



IEEE Bangalore Section

BROADCAST<http://www.ieee.org/bangalore/>email: ieeeblr@vsnl.net**TENCON 2003 SPECIAL ISSUE****CHAIRMAN'S COLUMN****Dear Members,**

It is great to be addressing members and readers again through this newsletter.

There are a number of signification activities recently to report on and fresh ones lined up for the rest of 2003 from the Section and Chapters.

Firstly, readers will be aware that the Region 10 IEEE TENCON 2003 International Conference was held at Taj Residency, Bangalore from October 14-17 and it went off excellently. This conference was sponsored by Region 10 and organized by the Bangalore Section, and co-sponsored by the IISc, Bangalore. A lot of work had gone into this conference, starting more than a year ago, by the Conference Committee, with Prof. Khincha as General Chair and the Section. The event is now just over and there is a full report with pictures in this newsletter. The conference program, tutorials and other details are being published in this newsletter for the benefit of members and readers who could not attend. It is my pleasure to acknowledge one and all who helped to make this Tencon 2003 a success.

Dr. Seo, Region 10 Director also attended Tencon 2003. Our section officers visited the Region 10 meet at Penang on October 10-11, and received a load of awards - three, in fact. See report on this inside.

Another good news, recently received from the IEEE HQ, is that the petition for the new Information Theory Chapter in the Section has been approved. You should hear soon about the Inaugural and kickoff activities of this new Chapter. Dr. Sundararajan will officiate as the Founder Chairman of this new Chapter. Let us wish the Chapter a great start!

Our Annual Symposium and Student Paper Contests are on, as per tradition and will be held in November as already announced. You should hear soon on the program and other participative details from Dr. Pandian and Dr. Srinivas, the main organizers. Again, we look forward to an enthusiastic participation from all cross-section-professionals, academics, research organizations, especially students.

Others activities-lecture talks, student activities, etc. - are going on well as usual. The Student Branch at BVB College of Engineering, Hubli has just been inaugurated.

Wish you all the very best, and look forward to see you in the various events.

Best Regards
Prof. S V Sankaran
Chairman

COMING STUDENT EVENTS

12th Annual Symposium and Student Paper Contest, Capital Hotel, Bangalore, Nov.21-22.

2-day Techfest 'KSHITIJ 2003' at BEC, Bagalkot on Nov. 15-16.

Information Theory Chapter, Inaugural Program & date - to be announced.

Technical Colloquium at Bhoomareddi College of Engg, Hubli on Nov. 29.

Student Leadership Workshop - dates, Venue, Program to be announced

Participate & Benefit !!**Inside...**

- o Tencon 2003 Conference Report
- o R-10 Meet Report
- o Nomination call for Outstanding Service Award

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REPORT ON TENCON 2003 CONFERENCE

It was really like a dream come true for the Section, when the IEEE Region 10 Tencon 2003 International Conference went off very well on October 14-17 at the Taj Residency Hotel, Bangalore!

This conference, campaigned for by past chairmen Mr Parameswaran and Prof Rajgopal, had undergone an elaborate planning and action for nearly two years and concluded successfully this month. Behind the scene was a lot of dedicated efforts by the Tencon Committee members, under the able leadership of Prof. H P Khincha of the IISc as General Chair and a host of other volunteers. Thanks to one and all!

The Conference was organized by the IEEE Bangalore Section, sponsored by the IEEE Region 10 and co-sponsored by the Indian Institute of Science, Bangalore.

HIGHLIGHTS

The conference, with its theme of CONVERGENT TECHNOLOGIES FOR THE ASIA-PACIFIC, brought in excellent response in terms of paper submissions and tutorial proposals. The Technical Committee, led by Prof. Y N Srikant of IISc, handled the onerous job of evaluating the over 800 papers submitted in the various disciplines within the limited time and selected 233 papers to be presented in five parallel technical sessions over three days and 79 papers for poster presentation. Similarly, there were 22 tutorial proposals received, out of which 6 were chosen to be held in three parallel sessions covering the first day of the conference. The numbers indicate the good quality of papers received and the high level of participation from Region 10 and beyond.

Here are some highlights from the conference. The conference was well-attended by over three hundred delegates, including about 60 of them from outside India, from Asian as well as western countries. This conference was the lucky first to utilize the freshly renovated Banquet halls of the Taj Residency. On the pre-conference day (Oct 14th) there was an excellent response for the tutorials, some of the registrations overflowing hall capacity. The six tutorials went off well. The details of tutorials and instructors are attached at the end of this report for readers' information.

THE INAUGURAL

The Inaugural of the conference was held on Oct 14th evening and was a well-attended event, with dignitaries, senior IEEE persons including the Region 10 Director Dr. Jung Uck Seo and Region 10 Director-Elect Dr. Seiichi Takeuchi and press & TV in attendance. The conference was presided over by Prof. Goverdhan Mehta, Director, IISc and inaugurated by Sri D.B. Inamdar, Hon'ble Minister for Information Technology, who also released the CD of the conference proceedings. The Hon'ble Chief Minister Sri S M Krishna, who could not come for the Inaugural, had conveyed his good wishes and an address that was read out by Sri Inamdar. Dr. Seo, the Region 10 Director also spoke on the occasion. The Inaugural Key Note address was delivered by Prof. V. Rajaraman, Prof. Emeritus, IISc. Prof. Khincha, conference General Chair welcomed the gathering and Prof. Srikant, Technical Program Chair outlined the technical features of the conference. Prof. Sankaran, Chairman, IEEE Bangalore Section delivered the vote of thanks. The Inaugural was followed by a High Tea that afforded excellent comradery for those gathered.

THE CONFERENCE

The three conference days Oct 15-17 started with a sparkling Plenary Session and continued with the parallel technical paper

presentation sessions. Dr. M. Vidyasagar, VP, TCS, Hyderabad delivered the first day's plenary talk on "Some Challenges in Computational Biology" that laid out the subject well for the main audience of engineers. On the second day, Prof. P R Kumar of the University of Illinois, USA delivered a plenary talk on "Networks: From Information Transfer to Sensing and Control" and Dr. Rajiv Ramaswamy, CTO of Optical Group with CISCO Systems, Bangalore delivered a plenary talk on "Multi-Service Metro Optical Networking". on the third day.

The conference was generously sponsored by a number of organizations, national and international:

- AICTE, New Delhi
- CG-Smith Software, Bangalore
- DaimlerChrysler Research and Technology India Ltd., Bangalore
- Electronics Corporation of India Ltd., Hyderabad
- General Motors India
- Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore
- HP Labs India
- Intel India
- Texas Instruments India
- US Air Force

On Oct 15th, the lunch was hosted by DaimlerChrysler Research and Technology India and there was a special industry pre-luncheon talk by Dr. Roland Haas, Managing Director of DaimlerChrysler Research and Technology India on "Systematic Reuse of Software with Particular Reference to Automotive and Embedded Applications". On the final day there was also a special presentation by one of the sponsors Intel India.

OTHER HIGHLIGHTS

On Oct 16th, there was a Dinner Banquet arranged at the Taj West End Hotel. The Banquet featured a lively cultural event of dances to entertain the audience. During the Banquet, Dr. Seo, the Region 10 Director, presented awards, in front of the Bangalore audience, to the IEEE Bangalore Section for Sustained Membership Growth (third in a row) and Outstanding Section and to Prof. Rajgopal for Outstanding Volunteer.

The Tencon conference had several side highlights. Thomas Cook maintained a desk to facilitate the travel and spouse programs for the delegates. An IEEE desk was maintained throughout the conference to inform and appraise the non-member delegates about IEEE, provide membership forms and help in becoming a member. Also, through the help of Harita Software, a complement of about 10 PCs and notebooks were provided so that delegates could access internet and email during the conference, including using Wi-Fi.

Overall, the conference was a resounding success and demonstration of a great organizing effort in hosting a high level international IEEE conference by the IEEE Bangalore Section at Bangalore!

The full technical program and other details are given here for the benefit of the members and readers who could not attend the conference.

- Prof. S V Sankaran
Chairman, IEEE Bangalore Section.





Hon'ble Minister Sri. Inamdar being received by Prof. Khincha and Dr. Mitta



Sri. Inamdar Inaugural speech



On the Inaugural dias: L to R Prof. Khincha, Dr. Seo, Sri. Inamdar, Prof Mehta, Prof. Rajaraman, Prof. Sankaran



Conference Proceedings CD being released by Sri. Inamdar



A section of the Inaugural audience

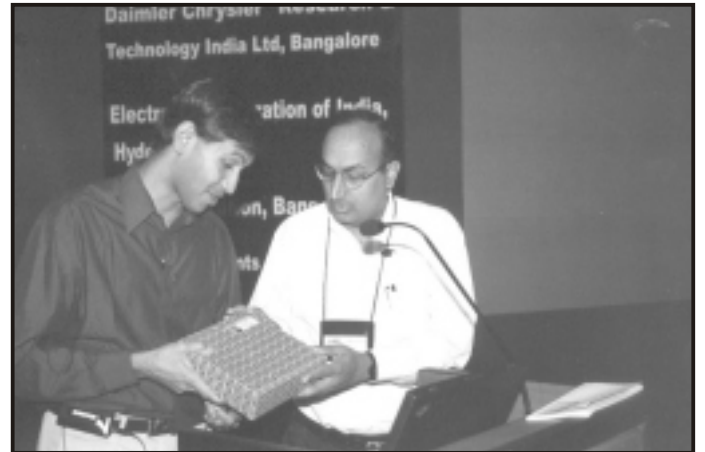


Prof. Kovilpillai conducting his tutorial





Dr. Vidyasagar delivering Plenary Talk



Dr. Ramaswamy being presented a memento by Dr. Sivarajan



Dr. Roland Haas at his luncheon address with Mr. Rajarao and Prof. Sankaran



A typical paper presentation in progress



Prof. Kumar being presented a memento by Dr. Seo



A poster session in progress





A Section of the audience at the dinner banquet



Prof. Rajgopal receiving the Outstanding Volunteer Award from Dr. Seo



Cultural program at the dinner banquet



Luncheon in progress at the Conference



Dr. Seo presenting the Outstanding Section Award to Mr. Hiriyannaiah



Some of the Tencon 2003 Committee and Volunteers





REPORT ON REGION 10 AGM HELD AT PENANG



Dr. Pal, Prof. Rajgopal and Mr. Arjuna Rao receiving Awards at R10 Meet from Dr. Seo

IEEE Region 10 Annual General Meeting took place on October 10 & 11 2003 at Shangri-la's Rasa Sayang Resort, Penang, Malaysia. IEEE Bangalore Section was represented by Dr. Surendra Pal, Vice Chair, Mr Arjuna Rao Chavala, Vice Chair, and Prof. Kasi Rajgopal Past Chairman of the IEEE Bangalore Section. Prof. Kasi Rajgopal, Chairman 2000-2001 attended to receive Region 10 2002 Outstanding Volunteer Award. Dr. Surendra Pal attended to receive the Region 10 2001 Outstanding Section Award for the Bangalore Section.

The meeting was chaired by Dr. Jung Uck Seo, Region 10 Director. About 80 delegates attended the meeting. The two day program had reports from various committee chairs and training sessions on various activities. The Region 10 awards were presented during dinner meeting. Cleo Anderson RAB, VP also participated in the meeting.

Dr Seo, in his welcome remarks, solicited for better support to the student branches by the Section and GOLD groups. He expressed concern at the sprouting and sudden death of student branches in Region 10 and suggested for better support to the new branches. He expressed concern at the increasing tension in the world and hoped that goodwill and peace will prevail, which is very much needed for a global organizations such as IEEE to conduct its activities.

The highlights of the meeting are as follows:

Membership Development

Student membership declined, except in New Zealand, where the Section provided subsidy for student members.

R10 has more than 250 student branches, but many inactive student branches are in the Indian region.

Bangalore has 21 student branches with 8 inactive & 5 newly formed branches.

Region has set a membership growth goal of 4%.

Region will provide a rebate of \$1 per student member.

IEEE designated field has been expanded to include IT, Biomedical, Chemical, Civil, etc.

Student Activities

Region 10 student paper contest was won by M. Venkataraman from VTU, Bangalore Section, India

A motion to change the reporting structure of Student branches from HQ to the local section was adopted for further consideration by IEEE Board of Directors.

The region 10 startup funding of \$100 for new student branches will be disbursed in two installments of \$50 in the first year and another \$50 in the second year (if the student branch remains active). This is to encourage the newly formed student branches to continue to remain active.

Awards

A motion to increase the number of Region 10 Outstanding Volunteer Awards was dropped after considerable debate.

A motion to split the Distinguished Section Awards into large section (> 500 members) and small section awards in line with RAB awards proposal was deferred after considerable debate.

Section reports for 2003 are needed by end Feb 2004 to allow sufficient time for submitting the winners for the RAB Best section award.

Region 10 Outstanding Volunteer nomination deadline is end of Nov 2003.

Sections are strongly encouraged to institute awards and recognize the contribution of volunteers and organizations supporting IEEE.

R10 Bylaws, Operating manual

Region 10 Operating Manual was adopted.

R10 Bylaws which clarified the details of nominating committee and other committee were adopted. The nominations committee consists of Region Director, Director Elect and immediate Past Director (Chair).

REP

The Institution and branches (fields of specialization) list for the REP roster is separated now. If a student graduates from an institution specified in the list and the branch specified in the list, he or she will be given a Member grade when he or she graduates.

The REP update submitted from Bangalore section in July 2001 is not incorporated. A suggestion was made to update the REP program for Indian technical





education programs, based on the AICTE database, without insisting on filling of forms.

TENCON

Arjuna Rao Chavala presented a report on TENCON 2003. A report on TENCON 2004 to be held in Chiang Mai, Thailand was presented. TENCON 2005 proposal by Victoria Section was approved.

Awards function

At a well-attended awards dinner, Dr Seo presented the various R10 awards. Dr Pal received 2001 R10 Outstanding Section Award on behalf of the Section. Prof. Rajgopal received the 2002 R10 Outstanding Volunteer Award. 2002 RAB Sustained Membership Growth Award was received by Dr Pal, Prof. Rajgopal and Mr Arjuna Rao. Prof. Rajgopal and Dr Pal presented the highlights of the Sections activities and the best practises of the Section such as technical colloquia at Student branches, starting of chapters, visits of Senior members to Student Branch functions. IEEE Madras and IEEE Calcutta Sections were awarded

25 years' service banners. It was interesting to note that this year's awards were all won by Indian sections and volunteers.

Best practises from other sections shared at the meeting:

Utilizing Life members to visit Student Branches to speak to the students (Bombay Section)

Industry support for Student memberships (Seoul Section)

Supporting Student memberships by Section (New Zealand)

Email petitions endorsed by Section Chair for starting new chapters (Malaysia)

Use e-Notify to broadcast notices to the members of the section using IEEE HQ (India Council). A lead time of 2 days are needed, without need to maintain a separate mailing list.

-- by Arjuna Rao Chavala,
Vice Chairman, IEEE Bangalore Section



CALL FOR NOMINATIONS FOR OUTSTANDING SERVICE AWARD

Nominations are invited for IEEE-Bangalore Section Outstanding Service Award from members of IEEE Bangalore Section. The nominee should be an IEEE Corporate Member who has contributed significantly towards the overall growth of IEEE-Bangalore Section. The nominee generally should be a current Bangalore Section member; however in exceptional cases he/she could be even an ex-IEEE Bangalore Section member, who in the past (even from outside) has contributed significantly/rendered exceptional services towards the overall growth of the Section. The Award consists of Rs. 10,000/- cash and a plaque to be given at the time of AGM of the Section. The nomination should be in the following format and should reach the Section Awards Chair by 15th Dec. 2003. Self-nominations are not encouraged. Total nomination write-up should not be more than 5 printed pages (use 10 font size). Current Chairman, Vice-chairmen, Treasurer and Secretary are not eligible for the current year for consideration for the award.

Address to send nominations:-

Dr. Surendra Pal
(IEEE Bangalore Section Awards Chair)
Deputy Director,
ISRO Satellite Centre, Airport Road,
Vimanapura P.O., Bangalore 560 017.
Email:- pal_surendra@hotmail.com





IEEE BANGALORE SECTION OUTSTANDING SERVICE AWARD - NOMINATION FORM

1. Candidate Information

Last Name	First	Middle	Prefix
Organization's Name (if None, Please leave blank)		Organization's Affiliation (Education/Industry/ Government/others)	
Mailing Address			
City	State	pin Code	
Telephone #	Fax #	Email	IEEE Member Number & Grade

2. Education

Degree	Year	Educational Institution	Location
PHD			
Masters			
Bachelors			
Others			

3. Professional History. Current position first. If necessary, cite only most recent positions

From (year) to (Year)	Name of Organization	Position Held and Responsibilities
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4. Proposed Citation (not more than thirty words)

5. Individual contributions (Specify succinctly) (not more than 250 words for each part)

A. Explain why the candidate's contributions are substantially and significantly better than that of the average IEEE Bangalore Section Member, towards the overall growth of IEEE Bangalore Section in particular and IEEE in general.

6. Evidences of his contributions

Supply the following information : List the three most important items of tangible and verifiable evidence of his significant contributions towards the overall growth of IEEE-Bangalore Section.

7. IEEE Activities - Awards, Professional society memberships, Committee

Memberships (Major Professional, Government, or International) Professional Engineer's License. (not more than 250 words)

9. References.

(Give names of two Referees, who in case of need can be contacted for further referrals).

10. Nominator Information

Last (Family) Name	First	Middle	Prefix
Organization's Name		Mailing Address.....	
City	State	Pin Code	
Telephone#	Fax#	Email	

