section started this event in 2006 and has been very popular and successful.

The venue of the event was selectively kept at a nature park in Gandhinagar to provide a perfect place with proper ambience to network and discuss future IEEE programs. The event was participated by 100+ members representing all 6 active Student Branches (GCET, DAIICT, ISTAR, UVPCE, ADIT, and NIRMA) of Gujarat Section. All section leaders along with Section Chair Dr Anil Roy and Past Chair Mr Deepak Mathur addressed the students and provided useful guidance for organizing program for adding value to their profile.

Ravi Shah of UVPCE Student Branch took lead in organizing ‘Sampark 2009’ and did a perfect job. Students made brief presentations on various IEEE related activities like WIE, GOLD, 125 year celebration, IEEE member benefits, Journal and affiliate IEEE societies, careers, and IEEE educational activities. After the presentations, students participated in team building activities. The day long activities were full of fun and actions, which provided students an opportunity to decide their future involvements in IEEE activities.

The other volunteers who actively contributed in organizing the event and running the activities were Harshil Bhatt, Nishesh Patel, Kevin Naik, Dhruv Patel, Nashush Barad, Viraj Sheth, Parth Jadeja and Yash Gorakh.

Deepak Mathur
IEEE Gujarat Section

IEEE Daejeon Section

IEEE Daejeon Section in Republic of Korea has been proud to be one of the sponsors of the first “Web-Based Open IPTV Workshop” on July 2 - 4, at Jeju Island. During the Workshop, there were lots of informative presentations relating to the technologies for enabling IPTV, and precious discussions among the participants. There were five introductory presentations by professors of Information and Communications University, Korea, deliberating about the technologies of smart client, middle-ware platform, and networking problem relating to web-based IPTV. Also, there were sparkling discussions on scenario and structure for IPTV services to customers. Additionally, since most of the participants were IEEE members and student members, they talked a lot to find out ways for having the more vigorous activities of IEEE Student Branches.



This year, Daejeon Section has encouraged the vivid activities of Student Branches. For this reason, the banners of Student Branches were made and distributed to 5 Student Branches. Every Branch will use and display the Branch banners at every IEEE related activities. This is expected to encourage the members and also non-members to give more attention to IEEE and its activities.

 **IEEE DAEJEON SECTION**
Student Branch at Chungnam National University

IEEE Daejeon Section



SAMPARK 2009 Participants

IEEE Madras Section

The Faculty Development Program

The Faculty Development Program (FDP) is an ambitious project of the IEEE Madras Section aimed at improving the quality of teaching. In this program, the participants, who are faculty members in various Engineering Colleges, are exposed to the teaching methodologies of some of the best teachers in their field.

During 2007 – 08, the IEEE Madras Section conducted four Faculty Development Programmes, which were organized at the Department of Electrical Engineering, Indian Institute of Technology (IIT) Madras, Chennai. The details are as given below:

IEEE Faculty Development Programs held at IIT Madras during November 2007

Two Faculty Development Programmes were organized by IEEE Madras Section and conducted at Indian Institute of Technology, Madras as follows:

Course – I: To benefit faculty members working in the area of communication and electronic devices, two programmes were organized by IIT Madras Electrical Engineering faculty in the month of November 2007. The participation fee was waived to all IEEE members. The first program on “Probability and Random Processes, Digital Communication” was conducted during November 17 - 18, 2007. The instructors were Prof. Sri Krishna and Prof. D. Jalihal. Prof. S. Salivahanan, Vice Chairman, IEEE Madras Section delivered the valedictory address and distributed the certificates to 34 participants.



Prof. S. Salivahanan, Vice Chairman, IEEE Madras Section (2007) with the participants at the valedictory function on November 18, 2007.

Course – II: The second program on “Semiconductor Devices & Analog Circuits” was conducted during November 24 – 25, 2007. The participation fee was waived to all IEEE members. The resource persons for this programme include Prof. Amitava Das Gupta, Prof. Nandita Das Gupta, Prof. Shanthi Pavan and Prof. Nagendra Krishnapura. Prof. Ponnavaikko, Chairman, IEEE Madras Section addressed the participants at the valedictory function and distributed the certificates to 34 participants.

A total of sixty nine faculty members from various engineering colleges participated in the above two programs, which were followed by feedback sessions. The participants highly appreciated the efforts of the IEEE Madras Section and requested the IEEE Madras Section to organize many such programs in future.



Prof. M. Ponnavaikko, Chairman, IEEE Madras Section (2007) with the participants on November 25, 2007.

Faculty Development Programs held at IIT Madras during April/May 2008

Continuing with the series of Faculty Development Programs aimed at improving the quality of teaching in Engineering Colleges, the IEEE Madras Section organized two Faculty Development Programs (FDPs) in association with Department of Electrical Engineering, IIT Madras during April and May 2008.

Course – III: The FDP on “Semiconductor Devices and Analog Circuits” was conducted during April 26 – 27, 2008. 36 faculty members from various engineering colleges attended this program. The participation fee was waived to all IEEE members. The topics covered were (a) Operation and Modelling of BJT, (b) Operation and Modelling of MOSFET, (c) Negative feedback and op-amps and (d) On chip biasing circuits. The resource persons for this program include Prof. Nandita Das Gupta, Prof. Amitava Das Gupta, Prof. Nagendra Krishnapura and Prof. Y. Shanthi Pavan from IIT Madras. Prof. S. Salivahanan, Chairman, IEEE Madras Section addressed at the valedictory function and distributed the certificates to 36 participants.



Prof. S. Salivahanan, Chairman, IEEE Madras Section (2008) with the participants on April 27, 2008

Course – IV: The FDP on “Wireless Digital Communication Theory and Practice” was held during May 5 – 10, 2008. 31 faculty members from various engineering colleges participated in this program. The registration fee was waived to all IEEE members. This 6-day program included 12 hours of class room teaching and 30 hours of hands-on experiments. The program dealt with a number of topics in wireless digital communication such as modulation, synchronization, equalization, TDM/TDMA, CDMA and OFDM. Experimental kits, designed jointly by IITM and Benchmark Systems, which

include high-speed transmitters and receivers were used by the participants to transmit (and receive) at bit-rates of interest in today's communication. The resource persons for this program include Prof. Bhaskar Ramamurthi, Prof. Devendra Jalihal, Prof. K. Giridhar and Prof. Srikrishna Bhashyam of Electrical Engineering Department, IIT Madras. A number of graduate students of IIT Madras assisted the participants while conducting the hands-on experiments.



Prof. S. Salivahanan, Chairman, IEEE Madras Section with the participants at the valedictory function on May 10, 2008

Prof. S. Salivahanan, 2008 Chair of IEEE Madras Section participated in the valedictory function and distributed the certificates to 31 participants.

Sixty seven members from various engineering colleges attended these two programmes. Both the programmes were followed by feedback sessions where the participants appreciated the efforts of the IEEE Madras Section. The participants also requested IEEE Madras Section to organize many more programs of this nature in the future.

Dr. S. Salivahanan
Chairman, IEEE Madras Section
Principal SSN College of Engineering
Rajiv Gandhi Salai, Kalavakkam - 603 110, India

IEEE WA Section

IEEE 125th Anniversary Address

Preparation is underway to organize a public address by the US Consul General, Dr Kenneth S. Chern to IEEE members and the local community on the historic IEEE 125th anniversary event. Dr Chern has spent a long time in Asia and his prior assignments included Ho Chi Minh City, Philippines, Malaysia, Brunei and Singapore. In addition, he has been an academic staff at the Hong Kong University for ten years. Dr Chern has an extensive background in political affairs and is experienced in trade, science and technology issues. Further details on this will be released later.

IEEE Murdoch University Student Branch

A new MUSB executive committee has been established in 2009. The unique feature is the significant support and involvement from graduate student members at Murdoch. Most of the committee members are overseas postgraduate research students and they have substantial work experience in their home academic institutes. The new committee complements the strength of other SB's in the Western Australian which are mainly made up by undergraduate students. The new members represent the international faces of IEEE and the Asia-Pacific Region. It is hopeful that they will take their IEEE experience and knowledge to their home

countries one day, and continue the promotion and fulfilment of IEEE Mission and Vision.

Lance Fung (lancecfung@ieee.org)
IEEE WA Section

ONE ACT AND FIVE BENEFITS : WHY NOT ACT AND BENEFIT?

The whole world is now reeling under the after effects of indiscriminate use of fossil fuel; for our living comforts. Comforts in any form come to us at a cost. In this case, an additional cost, the threat to safe and healthy life on this planet, apart from the basic cost of energy.

The floods, drought & famine the various countries face are linked to Global Warming which itself is a consequence of burning fuels like coal, petrol, diesel etc.

As human beings, we have our right to live in comfort and also a major responsibility to minimize the sufferings faced by fellow human beings and lives of all creations of God.

While we cannot eliminate totally the use of energy, we can minimize the usage and thereby contribute to better living.

Literally, it is at our FINGER TIPS and a simple act that can do wonders. Incidentally, the single act carries along with it FIVE benefits as detailed below.

When you are not using your computer, lights, fan, air conditioners, be at home or at works, kindly act and 'switch off' these appliances.

This one act, at your finger tips, gets you five benefits.

(i) Since you have switched off, the direct benefit to you is power bill.

(ii) The power not used by you now can be used by some one who is needy. This is applicable to many countries in the world where there is acute shortage of electrical energy.

(iii) It is well known that electricity undergoes good number of transformation in the voltage level, i.e. from generation to transmission to distribution at your premises. On an average, a total of seven stages of stepping up the voltage and stepping it down is encountered during this process of supply of power to you from the generation station. The flow through the transforming equipment and transmission lines involve losses. Thus, a kW supplied to you warrants generation of about 1.6 kW at the generation station, in a well maintained, efficient generation – transmitting – distributing system. This could be more and be even upto 2 kW in many cases. A kW saved by you helps in non-generation of 1.6 kW to 2.0 kW.

(iv) The power that is not generated has a direct bearing and results in non-utilization of coal/liquid fuel as the case may be. The depletion in availability of these fuels gets slowed down as a result. The pollution in the form of ash, un-burnt carbon etc. also come down as a consequence.

(v) The fuel not burnt also means a reduction in that proportion of the CO₂ emission into the atmosphere, the root cause of Global Warming.

Think again. Use your finger. One act and five benefits and saving mother earth.

Rajagopalan Kannan, Senior Member
IEEE Hyderabad India

IEEE Queensland Section

News from Queensland Section

The year 2008 ended for Queensland Section with a very positive, pleasant and successful Annual General Meeting and Dinner. The meeting was held on 4th December, again at the Sofitel in Brisbane. The weather in Brisbane at that time of year is notoriously stormy, and the traffic gridlock resulting from one such storm that afternoon caused a delay to the start of proceedings.

As my last official engagement as Chair of the Section, I was pleased to be able to report continued membership growth in the Section, although falling just short (by 40 members) of the 1,000 target we had set for ourselves. Our Section is also favoured by very strong volunteer involvement, with two new Chapters (EMBS and AESS) having been established through the year, a strong showing of new talent in the nominations process for 2009 offices, with all Chapters and Affinity Groups achieving or maintaining active status. My final recommendation to the Section was to investigate setting up Sub-Sections: Queensland Section covers a vast geographical area and there are several regional centres with dozens of members who are not within easy commuting distance of the usual Brisbane-based activities. Toowoomba, Gold Coast, Sunshine Coast and Rockhampton are areas that could potentially benefit from establishment of Sub-Sections.

We had 32 guests for dinner at the Dinner following the AGM. It was a convivial occasion, as always; a chance for the membership to get to know each other in a social setting. Our distinguished dinner speaker was Emeritus Professor Mat Darveniza, former Chair of the Section (two separate terms) and one of its original petitioners. His talk entitled 'Modern Thunderstorm Now-Casting' was very topical given the prevailing weather conditions that night, and more still in view of devastating storms that had passed through Brisbane only a few weeks before. Needless to say, the talk was well received. We were also honoured to have Prof. Darveniza present the eponymous undergraduate thesis prize for power engineering.



Queensland Section Chair, A/Prof. Vaughan Clarkson (right), presents the award of IEEE Queensland Section Volunteer of the Year for 2008 to Mr. Michael Lees, Awards & Recognition Chair and former Chair of the joint Control Systems/Robotics & Automation Chapter.



Emeritus Professor Mat Darveniza (right) awards the eponymous Queensland Section undergraduate thesis prize in power engineering to the 2008 winner, Mr. Tze Hin Yip.



Emeritus Professor Mat Darveniza presents his talk entitled 'Modern Thunderstorm Now-Casting' at the Queensland Section Annual Dinner.

It was a pleasure to serve as Queensland Section Chair. I have every confidence in the new Chair, Mr. Abbas Bigdeli, and in his executive committee. There is more good news to come from Queensland Section, I am certain!



Vaughan Clarkson
Chair, Queensland Section, 2007-2008
Chair, Australia Council, 2009-2010

IEEE R10 Student Branches

News and Highlights

IEEE ISTAR Student Branch

“TECHNO SAMPARK –2009”

On 6th February 2009, the IEEE ISTAR Student Branch in association with the IEEE Gujarat Section, organized a one day technical event named “Techno Sampark – 2009” at the Computer Science Department, Institute of Science and Technology for Advanced Studies and Research (ISTAR), Vallabh Vidyanagar, Gujarat, India as part of celebrating 125th anniversary of the IEEE.

Prof. G. R. Kaundinya, Director, ISTAR, welcomed the registered participants, invited judges for the competition and faculty members. He briefed the audience about the recent ISTAR achievements. Dr. O. S. Srivastava, Head of Computer Science, ISTAR, briefed about the TechnoSampark-09. Mr. Nirbhay Chaubey, Counsellor, IEEE ISTAR Student Branch talked to the gathering about the IEEE at a great length viz. who the IEEE serves, IEEE Today, its worldwide organization membership and benefits for having IEEE Student Branch & Members. Mr. Avtarsingh Sucharia, Secretary, IEEE ISTAR Student Branch proposed the vote of thanks.



Prof. G. R. Kaundinya, Director, ISTAR, addressing the audience at the inaugural session. (From left) Dr. O. S. Srivastava, Head of Computer Science, Mr. Nirbhay Chaubey, Counsellor, IEEE ISTAR Student Branch.

A total of 128 students from various Engineering, MCA and BCA colleges across Gujarat State participated in the event. Panels of expert were formed for each Undergraduate and Postgraduate Programming Competition and Quiz. The competitions were aimed at testing the skills of our budding computer science and engineering students.

Apart from a good learning experience for the students, it was a very good opportunity for interacting with their counterparts from different colleges. Moreover, it gave an exceptional opportunity to hear some distinguished professionals in the field of computing. Dr. Sanjay Srivastava, Professor of DA-IICT, Gandhinagar gave a talk entitled “Pervasive Computing: Applications and Research Area”. Dr. Manik Lal Das, Professor of DAIICT, Gandhinagar talked about “Authentic Technique”.

In the evening, Ms Megha Patel, Vice Chair, IEEE ISTAR Student Branch welcomed the chief guest & the gathering to the concluding session. She announced the winners’ names and award prizes. Dr. S. V. Vaishnav, Honorary Secretary of Charutar Vidya Mandal was the chief guest for the valedictory

function and graced the occasion. He distributed the certificate to the prize-winning students and delivered the valedictory address.

Prof. G. R. Kaundinya, Director, ISTAR gave concluding remarks. Dr. O. S. Srivastava, Head of Computer Science, ISTAR, summarised the event. He informed that 128 students registered for the event and participated, wherein there were 17 groups (34 student delegates) for PG Programming Competition, 18 groups (36 student delegates) for UG Programming Competition and 20 groups (40 delegates) for Quiz Competition. Also a few students registered for the seminar as well.



Participants of Techno Sampark 2009

Mr. Prashant Thakkar, Chairman, IEEE ISTAR Student Branch, proposed vote of thanks and said that the organizing of such kind of programs demands self-less donation of time and energy from student volunteers and faculty members. He thanked to the Speaker Dr. Sanjay Srivastava and Dr. Manik Lal Das for spending their valuable time to come there all the way from DA-IICT, Gandhinagar. Dr. Sanjay Srivastava was overwhelmed to see the enthusiasm of the students during the event. In the end both speakers thanked to the IEEE ISTAR Student Branch for inviting them to interact with the IEEE students fraternity. Mr. Prashant Thakkar highly praised and thanked to the Director of ISTAR, Head of Computer Science Dept. & faculty members of ISTAR, officer-bearers of IEEE ISTAR Student Branch and student volunteers for putting together their efforts to this unique and an excellent technical program. Overall, the event was a great success.

Techno Sampark -2009 Winners

Post graduate Programming Competition

- 1st Prize: Nidhi Goyal & Maya Patel, CS Dept., SRI, Bardoli, Gujarat, India
- 2nd Prize: Nisarg Karojiya & Pritesh Kachhiya, CS Dept., AIIS, Anand, Gujarat, India
- 3rd Prize: Kushal Verma & Jay Ashara, CS Dept., AIIS, Anand, Gujarat, India

Undergraduate Programming Competition

- 1st Prize: Mr. Vaibhav Thakkar & Vishal Dhawani, CS Dept., SEMCOM, V. V. Nagar, Gujarat, India
- 2nd Prize: Devang Bhavsar & Gunjan Shah, SPCE, Visnagar, Gujarat, India
- 3rd Prize: Taushifiqbal Madari & Divyanag Darji, CS Dept., M. B. Patel, Anand, Gujarat, India

Quiz Competition

1st Prize: Dharmendra Joshi & Chintan Parekh, CS Dept., SRI, Bardoli, Gujarat, India

2nd Prize: Maitrik Patel & Dip Dhingani, GCET Engineering College, V.V. Nagar, Gujarat, India

3rd Prize: Dhaval Kariya & Kalpesh Bhadani, CS Dept, ISTAR, V.V. Nagar, Gujarat, India



At the valedictory function (from left) Dr. O.S. Srivastava, Dr. S. V. Vaishnav, Honorary Secretary of Charutar Vidya Mandal, Prof. G. R. Kaundinya, Dr. Manik Lal Das, Professor of DA-IICT, Gandhingar and Dr. Sanjay Srivastava, Professor of DA-IICT, Gandhingar.

A Half Day Seminar on “Neural Networks and its Applications”

on Friday, 23rd January 2009 IEEE ISTAR Student Branch in association with the IEEE Computer Society Chapter India Council organized a half day seminar on “Neural Networks and its Applications” at the Computer Science Department, Institute of Science and Technology for Advanced Studies and Research (ISTAR), Vallabh Vidyanagar, Gujarat, India.

Mr. Nirbhay Chaubey, Counsellor, IEEE ISTAR Student Branch and Lecturer, Computer Science, ISTAR welcomed the dignitaries, invited guest and students fraternity. He briefed the gathering about the IEEE and its benefits. Prof. G. R. Kaundinya, Director, ISTAR, V. V. Nagar introduced speaker Dr. H. S. Mazumdar.

A total of 170 participants including faculty members, researcher and students from various Engineering and MCA colleges across Gujarat State attended the event.

Dr. H. S. Mazumdar gave a very enlightening talk on “Neural Networks and its applications”. He started with the fundamental concept of Artificial Intelligence explaining Artificial Neural Network (ANN) as an information system simulating the ability of a biological neural network by interconnecting many simple neurons. The origins of artificial neural networks are in the field of biology. The biological brain consists of billions of highly interconnected neurons forming a neural network. Human information processing depends on this connection system of nervous cells.

He further described that based on this advantage of information processing, neural networks can easily exploit the massively parallel local processing and distributed storage properties in the brain. The major topics that he covered included explanation of intelligence, functions of intelligence and details about branches of Artificial Intelligence with its different categories. Artificial neural network’s component

such as neuron processing, connection and learning style were described in depth. He demonstrated the Visual NN Development System, developed by him that automatically optimizes the NN configuration for given application. He also explained different types of Artificial Neural Networks with learning styles such as supervised and unsupervised learning with examples. Overall the seminar was highly interactive and participants took a lot out of this seminar. Moreover, audience had a rare opportunity to hear Dr Mazumdar, a renowned professional in the field of Artificial Neural Network.



Dr. H. S. Mazumdar presenting the Neural Network seminar

In the evening, Dr. O.S. Srivastava, Head of Computer Science, ISTAR, welcome gathering to the concluding session and proposed the vote of thanks.

Mr. Nirbhay Chaubey
Counsellor, IEEE ISTAR Student Branch, Gujarat, India

IEEE Student Branch, BRAC University Bangladesh
Seminar on

'Prospects of Wi-MAX and 3G in Bangladesh'

A seminar titled 'Prospects of Wi-MAX and 3G in Bangladesh' was held at BRAC University on the 19th of October 08. Organized by the IEEE Student Branch at the university, the main speaker at the seminar was Mohammad Refaul Karim, Assistant Manager in the department of Transmission Planning of Banglalink (Orascom Telecom Bangladesh Ltd). Prior to working in Banglalink, he had also worked in Grameen Phone Ltd as a System Engineer and at BRAC University as a Lecturer. Mr. Karim in his speech explained in details on how Wi-MAX and 3G networks are set up and the obstacles faced in doing so. He also talked about the impacts these two new wireless broadband technologies are likely to make in the ICT Sector of Bangladesh.

After the interactive seminar, the students, many of who are budding engineers, got the opportunity to talk in person with Mr. Karim about different technical and career related issues.

Biomedical engineering workshop at AUST

IEEE Bangladesh Section in association with Biomedical Engineering Centre, BUET and IEEE AUST Student Branch organized a workshop on 'Biomedical Signal Measurement and Interpretation' on 31st December 2008, at the AUST campus. The workshop was coordinated by Professor M. Aynal Haque, Chair, IEEE Bangladesh Section. In his introductory talk, Professor Aynal talked about the role of engineers in the interdisciplinary field of Biomedical engineering and highlighted the current situation and lacking of BME Education in Bangladesh. Dr. Shamima Parvin Lasker, Professor of Anatomy, City Dental College, Dhaka

presented a talk on “Cardiac autonomic neuropathy: Possibility of development of myocardial disarray in diabetes progression link to heart failure”. Dr. M. Atahar Ali, Associate Professor (Cardiology), NICVD, Dhaka gave a talk on “Basic Electrophysiology”, while Engineer Hafizur Rahman Khan presented a talk titled “CT Evolution inside the Human”. IEEE student members from different universities including AUST, BRACU, BUET and IUT attended the workshop.



Prof. M. Aynal Haque, Chair, IEEE Bangladesh Section addressing the seminar audience

(Reports courtesy of: Mahboob, Former Chairperson, IEEE Student Branch, BRAC University and Md. Shamsul Kaonain, Student Member, IEEE Student Branch, BRAC University)

Shiblee Imtiaz Hasan
Secretary & Executive Body Member
IEEE Student Branch, BRAC University, Bangladesh

IEEE University of Moratuwa Student Branch, Sri Lanka
A New Student Branch

The IEEE University of Moratuwa Student Branch was established in September 2008 with the aim of developing the professional skills of undergraduates in the disciplines of Electronic and Telecommunication Engineering, Electrical Engineering and Computer Science and Engineering at the university. The university being the largest gathering of students in the disciplines of engineering related to Information Communication Technology in the country, the establishment of the IEEE Student Branch at the institution surely seems the fulfilment of a necessity.

With intentions of developing the skills of budding engineers of tomorrow the Student Branch has come up with many programs within the first six months. The first event was a visit to an MDF Board Manufacturer, the only fully automated factory in the country, where the participants were given a guided tour of the factory and manufacturing processes.

The delegation from the University of Moratuwa constituted of members of IEEE University of Moratuwa Student Branch, Dr Sisil Kumarawadu, Eng Bernad Perera, Mr. Senevirathne and Mr Rupasinhe. Dr Atputharajah and the students from University of Peradeniya joined the team at the BOI main entrance.

The day started with a presentation by the Factory Engineer Eng. Thushara Udakandage. After the morning refreshments, the delegation enjoyed a comprehensive guided tour in the factory.



Engineer Udakandage explaining the manufacturing processes

Lunch at the factory cafeteria was followed by a presentation by Dr. Atputharaja on his recent experience at the IEEE Section Congress. Dr Kumarawadu spoke about the benefits that the students would enjoy by being active with IEEE. He thanked Eng Udakandage for his efforts and presented him with an IEEE t-shirt, as a token of appreciation for his enthusiastic support. Students from the two universities also appreciated the event.

As the Student Branch believes that education should be enjoyable learning, they came up with an Educational extravaganza which was called “Fun filled Educational Extravaganza” that gave the students a good taste of knowledge on Robotics and Programmable Logic Controllers, while also participating in Quizzes and Games.

The formalities of the morning session were followed by a Robotics workshop by Dr Rohan Munasinghe, a Senior Lecturer at the university and an active member of the IEEE Sri Lanka Section, after which morning refreshments were served. Refreshments were followed by a display of Robots developed in the country and in the university and a quiz program was conducted before proceedings were adjourned for lunch.

The afternoon session started with the workshop on Programmable Logic Controllers that was followed by another quiz for the enthusiastic participants after which refreshments were served.



A Programmable Logic Controller Demonstration Circuit

Refreshments were followed by a game (“Treasure Hunt”). The day ended with the awards presentation where the winning teams of quiz competitions as well as the Treasure Hunt were awarded prizes. All participants were also presented with IEEE Student Branch caps. The facilitators were presented IEEE Student Branch t-shirts and caps in appreciation of their contribution to make the event a success.



Participants at the "Treasure Hunt"

The organizers were forced to limit the participation to 80 on a first come first served basis due to financial constraints even though there were a lot more who were willing to join.

The Induction Day of the Student Branch too was concluded successfully in early February where a new batch of members were recruited and assigned tasks. The University of Moratuwa Branch has a lot more in store for their membership with the immediate being a workshop on ATMEL. The Branch also plans to hold a Software Designing Competition with intentions of developing the skills of budding developers, A Robotics competition, Programmable Logic Controller Programming hands on seminar, a mini exhibition to motivate youngsters and to educate the general public, workshop on FOSS, and not forgetting their motto "enjoyable knowledge" A Cricket Fiesta and a Gaming Tournament. Identifying the necessity for the importance of Leadership Skills and Communication Skills in professionals the Branch also plans to organize workshops in those particular spheres.

Able guided by their staff adviser Dr Sisil Kumarawadu, the undergraduates at Moratuwa surely are looking forward to connect with the world and to making their Branch a hub to the world and to the engineers of tomorrow at the university.

Deshya Wijesundera
Secretary, IEEE University of Moratuwa Student Branch

Student Activities at Hyderabad Section

In the year 2008, IEEE Hyderabad Section was at its busiest, hosting events, forming new groups and educating many members about IEEE and its activities. The IEEE Hyderabad Section has been playing an important role with the goal of inculcating IEEE standards throughout the year. The Section, last year supported a plethora of activities. The success would have been unseen without the efforts, support and encouragement of the dynamic committee of the Hyderabad Section.

Student Activities in the Section

Global Integrated Network of IEEE (GINI) Hyderabad Section

Under the leadership of the SAC Mr Nookala Srinivas Rao and the guidance of the Mentor Mr Prasanna Venkatesan, with the effort from the Student Representative Mr Chaitanya, the IEEE Hyderabad Section GINI has been marching ahead for the goal of creating a strong network among the students that can strengthen the interaction among different Student Branches and also add value to the IEEE Student membership. Accordingly the Section has been separated in to different operating zones and zonal congresses have been conducted in

these zones (Reported below under Student Branches head). At all the 3 Zonal Congresses featured office bearers training where in there was a day long sessions by SAC and the mentor on the IEEE Student Branch functioning and operations. The office bearers were also given training on the IEEE values, goals and objectives and how to successfully run their Student Branches.

IIIT Hyderabad Student Branch

The IEEE Hyderabad Section, jointly with the International Institute of Information Technology, Hyderabad, organized a seminar on "Evolution of Design from Transistor Level to TLM: Interconnections, Processing Elements, Design Strategy and Tools" at IIIT Hyderabad. The seminar was delivered by Dr. Zainalabedin Navabi, from the Department of Electrical and Computer Engineering, University of Teheran.

The IEEE Computer Society Chapter in association with IIIT, Hyderabad organized a lecture on "Exploring, Sharing, Reflecting and Learning: One Laptop per Child" at IIIT, Hyderabad. The speaker was Dr. Sameer Verma. Dr. Verma is an Associate Professor of Information Systems at San Francisco State University, San Francisco, California.

IEEE ATRI Student Branch

Prashant K V, GINI representative and IEEE ATRI Advisor, was instrumental in employing a set of manuals and standards to administer a Student Branch and conducting any kind of event. They were one of the early adopters of SMS channels and Google Apps for communication among the student members. A lecture on "Nanotechnology" by Prof. N Ramachandra Rao (Dept of Biotech) saw an engulfing reaction which included facts of evolution, ethical issues, advantages and disadvantages in the field of nanotechnology. A seminar on "Non Conventional made Conventional" focused on fast degradation of fuels, their effect on the environment and a substitute in place of that by using natural resources. The whole session was echoed by the concept of "Go Green". Apart from these, "Evolution and applications of JAVA", "Seminar on Hacking", Tutorials on "Multisim" and "Website design" were organized.

A workshop on Micro-Controllers was conducted to impart basics of micro-controllers which included display of a micro-controller based automatic car. The coordinators received queries from the enthusiastic participants. Around 60 students were selected to participate in this workshop. It was sponsored and conducted by the IEEE ATRI Student Branch and was free for everyone.

The IEEE ATRI Student Branch also hosted the "Hyderabad Zonal Congress" which was a one day technical symposium with events like technical paper presentations, poster presentations, project presentations, technical debates and technical writings that saw participations from numerous colleges. Mr. Srinivas Nookala, Former SAC, IEEE Hyderabad Section was invited as the guest at the event.

(Prashant Rames for IEEE SB ATRI)

IEEE Student Branch NITW

The IEEE-Student Branch of NIT Warangal continued with another semester filled with innovative activities and events.

The IEEE Student Branch of NITW in association with the PES, IAS Joint Chapter, IEEE Hyderabad Section, organized its first major event for the year 2009 with the 2nd Edison Memorial lecture on the 11th of February 2009 (161st Birth anniversary of Thomas Alva Edison) to commemorate the contributions of "Thomas Alva Edison" towards the fields of mass production.

This year the Branch invited Dr. M. Ramamoorthy, former Director of CPRI (Central Power Research Institute) and ERDA and Fellow of IEEE. A lecture entitled “Modern Power Systems – A Bird’s Eye View” was delivered. More than 200 IEEE student members from different colleges in and around Warangal turned up to attend the lecture. The Chairman of the PES, IAS Joint Chapter, IEEE Hyderabad Section, Mr. V Akhilan, also graced the occasion.



The lecture dealt with the present day energy scenario and the pertinent problems. It stressed over the need for Distributed Generation and the related issues. The power sector reforms have forced restructuring of monolithic power utilities into independent entities for generation, transmission and distribution and private participation is encouraged. The Modern Power System is capable of providing reliable and quality power supply to the consumer.

The Branch Counsellor, Prof. DVSS Siva Sarma, gave a presentation on the “Role of IEEE in Professional Development.”

The Student Branch continued with its other activities like introducing the Fresher’s to the different clusters (Special Interest Groups) working under the Student Branch like Image Processing, Robotics, Aerospace, Power Quality and Nanorobotics. These clusters are forums where students with similar areas of interest come together to share their ideas and work on common industry defined problem.

Women Student Congress 2008

The WIE Student Branch Affinity Group of NIT Warangal organized the ‘Women Student Congress’ on 25th and 26th October, 2008. The inaugural ceremony for the Affinity group was held on 25th October, 2008. The ceremony was graced by the presence of Dr. K. Laxminarayana, Secretary IEEE Hyderabad, who was accompanied by Mr. Nookala Srinivas, SAC IEEE Hyderabad Section. The inaugural ceremony was witnessed by over 100 participants in NIT Warangal.

The first day of the congress witnessed various discussions with the Hyderabad Section officers. The Section officers imparted valuable information to the participants regarding Branch operations. The participants were enlightened with the importance of WIE and benefits associated with it. An enthralling speech was given by Prof. Vidyavathi, former Vice Chancellor of Kakatiya University. There was also a lecture presented by Mrs. Laxmi Ishwari, CDAC (Team Coordinator) on ‘Information Security’. The proceedings on the second day started with a lecture given by Dr. K Padma, Asst Prof., Centre for Management Studies, NITW. The lecture emphasized on developing one’s leadership, interpersonal and communication skills. Dr. L Radhika, Gandhi Medical

Hospital, Warangal continued the next session with the topic “Medical Technology”. Dr. Radhika spoke about the developments of technology and the support of engineering in the field of medicine. A general quiz related to achievements of women leaders was conducted which was followed by role of IEEE in professional development by Prof. D. V. S. S Siva Sarma, Student Branch Counsellor. The valedictory session was graced by the presence of Prof. M Sydullu, Director In charge, NITW. Apart from this there was a regular interaction session with the freshers by giving them an introduction about IEEE, the various clubs under the Student Branch in which students with common areas of interest come under the same umbrella.

(P Tejaswi for IEEE SB NITW)

IEEE Student Branch VBIT

The IEEE Student Branch of VBIT has come up with a very interesting idea of conducting a technical event especially for the first year B.TECH students. This is indeed a very good idea as this provides a platform for all the first year students (emerging engineers) to come forth in facing the present challenges outside their horizon and to exchange and express their ideas on various fields.

The whole event named Avishkar is segregated into two phases: firstly, the intra college event - where the students from the same college would participate in the paper presentation. Secondly, the inter college event – the three people selected in the intra college segment will be allowed to participate with students coming from various colleges across Andhra Pradesh. The event received a very huge response from the first years. After careful scrutinizing of 95 abstracts from various colleges, 23 papers were selected for presentations. The winners were presented with certificates and mementos.



The Intra college event was conducted on the 29th and 30th of December 2008 and the Inter College Event was conducted on the 26th of January 2009. More details about the event can be found at: <http://sites.google.com/site/avishkarvbitclub/>

(Chaitanya for IEEE SB VBIT)

IEEE Student Branch SNIST

The IEEE Student Branch at SNIST, Hyderabad, conducted a five-day designing workshop. The response was overwhelming. Students were given an insight into softwares such as Photoshop, Xara, CorelDraw and a few video editing softwares. The workshop was free for IEEE student members and the non-IEEE student members were charged an affordable/minimum amount to meet the expenses of the remuneration to be paid to the concerned people who taught the students. The workshop was well organized and successful

and was attended by around 100 IEEE members and 60 Non IEEE members.

On the first day the instructors started with making the students familiar with the basics of Photoshop and Xara software. Day 2 began with a brief revision of what was taught on day 1 and then the Photoshop software was dealt in more detail. Day 3 was devoted completely on teaching Xara software in full detail. Day 4 was the day when the students were introduced to various video editing softwares in brief. One particular video editing software that was dealt with in detail was the windows media player.

Apart from this, the Student Branch focused on encouraging the students to participate actively in the student meets. In order to implement this idea, they conducted a 'Mini Tournament'. The event was a part of the weekly sessions which are of two hours duration after the College and is divided into two parts: Technical and Non-Technical. In the Technical part the student members are given an opportunity to present a paper on any topic, to review a latest gadget, or to explain about any latest software that they have worked with. This activity was focused on enhancing the presentation skills of the members and to make them aware of the latest gadgets and software's that are available. The Non-Technical part consists of various activities like Group Discussions, Extempore, Debates, Mock Interview, etc aimed to improve the soft skills of the student members and to make them at par with the world. Finally, the prizes were distributed by the Branch Counsellor on their performances, in a span of 2 weeks.

(Sourabh Sanghi for IEEE SB SNIST)

IEEE Student Branch Vaagdevi College of Engineering

An IEEE Student Zonal Congress named "UTSANG 2008" was conducted by Vaagdevi College of Engineering, Warangal, on 13th to 14th of December 2008. It aimed at spreading awareness among students about the activities of IEEE and its associated benefits. Many eminent people addressed the student members. Dr. M. B. Srinivas, IIT, Chair IEEE Hyderabad Section enlightened the students with the crux of "Embedded Systems". A Talk on "PLC and its applications" was given by Mr. C. S. Murthy of Advanced Training Institute, Hyderabad.

Mr. Pandu Ranga serving at ISRO, Sriharikota acknowledged the student members with the succinct of "Chandrayaan" Likewise, information on "System on chip design, applications and challenges" was illuminated by Mr. G. Kalyan Kumar, working in AMD Processors, Hyderabad. IEEE membership benefits were highlighted by Dr. D. V. S. S. Siva Sarma, the Branch Counsellor of NIT Warangal and Mr. Prasanna Venkatesan, from IBM. A game named "Padmavyuham" was also conducted.

(Lakshmi for IEEE SB Vaagdevi Engineering College)

IEEE Student Branch Jayamukhi Engineering College

To improve the non technical skills of the students the Student Branch conducted a one day intra college event named "Amruthavarsham". This event consisted of various activities such as: quiz, creative writing, group discussions etc.

ABHIGNATHA 2008

"ABHIGNATHA 08" was the national level technical symposium conducted by the IEEE Student Branch of Jayamukhi Engineering College. The motto of this event is to improve the technical and non-technical skills such as communication skills, general awareness etc. The technical

session consisted of paper presentations, project presentations, a web designing contest to bring out the creativity of the participants and a technical quiz. The non-technical part consisted of art exhibition, JAM, general knowledge based quiz etc. The event received a good response by the active participation of the students.

IEEE SB Dadi Institute of Engineering and Technology (DIET)

IEEE Zonal Student Congress

The IEEE Zonal Student Congress was conducted by the Dadi Institute of Engineering and Technology on September 27 and 28, 2008. Special guest Prof. K. Rajarajeswari, Chairperson, IETE Visakhapatnam Center, Chief Guest Dr. M. B. Srinivas, Chairman, IEEE Hyderabad Section, Guest of Honour Sri N. Srinivas Rao, Student Activities Chair, IEEE Hyderabad Section graced the occasion. Prijoe Philipps, Region 10 GINI Coordinator gave a special seminar on "Know who I am". His seminar focused on enhancing personal development skills in students. This was followed by a session on "Importance of Research" by Prasanna from IBM Labs

(Parikshit Sagar for IEEE Student Branch DIET)

IEEE Student Branch GRIET

PRAGNYA '08 AT GRIET, HYDERABAD

The IEEE Student Branch of GRIET conducted PRAGNYA 08, its national level techno-management symposium during December 2008. It was presided over by Dr Lal Kishore, Rector, JNTU, Dr. I. V. Murali Krishna, (Retd) Ex-Director of IST and Shri Nookala Srinivasa Rao, SAC, IEEE Hyderabad Section, Director PS Raju, Principal Dr. J N Murthy, all of whom have stressed on how simple ideas can be expanded as stable products and inspired the participants to take part whole heartedly. Many competitions and exciting events such as guest lectures, coding contests, literary activities, etc in addition to paper presentations formed the itinerary of Pragnya '08. Events such as Workshop on Code Obfuscation and INNO-AD were unique to PRAGNYA'08, conducted for the first time in the Section. The college received an overwhelming 200 teams competing with each other in the robotics events. The prize money for the winners was sponsored by the IEEE Hyderabad Section.

Under the aegis of IEEE Hyderabad Section, the Student Branch has also conducted a two day workshop on microcontrollers and applications in collaboration with JNTU, Hyderabad.



(Raghav Pavan for IEEE SB GRIET)

**Dr D V S S Sivasarma sivasarma@ieee.org
Student Activities Coordinator, IEEE Hyderabad Section**

[Upcoming IEEE Conferences in Region 10](#)

<http://www.ewh.ieee.org/reg/10/Announcements/conferences.html>

2009 Conference on Innovative Technologies in Intelligent Systems and Industrial Applications (CITISIA) 25 Jul - 26 Jul 2009

Conference Location: Kuala Lumpur, Malaysia
Sponsored By: Malaysia Section, Student Branch at Monash Univ Sunway Campus
Abstract Submission Deadline: 01 Apr 2009
Final Paper Submission Deadline: 20 Jun 2009
<http://www.ieee-citisia.org>

2009 IEEE International Conference on Automation and Logistics (ICAL) 05 Aug - 07 Aug 2009

Conference Location: Shenyang, China
Sponsored By: Robotics and Automation Society – RA
Abstract Submission Deadline: 01 Apr 2009
Final Paper Submission Deadline: 15 Jun 2009
www.ieee-ical.org

2009 IEEE International Symposium on IT in Medicine & Education (ITME 2009) 14 Aug - 16 Aug 2009

Conference Location: Jinan, Shandong, China
Sponsored By: Beijing Section, China Council
Abstract Submission Deadline: 20 Apr 2009
Final Paper Submission Deadline: 10 Jun 2009
<http://www.itme2009.sdnu.edu.cn>

2009 9th International Conference on Electronic Measurement & Instruments (ICEMI 2009) 16 Aug - 19 Aug 2009

Conference Location: Beijing, China
Sponsored By: Instrumentation and Measurement Society - IM, Beijing Section
Abstract Submission Deadline: 30 Apr 2009
Final Paper Submission Deadline: 15 Jun 2009
<http://www.icemi2009.com>

2009 3rd International Conference on Anti-counterfeiting, Security, and Identification in Communication (2009 ASID) 20 Aug - 22 Aug 2009

Conference Location: Hong Kong, China
Sponsored By: Hong Kong Section CAS/COM Joint Chapter
Abstract Submission Deadline: 15 Apr 2009
Final Paper Submission Deadline: 20 Jun 2009
<http://www.ieee.org.hk/asid2009/>

2009 1st IEEE Symposium on Web Society (SWS2009) 23 Aug - 24 Aug 2009

Conference Location: Lanzhou, China
Sponsored By: Beijing Section
Abstract Submission Deadline: 10 May 2009
Final Paper Submission Deadline: 20 Jun 2009
<http://osrts.lzu.edu.cn/SWS2009>

2009 9th International Conference on Numerical Simulation of Optoelectronic Devices (NUSOD) 14 Sep - 18 Sep 2009

Conference Location: Gwangju, Korea (South)
Sponsored By: Lasers and Electro-Optics Society – LEO
Abstract Submission Deadline: 11 May 2009
<http://www.nusod.org/2009/>

2009 Fifth International Conference on Intelligent Computing (ICIC 2009)

16 Sep - 19 Sep 2009

Conference Location: Ulsan, Korea (South)
Sponsored By: Computational Intelligence Society – CIS
Abstract Submission Deadline: 10 Apr 2009
Final Paper Submission Deadline: 15 Jun 2009
<http://www.ic-ic.org/2009/index.htm>

2009 5th Asia-Pacific Conference on Environmental Electromagnetics (CEEM 2009)

16 Sep - 20 Sep 2009

Conference Location: Xi'an, China
Sponsored By: Electromagnetic Compatibility Society – EMC
Abstract Submission Deadline: 30 Jun 2009
Final Paper Submission Deadline: 20 Aug 2009
<http://www.china-cic.org.cn>

2009 International Conference on Applied Superconductivity and Electromagnetic Devices (AS EMD) 25 Sep - 27 Sep 2009

Conference Location: Chengdu, China
Sponsored By: Chengdu Section
Abstract Submission Deadline: 18 May 2009
Final Paper Submission Deadline: 14 Jul 2009
<http://www.asemd.org.cn>

2009 International Conference on Computational and System Biology (iCCSB) 09 Oct - 11 Oct 2009

Conference Location: Shanghai, China
Sponsored By: Engineering in Medicine and Biology Society – EMB
Abstract Submission Deadline: 01 Jun 2009
Final Paper Submission Deadline: 30 Sep 2009
<http://iccsb2009.sjtu.edu.cn/index.html>

2009 Fourth International Conference on Bio-Inspired Computing: Theories and Applications (BIC-TA 2009) 16 Oct - 19 Oct 2009

Conference Location: Beijing, China
Sponsored By: Beijing Section
Abstract Submission Deadline: 10 May 2009
Final Paper Submission Deadline: 30 Jul 2009
<http://www.bic-ta.org>

2009 2nd International Conference On Biomedical Engineering And Informatics (BMEI) 17 Oct - 19 Oct 2009

Conference Location: Tianjin, China
Sponsored By: Engineering in Medicine and Biology Society – EMB
Abstract Submission Deadline: 20 Apr 2009
Final Paper Submission Deadline: 20 Jun 2009
<http://www.tjut.edu.cn/cisp-bmei2009>

2009 Eighth International Symposium on Natural Language Processing (SNLP 2009) 20 Oct - 22 Oct 2009

Conference Location: Bangkok, Thailand
Sponsored By: Thailand Section
Abstract Submission Deadline: 20 May 2009
Final Paper Submission Deadline: 30 Jul 2009
<http://snlp2009.dpu.ac.th>

**2009 4th International Microsystems, Packaging,
Assembly and Circuits Technology Conference (IMPACT)
21 Oct - 23 Oct 2009**

Conference Location: Taipei, Taiwan
Sponsored By: Components, Packaging and Manufacturing
Technology Society - CPMT
Abstract Submission Deadline: 07 Jun 2009
Final Paper Submission Deadline: 31 Aug 2009
<http://www.impact.org.tw/2009/General/>

**2009 15th Microoptics Conference (MOC 2009)
25 Oct - 28 Oct 2009**

Conference Location: Tokyo, Japan
Sponsored By: Lasers and Electro-Optics Society - LEO
Abstract Submission Deadline: 08 Jun 2009
<http://www.comemoc.com/>

**2009 International Conference on Power Electronics and
Drive Systems (PEDS 2009) 02 Nov - 05 Nov 2009**

Conference Location: Taipei, Taiwan
Sponsored By: Industry Applications Society - IA, Industrial
Electronics Society - IE, Power Electronics Society - PEL,
Singapore Section IA/PEL Joint Chapter, Taipei Section
IE/PEL Joint Chapter
Abstract Submission Deadline: 10 Apr 2009
Final Paper Submission Deadline: 14 Aug 2009
<http://www.peds09.ntust.edu.tw>

**2009 IEEE Asian Solid-State Circuits Conference (A-
SSCC) 16 Nov - 18 Nov 2009**

Conference Location: Taipei, Taiwan
Sponsored By: Solid-State Circuits Society - SSC
Abstract Submission Deadline: 07 Jun 2009
Final Paper Submission Deadline: 15 Sep 2009
<http://a-sscc.org/>

**2009 IEEE International Conference on Signal and Image
Processing Applications (ICSIPA)
18 Nov - 19 Nov 2009**

Conference Location: Kuala Lumpur, Malaysia
Sponsored By: Malaysia Section SP Chapter
Abstract Submission Deadline: 15 Jun 2009
Final Paper Submission Deadline: 28 Sep 2009
<http://www.sp.ieeemalaysia.org/ICSIPA09/>

**TENCON 2009 - 2009 IEEE Region 10 Conference
23 Nov - 26 Nov 2009**

Conference Location: Singapore, Singapore
Sponsored By: Region 10 - Asia and Pacific, Singapore
Section
Abstract Submission Deadline: 01 Apr 2009
Final Paper Submission Deadline: 15 Aug 2009
<http://www.tencon2009.org>

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conference business is conducted, please visit:
<http://www.ieee.org/web/conferences/organizers/index.html>

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