

IEEE India Bulletin Vol. 9 No. 10 October 1999

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CHAIRMAN'S MESSAGE

New Initiatives

IEEE President, Dr. Kenneth R. Laker, accompanied by Dr. Vijay Bhargava, Dr. Michael S. Adler, Dr. P.W. Spencer and others visited many Sections in India. The members were able to directly interact with the President and other officers. Besides many distinguished persons from the industries and the Government were able to meet the President's party. This has raised the general level of awareness about IEEE in India. Now it is for us to use this awareness to increase the IEEE membership in India.

If a large percentage of our electrical, electronics & computer engineers and computer application specialists join IEEE, it would raise the awareness of our engineers about the technologies, as they are developing today. This would lead to more efficient use of our resources, and consequently, greater generation of wealth through a better application of today's technologies.

IEEE India Council, jointly with the Sections, proposes to take two more initiatives.

It proposes to help our members organise technical programmes in cities, where no IEEE programmes are usually held till now. During 1999-2000 IEEE will make a beginning by organising a few such programmes in some of the cities. Thereafter we shall try to take the activities to more cities in India. I call upon the members in these cities to volunteer to take up the responsibilities for conduct of such programmes. The members who are willing to shoulder the responsibilities may please write to Mr. P.K. Shrivastava, Executive Vice Chairman of the India Council. His address is:

Mr. P.K. Shrivastava
A-315, Sector 19, NOIDA-201 301
Tel: +91 (11) 855 2570, + 91 (11) 852 2945
email: pk9@hotmail.com

Secondly IEEE India Council proposes to organise a Students Congress for the 125 branches in various institutions of higher learning in India. This would make the branches aware of what is happening in IEEE and what IEEE expects from good branches as we move towards the new millennium. The branches would, thereby, be able to work more effectively to serve their members.

I request Student Branch Chairmen, the Counsellors and the SAC's of every Section to convey to Dr. S.C Gupta their contact information including both the postal and e-mail addresses and telephone and FAX numbers of their offices and homes, if they have not done so till now. This would help Dr. Gupta in the organisation of the Students Congress. His address is:

Dr. S.C. Gupta
 Chairperson-Students Activities Committee of IEEE India Council
 Dept. of Electrical Engg.
 Institute of Technology,
 B.H.U
 Varanasi, 221 005, Uttar Pradesh
 Tel:+91 (542) 31 7074 (Home) OR +91 (542) 31 6801 - 05 (Office)
 Fax: 31 7074, 31 6946
 e-mail: scgupta@banaras.ernet.in OR s.c.gupta@ieee.org

In our field there are a very large number of engineers, who are not in IEEE's fold. There are also a large number of institutions which offer 4- year Bachelors and Master's courses in our fields and which do not have an IEEE Students Branch. Our effort should be to bring them all into the IEEE family in India. This can be done only through the contribution of every existing member.

If membership forms or any other help for enrolment be required, please visit the IEEE India Council web-site at URL www/ewh.ieee.org/r10/india_council/index.html.

The site also has the addresses and e-mail addresses of the Section Chairmen and other office-bearers of India Council. We shall all be glad to provide help if you should contact any one of us.

May I therefore appeal to every member in India to enroll at least two new members before December 31, 1999 ?

Ahmedabad A. K. Aggarwal
 1st October. 1999 Chairman



E-mail : aka@ad1.vsnl.net.in

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CONGRATULATIONS

P.V. Ananda Mohan appointed as Assoc. Editor of IEEE Transactions

Dr. P.V. Ananda Mohan, a senior member and General Manager (Transmission R&D) of ITI Ltd., Bangalore is appointed as Associate Editor of IEEE transactions on "Circuits and Systems" from Ist July 1999 for a two year term.



Dr. Ananda Mohan had his Ph.D. from IISc, Bangalore and has a quarter century of experience at ITI. A renowned R&D Manager, he has experience in the fields of Analog VLSI signal processing, Cryptography, Residence Number Systems, VLSI Architecture, DSP applications to telecommunications etc.

He is presently steering the R&D projects in ITI Ltd. in the area of Satcom, Microwave, Digital, UHF, Fibre optics, PCM, MUX and Line systems. With more than 75 papers to his credit, he has also co-authored the book entitled "Switched capacitor Filters: Theory, Analysis and Designs" [Printice Hall International, London 1995]

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ACE'99

<p>ACE '99 at Trivandrum 2 - 4 December 1999 Contact: Koruthu P. Varughese ieeek@vsnl.com Theme: Intelligent Networking</p>
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CHAIRMEN OF IEEE SECTIONS IN INDIA

2. Uttar Pradesh Section

1. Delhi Section	Mr. R.K. Asthana C-20 Takshshila Apts. 57 I.P. Ext., D- 92 New Delhi	O : 6493 031/2487 R : 224 0390 OR 241 1218 Fax : 649 2587 / 649 3021 e-mail : (i) asthana@ieee.org OR (ii)asthana@del3.vsnl.net.in
Dr. Ravindra Arora Dept. of Electrical Engineering Indian Institute of Technology Kanpur - 208 016	R : 91-512-59 0339 O : 91-512-59 7665 FAX : 91-512-59 0260 e-mail : rarora@iitk.ac.in OR rarora@iitk.ernet.in	
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10. Gujarat Section	Prof. Ashok R. Pandya D.D. Institute of Technology P.B. No. 35, Nadiad, 387 001	Phone : + 91 (268) - 5 1154 (R) + 91 (268) - 6 1227 (R) Phone: + 91 (268) - 6 0502 (O) e-mail : aka@ad1.vsnl.net.in

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COMMSPHERE-2000

URSI COMMSPHERE 2000

International Millennium Conference on
AFFORDABLE TELECOM AND IT SOLUTIONS FOR DEVELOPING COUNTRIES
February 28 - March 2, 2000
Indian Institute of Technology
Chennai 600 036, India
e-mail : commsphere@tenet.res.in
www.tenet.res.in/commsphere/commsphere.html

CALL FOR PAPERS

The Steering Committee invites both original and review papers on areas given below:

CONFERENCE SESSIONS

1. Hierarchy of Telecom & IT needs in different developing countries and regions
2. Recent Innovations in technologies and systems
3. Affordable Telecom and IT network
4. Multi-service networks - education, health

5. Innovations in access terminals and Software Components
6. Manpower needs for creating and operating networks in developing countries
7. Regulatory and policy issues.

Manuscript for review should be submitted in four (4) A4 size sheets, typed in double space (1200 words), so as to reach on or before September 15, 1999.

TUTORIALS

A number of Pre-conference tutorials, each for 4 hours, are planned to be held on Feb 28, 2000. The topics include:

1. Wireless Access;
2. Fiber Access ;
3. xDSL Access;
4. Access on Cable;
5. Internet Networking;
6. Network Operation and Management
7. Communication Terminals

For further details visit the website above

All correspondence may be addressed to:

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 Convener, COMMSPIRE 2000
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IEEE TAB COLLOQUIA IN INDIA

VISIT TO DELHI



Delhi Section Chair Mr. R.K. Asthana presenting memento to IEEE President Dr. Kenneth R. Laker; Sitting (L to R) Ms. Mary Ward-Callan, Dr. Michael S. Adler, Mr. P. Wes Spencer and Ms. Fanny Su

IEEE TAB Colloquia delegation consisting of the following members arrived Delhi on 19th/20th Sep 99:

- o Dr. Kenneth R. Laker, IEEE President
- o Dr. P. W. Spencer, Chairman, TAB colloquia Steering Committee
- o Dr. Michael S. Adler, Vice President, Technical Activities Board
- o Ms Marry Ward-Callan, Managing Director, Technical Activities
- o Fanny Su Beh Noi, Manager, Asia Pacific Operation Centre

Mrs Marry Ellen Laker W/o Dr. Laker and Ms. Emily Adler D/o Dr. Adler accompanied the delegation.

The first engagement for the delegation was arranged at India International Centre at 1730 Hrs. The function covered welcome to TAB colloquia by the Section, meeting with Delhi Section Executive Committee members, a presentation by Dr. Laker titled

The IEEE Fostering Technological Innovation, enabling Members Career and promoting community World wide". It was followed by Open house discussions with Section members. The Open House highlighted the following issues :

1. As most of the members in India fall in "Minimum Income Group" and are eligible to pay only 50% dues for IEEE membership, GOLD programme is not suitable for this country in the present form. To attract members for GOLD programme IEEE may consider allowing double concession. I. E. first reduced dues for GOLD membership and then Minimum Income Group concession of 50%.
2. Like IEE Sections, may be allowed to collect membership fee in Indian Rupees especially from students.
3. It was clarified that in case an application for a "Fellow" is not approved in one go, it should be made again. In fact there is no restriction on number of times an individual can be nominated for a Fellow.

It was highlighted that for the first time in the history of Delhi Section, the membership has crossed 1000 mark. In fact as on 31st August 99, Section membership stands at 1565.

Dr. Vijay Bhargava, distinguished Lecturer in Communications joined the Colloquia during its visit to Delhi College of Engineering (DCE) on the morning of 20th September. IEEE and IEE student Chapters welcomed the TAB Colloquia, IEEE & IEE Delhi section members to DCE.

The delegation interacted with the Principal and Faculty from Electrical, Electronics, Communication and Computer Science Engineering. Following talks were delivered by TAB Colloquia members :

1. Life Long Learning for Engineers in the 21st Century by IEEE President Dr. Laker.
2. Electronics in Power Utility Systems by Dr. Spencer
3. High Density Interconnect Packaging by Dr. Adler. During the interactive Session with student Branch office bearers, a presentation of Student Branch CD was made, featuring Troika an annual event of the college, which is attended by students from various Engineering Colleges in India.

Students addressed the following issues to the Colloquia :

- Students pointed out that IEEE student membership fee is US\$ 14 against IEE's Pound 2. - Can IEEE have Student Exchange Programme between DCE & Universities abroad ? - Can IEEE help DCE in expanding the participation level of "Troika" outside India?

The programme ended at 1430 Hrs, on 20th followed by a short sight seeing trip. The TAB Colloquia delegation left for Ahmedabad on 21st Sep 99 morning.

Dr. S. Mukhopadhyay
ECC and T&P A Sub Committee Chair
IEEE Delhi Section
Email: Subrata@ieee.org

VISIT TO CALCUTTA,

TAB colloquia arrived in Calcutta on 26.9.99 from Bangalore. On 27.9.99 morning, the members of the IEEE delegation had an interactive meeting with the Dean, the Heads of the Departments and other faculty members of Faculty of Engg & Technology at Jadavpur University. In this meeting Prof. S. K. Sanyal, the Dean, F.E.T. elaborated the multifaceted activities of F.E.T,

Jadavpur University and Prof. D. K. Basu, Chairman, IEEE Calcutta Section, presented the spectra of IEEE Calcutta Section activities. After an open discussion between the IEEE delegates and JU faculty members, Prof. N. Chatterjee, Vice-Chairman, IEEE Calcutta Section, proposed a vote of thanks.

The colloquium started at 1500 hrs at the Calcutta club premises. The entire colloquium had been divided into two sessions. The first session was chaired by Prof. P.K. Mukherjee, former Vice-chairman, IEEE Calcutta Section and the speakers were Dr. M. Adler, Vice-President, IEEE TAB and Prof. V. Bhargava, President-Elect, IEEE Information Theory Society.

Dr. Adler spoke on "Life long Learning for engineers in the 21st century" and "An overview of cellular wireless communications" was the topic of Prof. Bhargava's talk. The second session commenced after the tea-break and was chaired by Prof. M. K. Mukherjee, former chairman, IEEE Calcutta Section. Mr. P.W. Spencer, chairman, TAB colloquia steering committee made a presentation on "Electronics in Power Utility Systems" and Dr. S. Rajagopal spoke on "Lessons for profitability : Moving from Strategic to Tactical Vision to Action".

A large number of corporate and student members attached to IEEE Calcutta Section actively participated in this program. The talks were followed by an absorbing discussion between the IEEE delegates and the members present. Finally, the executive committee members of IEEE Calcutta Section had a meeting with IEEE dignitaries, followed by dinner hosted by IEEE Calcutta Section. IEEE Calcutta Section had the honour of presenting mementoes to the IEEE guests as tokens of fond remembrance. Mr. K. K. Dasgupta, Life Senior Member and former Chairman of IEEE Calcutta Section presented the mementoes after brilliantly summarizing the talks. IEEE delegation also took this opportunity to visit some places of interest in Calcutta. The TAB colloquia left Calcutta on 28.9.99 morning.

Dr. S. Chakravorti
Secretary, IEEE Calcutta Section.

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TECHNOLOGY CORNER

Multimedia Microwave Cooker

A microwave cooker that surfs the Internet, pays bills, transfers money, orders weekly shopping and can be used to watch television-while the dinner is being cooked-has been unveiled as the 'must have' multimedia appliance for today's home.

The pioneering, prototype equipment developed by the United Kingdom-based branch of NCR, the international banking services and equipment supplier may be in the shops in 18 months and hopes to revolutionize banking and electronic commerce by capitalizing on the familiarity and time-saving features of the microwave cooker.

The appliance's special features include touch-sensitive screen technology in the door, a built-in Internet browser and a television (TV) card. These allow the user to: perform banking transactions including payment of bills, money transfer and loan applications. shop online through the World Wide Web send e-mails by dictating a message into the voice-activated technology and by simply pushing a button, turn the door into TV screen. Source: Technorama 8/99

To point out your HV faults



Distribution engineers need a lightweight live line tester that can be inserted into isolation spouts for indoor metalclad switchgear. The T120A VICTOR was designed by Bicotest for this purpose.

It is easy to use and portable and functions as both a 13kV insulation tester and 15 kV voltage indicator. It can be used with both 6.6 kV and 11kV switchgear and saves considerable time in sectionalising high voltage faults.

The VICTOR also features a safety key interlock, battery safety indicator and rechargeable batteries.

Source: Asian Electricity 6/99

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THINK IT OVER !

The perfect is the enemy of the good.
– Voltaire

A person who agrees with everything you say isn't paying attention or else plans to sell you something.
–Bud Holiday

A Banker is a person who lends you his umbrella when the sun is shining and wants it back the minute it rains.
–Mark Twain

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EDITORIAL

Letters we like to read

Past Chairman Dr. R.K. Bagga's message in the September issue evoked enormous response from our readers. We wish to read more such messages and letters in response.

Another kind of letter which radiates warmth and spirit of comraderie reads like the following :

Dear Editor of IEEE India Bulletin,
The IEEE India Bulletin is doing a very good work of letting all members in India know about the IEEE in India. We thank you for the good work and hope that it will continue. The Bombay Section will sponsor one issue of the Bulletin. Let me know what amount is to be sent for this sponsorship along with the postal address. The IEEE President and TAB Colloquia was in Bombay Section on 23 Sept 99 and there was a grand Technical Colloquia in the Section. The details will be sent to you very soon for kindly including in the Bulletin.
With warm regards,

Muralidharan
Section chair, Bombay
r.muralidharan@ieee.org

Welcome. Section/Chapter chairs may send their sponsorship amount of Rs. 8,000 (at the present level of circulation) by demand draft payable to "IEEE India Bulletin" at Trivandrum on any Bank and mail it to the Editor, at

Darshan,
Kunnukuzhy,
Trivandrum 695 037

Regards,

Trivandrum V. K. Damodaran
01 Oct. 1999 Editor



E-mail : ykd@ieee.org

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Your feedback is important !

- o *e mail:* algolog@hd1.vsnl.net.in
[Click here to send your feedback, comments, remarks and suggestions.](#)
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