

Message from Director**Welcome to the Second Issue of the R10 Newsletter in 2008**

This issue of our Newsletter gives a reader a great insight into activities of IEEE Sections, Councils, Student Branches and GOLD and WIE affinity groups in our Region. You can also find out which Sections were selected as 2007 R10 Distinguished

Large and Small Sections and which Student Branch won the R10 Website Contest (my congratulations to all the winners). It is very inspiring to read stories and see photographs being shared from every corner of our large IEEE Community. I have learnt so much by reading the draft and I feel very encouraged that we implement the vision of IEEE and goals of Region 10 set for 2008 in many ways, for the benefit of our society. I am sure that you will feel the same way.

The stories in this Newsletter illustrate our activities in the past three months but even more is happening at the moment. Several new ideas and programs decided during the Region 10 meeting in Ahmedabad are in development. This includes the GINI project - an activation of Student Branches – based on a very successful LINK concept developed by the Kerala Section. Our R10 Student Activities Chair, Mini Thomas, and several volunteers from six countries are devoting a lot of energy and time to this pilot project. Also the India Council has started its National Distinguished Speaker project with funding from the New Initiatives Program. Also all the Committee Chairs are realizing their approved programs and you will hear about them in our next newsletter.

Two IEEE Vice Presidents, Roberto De Marco and Joe Lillie together with three speakers from the Communication and Computer Societies just completed a visit to our Region. Meetings with IEEE members, University and Industry executives and technical presentations were held in China (Hong Kong, Shenzhen, Macao), Thailand (Bangkok) and Vietnam (Ho Chi Minh City, Hanoi and Hoi An). The TAB/MGAB Visit program is lead by the Technical Activities Board Chair and is held annually. Our Region was selected for the 2008 Visit. I would like to thank Khaled Ben Letaief (2008 Visit Chair), Sections Chairs and everyone involved for their efforts.

Preparations for the Section Congress to be held in Quebec, Canada, from 18 to 22 September 2008 are in full swing. Two Sessions will be presented by IEEE members from our Region. Examples of humanitarian projects carried out in Region 10 will be presented by Amarath Raja (Chair, Kerala Section), Sampath (Madras Section) and Ramalatha (R10 WIE Coordinator). The second Session is devoted to activation of Student Branches achieved through our LINK and GINI projects, and the speakers are Mini Thomas, our R10 SAC, S. Gopakumar from Kerala Section, Prijoe Philips Komattu from Madras Section and myself.

Please make sure your details and email address as registered by the HQ are correct. This will enable you to participate in

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Upcoming IEEE Conferences in Region 10**Region 10 Executive Committee 2008**

the incoming election for the next Region 10 Director-Elect as well as for IEEE President-Elect and other Executive positions. You can read Position Statements of two candidates to lead our Region in the years 2011-12 in this Newsletter. I hope that the number of voters from our Region in the 2008 Elections will double as compared to the last year.

I wish you all a very successful next three months till our next Newsletter.

Janina Mazierska

2008 IEEE ANNUAL ELECTION

IEEE REGION DELEGATE-ELECT/DIRECTOR-ELECT 2009 - 2010 REGION 10 DELEGATE/DIRECTOR 2011 - 2012

(Candidates listed in alphabetical order by first name)



LAWRENCE W. C. WONG

(Nominated by Region 10)

Professor and Head, Department of
Electrical and Computer Engineering
National University of Singapore
Singapore

<http://www.ece.nus.edu.sg/staff/webpages/elewocl.htm>

To create meaningful and sustainable benefits and value to members through enhancing the role of local IEEE entities working in synergy with IEEE headquarters.

Lawrence Wong is Professor and Head, Department of Electrical and Computer Engineering, National University of Singapore (NUS). He is concurrently Deputy Director (Administration) of the Interactive and Digital Media Institute at NUS. He was previously Executive Director of the Institute for Infocomm Research (I²R) from Nov 2002 – Nov 2006. Prior to joining NUS in 1983, he was a Member of Technical Staff at AT&T Bell Laboratories, Crawford Hill Lab, NJ, USA from 1980 to 1983.

He received the B.Sc. (1st class Honours) and Ph.D. degrees in Electronic and Electrical Engineering from Loughborough University, UK, in 1976 and 1980, respectively. His research interests include wireless networks and systems, and source matched transmission techniques with over 200 publications and 4 patents in these areas. He was a co-recipient of the IEEE Marconi Premium Award 1989, the e-nnovator Award 2000, IEEE Millennium Award 2000, and co-author of the Best Paper Award at the IEEE International Conference on Multimedia and Expo (ICME 2006).

He has been actively involved in IEEE activities since 1984 taking on numerous volunteer leadership positions, including IEEE Singapore Section Chair from 1993 – 1996, chairmanship of numerous IEEE conference organizing committees and numerous volunteer positions at the Section, Chapter and Region 10 levels.

Position Statement

I believe the need to enhance value to members is of paramount importance to enable IEEE to grow. In Region 10, it is the quality of the technical publications and events that draws many to join the IEEE and to enable them to grow in their profession and careers. At the local level, it is the local IEEE Sections or Chapters where there are greatest opportunities to reach out to members and to provide them with tangible value and benefits. However, this is a key challenge facing IEEE volunteers. I intend to enhance the role of the local IEEE entities, working in synergy with Piscataway to meet such challenges and in so doing create meaningful and sustainable benefits to members. The strategies to foster vibrancy at the volunteer level and value enhancement at the membership level will include:

- Putting in place mechanisms to guide, advice and assist IEEE volunteers to meet the needs of members

- Initiating strategic programs and projects to seed and catalyze interest, excitement and vibrancy in Sections and Chapters
- Developing and adopting effective, accountable and transparent entity governance
- Leveraging on internet technologies to bring services to members and to facilitate sharing and networking
- Building stronger linkages and awareness between local entities and IEEE headquarters
- Promoting Distinguished Lecture programs and TAB Colloquia for the benefit of larger community of members across Region 10
- Exploring ways to increase member benefits

IEEE Activities

R10 Conference Coordinator, Jan 2007 – present; R10 Strategic Planning Coordinator, Jan 2003 – Dec 2006; R10 Section/Chapter Support Coordinator, Jan 2002 – Dec 2003; R10 Electronic Comms Coordinator, Jan 1997 – Dec 2001; IEEE Individual Benefits & Services Committee Member, Jan 1997 – Dec 2001; IEEE Member Conduct Committee Hearing Panel Member, Jul 2000 – Jun 2002; R10 Rep on IEEE Individual Benefits & Services Committee, Jan 1997 – Dec 2000; IEEE Singapore Section Advisory Panel Chair, Mar 1997 – Mar 1998; IEEE Singapore Section Chair, Feb 1993 – Feb 1996; R10 Awards Committee Chair, Jan 1995 - Dec 1996; IEEE Awards & Admissions Committee Member, Jan 1994 – Dec 1995; IEEE Computer Society Asian Activities Committee Member, Jan 1990 – Dec 1993; IEEE Singapore Computer Chapter Deputy Chair, 1990 – 1991; IEEE Singapore Section Deputy Chair, 1988 – 1991; IEEE Singapore Computer Chapter Chair, 1987 – 1989.

IEEE Accomplishments

- Started the conference series, Singapore International Conference on Networks (SICON) in 1989, which subsequently became the International Conference on Networks (ICON) in 2000. This conference series has successfully facilitated collaboration between IEEE Singapore Computer Chapter and regional IEEE entities with its hosting across the region.
- Built a robust, sustainable and empowered IEEE Singapore Section as Section Chair in 1993-1996 that led to significant growth in activities and membership in Singapore. Chapters grew in strength with enterprising projects. Universities benefited from these with several sponsored and endowed student awards.
- As Local Arrangements Chair of IEEE GLOBECOM 1995, led a dedicated team that ensured successful and smooth execution of the conference dealing with challenging needs of the conference and committees.
- As IEEE R10 Awards Committee Chair in 1995, started the Region 10 outstanding volunteer awards.
- As IEEE R10 Electronic Communications Coordinator in 1997, launched the IEEE R10 website, and rallied the support of Councils/Sections/Chapters across the Asia-

Pacific region to leverage on the newly available EWH server to host their respective websites.



R. MURALIDHARAN

(Nominated by Region 10)

Vice President – Technical
Nayna Networks India
Mumbai, India

www.ieee.org/bombay/MuralidharanR10candidate2008.pdf

Further the cause of IEEE by motivating volunteers, enhancing member values and come together with industries, institutions, national societies and organizations.

R. Muralidharan is an IEEE Senior Member, and has been a volunteer for 28 years.

Mr. Muralidharan graduated in Electronics and Telecommunication Engineering, 1977, College of Engineering, Trivandrum, India, and did Post Graduation in Electrical Engineering (Computer), 1977-79, IIT Bombay, India.

He played a major role in the development of the IEEE in India especially Bombay Section for the last 15 years resulting in a tremendous membership growth and establishment of a large number of Student Branches. Bombay Section has the world's second largest number of Student Branches. He propelled Region 10 to be the largest IEEE region as Chair of the India Council (2004).

He works with Nayna Networks India, the India R&D Centre of Nayna Networks, Inc. in the area of Optical Networking & FTTH solutions. Prior to this, he was the Senior Manager (Des & Dev) at Tata Electric Companies R&D Labs, Mumbai, developing mission critical real time solutions.

Position Statement

It is an honour and privilege to be nominated for the position of Region 10 Delegate-Elect/Director-Elect and I am proud to accept it. I pledge to work on the following at a minimum:

- Develop systems and mentors to transform inactive Student Branches to active ones.
- Motivate Sections to organize yearly Job Fairs.
- Develop strategies for retention of student members.
- Work to extend the Financial Advantage program to Region 10.
- Impress Industries to recognize the Society certifications of Professionals with rewards.
- Work with industries to rely on the IEEE Job Site for qualified and reliable human resources.
- Popularize the transformation of RAB to MGA highlighting the key "Member Development" task.
- Develop Distinguished Visitor Programs for specific countries in Region 10.
- Continue the growth and unity of Region 10.
- Formulate methods to ensure IEEE's financial health and value for members.

- Interact with Councils, Sections, Chapters and Student Branches to effectively achieve the IEEE and specifically the Region 10 goals.

I appreciate your vote and support to further the cause of IEEE in Region 10 and worldwide.

IEEE Activities

(S'77-A'82-M'86-SM'00) COMMITTEE/BOARD: IEEE Alternate Membership Models Committee, Member, 2007-08; MGA Strategic Direction and EA Committee, Member, 2008. SOCIETY: Communications Society, Membership Relations Council, Member, 2008. COUNCIL: IEEE India Council, Vice Chair, 1995-2001; Executive Vice Chair, 2002; Chair, 2003-04; Immediate Past Chair, 2005-06. SECTION: IEEE Bombay Section, Secretary, 1995-96; Vice Chair, 1997-98; Chair, 1999-2000; Immediate Past Chair, 2001-02; CHAPTER: Computer Society Bombay Section, Secretary, 1983-86; Chair, 1999-2001; Awards and Recognition Committee, Chair, 2001. CONFERENCES: Convention and Exhibition of IEEE India Council (ACE), General Chair, 2000, 2003; IEEE India Conference (INDICON), General Co-Chair, 2004; International Conference on Personal Wireless Communication (ICPWC 1999), Organizing Committee Member, 1999. REPRESENTATIVE: Member of Board of Governors, Engineering Council of India, 2003-04.

IEEE Accomplishments

- In 2004, transformed the low key Annual Convention and Exhibition of IEEE India Council (ACE) to the IEEE India Conference (INDICON), meeting all IEEE conference and Xplore requirements. Since then, this annual event has been well received by professionals in India.
- As Bombay Section Chair, grew Student Branches by 15 and started 3 Chapters in Bombay.
- As India Council Chair, received a special award of US\$1000 for the funds starved Council, for supporting the IEEE Job Site in 2004.

Update Your Profile, Get Ready to Vote

The annual IEEE election is around the corner, and it's time to ensure your ballot reaches you. Make certain that IEEE has your up-to-date postal and email addresses before 30 June. This time around, ballots will be mailed by 1 August - a month earlier than in the past. So make sure the address you provide is where you would like the ballot package to be sent. For more information, visit:

<http://bmsmail3.ieee.org:80/u/11726/03474392>

See information about new deadlines for IEEE Election on page 8.

**R10 Distinguish Large Section and Small Section Award
Winners for 2007**

It is my pleasure and honour to announce the results of the 2007 R10 Distinguish Large Section and Small Section Award.

The R10 Award Committee has selected **Bombay Section as the 2007 R10 Distinguish Large Section. South Australia Section has been selected as the 2007 R10 Distinguish Small Section.**

The selections of the two Awards are based on the performance summarized in the 2007 Annual Report submitted by R10 Sections. All the received 2007 R10 Section Reports are posted on Region 10 website at:

<http://www.ewh.ieee.org/reg/10/Reports/secprep/2007srep.htm>

Bombay and South Australia Section would be nominated to participate in the MGA Outstanding Large and Small Sections Award Program.

Congratulation on job well done by Bombay and South Australia Sections!

Y W Liu
R10 Award Committee Chair

Results of R10 Student Branch Website Contest 2008

I am delighted to declare the results of the R10 Student branch website contest 2008.

First let me congratulate the Student Branches which participated in the contest and from the final scores, it's evident that we had a tough competition. A heartfelt "thank you" to all the judges who took time to judge the contest, which had 6 criteria with around 40 sub-criteria for judging.

Congratulations to the following winning Student Branches. The first two will enter in the Inter Regional Contest. Best wishes!

First Place: US\$ 500 & Certificate

The University of Western Australia, Australia

<http://www.uwaiee.org>

Second Place: US\$ 350 & Certificate

International Institute of information Technology
Bangalore India

<http://www.ieee.org/iiitb>

Third Place: US\$ 200 & Certificate

Thadomal Shahani Engineering College, Bombay, India

<http://www.ieee-tsce.org>

Consolation Prize: Certificate

Rajagiri School of Engineering & Technology, Kerala, India

<http://www.ieeeraset.org>

Congratulations! Best wishes to all the other Branches, better luck next time.

Let me thank Om Perakash Batra RSR for all the help.

Mini S. Thomas
R10 SAC Chair

**Region 10 GOLD Delegates to GOLD Summit and
Sections Congress**

The first IEEE GOLD Summit is scheduled for 18 and 19 September 2008 in half-day sessions prior to IEEE Sections Congress 2008 in Quebec, Canada. IEEE GOLD feels that the GOLD Summit event and infusion of young professional members at IEEE Sections Congress 2008 will provide confidence that young professional members want to be involved in activities and work in leadership roles.

Region 10 has been very progressive in funding 5 GOLD delegates (compared to the average 3 delegates expected per region) to attend both the GOLD Summit and Sections Congress 2008. An open call for application to be considered as one of the R10-sponsored GOLD delegates has attracted a total of 16 applicants: 7 from India, 2 from Australia, 1 from New Zealand, 1 from Singapore, 1 from Malaysia, 1 from Bangladesh, 1 from the Philippines and 1 from Hong Kong.

After very careful consideration, Region 10 Director and I have selected five delegates based on two primary selection criteria, "positive track record of past and existing involvement with IEEE activities" and "potential IEEE future leader with good leadership and management skills, and commitment to future IEEE involvement".

They are:

Sampathkumar Veeraraghavan, Madras Section

- 2008 Sections Congress Speaker
- 2007 R10 GOLD Award and RAB GOLD Achievement Award
- Chaired Organising committee of R10 Student /GOLD & WIE Congress 2008

Prijoe Philips Komattu, Madras Section

- 2008 Sections Congress Speaker
- R10 GOLD group clustering idea/R10 working group formation facilitator
- 2005 Larry K Wilson Award

Timothy Wong, Western Australia Section

- 2008 GOLD Summit R10 Leader
- Acting in the capacity of Assistant R10 GOLD Coordinator
- Chaired Student Branch to win 2007 Australia Council Outstanding Student Branch Award

Aju Thomas Abraham, Kerala Section

- 2008 GOLD Education Society Coordinator - IEEE international GOLD Committee
- 2008 Membership Development Chair - Kerala Section
- 2008 Chair, Kerala Education Society, India Council

Lau Fung Yeung, Hong Kong Section

- Assisting in a native language information campaign targeting to facilitate formation of new GOLD groups in Chinese and Japanese Sections
- R10 GOLD Group clustering idea initiator
- Helping to overhaul R10 GOLD website

A score sheet containing further details has been sent out with the announcement by R10 GOLD Summit Coordinator Timothy Wong.

Helene Fung
R10 GOLD Coordinator

CONGRATULATIONS TO OUR 20 NEW SENIOR MEMBERS!

The last Admission and Advancement (A&A) Review Panel meeting held on 24 May 2008 in Toronto, Canada approved 20 new senior members in Region 10. The 20 new senior members belong to the following R10 Sections:

Australian Capital Territory Section	1
Beijing Section	2
Bombay Section	2
Daejeon Section	1
Gujarat Section	1
Hyderabad Section	1
Indonesia Section	1
Madras Section	1
Malaysia Section	3
Nanjing Section	1
Queensland Section	1
Seoul Section	1
Singapore Section	1
Uttar Pradesh Section	1
Xian Section	2

The next IEEE Senior Member Review Panel Meeting will be held on 21 June 2008, in Denver CO., USA. To check on the status of Senior Member applications, please visit

<http://www.ieee.org/web/membership/senior-members/status.html>

(Please also see the article "The Nominate a Senior Member Initiative" in this issue)

HELP FROM IEEE APO CENTRE FOR SECTION OFFICERS

Most of you would be by now familiar with the use of Analytics for SAMIEEE to access your Section's database. The database contains very valuable information for Sections' Chairs to manage their Sections effectively.

Serena Dhing, Project/Administrative Executive Officer, has recently created a step by step instruction on how to use Analytics for SAMIEEE (IEEE membership database). You may download the instructions from APO Centre webpage:

<http://ewh.ieee.org/ieee/apo/Region10/SAMIEEE.html>

If you or your MD Chair has difficulty understanding how to query Analytics, please send us an email. Serena may be able to guide you.

Serena has also created and posted a few membership slides which you and your Membership Development Chair may find useful for preparing presentations with. You may download it from APO Centre webpage by this link:

<http://ewh.ieee.org/ieee/apo/Region10/Stats and Graphs.html>

Fanny Su (Manager)

IEEE Asia Pacific Operations Centre, Singapore

Please send your news items and articles to R10 Newsletter Editor by email:

r10-ecn@ieee.org

Please send photographs in JPEG format in separate files

IDEAS? SUGGESTIONS? WISHLISTS?

HAVE YOUR SAY!!

CALLING FOR EXPRESSION OF INTERESTS AND IDEAS for the Next Generation R10 Web Site

The World Wide Web and Internet as we know it has quietly (or not so quietly) evolved over the past years. From the humble beginning as a communication channel to display static information based on client-server architecture, TCP/IP communication protocol and HyperText Markup Language (HTML), the Web has entered into a virtual environment with rich digital content and massive community involvement.

We have entered the Web 2.0 generation!

However, it is difficult to define what Web 2.0 is. The term really encompasses a range of diverse technologies and applications. In general, the characteristics are as follows:

- Community Based
 - Architecture facilitating user participation & user-created contents.
- Web Technology
 - Web platforms and rich applications
- Social Networking
 - Community members profiles and content
- Social Collaboration
 - Collaborative work & instant communication
- Social Publishing
 - Sharing contact, social tagging & social validation
- Mash up
 - Integration of technologies including spatial information
- A Virtual world
 - A cyber environment mimicking or reflecting the physical world. Virtual and/or augmented reality.

Other attributes include: freeform, informal, socially enabled, participative, community and simplicity.

Region 10 is looking for ideas and proposal for a Web 2.0 project to serve the IEEE communities within the Region with some of these exciting tools and technologies.

You are invited to provide your suggestions, ideas and wish lists on what should be included in this new Web environment. In addition, we'd like to know your experience and whether you'll intend to use such a system?

Please email us at: r10-ecn@ieee.org

Your assistance is greatly appreciated.

Lance Fung, Lawrence Wong and Zia Ahmed

R10 Distinguished Speaker Tour by Seiichi Takeuchi, R10 Director 2005-06

Prof. Takeuchi of Tokoy Denki University conducted a R10 Distinguished Speaker tour to Shanghai, Xiamen and Guangzhou, China in March 2008. The topic was the New Information Technology in Communication Systems. He introduced his research in the optical fibres and the wave division multiplexing technology in Japan. Prof. Takeuchi, an expert in the field, has been engaged in optical communication for past 35 years.

Shanghai University

On March 20, one lecture was given to IEEE members and faculty staff and another to undergraduate students at the Shanghai University, with a total of 160 in attendance. The lectures at Shanghai University were very informative and interactive with undergraduate students raising many good questions.

Shanghai Subsection was elevated to full Section in 2007 with total of 617 members as at December 2007. The Shanghai Section is affiliated to the Shanghai University.



Y W Liu, R10 Award Committee Chair and Prof. Takeuchi outside the Shanghai University

Xiamen University

The second lecture was conducted in Xiamen University, Fujin Province, China. Xiamen University is one of the 20 important national universities. Xiamen is located in South East tip of China and next to the Taiwan Strait. The island is famous in the design and manufacturing of the Integrated Circuits. The industry is supported by the high-tech and research output from the Xiamen University

The lecture was conducted on March 21 with 50 plus graduate and research student present at the lecture. Prof. Donghui Guo, Dean of Engineering of Xiamen University, received and organized the lecture tour. He indicated that Xiamen is one of the fastest growing high-tech industrial cities and he is helping to form an IEEE Section in Xiamen.



South China University of Technology

The third lecture was conducted in South China University of Technology, Guangzhou, China. Guangzhou is the largest city in southern China and the University is the major source of experts and engineers for the factories in Pearl River Delta.

The lecture was delivered on March 24 and was well attended by more than 40 graduate and research students.



The R10 Distinguished Speaker tour was part of the continue effort for the China Promotion Project initiated by Prof. Takeuchi during his term of R10 Directorship. It is considered very successful in further promoting IEEE membership in China. Most of the audiences learned for the first time about IEEE. Y W Liu, R10 Award Committee Chair, helped to organise the tour and gave advices to local volunteer for the formation of new Sections in various cities in China. The visit also served to answer questions from local volunteers regarding the formation of Section and its subsequent management.

Dr. Seiichi Takeuchi
IEEE S'72, M'74 SM'91, F'97, R 10 Director 2005-06

Nominate a Senior Member Initiative

The Nominate a Senior Member Initiative was designed to encourage all IEEE Sections and Societies to become actively involved in promoting the Senior Member grade. To qualify for the 2008 Nominate A Senior Member Initiative, completed Senior Member application and reference forms must be received at IEEE no later than 5 November 2008.

Nominating Sections and Societies who nominate at least five successful new Senior Members will be awarded US \$10 for each Senior Member they nominate who is approved for elevation to Senior Member in 2008. As a result, no rebate will be awarded if it is for less than US \$50. To be credited as the nominating entity, the name of the Section or Society must be entered in the nominations portion of the application form. There can only be one nominating entity for each elevation. If there is no entity nominator listed, none will be credited and none can be added retroactively. If the nominating entity listed is a Subsection or a combined entity, the incentive will be awarded to the Section the Subsection belongs to or to the first entity cited.

Rewards will be tracked on an ongoing basis for all applications received by 5 November 2008 and successfully approved by the Admission and Advancement Committee. The incentive reward payments to the successful nominating Sections and Societies will be paid out in early 2009 or in conjunction with the Section Rebate Program.

For a successful campaign

- Encourage qualified members to apply for Senior Member (SM) elevation. Use SAMIEEE to identify potential SM candidates and assist applicants in identifying SM references.
- Assist candidates in finding Senior Members and Fellows who can serve as references.
- Conduct SM elevation events at least twice a year.
- Explain the qualifications and have applicants complete applications at a special Senior Member Nomination and Elevation session.
- Have Fellows and Senior Members on hand to meet applicants and for applicants to acquire the references needed.
- Encourage newly elected Senior Members to take an active role serving as references.
- Form Senior Member nominating committees in your Section to nominate worthy Members for Senior Member elevation.
- Send an e-mail notice to potential Senior Member candidates encouraging them to apply for Senior Membership.
- Organize Senior Member nomination events for your entity inviting potential Senior Member candidates as well as current Senior Members and Fellows who could serve as references. At these gatherings, provide assistance to candidates on accessing and completing the necessary forms.
- Hold annual awards banquets or dinners and invite newly inducted IEEE Fellows and Senior Members elevated during the year to give them their due recognition. Present them with a certificate, include their names in the program, or simply read out their names to the assembled guests. Don't forget to publish their names in the Section or Society's newsletter or Web page.

How to Become an IEEE Fellow



Do you know an IEEE colleague who has made outstanding contributions to the electrical and electronics engineering profession? If so, consider nominating him or her as an IEEE Fellow. The deadline for receipt of complete IEEE Fellow nominations for the Class of 2010 is 01 March 2009.

At the time the nomination is submitted, a nominee must be an IEEE Senior Member whose membership is current and who has completed five years of service in any grade of membership. Note: IEEE affiliate membership does not apply. The nominee can come from any field, including academia, government and industry.

Any person, including a non IEEE member, can nominate an IEEE Senior Member. The Nominator cannot be a member of the IEEE Board of Directors, the IEEE Fellow Committee, an IEEE Technical Society/Council Fellow Evaluating Committee Chair, a member of IEEE Technical Society/Council Fellow Evaluating Committee reviewing the nomination, or IEEE Staff.

The nominator is responsible for:

- Preparing the IEEE Fellow Grade Nomination Form
- Soliciting at least five, but no more than eight references capable of assessing the nominee's contributions. The references must be an IEEE Fellow in good standing. Referees cannot be members of the IEEE Board of Directors, the IEEE Fellow Committee, IEEE Technical Society/Council Fellow Evaluating Committee reviewing the nomination, the Nominator or IEEE Staff. Note: References will be accepted if a referee is an IEEE Senior Member in good standing and the nominee they are serving as a reference for resides in Region 9.
- Identifying an IEEE Society/Council whose evaluating committee will assess the nominee's technical qualifications and contributions
- The option of soliciting no more than three Endorsements that can attest to the nominee's field of technical accomplishments. Endorsements cannot be members of the IEEE Board of Directors, the IEEE Fellow Committee, IEEE Technical Society/Council Fellow Evaluating Committee reviewing the nomination, the Nominator or IEEE Staff.

The process consists of two reviews. The first evaluation is completed by the IEEE Society/Council that the Nominator identified on the nomination form. The Technical Society/Council evaluation is extremely important, because it is an impartial and even-handed view of the nominee's merit, by persons who are familiar with his or her work. Once the Technical Society/Council review is completed, their comments are given to the Fellow Committee.

All nomination materials are forwarded in confidence to the IEEE Fellow Committee, consisting of 52 members, who are all IEEE Fellows selected to represent the 10 IEEE Regions, and have expertise in the technical areas represented by IEEE Technical Societies/Councils.

The Fellow Committee recommends nominees to the IEEE Board of Directors, according to the following criteria:

- Significant contributions as Educator, Application Engineer/Practitioner, Research Engineer, Research Scientist or Technical Leader.

- Evidence of technical accomplishments
- Evaluation by the IEEE Technical Society/Council selected by the nominator
- Confidential opinions of references and endorsements
- Service within IEEE and/or other professional engineering organizations
- Total years in the profession

The Fellow Committee submits its nominees to the IEEE Board of Directors during the 3rd Quarter, and the Board acts upon those recommendations at its year-end meeting.

According to IEEE Bylaw I-306-8, the total number of Fellow recommendations in any one-year must not exceed one-tenth of one percent of the voting membership on record as of 31 December of the year preceding.

For additional information, nominations instructions, forms and more please visit <http://www.ieee.org/fellow>

Frank Romano

Administrator, Fellow Activities
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 Tel: 732.465.6463, Fax: 732.981.9019

Call for Fellow Nominations

Nominations are being accepted for the IEEE Fellows class of 2010. The rank of IEEE Fellow is the institute's highest member grade, bestowed on an IEEE Senior Member who has had an extraordinary record of accomplishments in any of the IEEE fields of interest. The deadline for nominations is 1 March 2009.

Senior Members can be nominated in one of four categories: application engineer/practitioner, research engineer/scientist, educator, or technical leader.

The Fellows Web pages contain information regarding the history of the IEEE Fellows program, the nomination process, access to the Fellows Nomination Kit, lists of Fellows who are eligible to be references and more about the Fellow program. Please visit the Fellows website at <http://www.ieee.org/fellows>

New IEEE Election Deadlines

The IEEE Board of Directors approved several deadline changes related to the annual election, effective with the 2008 IEEE Annual Election. These changes move up most of the annual election deadlines, but not all, by one month as follows:

- 1 August** - IEEE annual election ballots are mailed to all voting members
 Electronic access of the ballot will be live
- 1 October** - All ballots must be received by the election vendor at 12:00 noon Central Daylight Time USA (17:00 GMT)
- 13 October** - Last day for Tellers Committee to announce vote tally to IEEE Board of Directors
 Unofficial results reported
- 16 November** - IEEE Board of Directors acts to accept report of Tellers Committee
 IEEE Annual Election results are made official

All eligible voting members will receive a paper ballot and postage paid reply envelope in their ballot package via first class mail. The ballot will include electronic access and return information.

The annual election candidate biography booklet will be mailed to members who voted by paper in last year's election. New members, and those elevated to Member or Graduate Student Member grades on or before 30 June 2008, will be eligible to vote for the first time.

Members who transmitted their ballot electronically, or failed to vote in last year's election, will not receive the candidate biography booklet in the mail.

For more information, contact Carrie Loh, IEEE Corporate Activities, at c.loh@ieee.org.

<http://www.ieee.org/web/aboutus/corporate/election/index.html>

Words of Wisdom

This writing is inspired by a reference made by 2009 IEEE President & CEO, John Vig during the Region 10 meeting at Gujarat in Feb.'08, indicating his plans to start a "life sciences" activity under IEEE. He quoted from The Economist: "What physics was to the 20th century, biology will be to the 21st"

We, engineers, have learned a lot from biological systems and applied them extensively in the systems we devised. This process continues as the nature is a store house of methods proven over several years which can be readily adapted in many engineering systems. A case in point is the ants – the tiny cousins from the insect world. Ants not only work hard but are prepared to lay down their lives for their fellow ants. For example, the older ants take bigger risks for the good of the colony, sparing the youngsters to do lighter jobs and live a full life. They can even assess how much time they have left in life.

In relation to their size, ants can carry 10 to 20 times their body weight and work in teams to move extremely heavy objects. Ants make use of their two stomachs – one for their own food and the other for their cousins in the colony. The mushroom based brain of ants, the largest among insects, has computing power equivalent to a Mac II, it is estimated.

In the matter of crowd management, engineers can learn lessons from ants, who excel without any modern traffic control system. They follow the paradox of crowd behaviour: Slower is faster. If the average speed of each individual moving is slower, the whole crowd will be evacuated faster and the ants know this well. They move faster in crowded situations by working as a team, the lessons from which can be applied to develop better crowd control and traffic flow systems for town planning.

N.T. Nair ntnair@ieee.org
Chair, IEEE India Council

Send your news items and articles to R10 Newsletter Editor by email:

r10-ecm@ieee.org

The schedule for the remaining 2008 R10 Newsletter

Publication Date	Deadline for submissions
September 2008	15 August 2008
December 2008	14 Nov 2008

COUNCILS AND SECTIONS NEWS & HIGHLIGHTS

IEEE India Council

National Distinguished Lecturer Program - Inauguration at IEEE Kerala Section 24 May 2008

The IEEE National Distinguished Lecturer Program (NDLP) is a new initiative of the IEEE India Council to have a National Repository of eminent and distinguished experts who will be available for giving lectures on topics of their interest across the ten IEEE Sections in India. These speakers are to carry out lectures, tutorials etc. so as to increase the outreach of the IEEE Sections and update members and students of engineering colleges on new technologies of interest. India Council will meet 70% of these Distinguished Lecturers' travel expenditure and honorarium. Local hospitality like booking of accommodation, transport, food, etc is to be borne by the requesting unit. NDLP program envisages conducting around 300 lecture programs in 2008.



India Council has appointed Mr. S. Gopakumar, former Chair of Kerala Section as the National Coordinator for the program. Five Sections of India Council have already identified Section level coordinators. Kerala and Gujarat Sections have started enrolling speakers under this program.



Inauguration Ceremonial lighting of lamp by Mr. N. T. Nair, Chair, IEEE India Council

The first program of this initiative was inaugurated in IEEE Kerala Section by Mr. N. T. Nair, Chair, IEEE India Council with a talk on Free and Open Source Software by Mr. Amarnath Raja, Chair, IEEE Kerala Section. This event was held at the Mohandas College of Engineering and Technology, (MCET), Thiruvananthapuram. This was organized by the MCET IEEE Student Branch and the NDLP Coordinator for IEEE Kerala Section Mr. Aju Thomas with the active support of Mr. S. Gopakumar – NDLP Coordinator, IEEE India

Council. Over 100 students participated for this invigorating talk. Many IEEE Student Branches have evinced keen interest in this initiative of the IEEE India Council



Inauguration of the IEEE India Council NDLP at the IEEE Kerala Section (From Right to Left) : Mr. N. T. Nair – Chair, IEEE India Council, Mr. Aju Thomas - IEEE NDLP Coordinator, IEEE Kerala Section, Mr. S. Gopakumar - IEEE NDLP Coordinator, IEEE India Council, Dr. E. K. Bhas – Principal – in-Charge, Mohandas College of Engineering, Trivandrum, Mr. Amarnath Raja Chair, IEEE Kerala Section, Mr. Satish Babu Chair, IEEE Computer Society, IEEE Kerala Section, Prof. Jayarajan, HOD Electronics and Communication Engineering, Mohandas College of Engineering, Trivandrum



Mr. Amarnath Raja – Chair, IEEE Kerala Section, delivering his talk on Free and Open Source Software

Further information about the National Distinguished Lecturer Program can be found at:

http://ewh.ieee.org/r10/india_council/ndlp/ndlp.pdf

Mr. S. Gopakumar
National Coordinator NDLP, IEEE India Council
s.gopakumar@ieee.org



News Flash



(16 June 08) According to the news just received the 2009 IEEE Computational Intelligence Society Outstanding Chapter Award has been awarded to the CIS Chapter of the Queensland Section. Congratulations to Chapter Chair Brijesh Verma and his team!

Vaughan Clarkson, Chair Queensland Section

IEEE Kansai Section 2008 IEEE Kansai Section Annual Meeting

2008 IEEE Kansai Section Annual Meeting was held at Kyodai Kaikan in Kyoto on February 28, 2008. In this meeting, the 2007 activity report and plans for 2008 were presented by Section Chair, Chairs of 6 standing committees and Chairs of 9 Chapters. We have been encouraging the establishment of new Chapters in the Kansai Section. As a result, six Chapters have already been established in the past several years. Now we have 9 Chapters in total. After approval of the 2007 financial report and 2008 budget, the dedication ceremony for the following awards was celebrated.

IEEE Kansai Section GOLD Award

The IEEE Kansai Section GOLD Award was established in 2001. This award is for students or younger members who have contributed to IEEE Kansai Section's activities. The 2007 Kansai Section GOLD Awards were given to Mr. Fumihiko Hyuga (Kyoto University) and Mr. Tatsuhiro Tsuchiya (Osaka University).



Presentation of IEEE Kansai Section GOLD Award

IEEE Kansai Section Student Paper Award

The Kansai Section Student Paper Award was established in 2004 with the aim of encouraging student members of Kansai Section for presenting excellent papers in IEEE international conferences and IEEE Transactions on their research activities. We selected 13 winners for this award for 2007 and presented the citations and prizes to them.



IEEE Kansai Section Student Paper Award winners

We also conducted the dedication ceremony for the IEEE Kansai Section Medals which are presented to new Senior Members. We have given the Medals to 8 New Senior Members in 2007. This Medal was established for prompting members to apply to Senior Member grade which is considered to be the core of IEEE activity. The medal is designed with the portrait of Gennai Hiraga who constructed the first friction generator, Elekiter, in Japan and was produced using special technologies such as a latent image by Japan Mint.



IEEE Kansai Section Medal (Inset; reverse side)

Three members in the Kansai Section, Dr. Hiroki Hamada (Sanyo Electric Co. Ltd), Prof. Susumu Noda (Kyoto University) and Dr. Daisuke Ueda (Matsushita Electric Industrial Co. Ltd.) were promoted to the IEEE Fellow in 2008. In the latter part of this meeting, we celebrated their promotion. Dr. Hiroki Hamada and Dr. Daisuke Ueda gave the commemorative speech on their works.



New IEEE Fellow

Tetsuo Iwase
Secretary, Kansai Section

Please email your feedback and comments to
R10 Newsletter Editor at: r10-ecn@ieee.org

IEEE Western Australia Section and Computer Society Chapter

2008 Education Activities Report

Green IT – What does it mean to me?

Global warming, rising energy consumption and cost of fuel, carbon emission and pollution, carbon trading, cap and taxes, Kyoto treaty... all these issues and terminologies are drawing everyone's attention. While there are voices challenging the climate change issues and the associated grim predictions, it is undeniable that energy, climate change and environment are key challenges faced by the human race.

On 30th May, a half-day Green IT seminar was held at Murdoch University in conjunction with the Research Institute of Sustainable Energy (RISE), IEEE Computer Society WA Chapter and the IEEE WA Section. The seminar was attended by about 100 participants and in particular, a group of visiting students and staff from the Hong Kong Polytechnic University. They joined the event as part of their study tour in Western Australia.

The seminar was opened by senior staff of Murdoch University and followed by a talk presented by Associate Professor Lance Fung, Chairperson of the IEEE Computer Society WA Chapter. Lance suggested the following steps to meet the challenge:

- Awareness – be informed and have a proper understanding of the issues and the associated implications.
- Actions – to implement action plans and take steps to achieve realistic goals in order to tackle the issue.
- Adventure – to watch out for opportunities and to develop innovative engineering and technical solutions, and to identify business and career opportunities.

The challenge is how to utilise IT and engineering technologies to contribute towards a Green Solution.

After the talk, the participants were invited to RISE for refreshment and followed by demonstrations of a range of sustainable energy projects and displays. They were warmly greeted and assisted by the staff from RISE, Murdoch School of Engineering and Energy, and, members of the IEEE WA Section Committee, Dr Douglas Chai, Dr Kevin Wong, Dr Hong Xie together with a number of student helpers.



Participants visiting the Solar panel displays and test facilities at the Research Institute of Sustainable Energy

It is believed that the seminar has stimulated interests of the participants and provided them with updated information on the issue. It is hopeful that this will lead to a change of attitude and behaviours, and eventually will open doors towards many innovative solutions in the near future. Finally, the participants were charged with the challenge “to save the world” with the “power of one – YOU!”



Participants and helpers at the IEEE EAC Green IT seminar

Acknowledgement: This event was supported by the IEEE Region 10 Education Activities Committee. Murdoch University and RISE kindly provided the venue, technical demonstrations and conducted a tour of the Centre's facilities.

Lance Fung
IEEE Western Australia Section



Students from HK Polytechnic University who attended the IEEE Education Activities at Murdoch University, WA.

IEEE Madras Section

Workshop on Software Testing, Chennai, 22nd Feb 2008

Theme: All Round Testing: State of ART in Software Testing



Software Testing provides a significant opportunity for India. One out of two software test engineers worldwide is actually located in India, spending their time in testing and inventing new ideas to improve the system under test. Over the years, the scope of Software Testing has expanded from purely finding defects manually to a co-ordinated, automated effort in defect prevention and process innovation, harnessing the power of talented and motivated people. This growing importance of Software Testing is reflected in the fact that this has grown to be skill in most demand, with a number of well attended conferences/workshops and certifications to satisfy specific needs of the Testing community.

A one day workshop was jointly organized at Chennai on 22nd Feb 2008 by the Madras Chapter of the IEEE Computer Society and the Chennai Chapter, Div II on Software of the Computer Society of India (CSI). It highlighted the growing importance of testing and to provide a unique platform to address the multi-dimensional aspects of Software Testing spanning management commitment, process innovation, advances in technology and Human Resources implications.

The workshop was co-ordinated by Mr. H. R. Mohan, Chair of Madras Chapter of IEEE Computer Society and Mr. S. Ramasamy, Secretary of Computer Society of India Chennai Chapter. Mr. Ramesh Gopalswamy, Authour, Consultant and Visiting Professor was the Programme Chairman.

With facilitators drawn from the top notch organizations across the country, the event provided a great opportunity to learn about the State of the Art in Software Testing from these highly successful people and organizations.

The workshop was designed to appeal to a wide variety of participants and included: Project Managers, Project Leads and Engineers working on product testing as well as on product development, maintenance and support in software product & services organizations and the in house teams of enterprise organizations managing the software applications, Academic Faculty, Researchers and BE/BTech/MCA Students aspiring to join the IT industry.

The fee to the event was kept at a moderate level. For the student community, particularly the members of the IEEE/IEEE CS & CSI the fee was lower than the operating floor cost. The event attracted 227 participants. We wish to highlight that the level of participation was the highest so far for such a focused workshop. About 40% of the participants represented the academic community comprising of student & faculty and 40% represented professionals engaged in testing activities and the balance 20% were from enterprise users.

The one day programme was tightly packaged with informative sessions. At the inaugural session, Mr. Mohan, the Chairman, IEEE CS & Div II, CSI told that the testing is an important step in the Software Development Life Cycle and is gaining importance globally. He informed the participants about the activities of IEEE CS towards the Software Segment such as publishing exclusive publications namely Software and Transactions in Software Engineering, professional

certification for software development professionals – CSDP, Software Engineering Standards etc. and also about the CSI activities such as SIG in Software Engineering, Assessment test in software testing, Special theme publications in the area of Software Engineering etc. Mr. Ramesh Gopalswamy, Programme Chairman gave an overview of the sessions of the workshop.



Address by Chair, IEEE CS Chapter, Madras Section

Mr. S. Mahalingam, Chief Financial Officer and Executive Director of Tata Consultancy Services, the largest IT company in India employing over 1,05,000 professionals delivered the keynote address on the Role of Management in Testing Innovations. He also highlighted that testing is vital not only for quality software products & services but to bring down the overall cost of operations as well. His address signified the importance that managements of IT companies are giving to Software Testing. Mr. K. R. Jayakumar, CEO & President, Competency Centre for Software Quality, launched the much awaited International Certified Software Tester Certification Programme. Mr. D. Swaminathan, Chairman of CSI, Chennai Chapter proposed the vote of thanks.



Distinguished guests at the inauguration

The other sessions at the workshop included:

- Role of Academia and Certification in Testing by Dr. T. V. Gopal, Prof., Dept. of CSE, Anna University (Chennai)
- Process Innovations in Testing by Mr. C. P. Gangadharaiyah, Senior Vice President and Global Head of Testing Services, Wipro Technologies

- Challenges in Global Testing Services by Mr. R. Srinivasan, General Manager – Marketing, Thinksoft Global Services
- Test Automation Beyond Technology - Finer points for better results by Mr. Aravindh Ramalingam, Test Lead, Maveric Systems
- Software Testing - An Engineering View by Mr. T. Ashok, Founder & CEO, Stag Software Pvt. Ltd
- Agile Testing by Mr. Naresh Jain, Independent Consultant
- Application Performance Assurance by Mr. Sumukha Rao, Business Manager - India & SAARC, Compuware.
- User Perspectives on Software Testing by Mr. V. Sankaran, Delivery Head, Thinksoft Global Services Pvt. Ltd

would organize such programmes. Mr. S. Ramasamy, Secretary, CSI Chennai Chapter proposed the vote of thanks. All the participants were given the following:

- CD containing all the presentations, corporate and product info from the sponsors along with some additional resources compiled by Mr. Mohan
- Copy of the 500 pages best selling book “Software Testing - Principles and Practices”.
- Certificate of participation



Keynote address



Launch of Certification



Session by Prof. T. V. Gopal



Sections of Audience

The participants interacted very well with the speakers. At the end, in the feedback and summing up session, there were number of suggestions to have follow-on programmes on this subject. The faculty members expressed that the students prefer development jobs rather than testing assignments and requested the professionals to address the students on the benefits of taking up testing as a career. Mr. Mohan had proposed to start an email group for software testing and also informed about the 12 to 16 hour modules programme “Foundations in Software Engineering” to give an overview of Software Engineering to the students of IT & CSE in the beginning of the 2nd year to prepare them for the SE courses and follow this with in depth training on selected modules of SE. Further, it was proposed to have periodical meetings in which testing case studies could be presented for the benefit of testing community. Mr. Mohan said that IEEE CS & CSI

The participants appreciated for these and remarked that this programme has been the best VFM (Value For Money) programme they had attended so far. The workshop proceedings are also made available on the Net at <http://www.csi-chennai.org/swt-index.htm>

HR Mohan
Chair, IEEE CS Chapter, Madras Section

IEEE Taipei Section

2007 National Symposium on Telecommunications

The 2007 National Symposium on Telecommunications was held on November 23 - 24, 2007. It was organized by National Taipei University of Technology and was sponsored by IEEE Taipei Section. This conference covered many research aspects in telecommunications including transmission, signal processing, electromagnetic wave and antenna, and networking. There were 188 oral papers and 117 posters presented in the conference and 420 attendees, including researcher, professors, students, and community members. In this conference, Prof. Chun Hsiung Chen was invited to give the distinguished lecture, and Prof. Huei Wang, Prof. Jar Ferr Yang, Prof. Yi-Bing Lin, and Prof. Char-Dir Chung were invited as keynote speakers. The conference also provided two tutorials, including WiMAX and Digital TV. This conference aimed at providing a forum for academic and future trend attendees to exchange their research and practical work experiences. Besides, this conference provided the opportunity for the industry to promote their products and seek the chance to cooperate with research institutes and universities.



Presenters and attendees at the Poster Section



Invited Distinguished Lecturer, Prof. Chun Hsiung Chen, National Taiwan University.

2007 workshop on Consumer Electronics and Signal Processing

The 2007 workshop on Consumer Electronics and Signal Processing was held on November 2, 2007. The workshop included 100 papers in the field of consumer electronics and signal processing. Prof. Hong-Yuan Mark Liao, the director of the Academia Sinica Computing Center, was invited to make a special lecture. The workshop established the platform and exchange opportunity of consumer electronics in Taiwan. There were sixteen sessions in the workshop. The related topics included digital-home technology, multimedia technology, mobile computing and wireless communication, networks technology and applications, information security, SoC and embedded system, signal processing, enabling technology and data mining, respectively. The oral presentations presented in the workshop were highly discussed and thus were helpful for attendees, especially for graduate students.



Participants and Section Chair, Prof. Cheng-Cheh Yu, National Taipei University of Technology



Speakers and participants at the workshop

Student Branch Counsellor of Taipei Section Won the 2007 Outstanding Branch Counsellor Awards of Region 10

The Counsellor of Student Branch in Taipei Section, Prof. Hsi-Tseng Chou of Yuan Zee University, received one of the first Region 10 Outstanding Branch Counsellor awards for his outstanding contributions to the growth of Student Branches. He received a US \$250 cash award and a personalized certificate, and was invited to the Region 10 Student Congress held in Chennai during January 28 - 30th 2008 to personally

receive the award. For the Student Branch in Yuan Zee University submitting the nomination for the award recipient received a US \$100 cash award.

Ruey-Beei Wu
Chair, IEEE Taipei Section

IEEE Bombay Section

Job Fair 2008

February 23, 2008 was a red letter day for IEEE Bombay Section and the Section's Chapter of Technology Management Council. It was targeted at Student Members or students who could join IEEE on the spot. An unprecedented 400+ student turned up at Sardar Patel College of Engineering (SPCE) for the Recruitment Event to check out the offers from 12 IT majors who represented the "demand side". The event was sponsored by Core Projects. Other companies included Tata Consultancy Services (TCS), Reliance Communications, Diebold Software, Allied Digital Services, EcoAxis, ATE and Mastek and others who responded to calls from Excom Members and well wishers. Latest reports indicate that 100 offers have been generated so far, which augurs very well for such value-added services for members. More offers are expected.

The Job Fair had been long in planning and it was the dogged persistence and optimism of Dr Shrikant Parikh, current Chair of TMC Bombay Chapter which paid off. He himself had observed Job Fairs in the Central Texas Section when he was there in the '90s and knew Bombay Section could pull it off as well. The Excom of Bombay Section provided rock solid support. The inspiration was to reach the bottom of the pyramid and a concern for 'common students' - the bright sparks in far flung colleges which are usually out of the circuit of the large corporates. It was indeed this segment that took advantage of the opportunity and came from Madhya Pradesh Subsection, Aurangabad, Goa, and Gondia in central India. About 150 students and recent graduates joined IEEE on the day of the Fair which provided a boost to the membership development goals as well.

All processes were manual: Candidates brought copies of paper CVs, recruiters like TCS took aptitude tests on the spot and the secret of success was the willing band of volunteers from Student Branch of the Host College (SPCE). They manned the reception screening counters, directed the applicants to the various halls where companies had set up their booths, collected membership fees, filled out forms and were everywhere keeping the large numbers in place.

The Section Excom was also there in full strength, and held their monthly meeting at the venue on the same day.

Overall this was a great event which more than served to fulfil the aims of

- adding tangible value to community
- adding a great membership benefit
- increased visibility
- a catalytic activity
- increased membership

For students, it was an exposure to good recruiting companies (which otherwise may not have occurred), possibly turning into real jobs. For IT companies it was access to a large number of young engineering graduates which otherwise were not accessed for several reasons and a recruitment exercise at very low cost.

For IEEE Bombay Section it was a reinforcement of its status as a resource for young IT professionals, providing confidence to industry of the calibre of its membership

The plans for the Job Fair had been highlighted to the EMS Chapter Chairs Conference at San Antonio, Texas on July 29, 2007 and had aroused much interest.

Bombay Section intends to scale up this event and make it a value-added to members, year on year. We expect other Sections in India will follow the example of TMC Bombay Chapter and will organize similar events for which Bombay Section has pledged all assistance.



The Men Behind The Event (Left to Right) Shrikant Parikh, Chair TMC Bombay Chapter, Mr Quraish Bakir, Past Chair Bombay Section, Mr Ashok Jagatia, Chair Commsoc & Bombay Section Treasurer and Dr Uday Desai, Chair Bombay Section



Students registering for Job Fair at Sardar Patel College of Engineering, Andheri, Mumbai on February 23, 2008.

Anthony Lobo
Secretary, IEEE Bombay Section

IEEE Kerala Section

Broadband '08

Mar Baselios College of Engineering and Technology, Trivandrum (MBCET), in association with IEEE Kerala Section and CSI Trivandrum Chapter, organised the National Conference on Broadband Technologies on March 27 - 28, 2008. The conference was aimed at bringing researchers and professional engineers together to share their views on various researches and experiments through paper presentations, talks and exhibitions.

Pre-conference tutorials were given by Prof. U. B. Desai, IIT, Mumbai (Wireless Communication), Prof. K. C. Ravindranath, Govt Engineering College, Barton Hill (Wi-Max, 3G), Mr. Sajikumar, DGM, BSNL (Content Delivery Networks) and Mr. Simon Zacharia and Mr. Jose P. Devassy from C-DAC, Trivandrum (Software Designed Radio).

The conference was inaugurated by Mr. S. Gopalakrishnan, CEO and MD, Infosys Technologies Pvt. Ltd., Mr. K. G. Satheesh Kumar, Secretary, IEEE India Council, Mr. N. T. Nair, Chair of IEEE India Council, Mr. Satheesh Babu, President, InApp Technologies Ltd., Mr. Ajay Kumar, IAS, Secretary, Govt of Kerala, IT Dept., Prof. K. M. Raju, Principal, MBCET and Dr. Shakunthala S. Pillai, Convener, Broadband-'08 were the other guests of honour at the inaugural ceremony.

Inauguration was followed by a very lively cultural program organised by the students of MBCET.

The paper presentation sessions on the second day were chaired by Mr. Behram Sethna, Vice President, TCS, Mumbai, Prof. K. C. Ravindranath, Govt. Engineering College, Barton Hill, Mr. Satheesh Babu, Secretary, CSI National Council and Mr. P. M. Sashi, Director, CDAC, Trivandrum. 'Multi user detection in DS-CDMA Systems', 'On chip ultra wideband RF power detection', 'Fuzzy based dynamic bandwidth' were some of the topics on which the researchers presented their papers.

The second day also saw some student events being held in parallel with the main conference. Students turned out in huge numbers to participate in Paper Presentation, IQ Race and Robosoccer competitions. An animation seminar was given by Toonz Animation, Technopark, Trivandrum.

The valedictory function was presided over by Mr. M. K. Ramachandran, Vice Chancellor, University of Kerala, Mr. C. G. Sukumaran, retired Scientist, VSSC, Mr. Amarnath Raja, IEEE Kerala Section, Mr. Vishwanatha Rao, lecturer, EC Dept., MBCET, Prof. K. M. Raju, Principal, MBCET, and Prof. M. O. Koshy, Head of CS and IT Dept., MBCET.

Varun Raj

Chair, IEEE MBCET, Trivandrum

IEEE Singapore Section

Singapore REL/CPMT/ED Chapter Activities

In the past three months Chapter's main activities have been planning for its two flagship conferences IPFA in July and EPTC in December. For IPFA the final touches are being made to the program which will include over 50 papers presented orally together with 20 poster presentations. As well as the submitted papers, there will be 6 invited papers and exchange papers from ISTFA and ESREF. Two keynote papers will be given by very prominent experts in their fields, Professor Dimitri Antoniadis from MIT, USA and Dr. Raj

Master, from AMD, USA. More information on IPFA can be found at the website: <http://www.ieee.org/ipfa>

EPTC 2008 will be held in Singapore from 9 to 12 December 2008. Over 250 abstracts have already been submitted and the deadline for abstract submission was extended to 15 June. There will be keynote Speeches by the well-known experts Dr. G. Q. (Kouchi) Zhang, from NXP, Prof. Michael Pecht from University of Maryland and Prof. C. P. Wong from Georgia Tech. This will be the 10th Anniversary of EPTC so there will be special celebrations, social events and networking activities. Full details of EPTC can be found at the website: <http://www.eptc-ieee.net>

Alastair Trigg

Chair, Singapore REL/CPMT/ED Chapter

IEEE Daejeon Section

New Committee Members for 2008

A new committee of IEEE Daejeon Section for this year was organized in January, 2008. The new committee is:

Chair Jun Kyun Choi, Information & Communications University

Vice Chair Chang-Bong Kim, Kongju National University

Secretary Bongsue Suh, Kongju National University

Treasurer Yong-Seok Choi, ETRI

Awards Jin-Ho Hahm, ETRI

Professional Activities Hyun Kook Kahng
Korea University

Membership Development Haewon Jung, ETRI

Newsletter Keesoo Yeom, Hanbat National University

Student Activity Hi Deok Lee, Chungnam National University

Educational Activity Changsoo Eun, Chungnam, National University

Officers Hyeong Ho Lee, ETRI

Officer Jong Rak Lee, Korea Polytechnic University

Officer Dae Young Kim, Chungnam National University

Annual New Year's Committee Meeting was held on March 25, 2008 at Kumsoo-Bokook Restaurant, Daejeon, Korea. In the meeting, there was a lively discussion on the promotion of various activities such as sponsorship of technical activities, recruitment campaign for new students, support of application for upgrading membership and maintenance & update of the web server.



Yeom, Keesoo, Ph.D.

Newsletter Editor, Daejeon Section

Region 10 GOLD Affinity Groups News

GOLD Affinity Group, New Zealand North Section

IEEE GOLD Field Trip to Aratiatia Hydro Power Station

On 3rd May 2008, the IEEE GOLD New Zealand North Section along with 'engenerate' – the young engineers division of the Institute of Professional Engineers of New Zealand (IPENZ) jointly organised a field trip to the Aratiatia Power Station. The event was well attended by GOLD members, IPENZ members and a number of young professionals.

The purpose of this event was to provide young professionals with an insight into the day to day operation of a hydro power station. The event started with a long 3.5hr drive from Auckland. The journey traversed through New Zealand's largest thermal power station at Huntly, Carter Holt Harvey's Kinleith pulp and paper mill and a number of dairy factories owned by Fonterra. The onward drive concluded with a welcome stopover at the Aratiatia Rapids to witness the release of water from Lake Aratiatia into the rapids.

On reaching the hydro power station, we were greeted with information on the history of the power station, how it got its name and where it sits on the Waikato River chain with respect to the eight other hydro power stations. The displays also had information on the owner of the power station (Mighty River Power's) involvement with the local community and its plans on future investment in wind and geothermal energy. The entrance of the hydro power station had big LCD screens with real-time live displays of the lake levels, power generated, frequency and voltage levels at each of the stations. This site visit coincided with an Open day organised by Mighty River Power for the local residents of the region and since we were a set of young engineers, we had asked for a more detailed tour. It took us approximately 2.5 hrs to get around the hydro power station.



The tour began with a brief introduction of the plant, its capacity and illustration of the purpose of the surge tank. It was then followed by visits to the turbine pit, the generator floor, the transformer platform, the local control room and Transpower's 220kV outdoor switchyard. Along the way, there were several stops made to explain the functionality of various equipments in the plant and to answer any specific questions relating to the equipment. The tour ended with a refreshing sausage sizzle funded by Mighty River Power.

Some of the highlights of the power station are:

- It is the smallest and the first hydro power station on the Waikato River and consists of three Francis turbines each of size 30 Mega-Watts (MW) which together generate an annual energy of 331 Giga-Watthours (GWh) at 11 kilo-Volts (kV).
- It has a 900m tunnel that takes water from Lake Aratiatia into an 18 million-litre surge tank. The surge tank has main gates that control the water leading to each of the generators via three separate underground penstocks.
- In the turbine pit, the water from the penstock enters through a squirrel cage chamber which rotates the turbine propellers (runners). The turbine has series of wicket gates surrounding the runner which control the flow of water from the penstock. The movement of the wicket gates is controlled by a servo motor (PID controller) which receives hydraulic oil regulated by an actuator.
- The rotation of the rotor induces an electro-magnetic field on the windings of the stator, which then generates electricity. The output voltage at each generator is controlled by an Automatic Voltage Regulator (AVR) also called Exciter.
- The power generated at 11 kV and is stepped up to 220 kV via transformers. The outdoor switch yard facilitates this by providing an injection point for transmission over the national grid. The power station can be controlled manually or remotely from its local control room.



The initial feedback received during and after the event showed that it was a great success. The attendees were very well satisfied with the information provided and the extent of details covered by the tour guide. The collaboration of IEEE GOLD and engenerate IPENZ was first of its kind for an event like this and provided a great networking opportunity for all the attendees. This field trip has strengthened our ongoing relationship with IPENZ for future joint ventures. The committee would like to thank all the attendees for their participation and time. If you attended this event and have any suggestions or comments for future events, please do not hesitate to contact the committee at:

gold.ieee.nz.north@gmail.com

Abhinabh Duffadar
Chair, GOLD Affinity Group
IEEE New Zealand North Section

GOLD Affinity Group, IEEE Delhi Section, India

IEEE GOLD MEET & GOLD/SAC Graduation Dinner

The GOLD Affinity Group of IEEE Delhi Section organized a get-together of the GOLD members and the GOLD/SAC Graduation Dinner on December 08, 2007. The primary purpose of the event was to introduce IEEE GOLD membership and its activities to the recent graduates and the students about to graduate in the coming year. The banquet provided an ideal platform for networking among students, recent graduates, IEEE members graduated within the last decade and the office bearers of the IEEE Delhi Section.

Held on a Saturday evening at the Faculty Guest House of the Indian Institute of Technology, Delhi, the event saw encouraging participation, especially from the members of the following IEEE Student Branches of Delhi Section like Jamia Millia Islamia, Netaji Subhash Institute of Technology, Delhi College of Engineering, Amity School of Engineering and Technology, Indira Gandhi Institute of Technology, Maharaja Agrasen Institute of Technology.

It was heartening to see that, even the EXECOM members of these participating Student Branches had come to attend the event so that they could spread the idea of GOLD within their respective branches.

The following dignitaries from the IEEE Delhi Section attended the event:

- Dr. Subrata Mukhopadhyay, Chair STDCOMs on 'Tech & Prof Activities', 'History' & ECC of IEEE Delhi Section and Chair Consultants Network Affinity Group, Secretary IEEE PELS-IES Delhi Chapter
- Mr. P. V. Ekande, Past Chair, IEEE Delhi Section
- Dr. Mini Thomas, R10 Student Activities Chair
- Mrs. Shabana Mehfuz, Past Chair, GOLD, IEEE Delhi Section



Mr. Iqbal Ali, Chair of GOLD Affinity Group, IEEE Delhi Section congratulated the recent graduates and welcomed them to GOLD. He thanked Dr. R. G. Gupta, Dr. Mukhopadhyay, Mr. P. V. Ekande, Prof Bhim Shingh, Prof. Mini S. Thomas and other EXECOM members, who initiated the efforts for the formation of GOLD Affinity Group of IEEE Delhi Section, which in turn has provided a wonderful platform for young engineering graduates. He also presented the membership statistics of the GOLD Affinity Group of IEEE Delhi Section and Student Branches in his welcome address. He highlighted the disparity between the two statistics and emphasized the need of bridging this divide. Mr. Ali

appreciated the student volunteers for organizing various activities that add to the value of IEEE membership for students. He also stressed upon the importance of social networking and mentoring in ones professional and personal life provided through IEEE platform.

Mr. Anurag Mangla, Secretary/Treasurer, GOLD Affinity Group, IEEE Delhi Section, in his talk on "About GOLD" spoke about the history of GOLD, specifically highlighted the multifarious activities and events organized under the aegis of GOLD Affinity Group, IEEE Delhi Section for the personal and professional development of its members. He also presented a plan of the events in the pipeline and called for greater level of participation from both the GOLD and student members.



Dr. Mini Thomas' talk on 'The Value of GOLD' gradually turned into a Question-Answer session with the students enthusiastically asking various questions about the benefits of continuing their IEEE membership. Citing practical examples, Dr. Thomas answered each question to the students' contentment.



IEEE veterans, Dr. Mukhopadhyay and Mr. P. V. Ekande shared their experiences with IEEE membership and the benefits that they reaped out of it. It was enlightening to listen to both Dr. Mukhopadhyay and Mr. P. V. Ekande as they busted some of the myths associated with the IEEE membership and emphasized how the membership of the IEEE can help the members in both their personal and professional development.

The evening came to a formal end with the Vote of Thanks by Mrs. Shabana Mehfuz, Past Chair, GOLD Affinity Group,

IEEE Delhi Section. She thanked all the dignitaries, GOLD members and student members for attending the event and making it a success. She concluded by appreciating the efforts of the current GOLD Affinity Group, IEEE Delhi Section and encouraged for more such events in the future.

Mr. Anurag Mangla then invited the attendees for the banquet in the adjacent banquet hall.

Iqbal Ali

Chair, IEEE GOLD, Delhi Section, India

GOLD Affinity Group, IEEE Western Australia

A Look at the Past Year and into the Future

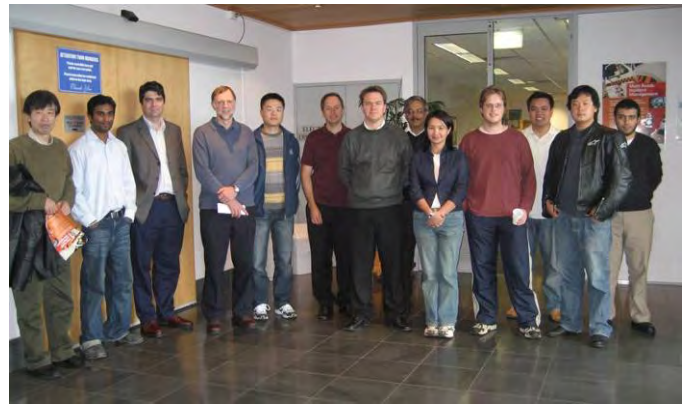
I was recently elected to be Chair of the IEEE GOLD Western Australia (WA) affinity group and will reflect on the achievements of the immediate past Chair, David Lim and the future plans for this group under my leadership. I have previously written articles for this newsletter on behalf of the University of Western Australia (UWA) IEEE Student Branch and now act as a mentor to help them build on the success.

In 2007, the IEEE GOLD Western Australia Affinity Group ran various social, technical and educational events to benefit its members and to attract prospective IEEE GOLD members. In March 2007, there was a financial planning seminar called 'Are you a Money Master or Money Disaster' held at Technology Park. This was attended by both IEEE GOLD and IEEE Student members and non-IEEE members who had a chance to network before the seminar started. The speaker was an ex-engineer who had the ability to explain financial concepts to the audience. Based on the feedback received, the audience found this event beneficial.

In June 2007 a sundowner event was held at the Grapeskin Bar and was attended by both IEEE and non-IEEE GOLD members. Finger food was provided and this was a great opportunity to network with other attendants. In the same month, a site visit was made to the Main Roads Western Australia (MRWA) Traffic operations centre where attendants got a to watch a video presentation on the MRWA day to day traffic operations before an overview tour of the controls centre was provided. This is where the road traffic conditions for the Perth Metropolitan area are monitored 24 hours a day.



Main Roads Western Australia Traffic Operations Centre



MRWA Traffic Operations Centre visit attendants

In September 2007, IEEE GOLD WA assisted to the School of Computer Science and Software Engineering (CSSE) at The University of Western Australia with a grant application to the IEEE Foundation for the "Awesome animations" project. David Lim and Roger Karpin are the leaders of this initiative and their hard work paid off when this project was granted \$30,000 USD over a five year period.

This year I will be concentrating on improving the link between the IEEE Student Branches and IEEE GOLD. Last year there was a vague relationship which existed between WA IEEE GOLD and IEEE Student Branches which would benefit with a closer working relationship with joint events for students to meet with IEEE GOLD members. Quite often students are unaware that IEEE GOLD exists or what its purpose is and as a result many students who then move onto complete their first undergraduate degree allow their IEEE GOLD membership to lapse. There is an urgent need to address this problem.

The other challenge is that the Student Branch once provided a coherent set of social, education, technical and networking events which students confided in. If IEEE GOLD cannot offer something similar to what the Student Branch once provided to its students then IEEE members may begin looking for other tangible and intangible benefits to compensate for, and if this cannot be found there may be a lapse in their membership.

IEEE GOLD WA will be continuing the past initiatives and events in addition to adding new events and services that will improve our local presence and add value to our local IEEE GOLD members.

Thanks must go to the immediate past Chair David Lim for his tireless efforts in the new initiatives which have added value to IEEE GOLD members and the profession.



Timothy Wong, Chair 2008 IEEE GOLD Affinity Group Western Australia

GOLD Affinity Group, IEEE Calcutta Section
ReTIS-08 held at Jadavpur University
Kolkata, India, February 7 - 9, 2008

The 2nd National Conference on Recent Trends in Information Systems (ReTIS-08) was held at the Department of Computer Science & Engineering, Jadavpur University, Kolkata, India, during February 7 - 9, 2008. The event was jointly organized by the CMATER, SRUVM Projects, CSE Dept. (TEQIP), Jadavpur University, IEEE GOLD Affinity Group, IEEE Calcutta Section and Computer Jagat. The ReTIS-08 was financially supported by Region 10. The purpose of the ReTIS-08 was to provide a common forum for researchers, scientists, engineers and students from India and abroad to present their latest research findings, ideas, developments and applications in the broader areas of information systems.

We have received a total of 66 full research papers from several educational institutes and industries within the country and abroad for consideration for presentation in the conference. After peer review, 47 papers were selected for oral presentation in the conference. All the 47 accepted papers were divided into 11 technical program sessions for oral presentation during February 8-9, 2008 and included in the conference proceedings. The main conference was preceded by two tutorial sessions on February 7, 2008. The details of the conference activities were as follows:

Tutorial Sessions: On February 7, 2008 there were two tutorial sessions on “Improving TCP Performances in Wireless Mobile Networks: Challenges and Solutions” and “Digital Image Processing and Analysis”. Prof. D. Saha, Senior Member IEEE, of the Indian Institute of Management (IIM), Kolkata and Sri. B. Sardar of the Jadavpur University, Kolkata, jointly delivered the first tutorial session in the morning. Prof. B. Chanda of Indian Statistical Institute (ISI), Kolkata delivered the second tutorial session in the afternoon. The tutorial sessions were attended by 56 participants including students, young researchers and conference paper presenters.

Inauguration: The main conference was inaugurated on February 8, 2008 at the K P Bose Memorial Hall of Jadavpur University. Prof. D. K. Basu, Chairperson, ReTIS-08 delivered the welcome address, which was followed by the inaugural address by Prof. P. N. Ghosh, Vice-Chancellor, Jadavpur University. The inaugural program was graced by Prof. D. Das, Hon’ble Minister-In-Charge of Information Technology, Govt. of West Bengal as the Chief Guest and Prof. P. Kundu, Former Dean FET and Prof. M. K. Mitra, Dean FET, Jadavpur University as the Guests of Honour. Program overview was presented by Dr. J. K. Sing, Organizing Chair, and Dr. S. Basu, Technical Program Chair gave the Vote of Thanks. It was our pleasure that Prof. Janina Mazierska, IEEE R10 Director, was present during the opening ceremony of the main conference of the ReTIS-08. After the inaugural session, she spoke briefly about the importance of Information Systems in modern scenario and also about various activities of IEEE, especially about IEEE Region 10. The program was attended by many distinguished guests from several universities and institutes from all over the country.

Invited Talks: There were four invited talks at the conference. On February 8, 2008, Prof. B. Bhattacharya, Fellow, IEEE of Indian Statistical Institute, Kolkata delivered an invited talk on “Geometric Primitives in Digital Images and Applications” and Prof. A. Konar of Jadavpur University delivered a talk on

“Machine Intelligence in Mobile Robotics”. On February 9, 2008, Prof. S. Chakravorti, IEEE Distinguished Lecturer, of Jadavpur University delivered a talk on “Impulse fault diagnosis in transformers using fractal analysis” and Dr. S. Bandyopadhyay, Senior Member IEEE, of Indian Statistical Institute at Kolkata delivered a talk on “Algorithms in Bioinformatics”.



Prof. P. N. Ghosh, Vice-Chancellor, Jadavpur University delivering his inaugural speech.

Technical Sessions: All the 47 accepted papers were divided into 11 technical program sessions for oral presentation during February 8 - 9, 2008. Out of 47 papers, 38 papers were presented by the respective authors. The technical sessions were chaired by eminent personalities from different universities and institutes.

Closing Session: On February 9, 2008, after the last technical session, Dr. J. K. Sing, Organizing Chair, ReTIS-08 (also the Chair of GOLD AF Group, IEEE Calcutta Section) gave the formal vote of thanks to the participants, authors, organizers, sponsors, volunteers, and the Jadavpur University for making the conference a great success.

Banquet Dinner: A banquet dinner was arranged for the participants on February 9, 2008 at the Guesthouse of Jadavpur University. Around 100 people attended the banquet dinner.



Prof. S. Chakravorti (IEEE DL) delivering an invited talk.

Dr. Jamuna Kanta Sing (jksing@ieee.org)
Chair, GOLD AF Group, IEEE Calcutta Section

Region 10 WIE Affinity Groups News

WIE Affinity Group, IEEE Jamia Millia Islamia, India

VIVRE – The WIE Day, Something to Enliven, Enlighten and Empower...



On 4th March IEEE Jamia Millia Islamia (JMI) was opportune enough to host an inspiring lecture by Dr. Kiran Bedi, First women IPS officer of India on the occasion of WIE day “Vivre”. The show was also presided over by Prof. Sikander Nabi, Dean of the Faculty of Engineering and Technology, Prof. Mini S. Thomas, Students Activities Chair, Asia Pacific Region and other members of the Faculty. As audience it saw a participation from not only JMI but also other colleges like NSIT and IGIT from Delhi Section.



The afternoon began with a welcome of Dr. Kiran Bedi by Dean, Faculty of Engineering and Technology, JMI who highlighted Dr. Bedi’s achievements in a nutshell which left the audience kept grasping for more and also sowed the seeds of inspiration.

Prof. Mini S. Thomas, a pioneer in bringing up of IEEE’s activities at all levels, welcomed and enlightened everyone with the activities of IEEE-JMI and how the Student Branch has come so far establishing itself as one of the exemplary Student Branches of IEEE and the Best WIE Affinity Group worldwide. A chronicle of events and achievements of the WIE was presented by Ms. Sonam Kathpalia, Chairperson WIE and Ms. Sadaf Khurshid, Vice Chairperson WIE-JMI.

It was followed by the much awaited speech by Dr. Kiran Bedi. Her mind stirring lecture instilled an euphoric sense of responsibility and a thirst to do something for the betterment of the society.

She spoke about the prime importance of youth in a nation’s development and embellished each moment with experiences of her own. Her mantra to be the Numero Uno in life seemed to touch everyone’s heart. She emphasized the role of youth in nation building and how today’s young generation can prove to be a boon for the society by devoting oneself to community service. Her life’s examples were very well received by the students who were aspiring to be like her. Her speech was punctuated with applauds as she kept on invigorating the minds of the youth with thought provoking ideas.

She also unveiled the second edition of the newsletter of IEEE-JMI, “Carousel” on the momentous day which was followed by an interactive session.



Dr. Kiran Bedi gracefully answered each question pertaining to the very aspect of student life, community service and roles of youth in today’s world. She obliged every member who had something to ask. In all it was a splendid show put up by the student organizers of IEEE-JMI WIE Affinity Group under the able guidance and earnest efforts of Prof. Mini S. Thomas and with her eminence presence as the Branch Counsellor, the Student Branch can aspire to be one of the best of it kind.



Ashutosh Mondal
Vice Chair, IEEE-JMI

Previous issues of this newsletter are available from the IEEE Region 10 Website at:

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

STUDENT BRANCH - NEWS & HIGHLIGHTS

The University of Auckland Student Branch, New Zealand Activities Report

The University of Auckland IEEE Student Branch has enjoyed a very busy and indeed successful first 3 months of 2008, with 5 major events taking place in this short time.

On the 8th of March, the Branch entered the University of Auckland's first ever (perhaps even New Zealand's first) team into the IEEE Xtreme Programming Contest. The contest involves teams of 3 programmers to solving a selection of ultra-challenging programming problems over 24 hours. The team, consisting of Robert "the Hue" Bowmaker, Michael "Frenchy" Frechtling and David Huang, produced a fantastic result finishing 23rd out of over 130 teams which included entries from the USA, the UK, Australia, Japan, India, Malaysia, Nigeria, Spain and many more. Thanks to Dr. Nirmal Nair and Dr. Bruce MacDonald for offering to supervise the event.

Following this success, the branch ran the now customary BBQ and membership drive, on March 28th. Proving that no engineer can resist the allure of free food, this year's event was especially popular attracting over 120 people, including over 90 new member sign ups. Good fun was had by all, and the fine weather added to the vibrant and lively atmosphere.



New IEEE members mingling at the annual BBQ/Drive

The hugely popular annual ECE Dept./IEEE Indoor Soccer Tournament was held on April 11th, and once again attracted much interest, with 11 teams and nearly 100 players. The event was proudly sponsored by Student IT (www.studentit.co.nz), who kindly donated iTunes music store vouchers and two iPod shuffles. The Mechatronics team proved the early favourites with a dominant opening game win, as did Electrical Part 3 who won a tense penalty shootout. However, history soon repeated itself as the now 3-time winners Electrical Part 4 fiercely defended their title, demolishing all en route to the finals where they defeated a spirited Post-Graduate team. The winning team walked away with free vouchers for the iTunes music store. Finally, after 3 hours of non-stop soccer free pizza and drink were served to the players. The event was a fantastic success both on and off the court – there were 10 new signups to IEEE and a huge number of spectators. At the close of the event the prize raffle was drawn from over 50 entries and two lucky students

walked away with brand new iPod Shuffles, thanks to StudentIT. This event helps to maintain the IEEE Student Branch's status as a social hub at the university, and raises the branch's profile amongst new members.



Tense times on the sidelines for teams at the Indoor Soccer

On the morning of the 8th of May, 16 eager IEEE members gathered to attend the Student Branch's first field trip of the year. Their destination: Fisher & Paykel Appliances, New Zealand's largest consumer electronics company. The trip consisted of guided tours of the Electronics and Refrigeration plants, giving students an inside look into the manufacturing process. This gave students an inside look into not only the manufacturing process, but how Fisher & Paykel achieve a high rate of production while maintaining strict quality standards. Following the tours came a lunchtime discussion session, allowing students to mingle with graduate employees and senior staff and find out more about Fisher & Paykel's involvement in industry and tertiary education.



Students explore the Fisher & Paykel Appliances plant on a field trip

On May 13th, 2008, the Auckland University of Technology (AUT) IEEE Student Branch held its inaugural event, a leadership workshop, in conjunction with the University of Auckland (UoA) Student Branch. For several years now, AUT

has been trying to establish a Student Branch and this event was an important milestone towards that goal. The workshop was presented by Loreen Ozolins, who has over 20 years of leadership experience in the technology, retail and customer service sectors. Over the course of 3 hours, students learned about the many aspects of leadership, from the situational leadership model to conflict management styles. The event was a very valuable experience for students and was well attended with around 25 participants, half from AUT and half from UoA. The event was sponsored by the Region 10 GINI project, which aims to foster support networks between Student Branches in Region 10. The program's intention is to encourage larger branches to help budding branches to grow, and this joint event served as a pilot project. AUT intend to make this leadership workshop an annual event, and hope to run more student activities this year including competitions, seminars and workshops. Additionally, the UoA branch aim to increase networking and joint activities with the AUT branch to help foster this growth.



Learning new skills at the recent Leadership Workshop

G. Gordon, C. Camasca, K. Lazaro, S. Ahsan and S. Siddiqui (www.ece.auckland.ac.nz/~ieeee-student)

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IEEE Siddaganga Institute of Technology Student Branch
A Technical Trip

The IEEE-SIT (Siddaganga Institute of Technology) Student Branch has 160 full members and it organizes many technical & non-technical activities throughout the year. To name a few activities in technical field, we organised a 3 day workshop on "ROBOTICS", a workshop on basics of electronics gadgets such as CRO, DMM, transistors etc, a technical talk on space communication & many more. In non-technical field we organised IEEE NITE, a social gathering for all IEEE members, a treasure hunt event, to raise the funds for other Branch activities & to create awareness about IEEE in our college.

A field trip was organised in February to Asia's largest naval base & nuclear power plants, which gave a major boost for IEEE membership in our college. The main objectives for the trip were:

1. To create awareness about IEEE among students.
2. To provide a practical experience on latest technologies prevailing in our country and the world.
3. To show where our country stands in global competition of providing security to the nation and also in the field of nuclear technologies.
4. To ensure interaction amongst the IEEE members.

With the above objectives, 100 members of SIT-IEEE Student Branch were taken to KARVAR and KAIGA, two prestigious and most sensitive places of our country on 11th and 12th of February 2007. A fee of Rs.600 was collected from every member as an expense of travelling and accommodation.

On 11th of February 2007, we reached KARVAR to watch "SEA BIRD" – the biggest naval base in Asia where we were guided by four senior officials of Indian Navy, who explained us all the places on the naval base. We saw the latest technology of ship lifting through "platform" technology which is prevailing only in "SEA BIRD" and not found any where in the world. It was really a matter of pride to watch "SEA BIRD" which showed us where our country stands in terms of naval technology and national defense.

On 12th of February 2007, we reached KAIGA to watch the Nuclear Power Plant where we were guided by the top scientists of the KAIGA. The scientists explained the techniques involved in the process of power generation through nuclear fission and then we were taken to three power plants which were in working condition. The scientists explained the working of all the sectors in the power plants. Starting from extraction of Uranium-230, fuel used in power plant, to the decomposition of this fuel, we came to know about the whole process involved. We also saw how the power generated in the power plant is supplied to the Power Grid through which the electricity is distributed all over the country.

As a part of field trip we also visited Gokarna beach, which acted as catalyst to students enthusiasm & obviously it was the best part of our field trip.

The field trip literally helped a lot to improve the knowledge of all the members in the field of nuclear technology and all felt proud to have a naval base like "SEA BIRD" in our country which is the home of many latest technologies in the world. This trip really helped a lot to promote the IEEE membership in our institution.

An aftermath effect of this field trip was unbelievable! As we started our half year membership drive, our college students stood in a beeline to become a part of an elite group called "SIT-IEEE". A total of 210 student members were enrolled.



Srikanth S M
Secretary, IEEE-SIT Student Branch
Bangalore Section

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IEEE Student Branch, Macquarie University, Sydney 2008 Activities

The IEEE Student Branch at Macquarie University, Sydney, Australia, started 2008 by promoting IEEE at the University Orientation Week, held from the 25th to 27th of February.

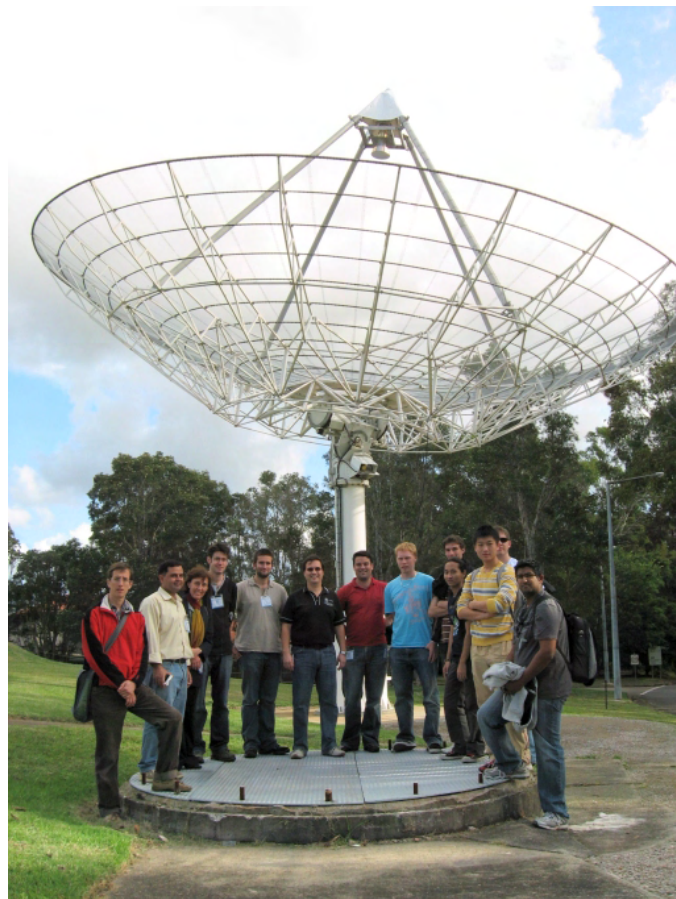


The Macquarie University Department of Electronic Engineering held a barbeque on the 13th of March to welcome First Year Engineering students. This event was also attended by senior undergraduate students, postgraduate students, general staff and the academic staff. The Student Branch welcomed the new students and encouraged them to participate in IEEE activities throughout the year to come.



On April 9th the Student Branch, lead by a group of postgraduate students, embarked on a tour of the Commonwealth Scientific and Industrial Research Organisation (CSIRO) Information and Communication Technologies (ICT) Centre. Only a short walk from Macquarie University, The ICT centre is a cutting edge research facility

right on our doorstep. We were shown demonstrations covering many areas such as Wireless Technologies, Information Engineering, Networking Technologies and Autonomous Systems, just to name a few. Everyone enjoyed the tour and went away with a clearer picture of the possibilities that engineering can achieve. Many thanks to Mr Daniel Legovich of the CSIRO for guiding us around the impressive facilities at the ICT Centre.



The Student Branch at Macquarie University plans to build on this strong start for 2008 to increase its membership numbers. It is expanding the number of ways that the members can interact and participate in IEEE activities both on and off campus. Future proposed activities include more barbeques and movie evenings that will showcase a video on new technology followed by a sci-fi blockbuster for all to enjoy.

The activities of the Branch are organised by Arif Khan, Ozgur Isik, Mathew Fellow and supported by the Branch Counsellor Professor Karu Esselle and other academic staff of the Electronic Engineering Department.

The Macquarie University Student Branch of the IEEE can be contacted at sb.mq@ieee.org.

Matthew Fellow
PhD Student, Department of Electronic Engineering
Macquarie University, Sydney, NSW, Australia

R10 Student Branches List

<http://www.ieee.org/web/membership/students/branchlists/R10.html>

IEEE Student Branch, The University of Adelaide
School of Electrical and Electronic Engineering Research
Expo 2008

The School of Electrical and Electronic Engineering Research Expo 2008 was held on Friday 2 May 2008 at the University of Adelaide. It was organised by the Electrical and Electronic Engineering Society of Adelaide University (EEESAU), the IEEE Student Branch at the University of Adelaide.

The Expo was conducted over the full day and concluded with an evening cocktail reception. It was sponsored by the Faculty of Engineering, Computer and Mathematical Sciences (ECMS), ElectraNet, Thorn Lighting, the Defence Science and Technology Organisation, and Avalon Systems.

The Expo had the aims of:

- Encouraging promising undergraduate students to seriously consider undertaking post-graduate research;
- Demonstrating the School's capabilities to the electronics industry;
- Establishing professional networks for further research collaboration and career opportunities;
- Disseminating the latest progress in research activities among postgraduate students; and
- Informing the University community on the work of the School of Electrical and Electronic Engineering.

There were approximately 110 registrations comprising of postgraduate research and coursework students, School staff, undergraduate students, and visitors from industry, other Schools, and other Universities.

The Expo was opened by Prof Bevan Bates and Assoc Prof Cheng Chew Lim, the Acting Head of School. The keynote speaker was Mr Gary Hancock from Entrepreneurship, Commercialisation, and Innovation Centre in the Faculty of ECMS. Following the keynote speaker were presentations from the University's Prospective Students' Office and Careers Service.



Assoc Prof Cheng Chew Lim at the Opening Session

The rest of the day featured seminars and poster presentations from seven of the research groups in the School of Electrical and Electronic Engineering. The seminars were run as two parallel streams, one giving an overview of the research group and the other being a technical presentation from the research group.



Technical Stream Seminar

The posters presented by the research groups contained either an overview or the full technical details of a particular research project. The posters were also part of a competition in which they were judged on their visual appeal and whether they presented information in a clear and logical manner.



Poster Session

The posters presented by the research groups contained either an overview or the full technical details of a particular research project. The posters were also part of a competition in which they were judged on their visual appeal and whether they presented information in a clear and logical manner.

Other activities included a successful course note sale in the first two weeks of Semester 1 and two workshops in the second week. The first workshop was on how to present a seminar, which was directly aimed at the final year project students. We organised this in conjunction with the University's Centre for Learning & Professional Development. The other was an introductory workshop on the use of LaTeX.

Zhining Lim
Chair, IEEE Student Branch, The University of Adelaide

IEEE Student Branch, Institute of Industrial Electronics Engineering, Karachi, Pakistan

e-Indus 2008 – Technology Highway

IEEE-IEEE Student Branch organized a full day Student's Seminar and Projects' Exhibition entitled "e-Indus 2008" on April 29, 2008, at the Institute of Industrial Electronics Engineering (IEEE) Karachi. The event was officially endorsed by the Pakistan Software Export Board (PSEB). It was also supported by various organizations including TCS Logistics Pakistan, Technology Links Pakistan, Jubilee Corporation and Pakistan Council of Scientific and Industrial Research (PCSIR). E-Indus is one of the oldest annual events held under the banner of IEEE in Pakistan.

About 15 student groups presented their projects and papers in Undergraduate, Graduate and PhD categories in the field of Electronics, Electrical, Industrial Electronics, Computer Science and Software Engineering. The seminar and exhibition was attended by around 400 students, engineers, faculty members and Deans, professionals and entrepreneurs. The Chief Guest of the event was Mrs Shehla Raza, Deputy Speaker, Provincial Assembly Sindh, Government of Pakistan.

The event was divided into the following three sessions,

- I. Inaugural session
- II. Seminars
- III. Technical session

The Technical Session was further divided on the basis of study level of research work into two sub-technical sessions, one for PhD & Postgraduate papers presentation and other for Undergraduate papers presentation. A judges panel was selected to evaluate the projects and announce winners.

At the beginning Syed Jaad-ul-Haque, Chair IEEE-IEEE Student Branch, gave a welcome speech and introduced the Student Branch to the guests. After that Om Parkash Batra, RSR Region 10 & Secretary, IEEE Karachi Section, was invited to give an introduction of IEEE and enlighten the audience about the IEEE efforts for global research and information sharing community.



Chief Guest, Madam Shehla Raza, Deputy Speaker Sindh Assembly, addressing the audience.

Madam Shehla Raza, Deputy Speaker, Sindh Provincial Assembly inaugurated the conference and followed it up with a speech appreciating the student's team for organizing the fabulous event. She was also quoted as saying that the efforts being made by students of IEEE-IEEE Student Branch to

bridge the gap between industries and academia will not only help academic institutions in providing solutions to industrial problems but will also help industries in harvesting young engineer's talent to get solutions to their engineering problems at an affordable cost. She also insisted on the need for industrial training of undergraduates of IEEE.

The inaugural session ended with awarding souvenirs to the chief guest, the faculty members, the keynote speakers and the professionals who represented their organizations in the event.

The theme of the conference was "The Role of Information Technology and Recent Developments in Pakistan's IT Sector". Professionals from various local and multinational organizations were invited to shed light on this topic.

In seminars sessions Mr Sadiq Panjwani, Financial Services Sector Leader, IBM Pakistan, presented his views on Banking Transformation in Pakistan and Worldwide.

Engineer Parkash Lohana, Assistant Professor and Head of the Computer Science Department, Usman Institute of Technology and Vice-Chairman, IEEE Karachi Section, was the second keynote speaker. He gave a presentation on Software Architecture Design. Syed Fahad Zeeshan, CEO Interface Pvt Ltd, a Telecom Resource Firm, elaborated on the GSM, WiMax & other communication technologies and their future in Pakistan. At the end of this session, the guests and judges visited the exhibition hall to evaluate the projects.

The first sub-session of the technical session was set for Ph.D and postgraduate paper presentation. In this session, students and faculty members from leading national universities presented their research papers. In total, two PhD research papers were presented and two postgraduate papers were presented. The second sub session of the technical session was reserved for undergraduate papers presentation. In this session four student groups presented their papers, two of which were from IEEE.

At the end of the technical session, engineer Ashab Mirza, Councillor, IEEE-IEEE Student Branch, Engr. Zubair Ahmed, Head of Electronics Dept., Iqra University, Dr. Syed Irfan Hyder, VP and Dean, PAF-KIET and faculty members from various other national universities gave the closing statements and provided guidance for continuing education to the IEEE graduates.



e-Indus 2008 Organizing Committee & volunteers with guests

Syed Jaad-UI-Haque
Chair, IEEE-IEEE Student Branch, IEEE (PCSIR), NED University, Karachi

IEEE STUDENT BRANCH BVCOE, NEW DELHI

Activities Report

A number of activities were organized under the IEEE Student Branch of Bharati Vidyapeeth's College of Engineering (BVCOE) from September'07 to February'08. The main highlights are:

- PRATIBIMB –Reflection of Perfection
- WIE Inauguration
- Lecture on Signals and Systems
- Lecture Series
- WIE Meet
- Dr. Vikram Sarabhai Rotating Shield Quiz
- Star Program
- IEEE Delhi Section Quarterly Meet
- National Student Symposium and Annual Festival – Fervour 2008

PRATIBIMB-Reflection of Perfection

The branch released its maiden e-journal on the 1st of September with the following issues released on 1st November and 7th January respectively. It currently comprises 6 sections namely technical, managerial, popular science, do-it-yourself, guest and literary. The January edition of the journal was a Technical Paper special issue. The e-journal can be viewed at <http://pratibimb.bvpiecee.org>.

WIE Inauguration – September 26, 2007

The inauguration of Women in Engineering Affinity Group of BVP-IEEE was held on September 26, 2007. Mrs. Monica Mittal, Operational Manager, Research & Development Department, Agilent Technologies presided over the function as the chief guest. It also witnessed the esteemed presence of Mrs. Rajeshwari Pandey, Chairperson, WIE Affinity Group, Delhi Section, Dr. D. S. Bilgi, Principal, BVCOE, Dr. M. K. Raina, Dean, Students Welfare and all the HOD's and other staff members from the college. Dr. Bilgi mentioned about the various steps taken by Bharati Vidyapeeth Deemed University, Pune to encourage higher education for girls. Dr. M. K. Raina discussed various achievements of WIE BVP so far. Mrs. Rajeshwari Pandey informed the gathering about the Women in Engineering Affinity Group and its constant vigilance to support the cause. Mrs. Monica Mittal encouraged the girl engineers and quoted her own experiences to guide them.

Lecture on Signals and Systems – September 27, 2007

A lecture on Signals and Systems, delivered by Dr. M. P. Tripathi, was organized on September 27, 2007, for the students of Electronics and Communication Engineering. Dr. Tripathi addressed the students on the topic – “Innovations based on Convolution Theorem”. He discussed continuous and discrete time signal convolution. He explained that convolution is nothing but convolving input and impulse response signals to determine the output signal of a LTI system. He also explained the process of relating two data sequences taken at different time intervals and comparing them to get real time evaluation. He also discussed the use of convolution in real time systems. The lecture was also attended by various faculty members of the college.

Lecture by Mr. HL Bajaj – October 6, 2007

Mr. HL Bajaj gave a lecture to students of ICE and IEEE Branches of Bharati Vidyapeeth's College Of Engineering on 6th October 2007. It was a huge success and received a great response. Mr. Bajaj discussed the condition of power in India, the improvement in power distribution over the years, the role of private players and political interferences. He discussed the variation in power needs even through the day. During the peak hours there is more power transmission and during the night the transmission of power is reduced. This trend helps in optimal utilization of power. In the end he also answered the queries of students. On this day we also had with us Mrs. Purna Gaur, Student Activity Chair, IEEE Delhi Section. The lecture was found to be highly enlightening by all the students.

Lecture Series – October 9, 2007 to October 12, 2007

A week long lecture series was conducted from October 9, 2007 to October 12, 2007, in which four lectures on different topics were delivered, each being an hour long. These four lectures were as follows:

- The 1st lecture was delivered by Mr. Sudhir Gandotra on LINUX. He talked about the misconceptions about the operating system LINUX. He discussed various features of this OS and emphasized upon its use.
- The 2nd lecture in the series was on the topic “How to write Research Papers?” and it was delivered by Dr. Kaushik, Dean of R&D Department, BVCOE. He explained the intricacies of writing a research paper. Through slides, he demonstrated the proper usage of references.
- The 3rd lecture was given by Dr. M. K. Raina, Dean, Students Welfare, BVCOE, on the topic “Over the Horizon – RADAR”. He demonstrated the functioning of the RADAR and various terms and conditions on which this RADAR is worked upon. He also discussed the utility of such a system.
- The last lecture was on “Quality Systems”, delivered by Dr. D. S. Bilgi, Principal, BVCOE. He explained the basics of quality systems. He also talked about the various norms of ISO 9001:2000.

WIE Meet – October 18, 2007

An inter-college WIE Meet was organized on October 18, 2007 to promote networking between IEEE WIE members of different colleges. It also aimed at promoting membership in WIE. The event witnessed the participation of about 30 students from Amity School of Engineering and Technology, Indira Gandhi Institute of Technology, Netaji Subhash Institute of Technology and Bharati Vidyapeeth's College of Engineering. Mrs. Rachna Garg, Secretary, WIE Affinity Group, Delhi Section was the Guest of Honour for the day. The event started with a lecture on performance management, by Mr. Ashish Aggarwal, who is the owner of a pharmaceutical company. He talked about visualizing dreams and working hard to achieve them. He boosted everyone's morale. There was also a workshop on Flash, conducted by Mr. Deepak Mittal, a final year student and Lakshay Katyal, a 3rd year student of BVCOE. The workshop aimed at teaching the basics of flash to students in mixed teams. Students from each college gave their branch presentations. Two team building activities – Quiz and Collage Making, were held to promote networking. The quiz contained questions related to women achievements, while the topics for collage making were to be selected by students themselves. The event was a great success and ended on a happy note.



WIE MEET, 18th October 2007

Dr. Vikram Sarabhai Rotating Shield Quiz – Oct 22, 2007

The IEEE Student Branch of Bharati Vidyapeeth's College of Engineering, New Delhi, organized the first Dr. Vikram Sarabhai Inter-College Rotating Shield Quiz, on 22nd October 2007 at its campus. The quiz was first of its kind as the shield awarded to the winners will be rotated annually among the successive winners. Colleges which have active IEEE Student Branches in Delhi were invited to participate. The event saw a participation of 22 teams in total from colleges like NSIT, Jamia, MAIT, USIT, BVP and a team of IEEE GOLD.

Quiz was held in two stages. Mr. Nitesh Bhasin of the host college was the quiz master. First stage was preliminary round. Based on the scores of this round, 6 finalists were short listed. Six teams which reached finals were NSIT (2), Jamia (1) and BVP (3). A prize for best team name was given to a team of BVP.

Final round was a stiff competition among the teams of BVP & NSIT. Roshan Shankar & Udit Anand of NSIT, ultimate winner of the shield. Abhimanyu-Manik of NSIT and Ankur-Mohit were the runner up teams. Dr. I. J. Kumar, Dean, Academics, BVP & Mrs. Neeta Pandey, Branch Counsellor, BVP-IEEE felicitated the winners by awarding the shield and prizes. Winners won a printer & cash prize of Rs. 500. The event was well appreciated by all.

3-Day Workshop on JAVA – January 2 to January 4, 2008

A three day workshop was organized by the Student Branch from January 2 to 4, 2008 for the students of first and second year under the banner of the Mentorship Program. It was the third workshop of its kind. Anupam Guha of third year, Information Technology Department acquainted his juniors with the basics of JAVA, multi-threading, AWT, event handling and exception handling. The schedule was divided into two sessions. In the first 2-hour session theory was taught in the class and difficult/important programming methods were implemented. In second 2-3 hour session students were left to practice and help was provided when required.

The workshop was attended by 23 students on a regular basis. They were provided with text along with the software. The group learning further strengthened the foundations. The workshop drew participation from students of all branches and especially from the departments of Electronics and Communication and Instrumentation and Control.

There was big emphasis on the practical aspects of JAVA with computer aided teaching. The workshop was a huge success

and was highly appreciated. More such workshops are in the pipeline.

STAR Program – January 9, 2008

Women in Engineering Affinity Group under the IEEE Student Branch of BVCOE organizes sessions in schools, by the name of STAR Program, in order to inculcate the interest of girl students in the field of Engineering. One such session was conducted in Guru Gobind Public School, Tilak Nagar, on January 9, 2008 by Megha, a 2nd year ICE student of BVCOE and an IEEE WIE Affinity Group member. Engineering as a lucrative career option was introduced to the students and they were informed about various fields of engineering, a number of successful women engineers and some general electrical components. The program was a success and the students requested our representative to visit their school again and hold more such sessions.

IEEE Delhi Section Quarterly Meet – January 22, 2008

The IEEE Student Branch of Bharati Vidyapeeth's College of Engineering hosted and organized the first Quarterly Meet of IEEE Delhi Section in the campus on 22nd January, 2008. An enthusiastic response was seen from all colleges with over 63 students participating, highest ever number in any IEEE Delhi Section student meet, and more willing to come. The various branches that participated apart from the host college were: IIT, Delhi, Delhi College of Engineering, Netaji Subhas Institute of Technology, Jamia Millia Islamia, Amity school of Engineering and Technology, Maharaja Agrasen Institute of Technology, University School of Information Technology, Indira Gandhi Institute of Technology, Jaypee University Institute of Technology, Solan, Hindu College of Engineering, Sonapat.

The meet comprised a technical lecture by Prof. A. K. Sinha on 'Digital processing of remote sensing satellite images', a seminar on foreign education by 'studyplaces.com', branch presentations of all the participating Student Branches highlighting the working and the various activities organized by their them and team building activities for the participants. The participants were divided into 8 teams comprising students of different colleges to maximize interaction. These teams competed in various informal activities.



Fervour 2008 – February 1 and 2, 2008

The IEEE Student Branch of Bharati Vidyapeeth's College of Engineering, New Delhi, organized its annual extravaganza FERVOUR 2008 on 1-2 Feb. 2008. Fervour 08 was a huge success and witnessed participation from colleges all over Delhi.

A 5-day online fest was organized before the campus edition, from 27 - 31 January, 2008, in which various online events were conducted such as Online India Quiz, E-Commerce, Online Treasure Hunt, Cinemanic and Inverted Mirage. Each event witnessed a participation of a minimum of 50 students, and the winners were awarded cash prizes worth Rs.500 in each event.

From 1st February onwards, various events belonging to different categories were organized in order to attract students of varied interests. Being the festival of IEEE Student Branch of an Engineering College, there were a whole lot of technical events, inviting the techno-junkies from various colleges. These events were Off road Rage (a Robotics Event), Brainstorming (the Recall game), JAM 'd' Circuit (Circuit Extempore) and Battle on Breadboard (the Circuitry event). The events were a huge success and witnessed a mass participation of more than 250 students. Cash prizes worth Rs.9400 in total were awarded to the winners of technical events.

Students interested in managerial studies were given an opportunity to participate in various managerial events such as Rediffusion (the marketing arena), Quiz Incorporado (the biz quiz), Cricket di Offerta (the business of cricket), Esudio de caso (case study) and a Mock Press Conference. The winners of the managerial events were awarded cash prizes worth Rs.11000 along with the certificates.

To cater to the literary interests of students, various literary events took place under Fervour 08, viz, General Quiz, Literary Quiz, Speak Your Mind, Fictional Pthesis, Potter Mania and Thesaurus (Sudoku for Vocabulary). It was one of the most popular Sections of Fervour 2008 as more than 600 students participated in the different literary events and won cash prizes worth more than Rs.8000, along with the certificates.

For the budding programmers, Fervour 2008 had plenty of options. The various programming events included It's a CAD Mad World (the AutoCAD contest), DeBugDaBug (the C/C++ debugging contest), Descript da Hardware (VHDL/Verilog programming), Overnight Programming, Rhthym 'n' Hues (flash animation) and Switch 'n' Code (C/C++ programming contest). The awards to the winners included certificates and cash prizes worth Rs.11000.

To induce some fun and frolic in the fest, various informal events, art events and film events were also conducted. These included Moviedom, JAM, Conundrums, Sloganeering, Chalk d Talk, Meet or Delete, Colla-Mix, Scramble-Saurus, AD-MAD, Film-AD, Lyrics Villa, Filmy Chakkar, Embedded Art, Cut d Crap and Graffiti.

Street Play and College Quiz were organized as a part of the curtain-raiser for the fest, and LAN Gaming and Treasure Pie were conducted to bring out the gamer in a student.

Apart from organizing events for the college students, IEEE Student Branch, BVCOE took special care of school students and organized a Delhi School Summit; and invited the school students to the college to let them have a look at an engineering college. Various events such as Graffiti, Extempore and Junkyard Wars were also organized especially for the school students. The school students enjoyed a lot and expressed their desire to be a part of Fervour 09 as well.

Fervour 2008 also organized a National Student Symposium on the 2nd day of the fest to give an opportunity to the

budding innovators. The symposium witnessed participation from all over India and was a huge success. The details of the symposium are given below.



National Student Symposium – February 2, 2008

The IEEE Student Branch of Bharati Vidyapeeth's College of Engineering organized a one day National Student Symposium on 2nd February 2008. The theme of the symposium was: Emerging Technologies: Challenge for the Future. Technical and Research papers were invited on topics such as Nanotechnology, VLSI and Embedded System, Micro Electronics Mechanical System, Soft computing (fuzzy logic, neural network, genetic algorithm), Power System and Energy Conservation, Biometrics and its Application, Virtual Instrumentation and Data Acquisition, Low Cost Industry Automation, Artificial Intelligence, Power System and Energy Conservation, E-Governance, Mobile and Distributed Computing & Object Oriented Software Engineering. This national symposium proved to be an ideal platform for the budding innovators to present their ideas and work in the areas of technological research. On the day of the symposium, delegates from IEEE Student Branch, Pakistan also visited our college. Around 100 abstracts were received from all parts of India. The abstracts were then short listed by eminent and highly experienced professors of Bharati Vidyapeeth's College of Engineering. Due to such a huge participation the team of NSS decided to conduct two kinds of paper presentations: Oral Presentation and Poster Presentation.

Oral Presentations - 25 Teams were selected by the panel for oral presentations. Papers were collected from all the selected 25 teams in order to prepare a special CD of the National Student Symposium. The papers were presented in two sessions, one in the morning and another in the afternoon. The judges were Dr. R. S Gupta, Dr. Sarkar, Dr. M. K Raina and Dr. Tiwari. Ist Prize in this category was won by Mr. Anup P. Pandya and Mr. Nimit H. Rajdev from Nirma University (Gujarat), who presented a paper on Implementation of a real time compression & decompression hardware using the LZW Algorithm. They received a cash prize of Rs. 11000 and certificates. 2nd Prize was won by Mr. Bharath Kumar, Ms. Akshaya and Mr. Allen Lee from Meenakshi Sundararajan Engineering College (Chennai), who presented a paper on S.O.S (Sense of Sight) -The audible optics. They received a cash prize of Rs. 7000 and certificates. 3rd Prize was won by Mr. Vineet Nagrath of Bharati Vidyapeeth's College of Engineering (New Delhi) who presented a paper on Pratham Humanoid Robotic Arm. He received a cash prize worth Rs4000.

Poster Presentations - 30 Teams were short listed for poster presentations. This was a new concept in which the teams were to make posters on the theme of their paper and then explain the concept behind their research to the judges. The judges for the poster sessions were Mrs. Aarti Kane and Mrs. Mamta Waugh. 1st Prize in the Poster Presentation category was won by Mr. Shashank Rohatagi and Ms. Rachneet Kaur of Bharati Vidyapeeth's College of Engineering (New Delhi). They received a cash prize of Rs. 2000 and certificates. There was a tie for the second position wherein two teams from MAIT won a cash prize of Rs. 1000 and certificates. The members of these two teams were Mr. Varun Arora, Mr. Navneet Jain, Mr. Gaurav Nangia, Mr. Abhishek Chhikara and Mr. Girish Kumar.

Deepshikha Gangal
Joint Secretary & WIE Chair
IEEE Student Branch, BVCOE

IEEE DELHI SECTION STUDENTS

The Second Quarterly Meet Of IEEE Students

The second quarterly meet of IEEE Students of Delhi Section was organized on 29th of March 2008 at Maharaja Agrasen Institute of Technology (MAIT). Dr. Adesh Sardana, Senior Scientist NPL was the guest of honour and Prof. Ashok Bhattacharya, Principal DCE was the Chief Guest. Shri U. K. Jha, Branch Counsellor, MAIT Student Branch, Prof. V. K. Jain – Director (Officiating) MAIT, Dr. O. P. Grover - Dean Academics, Prof. N. K. Kakar, Director, M.A.I.M.S, Abhishek Chhikara, Chairperson, MAIT Student Branch and Ms Prerna Gaur, Chairperson, Student Activities, IEEE Delhi Section were present on the occasion.

Dr. Sardana stressed upon the involvement of the young engineers in the core fields of engineering. Dr Asok Bhattacharya inaugurated the meet.



The students of Maharaja Agrasen Institute of Technology (MAIT), Bharti Vidya Peeth College of Engineering (BVCOE), Netaji Subhas Institute of Technology (NSIT), India Institute of Technology (IIT-Delhi), Indira Gandhi Institute of Technology (IGIT) and Hindu College of Engineering Sonapat attended the meeting. NSIT, MAIT and IGIT gave the Branch presentations. Students of MAIT launched their website. The WIE Affinity group of MAIT was inaugurated by Ms. Prerna Gaur, SAC Delhi Section.

Mrs. Prerna Gaur welcomed the students from various Branches in her presentation. She announced the names for Dr. J. K. Pal IEEE Award for 2008 for the Best Student member in each Student Branch of Delhi Section. She also

announced the certificates from Delhi Section to the Student Branches and the Branch Counsellors who maintains the membership of 100 in the Branch.



WIE team of MAIT with SAC, Delhi Section



Participants with Mr. U. K. Jha, and SAC, Delhi Section



SAC, Delhi Section introduced the GINI (Global Integrated Network of IEEE student), a five year project to integrate all Student Branches of R10, to the students of Delhi Section and requested three names per Student Branch to form the team of students of Delhi Section as a part of R10 GINI. She focussed on the membership drives and requested active branches to help the revival of dormant Student Branches.

Ms Prerna Gaur (prernagaur@ieee.org)
SAC, IEEE Delhi Section, India

Upcoming IEEE Conferences in Region 10

<http://www.ewh.ieee.org/reg/10/conferences/Conferences-in-R10.htm>

2008 International Microprocesses and Nanotechnology Conference (MNC)

27 Oct - 30 Oct 2008

Conference Location: Fukuoka, Japan

Sponsored By: Electron Devices Society - ED

Abstract Submission Deadline: 30 Jun 2008

Final Paper Submission Deadline: 30 Jun 2008

<http://imnc.jp/>

2008 8th International Symposium on Antennas, Propagation & EM Theory (ISAPE - 2008)

02 Nov - 06 Nov 2008

Conference Location: Kunming, China

Sponsored By: Beijing Section, China Council

Abstract Submission Deadline: 31 Aug 2008

<http://www.isape2008.com/>

2008 International Workshop on Metamaterials (Meta2008), 09 Nov - 12 Nov 2008

Conference Location: Nanjing, Jiangsu, China

Sponsored By: Nanjing Section AP/MTT/EMC Joint Chapter

Abstract Submission Deadline: 31 Jul 2008

Final Paper Submission Deadline: 31 Jul 2008

<http://www.metamaterials-china.org/>

2008 11th IEEE International Conference on Communication Technology (ICCT 2008)

10 Nov - 12 Nov 2008

Conference Location: Hangzhou, China

Sponsored By: Beijing Section, China Council

Abstract Submission Deadline: 30 Jul 2008

Final Paper Submission Deadline: 15 Sep 2008

<http://icct2008.hdu.edu.cn>

2008 International Conference of Recent Advances in Microwave Theory and Applications (Microwave-08)

21 Nov - 24 Nov 2008

Conference Location: Jaipur, Rajasthan, India

Sponsored By: Antennas and Propagation Society - AP, Geoscience and Remote Sensing Society - GRS, Lasers and Electro-Optics Society - LEO, Microwave Theory and Techniques Society - MTT

Abstract Submission Deadline: 15 Jul 2008

Final Paper Submission Deadline: 01 Oct 2008

<http://www.uniraj.ernet.in/~microwave/>

2008 International SoC Design Conference (ISOCC)

24 Nov - 25 Nov 2008

Conference Location: Busan, Korea (South)

Sponsored By: Seoul Section ED/SSC Joint Chapter

Abstract Submission Deadline: 17 Aug 2008

<http://www.isoicc.org>

2008 IEEE International Workshop on Register Transfer Level and High Level Testing (WRTLTL)

27 Nov - 28 Nov 2008

Conference Location: Sapporo, Japan

Sponsored By: Computer Society - C

Abstract Submission Deadline: 25 Jul 2008

<http://aries3a.cse.kyutech.ac.jp/wrtl08/>

2008 IEEE/SICE International Symposium on System Integration (SI International 2008)

04 Dec - 04 Dec 2008

Conference Location: Nagoya, Japan

Sponsored By: Industrial Electronics Society - IE, Robotics and Automation Society - RA

Abstract Submission Deadline: 16 Jul 2008

Final Paper Submission Deadline: 31 Oct 2008

<http://www.rm.is.tohoku.ac.jp/SIInt08/>

2008 Symposium on Piezoelectricity, Acoustic Waves, and Device Applications (SPAWDA 2008)

05 Dec - 08 Dec 2008

Conference Location: Nanjing, China

Sponsored By: Ultrasonics, Ferroelectrics & Frequency Control Society - UFFC

Abstract Submission Deadline: 30 Sep 2008

Final Paper Submission Deadline: 15 Dec 2008

<http://piezo.nbu.edu.cn/spawda08>

2008 IEEE International Conference of Electron Devices and Solid-State Circuits (EDSSC)

08 Dec - 10 Dec 2008

Conference Location: Hong Kong, China

Sponsored By: Electron Devices Society - ED, Hong Kong Section ED/SSC Joint Chapter

Abstract Submission Deadline: 29 Aug 2008

Final Paper Submission Deadline: 28 Aug 2008

<http://www.ee.cuhk.edu.hk/edssc08>

2008 Electrical Design of Advanced Packaging and Systems Symposium (EDAPS)

10 Dec - 12 Dec 2008

Conference Location: Seoul, Korea (South)

Sponsored By: Components, Packaging and Manufacturing Technology Society - CPMT

Abstract Submission Deadline: 31 Jul 2008

Final Paper Submission Deadline: 31 Jul 2008

www.edaps2008.org

2008 2nd International Conference on Internet Multimedia Services Architecture and Application (IMSAA), 10 Dec - 12 Dec 2008

Conference Location: Bangalore, India

Sponsored By: Bangalore Section, Bangalore Section EM/C/COM Joint Chapter

Final Paper Submission Deadline: 27 Jul 2008

<http://www.iiitb.ac.in/imsaa2008/index.html>

2008 IEEE International Conference on Robotics and Biomimetics (ROBIO)

14 Dec - 17 Dec 2008

Conference Location: Bangkok, Thailand

Sponsored By: Robotics and Automation Society - RA

Abstract Submission Deadline: 21 Jul 2008

Final Paper Submission Deadline: 20 Oct 2008

<http://www.robio.org/>

2008 IEEE Symposium on Computational Intelligence and Games (CIG), 15 Dec - 18 Dec 2008

Conference Location: Perth, Australia

Sponsored By: Computational Intelligence Society - CIS

Abstract Submission Deadline: 15 Jul 2008

Final Paper Submission Deadline: 15 Oct 2008

<http://www.csse.uwa.edu.au/cig08/>

2008 11th International Conference on Computer and Information Technology (ICCIT 2008)

25 Dec - 27 Dec 2008

Conference Location: Khulna, Bangladesh

Sponsored By: Bangladesh Section

Abstract Submission Deadline: 15 Jul 2008

Final Paper Submission Deadline: 08 Nov 2008

Conference Web Site: <http://www.kuet.ac.bd/iccit2008/>

2009 4th International Conference on Autonomous Robots and Agents (ICARA 2009), 10 Feb - 12 Feb 2009

Conference Location: Wellington, New Zealand

Sponsored By: Instrumentation and Measurement Society - IM, New Zealand Central Section

Abstract Submission Deadline: 13 Sep 2008

Final Paper Submission Deadline: 20 Nov 2008

<http://icara.massey.ac.nz/>

2009 International Conference on Networking, Sensing and Control (ICNSC), 26 Mar - 29 Mar 2009

Conference Location: Okayama, Japan

Sponsored By: Systems, Man, and Cybernetics Society - SMC

Abstract Submission Deadline: 01 Oct 2008

Final Paper Submission Deadline: 15 Dec 2008

<http://www.suri.sys.okayama-u.ac.jp/icnsc09.html>

ICASSP 2009 - 2009 IEEE International Conference on Acoustics, Speech and Signal Processing

19 Apr - 24 Apr 2009

Conference Location: Taipei, Taiwan

Sponsored By: Signal Processing Society - SP

Abstract Submission Deadline: 29 Sep 2008

Conference Web Site: <http://icassp09.com/>

2009 IEEE International Symposium on Industrial Electronics (ISIE 2009), 05 Jul - 08 Jul 2009

Conference Location: Seoul, Korea

Sponsored By: Industrial Electronics Society - IE

Abstract Submission Deadline: 28 Feb 2009

Final Paper Submission Deadline: 30 Apr 2009

<http://iliad.kaist.ac.kr/isie2009>

INTELEC 2009 - 2009 International Telecommunications Energy Conference, 18 Oct - 22 Oct 2009

Conference Location: Incheon, Korea (South)

Sponsored By: Power Electronics Society - PEL

Abstract Submission Deadline: 31 Jan 2009

Final Paper Submission Deadline: 30 Jun 2009

<http://www.intelec2009.com>

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If your Section wants to organise a conference and you would like to know about the processes by which IEEE conference business is conducted, please visit:

<http://www.ieee.org/web/conferences/organizers/index.html>

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