

IEEE BANGALORE SECTION



BROADCAST

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Editor's Note :

As we are publishing this quarterly newsletter, Please allow me to express apologies for the delay in publishing newsletter. Though the year was full of activities, because of some reasons I couldn't pen point them. I assure you that there will not be any delays hereafter and Newsletter will be published quarterly. Since 2nd quarter's newsletter was not published, this Broadcast provides information from March 08 till date.

Hitesh Mehta

Student Activities

Reported by Dr. T Srinivas

Major Student Activities For New Letter

- **Region 10 student Leaders congress** was held during 27-30 Jan 2008 in SSN College of Engineering, and is organized by Chennai section. 10 students from our section participated in this conference, along with the Chair and the Students Activity Chair.
- **Student Leaders Meeting** was held at Power Grid Corporation of India

on 13 April 2008. 44 members participated which included Student officers from 21 colleges, section execom members, GOLD representatives. Section Chair Mr. Ramakrishna Presided over the meeting. The purpose of the meeting is to review the activities of different student branches.

- **Branch Councilors Meeting** was held at Power Grid Corporation of India on 19 July 2008. Branch councilors/ advisors from 18 colleges participated. Dr. Kasturi Rangachar, Chair, IEEE Computer Society was the Chief Guest to the meeting. The purpose of the meeting was to appraise and consider the views of Branch councilors to enhance the students activities.

- **Student Leaders Workshop** was held in New Horizon College of Engineering during 15-17 August 2008 for three days. About 50 students from various colleges participated. Executive committee members from Bangalore Section and experts from industry participated. The purpose of the workshop is to train the student officers on various aspects of student branch operations like motivating, branch reporting, membership development, funding, etc besides interaction among the officers of different branches. A student volunteer information brochure prepared by R10 was circulated among

the participants.

- **Gold-Interface workshop** was held at PESIT during 20 September 2008. Over 300 students from different colleges participated. This one day event provided an excellent forum for students to interact with professionals from leading companies. They had lively interaction about co-operation between the student branches and IEEE Gold.
- **B R V Varadan Student Paper Contest** was held on 21 Nov 2008 at Canara Engineering college, Mangalore. First and Second Prizes were given in two categories; UG and PG.
- **Annual technical fests** were conducted by individual student branches. Each of them had representation from other student branches. The events consisted of technical lectures, paper presentations, quizzes and games
- **New Student Branches** inaugurated were
 - Dayanand Sagar College of Engineering:
 - New Horizon College of Engineering:
 - Sri Siddhartha Institute of Technology, Tumkur
 - Chennabasaveshwara Institute of Technology.
- **WIE Affinity groups** were started in three colleges : GIT Belgaum, NITK Suratkal, and SIT Tumkur.

ISMCR

An event was completed successfully and IEEE managed to achieve its goal to spread technology to the suburban areas. In this event overwhelming response was received from outside Bangalore mainly from Mysore where 4 tutorials

were attended by 102 students in which 23 were registered students. Around 24 good quality papers were presented.

ISM Conference and IMSAA 08

IEEE Bangalore Section is now counting on the upcoming events for which an overwhelming response have been received in the past and are our keys to explore new technical arenas. Chair Wg. Cdr. Parthasarathy is taking all the efforts to see ISMCR goes smoothly which is scheduled on 3rd, 4th and 5th Dec 08 at NIMHANS Convention Center.

With the capacity to include many countries and present as an event is IMSAA 08 which gives sound technological development and research tools to techies. IMSAA 08 is marching ahead with the scheduled dates in the month of Dec. Chair Dr. Subir Saha informed that till now papers have been received from India, China, Japan and USA.

Professional Activities

NDLP (National Distinguished Lecture Program) Program initiative taken by India Council whose chairman was Mr. Babunarayanan.

Tutorial on Linux was held on 10th Oct where an outstanding response of 110 registration received. With this response it was again requested to conduct for more numbers so IEEE is planning to conduct it once again in the month of Dec.

Membership Development Activities

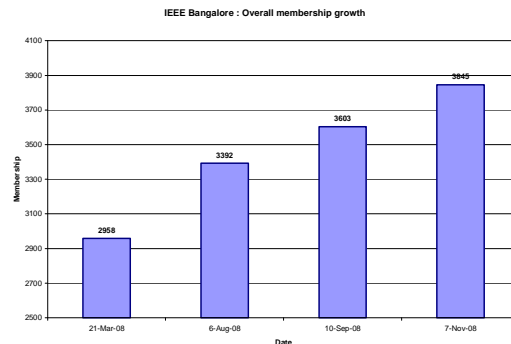
IEEE Bangalore Section Member Stats

IEEE Current Grade Description	21-Mar-08	6-Aug-08	10-Sep-08	7-Nov-08	Growth from March	Growth %
Affiliate	33	44	50	53	20	60.6%
Associate Member	90	103	112	106	16	17.8%
Fellow	9	9	9	10	1	11.1%
Life Member	3	3	4	4	1	33.3%
Life Senior	16	16	17	17	1	6.3%
Member	931	1113	1436	1478	547	58.8%
Senior Member	149	157	157	158	9	6.0%
Student Member	1490	1684	1626	1808	318	21.3%

IEEE Bangalore Section has done real good in this year and this can be shown clearly in figures and graphs.

In order to achieve this growth, all events conducted under Students Activities, Technology meets, Paper Presentations have contributed. Shri. Ravi Kiran has always taken efforts to see where he could get an opportunity to increase the numbers. The stalls were set up in exhibitions and events. Online Registration and as much easy procedures as possible were made available for the interested people to get memberships. With easy and transparent flow of transaction made it easy to get memberships availed. These numbers were also achieved by reaching out to professionals. With the lead by Shri. Ravi Kiran, a committee of IEEE members had visited companies like Infosys and many other to inform them about IEEE activities and to get the memberships. Samsung, Sasken the leading companies who have contributed together for more than 100 numbers of memberships.

With the activities like visit to Wipro training institute along with Prof. Celia Desmond and drive at ICCBN Conference on 17th July made it easier to reach to the target.



Shri. Ravi Kiran is optimistically aiming number 4000 to be crossed this year for which planned activities are to create small presentation which can be presented at every event as an IEEE promotion activity. IEEE Library event z also planned 2nd time this year as there was overwhelming response received in the months of Sept for the same.

Finance Matters

Achievement of this year is that IEEE Bangalore Section has got Tax Exemption Certificate Under Section 12A R/w Section 12AA(1)(b)(i) of the Income Tax Act, 1961

GOLD

GOLD has always been keen on taking initiatives and coming up with new events and creative ideas. Gold arranged Blood donation drive July 19th. Student Leadership Workshop was conducted on 16th Aug.

A Talk was arranged from an Accord professional at CMRIT/ Student Branch Renewal on Aug 23rd

Entrepreneurship work shop on 30th Aug at BIT Bangalore. EXECOM approved support for this event Rs. 20,000 only.

IEEE GOLD Workshop on Entrepreneurship

IEEE Bangalore Section GOLD Affinity Group continued its focus on entrepreneurship by organizing a workshop on Entrepreneurship. The half day workshop was held on the 30th August 2008 at the Bangalore Institute of Technology seminar hall.

Over 200 participants turned up to hear **Dr. Vijay Chandru** (Chairman and CEO, Strand Life Sciences), **Mr. Srinirajam** (Chairman and CEO, Ittiam Systems), **Mr. Ravichandar** (CMD, Feedback Business Consulting Services), **Prof. S. Sadagopan**, (Director, IIIT Bangalore), **Prof. K. Kumar** (Chairperson, NSRCEL - IIM, Bangalore), **Prof. C.E. Veni Madhavan** (Chief Executive, Society for Innovation

and Development, IISc) and **Mr. S. Bhaskaran** (Senior Director, Philips Healthcare, Philips Innovation Campus, Bangalore) talk about various aspects of entrepreneurship.

The proceedings commenced with the traditional lighting of the lamp, by the chief guest Mr. K. Ramakrishna (Chairperson IEEE Bangalore Section), Mr. Gowtham Prasad (IEEE Bangalore – GOLD Chairperson) and Mr. Vishnu Vardhan Makkapati (General Chair of the workshop).

The first talk of the day was by Dr. Vijay Chandru. He spoke about his personal experience of being an entrepreneur and a successful academic at the same time. This was followed by Mr. Srinirajam. Mr. Rajam spoke about a few vital, and periodic, questions that an entrepreneur must ask of himself and of his team during the entrepreneurial journey.

During the Coffee and Tea break in between the second and third talks, the participants got an opportunity to interact with each other and also with the speakers.

The post-break session, Mr Ravichandar spoke about the entrepreneurial DNA. A quote that sticks to ones mind is, “There are two types of people - one who only talk about doing business, and the other who actually do business”.

A panel discussion followed Mr. Ravichandar’s talk. The panelists were Prof. S. Sadagopan, Prof. K. Kumar, Prof. C.E. Veni Madhavan and Mr. S. Bhaskaran. They fielded various questions from the audience, ranging from “When is the right time?” to “Is the climate in India suited to start an

entrepreneurial venture?” The panelists’ insights were peppered with wisdom and humor.

Mr. R. Muralidharn, the Candidate for R10 Director-elect 2009-10 and Past Chair - IEEE India Council & Bombay Section attended this workshop. He was all praise for the organizing team. He also voiced his support for such activities in the future. Senior IEEE Members like Mr. Raja Rao, Mr. A Ravikiran, Dr. Subhir Saha also attended this workshop. The participants enjoyed attending the workshop, and so did the speakers.

GOLD Interface 2008

IEEE GOLD affinity group, Bangalore section in association with PES Institute of Technology organized a full day Student-Industry Interaction Session titled “**GOLD**



INTERFACE 2008”. The event was held on 20th September, 2008 at PESIT campus, Outer ring road, Bangalore and was sponsored by Microsoft India GTSC and Nokia Siemens Networks.

The event aimed at answering the common questions faced by engineering students like How does the industry work? What are the different technologies used in different domains? What should I learn to reach where I want to be? Where can I see myself 5

years from now? What are the career growth opportunities in different industries? And so on.

With an aim of finding answers to the above questions, the following were set as the objectives of “**GOLD INTERFACE 2008**”:

- To bridge the Industry - Student disconnect
- To create awareness about the different technologies / verticals and careers in
- each industry
- To create awareness about IEEE and IEEE GOLD activities



Wg. Cmdr. Parthasarathy, Vice Chairman and **Mr. Raja Rao A**, Chair Awards

Committee, IEEE Bangalore section represented the IEEE Bangalore section at the event.

While **Wg. Cmdr. Parthasarathy** briefed the students about the importance of integrity and ethics in work life, **Mr. Raja Rao A** took the opportunity to brief the audience about IEEE and IEEE member benefits. Representatives from the industry were carefully chosen so as to cover varied technological domains. The participating companies included:

- Microsoft India GTSC (Software product development and consultancy)
- Nokia Siemens Networks (Communications)
- Honeywell (Aeronautical solutions)
- Infosys (Software services)
- Texas Instruments (Hardware)
- Robert Bosch (Automotive Embedded systems)

The event sponsor, Microsoft India GTSC was represented by **Mr. Ramakrishnan G**, Group manager, Developer support while **Mr. Ravikiran A**, Head of solution center, Business support systems represented the second sponsor Nokia Siemens Networks.

Mr. Arjuna Rao Chavala, Softco site leader, Automation & Control solutions, Honeywell technology solutions, **Mr. Vivek Shaurya**, Infosys technologies, **Dr. Atul Jain**, Director, Wireless India design, Texas Instruments India and **Mr. Sathyanarayana N**, Deputy General Manager, Robert Bosch engineering & business solutions Ltd. represented their respective companies.

The event saw a packed seminar hall with over 300 students attending the event of which 200 were IEEE members. The speakers enlightened the students about the intricacies, both technical and otherwise, of professional life in their respective domains. They also laid stress on ways of hitting a balance between work and personal lives. The talks from the speakers were followed by an interaction session in which the students were given a chance to throw their questions at the speakers. The students were enthralled to see the rare sight of

speakers from varied domains sharing their experiences on a single stage. The participants and the dignitaries were treated to a delicious lunch sponsored by the event host, PESIT.

The post lunch session included two sections – interaction of the students with the EXECOM of IEEE GOLD, Bangalore section and a general quiz for



all the attendees. The first was a very interactive session in which the students were able to put across their plans for the IEEE student branches in their respective colleges and seek support from Bangalore section in general and GOLD in particular. The GOLD EXECOM on the other hand discussed detailed plans through which it could support the student branch activities. The interaction ended on a high with the student branches returning back assured of support from GOLD for their activities.

The final part of the event was a general quiz competition held by the students of PESIT for the participating students. It was two hours of brain games played before the team from RVCE emerged as victor. Team from PESIT came second. The winning team and the second best team were awarded cash prizes of Rs. 5000 and Rs. 3000 respectively by GOLD.

Prof. T. Srinivas, Student activities chair, who represented the IEEE Bangalore section at the valedictory function gave away the prizes to the winners of the quiz and also the



participation certificates to all the students who had participated in the event.

With a huge turnout and with the GOLD team achieving all the objectives it had set for the event, the event turned out to be a huge success.

Other Events and activities took Place in this year were :

1. SPConnect Signal Processing Networking event – March
2. Inaugration of Computer Society chaired by Prof. Sadagopan
3. Sction along with PES had organized talk on Spirituality and management on 14th June delivered by Dr. V. Prithvi Raj
4. History of Bangalore Section Supplement published via HQ.
5. Nano Technology lecture given by Dr. Surshan attended by 40 participants.
6. Inauguration of Student branch of IEEE Bangalore Section at S V College of Engineering. College gave it students an IEEE Membership as a gift.

7. Seminar – technology WITH A Human Touch – 18th Oct 08.
8. MOU SIGNED for sister section relation with Pinceton/ Le Jursy Se.

Felicitations on publications by IEEE members of Bangalore Section in 2008

All IEEE members from Bangalore Section are invited to announce publication of technical papers, article or white paper in any magazine, journal or reports in the year 2007. Publications expected to be published till Dec 2008 may also be included.

This felicitation is to recognize and appreciate contributions made by the IEEE members of Bangalore section in academic and corporate publications and is expected to be done during the AGM of the section to be held during beginning 2009.

Members are invited to submit the details citing the usual methods (as below) for references by 28 November 2008 to the Awards Committee.

- 1 Author(s) name(s).
2. Date of Publication.
3. Title of Publication.
4. Name of the Journal or equivalent along with Volume Number, page numbers etc.

The decision of the awards committee is final in all respects.

A. Raja Rao
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Awards Committee
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CALL FOR NOMINATIONS

Outstanding Service Award 2008

**From members of IEEE Bangalore
Section**

Please visit www.ieebangalore.org to fill up complete form.

Celebrations of 125th IEEE Anniversary

2009 marks IEEE's 125th Anniversary. To celebrate this milestone, IEEE is hosting a series of eight celebrations in major cities among which Bangalore Section has been selected as a prime city for the Celebrations. The goal of these events is to enhance the awareness of IEEE's technological expertise, leadership, and prestige. There will many happening events people and members will notice. Bangalore Section requests the highest level of contribution to its members for these events. The youth and enthusiasm will definitely make this event unforgettable for years.

Letter to Editor

The most acquainted essay topic for any school going kid would be definitely 'Is technology a boon or a bane?'. I fret over the situation when a little one would approach me and ask this question. My impromptu would be 'bulls eye, technology is a boon'. I fret only if the child cuts me short and shoots back a simple question 'why do then farmers keep committing suicides, can't the modern day technology save their lives?'

I am sure; I would go cold as I don't have a reason. Being a responsible citizen and an Engineer by profession, I can't pass the burden of guilt to someone and wash my hands of it. The one thing that should hurt the Indian conscience is the continued suicides of farmers. Those who fill our granaries, find themselves in the spot of bother crop failure over failure.

In the modern era of technology, where internet is the corpuscles of life, the newspapers, the media, the magazines all are in the race to educate the city resident on things pertinent to urban dwellers. I want to draw attention; are there any comparable sources of information available to our farmers? Indian farmers rely on mostly informal and unreliable sources for information. Farmers are ignorant about the advancements the agriculture sector has achieved over the years. They are ignorant as to how to tap the market, appropriate crop practices, and list goes on. Farmers should be given a platform where they could have access to the mined data. Surveys conducted year after year, suggest just one aspect; ignorance and lack of sources of information. The hesitation of the private banks and the telephone companies to add a farmer as a customer, where the companies go scat free by violating the fundamental law of "Universal service obligation" is also a fact to worry.

Indian's Bull Run continues, the number of Bollywood releases is also sky rocketing but the farming sector is in want of a blessing. Its high time for us to react, shouldn't we play a role in providing our farmers with a level playing field?

Nitin.K
Engineer,
Nokia Siemens Networks.