

INDEX**Features**

|| [Chairman's Message](#) || [The issue is sponsored by](#) ||
 || [2000 PES Chapters World Congress, Seattle a Report](#) || [10TH Faraday Memorial Lecture](#) || [W D C](#)
[2000 2nd Workshop On Distributed Computing](#) ||
 || [Letters](#) || [SBC2001](#) || [EDISON Memorial Lecture](#) ||
 || [Editorial](#) ||

-

CHAIRMAN'S MESSAGE**Conveying the Information to the Student Branches**

Information about IEEE activities for students is available at IEEE web-sites and in its publications. India Council's Bulletin also continues to publish useful information. To see that the information remains available to the students, it would be good if the Bulletin can be put on the Notice board. It may remain on the Board till it is replaced by the next month's issue.

India Council will be prepared to send two extra copies every month to each Student Branch, which is able to get a corner of the Notice Board allocated for the purpose. Those student Branches, which want such extra copies, may write to Dr. S. C. Gupta, IC's Vice Chairman (Student Activities). His address is

Dr. S. C. Gupta

Dept. of Electrical Engg.
 Institute of Technology B.H.U.,
 Varanasi 221 005
 Fax : +91 (542)3170 74
 Email : s.c.gupta@ieee.org , c Gupta@banaras.ernet.in

I request every Student Branch to please send to him the addresses (including e-mail addresses and Telephone & Fax numbers, if available) of all the student office-bearers, the Counselor and the Mentor. Dr. Gupta would like to know about the number of active student members of the Branch as on 31/12/99, and the plans for the student membership in this year. Please also inform him about the address at which the Bulletin copies for the Notice Board are to be sent.

IEEE Technical Programs and the Student Branches

Each one of the ten IEEE Sections in India is able to organize excellent programs for our members. However our members at hundreds of locations in India do not have the facility of continuous technical activities like lectures, tutorials, workshops etc. The Section leadership and India Council are trying to establish more centres, in the form of Sub-Sections, where regular technical activities may go on.

Another technique for attacking this problem can be through some of our Student Branches. We have 10 Sections and 150 Student Branches in India. Many of the Student Branches may be in areas, where we are not yet able to organize regular technical programs for our members. At such places, the Student Branches may be able to derive an advantage, by synergy, for themselves by helping organize good programs jointly for working engineer members and for student members. Regular invitations may be sent, preferably personally by a group of students, to working engineers. As the student members regularly visit the industries to invite the engineers and as the engineers come to the institute for attending the programs, an active interaction will be established between the Student Branch and the higher grade membership. India Council and the Section leadership will be quite willing to lend a helping hand, wherever the Student Branches come forward along with a few members to organize such activities.

Ahmedabad **Dr. A. K. Aggarwal**
 01 September, Chairman
 2000.



E-mail : aka19@hotmail.com

[Go to TOP](#)

This issue is sponsored by

CALCUTTA SECTION of India Council

IEEE PES-IAS Delhi Chapter Chair Dr. S. Mukhopadhyay (centre) receiving 2000 PES Outstanding (small)Chapter Award during Award Luncheon of PES Summer Meeting at Seattle, USA on July 18, 2000 from PES President Mr. Don Volzka (right) while PES Vice President, Education/Industry Relations Activities Prof. Saifur Rahman (left) reads the citation.

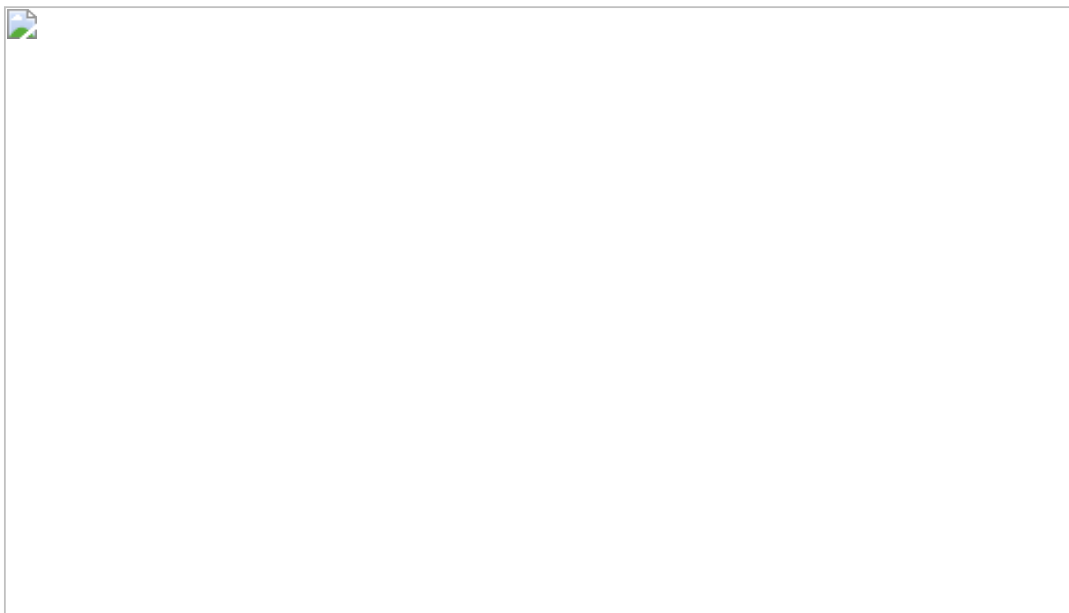
IEEE President to grace ACE 2000

2000 IEEE President Dr. Bruce Eisenstein has kindly agreed to chair the valedictory function of the ACE 2000, to be held in the evening of Sunday the 17th December, 2000. Subsequent to this, he will also join the execom for a dinner in his honour.

[Go to TOP](#)

2000 PES CHAPTERS WORLD CONGRESS, SEATTLE A REPORT

As an annual feature this year's Summer Meeting of Power Engineering Society (PES) was held at Seattle, Washington, USA from July 16 to 20. The number of attendees (more than 1,800) was an all-time record for a paper meeting of PES. With 7 to 10 parallel sessions running, besides poster sessions, it covered also a number of sub-committee and task force meetings. Common were the plenary session, award luncheon, student/industry interaction, and evening social functions. Millennium PES awards too were presented to over 40 eminent Power Engineers from academic institutions and industries. ***During Award Luncheon, 2000 PES Outstanding Chapter Award under small category (i.e., with number of members less than 100) was given to Delhi Chapter. It was received by its Chair, Dr. S. Mukhopadhyay.***



Close to the Summer Meeting was held the PES Chapters Congress, the second of its kind (after 1996) from July 20 to 22. Ninety-seven Chapters of Power Engineering Society were represented either Chairs or some

other Chapter Officers. Besides them there were Chapter Representatives from the ten IEEE regions, Congress started with a reception on July 20. After the orientation programme on the next day, there were four intensive tutorials on Technical Programmes, Financial Aspects, Membership Development and on Multi-subjects. These were quite meaningful to all the attendees, some of whom were well versed. New ones had the opportunity to learn a lot, while others gained by interaction and sharing views on implementation of provisions.

Then followed the regional caucuses. With four small groups working, from Region 10 a good number of recommendations emerged out. Some of these are - holding of regional level meetings once in every two years, extending topics under Distinguished Lecturer (DL) Programme vis-a-vis creation of pool of DL at regional level, exploring the possibility of delivery of lecture in other languages (such as, Japanese, Thai, etc.) reduction of fees under minimum income provision extended up to two Societies as well as possibility of one time payment (as already done by ED, MTT, PEL Societies), reduction in fees for Student Members (but not free) to face the challenges coming from other professional institutes (like IEEE, UK which is at present about US\$3), reducing delay in review of paper and also delivery of transactions, incentives to Chapters in the form of additional finance to hold more technical events, helping new Chapters to organise events by providing resource material, coordination of Chapters at regional level for different issues, like, sharing of DL visiting some part of the region (which may be accomplished by proper networking at regional level), development of regional events, PES Chapter newsletter, agreement with local EE Association, additional support to lecturer for local travel. After discussion while four issues were prioritized, the one concerning regional level meeting of Chapters once in two years was finally put up for consideration.

Morning of July 22 was used for problem solving sessions that centered around PES-Academic and PES-Industry interaction, industry recognition of PES membership, holding of at least two meetings vis-à-vis declining attendance, budgetary constraint, declining of membership strength on account of no corporate support or other reasons leading to less and less volunteers. Suggested solutions were publicizing information through video, electronic clearinghouse to technical problems, etc. In the concluding session in the afternoon, PES President Mr. Don Volzka, President-Elect Mr. John Estey, Vice-Presidents Mr. Bernard M Speckman and Prof. Saifur Rahman, Secretary and Treasurer addressed the gathering. In this session alongwith the other PES Regional Representatives, on behalf of Region 10, its area East Chapter Representative Dr. S. Mukhopadhyay placed the issues concerned for consideration. Information Theory Society President Prof. Vijay Bhargava and Communications Society Director, Membership Programme Mr. Byeong Gi Lee also spoke on the occasion.

Thereafter voting took place to select 10 out of 20 recommendations for placement to the PES Governing Body. Tapped in the list were those concerned with incentives to Chapter Officers through various means, holding of another global Chapters Congress, financial support for Chapter Officers to attend Conferences, development of informative packages for industry highlighting possible benefits of IEEE/PES, providing free video and CD-ROMs to Chapters and Student Branch Chapters, etc. Chapters Congress ended with a happy note and promise from the volunteers to serve PES members through more and more activities at the Chapter level improved communication utilising electronic media, etc.

-Reported by
Dr. S. Mukhopadhyay
IEEE PES-IAS Delhi Chapter Chair &
PES Chapter Representative, Region 10, East New Delhi, August 18, 2000

[Go to TOP](#)

10TH FARADAY MEMORIAL LECTURE

Friday, 22nd September 2000 at 6.00 p.m.

Venue: Bhaskara Auditorium,
Birla Science Centre Adarsh Nagar,
Hyderabad

Lecture Background:

The Hyderabad Section of the IEEE commemorated the genius of Michael Faraday, the Father of Electricity, by initiating Faraday Memorial Lecture in 1991, the bi-centennial of Faraday's birth in England on 22nd September 1791.

Since then the Section has organised the lecture jointly with Birla Science Centre, Hyderabad. The speakers have been eminent power engineers and scientists, from within India and abroad. Notable among these were Prof. M. Ramamurthy, Prof. Amulya K. N. Reddy, Prof. P. V. Indiresan, Dr. K. Kasturirangan, Prof. C. C. Chan, Prof. M. Poloujadoff and Prof. Bimal K. Bose.

This year's Faraday
Memorial Lecture titled

"ROLE OF POWER ELECTRONICS APPLICATIONS IN THE DEVELOPMENT OF FUTURE POWER SYSTEMS"
is being delivered by
Dr. P. CHANDRA KRISHNAYYA FIEEE
and 1999 UNO LAMM HVDC
award winner
of the PE Society of the IEEE.

THINK IT OVER

"One of the greatest discoveries a man makes, one of his great surprises, is to find he can do what he was afraid he couldn't do"

-Henry Ford

"There is much more opportunity than there are people to see it".

-Thomas A. Edison

Student power behind the success of the International Conference organised by the Gujarat Section

This issue and all the back issues of this Bulletin from October 1999 can be visited at our website
http://www.ewh.ieee.org/r10/india_council

[Go to TOP](#)

W D C 2000 2ND WORKSHOP ON DISTRIBUTED COMPUTING

Organised by

Dept. of Computer Science & Engg., Jadavpur University, Calcutta 700 032

In cooperation with

**IEEE India Council, IEEE Calcutta Section, IFIP Technical Committee 6 (TC 6)
IEEE Computer Society Chapter of India Council IEEE Computer Society Chapter of Calcutta Section
{Past co-sponsors: Compaq, EMC, DoE, BIT (Mesra), TCS, MISL, Vedica, Svam}**

Scope of the workshop is

- as a forum for presenting the latest research findings on the use of distributed/networked systems for effective computing.
- to allow researchers and practitioners to present the design and implementation techniques for various aspects of distributed computing.
- two half day tutorials (invited) on the 28th December.
- contributed session, student paper session.
- industrial track and several invited talks on the 29th and the 30th of December 2000.
- cover all aspects of distributed computing, including hardware technologies, network protocols, the middleware that ties distributed resources together into "computational grids" and tools and languages that support application development.
- papers discussing application experience with mobile computing and high-performance distributed computing are of particular interest. Examples include scientific computing applications, wearable computers, distributed collaborative virtual reality, and non-scientific workloads such as Web servers or indexing engines. · Authors will be notified by September 15, 2000 and the final camera-ready copies are due by November 06, 2000.
- Exhibits and Technical Demonstrations:
Proposals for exhibits and technical demonstrations should be submitted to
Chandan Mazumdar
(chandanm@vsnl.com) by September 30, 2000.
- Best Student Paper Award:
An award will be given to the best student paper presented in the workshop. To qualify for the award, all

authors of the paper must be students.

- **Student Travel Grant:**

WDC 2000 is pleased to announce a Student Travel Grant programme for students within India. The deadline for application is November 15, 2000. Apply to Debashis Saha (d.saha@computer.org) stating your purpose of attending the workshop and with your latest CV containing names of at least two referees.

Contact:
Dr. Debashis Saha
(Convenor, Programme Committee)
Department of Computer Science and Engg.
Jadavpur University, India
Tel: +91 33 413 1766
E-mail: d.saha@ieee.org

[Go to TOP](#)

LETTERS

Design Contest Result

The First IEEE Computer Society International design contest (CSIDC 2000) winners have been announced and the McMaster Univ. of Canada won the First prize.

IT of BHU was earlier selected to be among the Top 20 projects for the final contest. Request visit the CSIDC 2000 site and learn all about this contest so that you all can prepare for the next contest.

R. Muralidharan, Bombay section Chair

M.V.CHAUHAN
STUDENT
PAPER CONTEST

Open To : All Student members of IEEE

Topic : Any subject in the areas of interest of IEEE

Last Date : October 10, 2000

Prizes:

1st Prize Rs. 6,000

2nd Prize Rs. 4,500

3rd Prize Rs. 3,000

The prize money has been enhanced for this year only! For the MILLENNIUM contest. Merit Certificates will be awarded for the selected papers

Please note:

The first author of the winning paper will be invited to present the Paper at the ACE 2000 to be held in Mumbai from Dec. 15-17, 2000. Entries should be routed through the Student Counsellor or Principal of the Institution.

Other Rules and Guidelines:

- The number of authors for any paper should not exceed three.
- A student can be an author in more than one entry.
- Papers should be neatly type written on Bond quality paper in 1.5 spacing.
- Length of the paper should not exceed ten type written pages.
- Each entry should have a title page giving the affiliation of the author(s), his/her IEEE membership number and an abstract not exceeding 200 words.
- Each entry should be accompanied with a declaration by the author(s) that the Work presented is their own.
- A declaration from the Branch Student Counsellor should accompany each entry in the following format:

It is certified that the authors..... are IEEE student members and the paper submitted entitled "... .." is the authors' own work and eligible for consideration in the M. V. Chauhan Student paper Contest 2000 of IEEE India Council".

Signature:

Name:**Date: College seal/Stamp****IEEE Student Branch**

In case the Institution does not have a Student Branch, this declaration should be signed by a faculty member who is an IEEE Member.

Prize winning entry author (first author) will be invited to read the paper during the ACE 2000. Travel assistance will be provided.

Send your entries and in case more details/clarifications are required, please contact:

Prof. Suresh C. Gupta

Department of Electrical Engineering, BHU, Varanasi 221 005.
Tel: 0542-317177, Fax: 0542-317074, Email: s.c.gupta@ieee.org

[Go to TOP](#)

SBC 2001**Student Members please note!**

After the tremendous success of the IEEE India student national congress in Chennai last year, the annual event now moves to the megalopolis of Mumbai. SBC 2001 will be hosted by the IEEE-Vesit student branch on 1, 2, 3 and 4th March 2001. You are welcome!

The event will start off with a two-day students symposium for students from engineering colleges under the Bombay section, professionals, and IEEE branch officers from colleges all over India. The actual congress which will be open to IEEE branch officers, will start on 3rd of March and will continue on the 4th. The congress will address issues like how IEEE can build up member's careers, techniques of managing a student branch and a host of personality development workshops among other talks.

Accommodation will be provided for all out-of-station delegates and travel costs will be reimbursed.

So if you are an active office bearer in your IEEE circle, keep your calendars free for the first week of March 2001, for Bombay will be the place to be:

Rajaraman Parameswaran Chairperson,
Student Branch
E&T Dept. VESIT, Bombay - 400 071
rajaraman@ieee.org

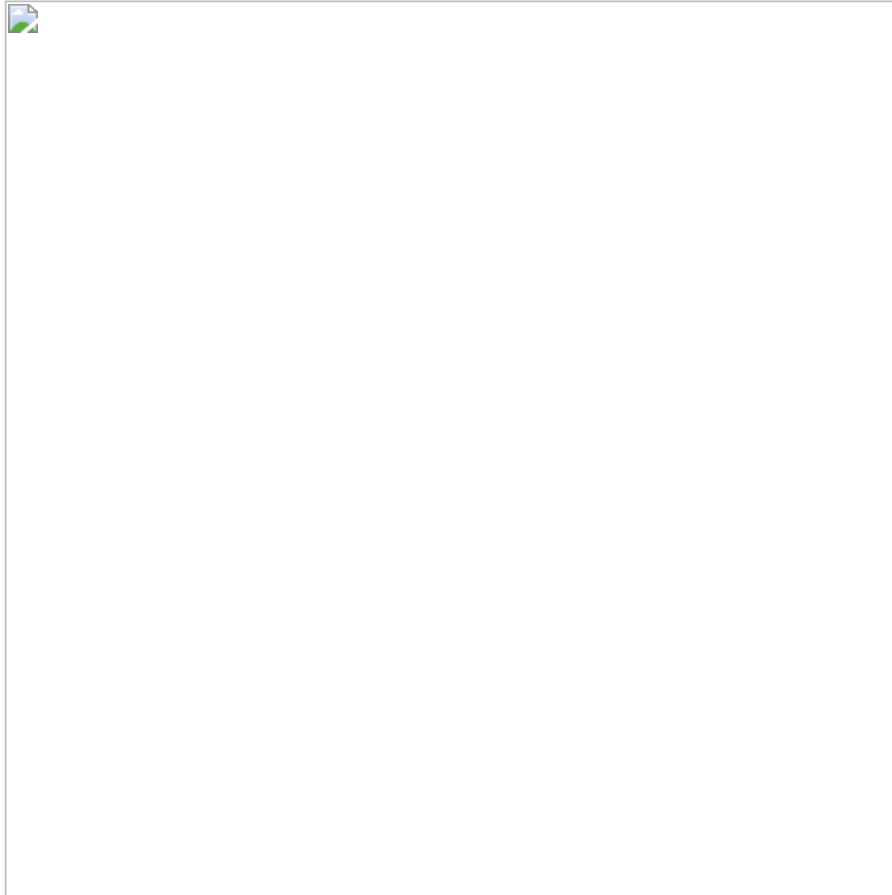
[Go to TOP](#)

EDISON MEMORIAL LECTURE**Delhi 11 August 2000**

Prof. Saifur Rahman, Director, Alexandria Research Institute, Virginia Tech, USA and PES Distinguished Lecture, on the topic 'Energy Use and Global Climate Change'. The event was jointly organised by the PES-IAS Chapter and Section at EE Dept. of Indian Institute of Technology Delhi on August 11, 2000. Engineers from industry as well as academic institutions participated. Starting from the green house effect due to emissions from fossil fuels he mentioned about the contribution from different sources and by region. The growth since industrial revolution and up to the present day was highlighted. In particular, Carbon-dioxide emission from developed and developing countries was referred due to its long natural life. Climate change, its impact on other physical parameters around the globe, Kyoto Protocol, emissions trading with the developing countries by the developed ones vis-à-vis promoting energy efficiency and harnessing renewable energy, etc. were the other issues that were covered.

Thereafter as a PES Vice President, Education/Industry Relations Activities, Prof. Rahman interacted with the members and others present over there on the PES activities. He called upon the Power Engineers in particular to devote on R&D Works related to the changing needs of the time. In this context, as an example in the USA, demand for emission related research as associated with the energy usage was mentioned.

-Reported by
Dr. S. Mukhopadhyay



(PES Distinguished Lecturer Prof. Saifur Rahman (left), receiving memento from IEEE Delhi Section Chair Mr. Rajendra K Asthana (right) and PES-IAS Chapter Chair Dr. S. Mukhopadhyay (centre) on the occasion of 4th Thomas Alva Edison Memorial Lecture at IIT Delhi on August 11, 2000.)

[Go to TOP](#)

EDITORIAL

How do we make ourselves heard?

IEEE, the world over, especially in developed countries and more so in USA have been consulted as the best advisers in formulation of laws, codes of practices and also on evaluation and assessment of technologies and projects related to the several subject areas coming under its banner. We are now at a juncture when new technologies, materials and practices are changing substantially, the way we live and get governed. Our country needs very badly the replacement of the old with the new. Experts who are members of the Institute can make valuable contributions in this regard. Bur, for this to happen we should be heard by those who govern and also by the governed. How do we make ourselves heard? Can our distinguished seniors enlighten our members on this through this bulletin? Your responses are solicited for publication.

Trivandrum
02 Aug. 2000

V. K. Damodaran
Editor
E-mail:
vkd@ieee.org



[Go to TOP](#)

TEN WORST QUESTIONS

- * *Will you promise not to get angry if I ask you something ?*
- * *Do you have statistics to back up that statement ?*
- * *You don't honestly expect me to believe that, do you ?*
 - * *haven't you any sense of humour ?*
 - * *You don't remember me, do you ?*
 - * *Have I kept you waiting ?*
 - * *Now, what is the matter ?*
 - * *You asleep ?*
 - * *So what ?*
- * *When are you going to grow up ?*

[Go to TOP](#)

Your feedback is important!

e mail: haresh@ipdpg.gov.in

[Click here to send your feedback, comments, remarks and suggestions.](#)

Write to:

Haresh S. Bhatt
CNF/SIIPA,
Space Applications Centre,
Ahmedabad - 380 053.
INDIA
Ph. 91-79-6774770

[Go to TOP](#)

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: September 26, 2000

Send your comments about this page, to: haresh@ipdpg.gov.in

This page, developed and maintained by : [Web Shrushti](#)
