IEEE India Bulletin Vol. 12 No. 6 June 2002

CHAIRMAN'S MESSAGE

Dear Fellow Member,

In my March 2002 message, I had mentioned about the formation of Engineering Council of India (ECI) also highlighting its broad objectives. I am now glad to inform you that the ECI was registered on the 4th April 2002 and the Chairman, ECI announced that this day i.e. 4th April will be the Foundation Day of ECI. As mentioned in my message in March, IEEE has become one of the Founder Members and as Chairman, India Council, I have been put on the Board of Governors of the ECI. Various Boards/Committees are now under formation for specific tasks and very soon the ECI will take a proper shape. If any of you wishes to make any suggestion, you are most welcome to write to me.

Calcutta Section will be organising India Council's prestigious Annual Convention & Exhibition (ACE) 2002 in Kolkata on December 20 & 21, 2002 and they have selected Entertainment, Power, Information Technology and Communication (EPIC) as the theme of the Conference which is popular as well as relevant in present day context. Brochure for Call for Papers has already been issued by the organisers. ACE provides a good platform for engineers to present their work and exchange their innovative ideas with a large number of engineers. It also provides wealth of technical knowledge to professional engineers for enhancing their capabilities. I would like to invite you to contribute papers as well as participate in the Conference.

All India Students Congress (AISC) 2002 is being organised by Kerala Section on 26th &27th July 2002 at Trivandrum. The previous AISCs at Chennai in 2000 and at Mumbai in 2001 were good success and the participants from student branches were quite enthused resulting in tremendous growth in student membership. I hope in AISC 2002 also a maximum number of student branches will participate and deliberate on the issue related to IEEE. I wish all success to Kerala Section in this event.

With best wishes

Sincerely yours,

Noida
1 June '02

Promod K. Srivastava
Chairman India Council, IEEE
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Quotation

"It is not the strongest of the species that survive, nor the most intelligent, but the one most responsive to change"

- Charles Darwin

"A common mistake that people make when trying to design something completely foolproof is to underestimate the ingenuity of complete fools"

- Douglas Adams

"Only two things are infinite, the universe and human stupidity, and I am not sure of the former"
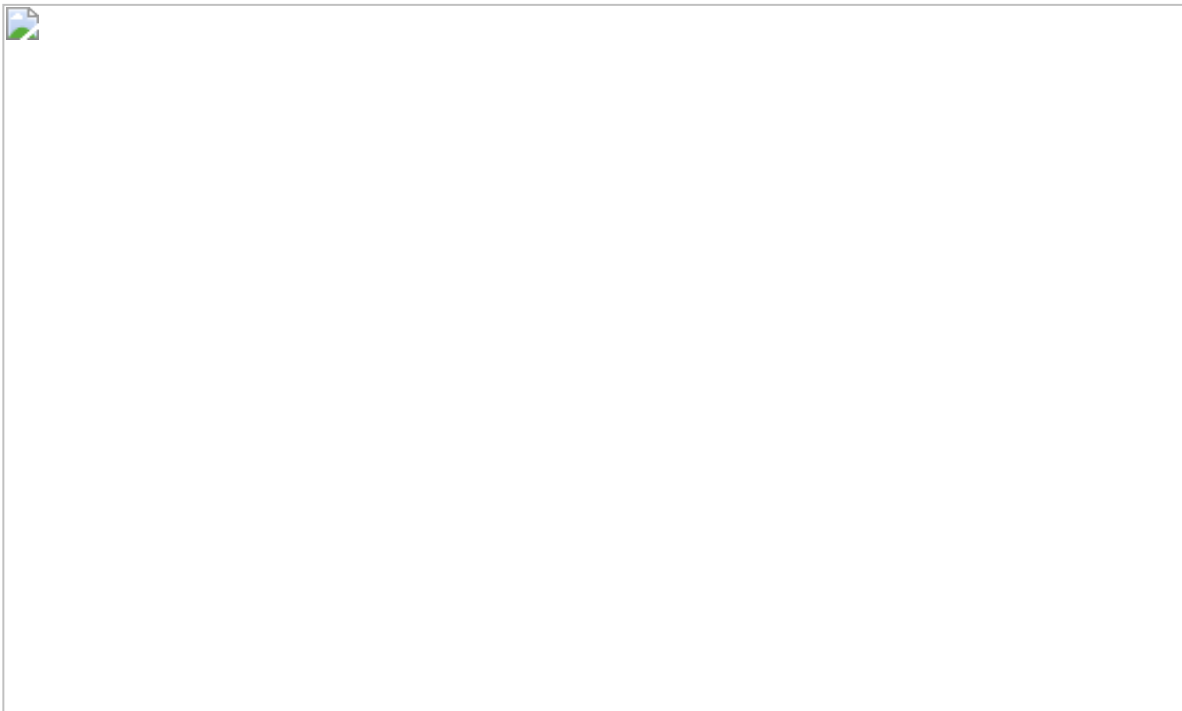
- Albert Einstein

"One has to watch out for engineers- they begin with the sewing machine and end up with the atomic bomb"

- Marcel Pagnol

" Let us never negotiate out of fear. But let us never fear to negotiate"

- John F Kennedy

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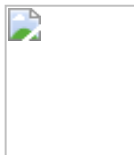

EDITOR'S DESK

'Start from simple things and move on to complex ones'

There are occasions when we try to set right a household gadget by straight away dismantling the whole unit, separating the sub assembles and finally finding out to our dismay that one of the wires inside the plug lying loose was the culprit. (Did we also not end up with some extra screws and parts, with no place to fix them and without which the unit was working blissfully?) We face such situations almost daily in life - of over-reacting by starting from the high end and then seeing that a simple solution was only needed.

In Research & Development too, quite often such actions are staged. What could be done easily, without applying advanced technologies, many a time gets ignored and the researchers often pursue the path of utmost complexity, probably just for the heck of staying in high tech domain. I vaguely remember having read about a problem faced by space scientists from Russia and US for a joint space flight. They were looking at technologies of writing instruments - read, pens - to be used during space flights, which will write well in weightless atmosphere. The kind of ink, construction of pen etc were being discussed when a Russian scientist asked 'Why not we use a simple pencil?'. No body else had thought about this simple solution but once it was told, all agreed that it is a workable choice.

As engineers and managers, it should be our approach to look for simple ways to solve a problem, be it technical or managerial. Only when all such options are found to be not delivering the desired results, should one look upwards for higher order solutions.

N. T. Nair
Trivandrum   Trivandrum Editor
1 June '02   email:
del@vsnl.com

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This issue is sponsored

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by
IEEE MADRAS SECTION

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ACE2002

28th Annual Convention and Exhibition of IEEE India Council
l ENTERTAINMENT l POWER l INFORMATION TECHNOLOGY l COMMUNICATION
Announcement and Call for Papers
Organised by: IEEE CALCUTTA SECTION; Date: DECEMBER 20-21, 2002; Venue: SCIENCE CITY, Kolkata-700046
DEADLINES
Submission of extended abstract
June 30, 2002
Notification of acceptance
August 14, 2002
Submission of Camera ready paper
October 31, 2002
CONTACT DETAILS
a) General Information and Payments
Prof. N. Chatterjee, Organising Chair ACE-2002, C/o Electrical Engineering,Dept., Jadavpur University, Kolkata-700 032, India
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b) Submission of Paper
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NATIONAL ADVISORY COMMITTEE
Prof. S.K. Sen,

Ex. VC, Jadavpur University, Chairman
Dr. F.C. Kohli, TCS, Co-Chairman
Mr. H.L. Bajaj, Director, NTPC, Co-Chairman
(Please see May 2002 issue for details)

"Mr. Gaurav Gupta and Mr. Rishabh Garg, both students of B.Tech. (Electronics & Communication) IIIrd year at IIT Roorkee, have won the first prize in the undergraduate section of IEEE Region 10 student paper contest 2002 for their paper 'Dynamic Distance-Based Mobility Management for PCS Networks; A Profile-Based Approach'. The award consists of a cash prize of US$200.00 and a cerificate."

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FORTHCOMING EVENTS

Submission of papers:
From within India: From outside India:
Prof. Lawrence Jenkins, Prof. S.S. Iyengar,
Dept. of Electrical Engineering, Dept. of Computer Science,
Indian Institute of Science, Louisiana. State University,
Bangalore-560012, INDIA Baton, Rouge, LA, 70803, USA
email:lawrn@ee.iisc.ernet.in. email:iyengar@bit.csc.lsu.edu

3rd International Conference on Cryptology in India (INDOCRYPT - 2002)
December 16-18, 2002
Organized by: The Institute for Development and Research in Banking Technology , Hyderabad
Co-Sponsored by: IEEE India Council Chapter of Computer Society
General Information:
Original papers on all technical aspects of cryptology are solicited for submission to Indocrypt 2002. Authors are strongly encouraged to submit their papers electronically via e-mail to indocrypt@isical.ac.in. (Deadline: August 7, 2002, 17:00 GMT) Notification of acceptance or rejection will be sent to authors by September 27, 2002. Authors of accepted papers must guarantee that their papers will be presented at the conference. Proceedings will be published in Springer-Verlag's Lecture Notes in Computer Science series and will be available at the conference.

TUTORIALS:
December 14-15, 2002
For details of the submission format, please see
http://www.isical.ac.in/~indocrypt/cfp.html.

Invited Speakers:
1. Dr. Vincent Rijmen
2. Professor Guozhen Xiao

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FREE MEMBERSHIP OF PES TO IEEE STUDENT MEMBERS FOR THE FIRST YEAR

For the benefit of Students, particularly those studying with Power Engineering as the major discipline, Power Engineering Society (PES) of IEEE has announced free membership to the IEEE Student Members (including those who have joined IEEE this year) for the FIRST year. Those interested can send application through their Branch Counselor to the following address electronically or by post for sending them onwards to PES for acceptance.

Dr. S. Mukhopadhyay
PES Chapter Representative, Region 10 East, PES Region 10 Communications Coordinator &
IEEE PES-IAS Delhi Chapter Chair, DII - 62 Pandara Road, New Delhi - 110 003, INDIA, Tel:
+91-11-3387501 & 3381502 (H),
Telefax: 6170541 (W), e-mail: pesdelhi@ieee.org, URL:
http://www.ewh.ieee.org/r10/delhi/pe-ia.html

IEEE NEWS & EVENTS

IThe 6th International Conference/Exhibition on High Performance Computing (HPC Asia 2002)
Joint event of : HPC Asia and ADCOM
December 16 - 19, 2002, Bangalore, India

HPC Asia 2002 will emphasize trends in high performance computing and communication systems, performance of scientific, engineering and commercial applications. In addition to technical sessions of contributed paper presentations, the conference will include keynote speeches, panel discussions, workshops, tutorials, poster presentations and industrial track presentations. A commercial exhibition will be the highlight of HPC Asia 2002.
Original unpublished research work in all areas of high performance computing, including the development of experimental & commercial systems, and, papers dealing with practical and experimental aspects or describing actual experiences or elaborating on software developed for running computations on commodity hardware may be presented by the authors at the Conference.
For details, please see the web-site:
http://www.cdacindia.com/hpcasia2002

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25 YEARS OF IEEE INDIA COUNCIL: ITS STRENGTHS AND WEAKNESSES

"IEEE INDIA BULLETIN: THE LIFEBLOOD of IEEE in INDIA"

IEEE India Council, its seven Chapters, the ten Indian Sections & the associated Chapters, and, more than 175 IEEE Student Branches organize throughout the year excellent technical activities. The co-ordination between the various IEEE entities and the development of an Indian community of engineers as a part of the transnational network of IEEE is, I guess, the role of India Council. We have similar nation-wide IEEE Councils in Japan, Australia, Newzealand and Korea. In USA and Canada, IEEE has entities called IEEE USA and IEEE Canada.
Twenty five years back, the IEEE structure and practices led Indian Sections to create the India Council. I think we should use the twenty sixth year to look at our historical experience and the experience of the other countries in IEEE. Let us look at our strong points and our weaknesses and try to see that we are able to develop the totality of the IEEE entities in India into a strong technical platform, which is able to serve all the needs of its members. It should also try to serve the whole of the technical community in its fields, particularly in those areas, where learned Indian societies may be organizationally or technologically weaker.
In my view, the best thing that IEEE in India has is the monthly Bulletin. At ACE Bombay, in December 2000, we had honoured those of our members, who had served as Editors. I would like to repeat what I said at that event: "The Bulletin is the life blood of India Council. It is the instrument which has served us well. As we try to enhance the quality and the quantity of our programs, or as we try to take our technical activities to a much larger number of locations, we may find the Bulletin to be even more useful."
Whereas we should try to improve the usage of web for improving the speed of communication, let us remember that paper is in no hurry to go the way of papyrus and the printed word is not likely to be replaced by electronic images on the computer's screen very soon. On May 6,2002, I happened to attend, as a guest member, the EXECOM meeting of an IEEE Section, located in one of the advanced states of USA. I found even they are not able to give up the dependence on the printed newsletter.
Communication is basic for the survival of any organization. IEEE India Council can fulfill its

objective of serving the needs of its members only through a clear communication of its short term and long-term goals as well as the planned methodologies to all its members and by obtaining a strong feedback from its members. The Sections can communicate and co-ordinate with other IEEE entities by using it. For organizing all India activities, the Bulletin is today the one medium that we all have.

Let us all use the Bulletin for making the IEEE activities more purposeful and more useful to all its members.

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INDIA COUNCIL OFFICERS FOR 2002

Further to the Slate published in March Issue of India Council News Letter "IEEE India Bulletin", following are elected as Office Bearers for the year 2002.

S.N	Office	Name	Section
1	Chairman	Promod K. Srivastava	Delhi
2	Executive Vice Chairman	R. Muralidharan	Mumbai
3	Secretary / Treasurer	Rajendra K. Asthana	Delhi
4	Past Chair	A. K. Aggarwal	Gujarat
5	Vice Chair- professional Activities	N. M. Parthasarathy	Chennai
6	Vice Chair - Student Activities	S. C. Gupta	U.P.
7	Vice Chair - Technical Activities	S. C. Sahasrabudhe	Mumbai
8	Vice Chair - Membership Development	C. R. Sasi	Chennai
9	Vice Chair - Educational Activities	Kasi Rajagopal	Bangalore
10	News Letter	N. T. Nair	Kerala
11	Members at Large	H. Kalyanasundaraman	Mumbai
12	Members at Large	V. H. Ron	Hyderabad

Following are also Members of the Council Team :

13	Webmaster	S. Gopa Kumar	Kerala
14	Majordomo co-ordinator	S. Mukhopadhyay	Delhi

The term of above office bearers is upto 31st December 2002.
Rajendra K. Asthana, Secretary / Treasurer - IEEE India Council
C-20, Takshshila Apartments, 57, Indra Prastha extension, Delhi - 110 092,
e-mail :asthana@ieee.org (Res) & rkasthana@powsec.bhel.co.in(Off)

"We, the members of the IEEE ... do hereby ... agree to seek, accept, and offer honest criticism of technical work, to acknowledge and correct errors, and to credit properly the contributions of others"

- IEEE Code of Ethics

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**This electronic version of the IEEE India Bulletin is an adaptation of the official, printed newsletter. This adaptation has required some minor modifications and restructuring of the original text, to suit its viewing as a webpage.
Thank you for visiting this webpage.**

**Administrivia:
This page last modified on: July 12, 2002
Send your comments about this page, to: s.gopakumar@ieee.org
This page, developed and maintained by : s.gopakumar@ieee.org**