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**CHAIRMAN'S MESSAGE****WIDENING THE REACH OF IEEE IN INDIA**

The Ten Sections in India are serving the members by continuously organizing technical lectures, seminars, workshop and conferences. Most of the Sections are responsible for a large geographical area. However each section is able to conduct most of its activities in only one city. The industries have been set up, in every state, in many towns. Engineering Colleges have also been established in most of such towns. It is now necessary for every Section to see how its activities can be regularly conducted at multiple locations.

**SUB-SECTIONS:** IEEE has a provision for establishing sub-sections within each Section. Every Section may try to identify locations where a group of members comes forward to sustain technical activities on a continuing basis. At these locations Sub-Sections may be established. Under its Strategic Projects Program India Council is ready to assist the Sections in organizing the first technical program in such locations. The Executive Vice Chairman of India Council, Mr. P. K. Srivastava (e-mail : [pks9@hotmail.com](mailto:pks9@hotmail.com)) administers this Strategic Project. I invite all the members to work jointly with their Section EXECOMs to establish new Sub-Sections and to enrol new members.

**SECTION OPERATIONS:** A twelve page document on the 'Responsibilities & Functions of Section Officers' is sent by the IEEE Head Quarters to every newly elected Chairman. It contains 'Guidelines for Maintaining Section Records'. I would like to draw the attention of the office-bearers of every Section and Chapter to the guidelines to see that the records are maintained properly.

**STUDENTS CONGRESS:** The Chairman of IEEE Madras Section is the Convenor for the All India Students Congress to be held in Chennai from July 7, 2000 to July 9, 2000. He is working out the detailed program for the Congress. At this stage, suggestions from all the members are highly welcome.

Ahmedabad  
1st May, 2000.

A. K. Aggarwal  
Chairman



**E-mail :** [aka@ad1.vsnl.net.in](mailto:aka@ad1.vsnl.net.in)

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### **MEMBERSHIP ANALYSIS !**

TCS SHARE OF HIGHER GRADE MEMBERS  
(IN SECTIONS AS OF AUGUST 31, 1999)

<b>Section</b>	<b>HG</b>	<b>TCS</b>	<b>%</b>
Bangalore	961	286	30
Bombay	1881	643	34
Delhi	1257	369	29
Madras	1972	736	37
Calcutta	1038	421	40
Kerala	299	?	?
Hyderabad	1111	372	33
Kharagpur	79	-	-
Gujarat	237	27	11
Uttar pradesh	416	104	25
India Council	9251	2958	32

About a third of All India HG members are from the ranks of TCS. Similar studies on other Institutional members, such as of ONGC, CMC, TEXAS INSTRUMENTS, CDOT, etc. may be done by the sections and the findings shared with other sections.

H.Kalyanasundaram  
[hkalyan@ieee.org](mailto:hkalyan@ieee.org)

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### **KERALA SECTION LAUNCHES IEEE EGROUP**

The new Kerala Section Chair Satheesh Kumar has on behalf of IEEE, launched an eGROUP w.e.f. 01 May 00. This is to improve communication between the members. Student members are also invited to join. eGROUP is not limited to Kerala Section boundaries. Common address is [ieeekerala@egroups.com](mailto:ieeekerala@egroups.com)

Kenneth R Laker, President of the largest International Professional Forum, IEEE, with HQ in New York, is arriving Thiruvananthapuram to grace the ACE 99 function and deliver the Valedictory Address of this Silver Jubilee event of India Council.

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### **ELECTED TO INDIA COUNCIL FOR 2000**

## New Office Bearers

The Slate proposed for the year 2000 by the Nomination Committee chaired by Mayank M. Pande has been declared elected. No "Additional nominations by Petition" has been received by the Secretary before 01.05.2000 and therefore as per the Byelaws, the following candidates have been declared elected for the year 2000.

A. R. Pandya, Secretary  
Kalyan Alaknanda Tapovan Socieity  
V. K. V. Road, Nadiad - 387 001

	OFFICE	NAME
1.	Chairman	A. K. Aggarwal
2.	Immediate Past Chairman	R. K. Bagga
3.	Exec. Vice Chairman	P. K. Shrivastava
4.	Secretary/Treasurer Vice Chairmen	A. R. Pandya
5.	Student Activities	S. C. Gupta
6.	Membership Development	C. R. Sasi
7.	Technical Activities	S. C. Sahasrabudhe
8.	Professional Activities	R. Muralidharan
9.	Educational Activities	Amit Johri
10.	New Letter Editor	V. K Damodaran
11.	Member at Large	J. Muraleemohan Lal
12.	Member at Large	Sandeep Todi

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## IEEE STUDENTS BRANCH REPORTS

### Tech Srijan- 2000 at MMM Engg. College Gorakhpur

The IEEE Student Branch of Madan Mohan Malaviya Engg. College, Gorakhpur organised its second national level technofest Tech Srijan- 2000 during 10 to 12 March 2000. It was aimed at providing a platform of creativity and technical interaction to undergraduate Engg. students from various Colleges across the country. The festival comprised of four main events :

**Tech Prastuti (Paper Presentation Contest) :** It received 12 entries ranging from topics like Genetic Algorithms to e-Commerce. The contest was held on the 10th and 12th March 2000 because of the large number of entries.

**Soft Rachna (Open Software Contest) :** It saw 13 teams slogging out for top spots with software like Inframail (a modern e-mail server), "Fun zone" (games) and many others on display. It was held on 11th March 2000.

**Hard Rachna (Open Hardware Contest):** It had some useful models/ projects like "Crossing Automation Device for unmanned railway level crossing" and "Portable FM sound monitor".

**Quizzica (Technical Quiz) :** It had six teams battling out in the finals. The questions covered conventional as well as emerging fields in Electrical, Electronics & Communication and Computer Engg.

On 10th, the festival was inaugurated by Brig. P. S. Gurung (Commandant GRD

Gorakhpur). He stressed on the need to inculcate scientific temper amongst the common people. An inaugural seminar on "Android Robots" was then presented. The chief guest then launched the website of our College.

A major attraction on the second day was the guest lecture on "Architecture of Modern Microprocessors" by Dr. Rajat Moona, Deptt. of Computer Science & Engg., IIT Kanpur. Dr. Moona's lucid explanation was relished by the audience. As a token of the appreciation for the commendable work done by the IEEE Student Branch of M. M. M. Engg. College, Gorakhpur over the past 10 years, U.P. Council of IEEE held its meeting at the College itself on 11th March 2000. Five eminent Professors from IIT Kanpur and IT BHU led by Professor K.E. Hole (Chairperson, IEEE U.P. Council) lauded the work being done by the IEEE Student Branch of M.M.M. Engg. College, Gorakhpur under the able guidance of Professor B. P. Singh.

The informal events conducted throughout the festival proved to be a big crowd puller again with attractions like free net surfing, network games and on-the-spot brain teasers. The techfest received a total of 11 outside team, namely, 4 entries from M.A.C.T. Bhopal, 2 from B.B.D.N.I.T. & M. Lucknow, 2 each from R.B.S. College Noida and Priya Darshini College of Engg., Noida and one from K.N.I.T. Sultanpur. The 3 day event received good coverage by the local print as well as electronic media. Radio and T.V. reports on the event were aired by the AIR and DD centers of Gorakhpur on 24th and 14th March 2000 respectively. The prize distribution ceremony was held on 12th March 2000. The Chief Guest Mr. G.S. Sharma (Director DD center, Gorakhpur) implored up on the budding technocrats to work for the development of the country. Given the constraints under which we worked, the Tech Srijan-2000 can be definitely called a spectacular success.

Dr. B. P. Singh  
Branch Counselor

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### **CSIDC 2000**

Two teams from the country will be participating in the contest CSIDC 2000 (for details, please see IEEE Computer, November 1999 issue, page 76). The selected teams are from IEEE Student Branches at:

1. PSG College of Eng. & Technology, Coimbtore.and
2. Institute of Technology, Banaras Hindu University, Varanasi. Good luck!

To know more, please contact :

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Institute of Technology Banaras Hindu University,  
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Staff Counselor, IEEE Students' Branch, BHU

Vice-Chairman, IEEE UP-SECTION

Chairman SAC, IEEE India Council

New Branch At Noorul Islam College of Engg, Kumaracoil The IEEE Student Branch (code-60881) at NICE was inaugurated in our campus on 20-03-2000.

The function began with the welcome address by staff advisor S. Abdul Jaleel. Our Director Prof.L.Srinivasan inaugurated the Student Branch by Lighting the Kuthuvilakku. Prof. S. Salivahanan Branch Mentor, IEEE delivered a guest lecture on IEEE activities to our Students. Our Principal Prof.M.Padmanabhan presided over the gathering which was also felicitated by our Vice Principal (Academic) Dr.K.S.Ramakrishnan and Vice Principal (Admn.) Dr.P.Krishnamoorthy Iyer. Counsellor's address was delivered by myself. Finally our Student Chairman V.B.James delivered the vote of thanks  
T. Krishnaswamy Student  
Branch Counsellor

[Go to TOP](#)**BEST AND BIGGEST**

The Institute of Electrical and Electronics Engineers, Inc. (IEEE) is the world's largest technical professional society, serving the interests of more than 350,000 members in the information and electrotechnology communities in approximately 215 countries. In keeping with its "Networking the World" slogan, the IEEE helps to foster technological innovation, enable members' careers, and promote worldwide professional community. The Educational Activities Board (EAB) of the IEEE recommends educational policy to the IEEE Board of Directors, and coordinates the Institute's educational activities, programs, and products. To know more, please

**CONTACT:**

Lynn Murison

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Phone: 1.732.562.6526

**International Conference on Information Technology (CIT 2000)**

21-23 December 2000, Bhubaneswar, India

Cosponsored by

IEEE India Council Computer Society Chapter

The mission of CIT'2000 is to share recent research results in the collection, transmission, and processing of information. The conference is directed toward addressing the technologies and subsystems necessary to develop architectures and system designs for the next generation systems.

Some of the specific research areas in CIT'2000 are:

Multi-site Software Development, Software-based Communication systems, Strategic Impact of Information Technology, Parallel and distributed Computing, Multi-Agent systems, Networking and Ubiquitous Computing, Object Oriented Programming, E-commerce and data mining, Graphics and Human-Computer Interactions, Design and Architecture of IT chips, Software Dependability and Security, QoS (Quality of Service) in Application Software, Software Fault Tolerance and Reliability. The anticipated components of the conference will be Research Papers, Hot Topics Session, Tutorial Sessions, Panel Discussion and a workshop on Information Technology Education.

Invited speakers: Confirmation about following two presentations has already been received:

**Dr. Chandra Kintala,**

Head of Distributed Software Research of Bell Laboratories,

Lucent Technologies

**Dr. Sajal K. Das,**

Professor and Director,

Centre for Research in Wireless Mobility and Networking (CRe WMan)

Department of Computer Science &amp; Engineering,

The University of Texas at Arlington.

<b>General Chair</b>	<b>Program Chairs</b>
<b>Jaydev Misra</b>	<b>R. K. Ghosh</b>
University of Texas at Austin	CSE Dept, IIT Kanpr
	Kanpur- 208 016, INDIA
	Rkg@cse.iitk.ac.in
<b>Organizing Chair</b>	Tel: + 91-512-597645

<b>P. K. Misra</b>	Fax: + 91-512-590725
KIIT, Bhubaneswar	
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Fax: +91-674-554464	Newark, NJ 07102, USA

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### **STUDENT CONGRESS 2000 [7-9 July]**

Under the directions of head quarters the Students Congress 2000 is being held at Image auditorium, MRC Nagar, Raja Annamalai Puram, Chennai - 600 028 on 7th, 8th and 9th July 2000. Since it is a Congress of the IEEE Students, we are very keen that all the Student Branches in India actively participate in the deliberations of the Congress by nominating the Student branch Counsellor and the Chairman of the IEEE Student branch of each college or his representative. The travel expenses to and fro by second class sleeper from college to venue at Chennai and their stay expenses will be taken care by the IEEE Students Congress 2000 and the amount will be disbursed at the venue. When they attend the Students Congress please arrange to send us the Names of the persons nominated to attend the Congress immediately to

Er S.A. SOUNDARA RAJAN, CHAIRMAN OR  
 Prof R. BHAVANI SHANKAR CONVENOR IEEE MADRAS SECTION  
 NO: 37, CONRAN SMITH ROAD,  
 GOPALAPURAM,  
 CHENNAI - 600 086, TAMIL NADU, INDIA  
 TELEPHONE : OFF : 91 - 44 - 828 17 73 & 820 37 72 RES : 91 - 44 - 854 84 12  
 FAX No : 91 - 44 - 828 17 73  
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PROFORMA TO BE SENT :  
 IEEE STUDENTS CONGRESS 2000 JULY 7, 8, AND 9TH 2000

VENUE : CHENNAI

1. NAME OF THE INSTITUTION : WITH POSTAL ADDRESS
  2. IEEE STUDENTS BRANCH CODE :
  3. STRENGTH OF IEEE MEMBERS :
  4. PRESENT ADDRESS WITH EMAIL IF ANY :
  5. NAME OF STUDENT BRANCH COUNSELLOR :
  6. NAME OF NOMINEES ATTENDING THE CONGRESS :
    - a. Mr / Mrs / Ms (Student Branch Counsellor or Faculty)
    - b. Mr / Mrs / Ms (Student branch Student Chairman / Nominee)
- Er. S.A. Soundara Rajan  
 Chairman IEE Madras Section

#### Solar Pump and Purifier

A new solar-powered water pumping and purification system, which can supply 1,200 l/day of potable water, is being tested in Australia. Developed by Solar Energy Systems, Venco Products and Murdoch University, the Village Water Potable System incorporates a water pump together with a method for cleaning polluted, salty and brackish water. Water is first pumped into an overhead tank from a borewell by a solar powered pump drive. The water then flows down through two filters and is forced through a custom-made membrane and purified. The reverse osmosis purification process separates out dissolved salts and water borne particles, including harmful pathogens.

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## TECH TALK : IT IN GOVERNMENT AND QUALITY OF LIFE

**[ This note was prepared for the 2000 January issue. It is relevant still. Offer your comments, please - Ed]**

While the rest of the world was enthusiastically preparing for the celebrations of the New Year, we, in India, were going through the ordeal of hijacking. It has again brought home, to the entire world, the unpleasant fact of our incapability to provide a fitting response. As a nation this is an appropriate occasion to assess our grave weaknesses as well as the strengths that we may have acquired over the last fifty years. Thereafter we must start working for building up our nation with a renewed vigour.

The only raison d'être of IT in government can be improvement in the quality of life of its citizens. IEEE India Council applauds the efforts for introducing IT in government since it wants its members to be able to contribute their best professionally. This they will be able to do only if the quality of life for their families can be improved. For an Indian professional, the quality of life can be measured by many parameters. The transportation system in a city would naturally be of interest both in terms of the convenience of public transport and in terms of a smooth flow of traffic for private vehicles. The systems of support to the family in terms of good and available educational institutions, hospitals, personal banking facilities etc. also contribute to the quality of life. If a citizen feels harassed and oppressed by these systems and by the public and private institutions with which he has to deal with, his efficiency of working would not be at the highest possible level. A professional, who is not able to consistently devote himself to his professional work, due to the distractions caused by such ill- managed systems, will not be able to grow in the same measure as his counter parts in an area where the quality of life is superior. The India Council and the IEEE Sections in India work primarily to strengthen the technical activities in our country. However they would like to encourage, albeit from the sidelines only, the institutions of sociological research in India to develop indices for measuring the quality of life for professionals. The values of these indices in various cities of India may then be compared with the corresponding values in California, in Singapore and in the cities of countries like Israel and Ireland, which are also contributing significantly to the software developments in the world. The measurements will be able to channelize the efforts of our governments towards the specific areas, which need improvements for providing a better quality of life for our professionals. Whereas the efforts of our governments to help develop the industry by offering various incentives are necessary, we must also develop systems so that the quality of day- to- day life of our professionals becomes comparable to the best in the world. It is only on the basis of such systems that our professionals will be able to have a level- playing field with their counterparts in the rest of the world. It is only then that they will be able to contribute significantly to the development of knowledge and knowledge-based products, while working in India.

**- A.K. Aggarwal**

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## AES COM LEO SOCIETY CHAPTER

### Activities Planned

IEEE AES COM LEO SOCIETY CHAPTER has planned the following activities during 2000

- o ELITEX-2000

- o INTELLECT-2000
- o National Symposium on Advances in Microwaves and Lightwaves
- o ICPWC'2000
- o Distinguish lecture program under IEEE Communication and other Societies.

Interested readers may contact

Dr.Ram Gopal Gupta Ministry of Information Technology CGO Complex,  
New Delhi-110003, India

E.Mail: [guptarg@mit.gov.in](mailto:guptarg@mit.gov.in), [r.gupta@ieee.org](mailto:r.gupta@ieee.org), [guptarg@hotmail.com](mailto:guptarg@hotmail.com)

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## WISE AND OTHERWISE

We are what we repeatedly do. Excellence, then, is not an act but a habit.

-Aristotle

We need to distinguish between data, information, knowledge and wisdom. Data are undigested observations. Information is organised data by others. Knowledge is information put to use in my mind and tested in practice. Wisdom is integrated knowledge.

-Herlon Cleveland

Innovation is not science or technology; but value.

-Peter F. Drucker

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## LETTERS

It will be very much useful if email Ids of office bearers of IEEE India Council is made available to all members.

- K P Prabhakar Rao, 40070380 PM

S. C. Bhargava, active volunteer of IEEE in India has retired from BHEL Corp R&D Group and is settled at 18, Godavari Gardens, Yapral. P.O., Secunderabad 500087 AP; Ph: 040 - 786 2742

RG Gupta,

Chair AES-COM-LEOS Society Chosen has his

e-mail ID changed Pl. note : [guptarg@mit.gov.in](mailto:guptarg@mit.gov.in)

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## EDITORIAL

Congratulations to the new team of IEEE India Council.! List at page 1. I call for



communication between sections through this Bulletin and wish the new team all co-operation. This year IEEE India is planning to fully activate the student branches and organise a number of technical purposes. Bulletin would like to publish these reports by setting apart one full page for Student Branches.

Trivandrum  
03 May 2000

**V. K. Damodaran**  
Editor  
E-mail:  
[vkd@ieee.org](mailto:vkd@ieee.org)



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### **Your feedback is important!**

- o *e mail:* [haresh@ipdpg.gov.in](mailto:haresh@ipdpg.gov.in)
- o [Click here to send your feedback, comments, remarks and suggestions.](#)
- o *Write to:*

Haresh S. Bhatt  
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INDIA  
Ph. 91-79-6774770

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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.**

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#### **Administrivia:**

**This page last modified on: February 13, 2001**

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