



## Message from Chairman



Dear Members,

Greetings from IEEE INDIA COUNCIL. Following last month, we still continue with more awards and recognitions.

The winner of the 2011 R10 GOLD Award is Rayees Amar Nishad from the Kerala section. Please join me in congratulating Rayees on this outstanding achievement.

IEEE 2012, VP EAB, appointed Prof Mini S Thomas as a board member of the IEEE Educational Activities Board (EAB) for 2012. Prof. Mini S Thomas will serve on EAB as the Section Education Outreach Committee (SEOC) chair.

The INDICON 2011 has been a great Success and we are all proud of it. It has set a mile stone to highest degree and a challenge for the future. Lot of intellectual exchanges took place, be it tutorials, workshops, technical sessions, key note addresses, plenary talks or invited talks, special sessions and panel discussions. Conducted 37 technical oral sessions and two large dialogue sessions in all covering around 300 paper presentations in two days. All the sessions were well attended.

Inaugural Session was presided by HIS EXCELLENCY GOVERNOR of AP, and has appreciated the theme "Engineering Sustainable Solutions". The same session, President-Elects of IEEE 2012,2013 and IEEE CS President along with Chair India Council spoke on the theme of the INDICON.

I would like to personally Thank for all the excellent work Prof. MGPL Narayana and his team has done . I am also grateful for their excellent hospitality.

During INDICON 2011, IEEE India Council Ex. Com and AGM were held on 17th. Dec.,2011. Our Secretary cum Treasure will be sending you the details of the proceedings of the same.

Thanks for your kind support and Looking forward for your inputs.

Dr. Ram Gopal Gupta

# That is IT in November 2011

Prof. S. Sadagopan



## General

- ♦ Government of India allows 51% in FDI in retail sector on November 24, 2011; it turns into a political storm; Government finally withdraws later
- ♦ UP votes to split the State into 4 smaller States on November 21, 2011
- ♦ Macro economic picture continues to be grim; Rupee slides to a record Rs 52.47 on November 23, 2011; food inflation soars to 9% in November; petrol prices hiked for the fifth time in the year on November 3, 2011; petrol price deregulation leads to price cut for the first time on November 16, 2011
- ♦ Disasters continue to hurt India; North Indian town Haridwar on the banks of Ganga saw a stampede that killed dozens of people on November 8, 2011; a fire in a running train in Eastern India killed nine on November 22, 2011

## Products

- ♦ Apple iPhone 4S launched in India on November 25, 2011
- ♦ India launch of Nokia Lumia 800 & 710 on November 1, 2011 though availability only by December 15, 2011
- ♦ Google Music launch on November 17, 2011
- ♦ Sabeer Bhatia launches Jaxtr free SMS to any number on November 22, 2011

## Markets

- ♦ On November 29, 2011, AMR, the owner of American Airlines files for bankruptcy
- ♦ Indian IT services majors posted good results for the third quarter (July – September); the revenue & profit figures are as follows.
- ♦ TCS                      \$ 2.5 B / \$ 528 M
- ♦ Infosys                \$ 1.7 B / \$ 411 M
- ♦ Wipro                    \$ 1.4 B / \$ 265 M
- ♦ Cognizant             \$ 1.6 B / \$ 227 M

## Indian IT companies

- ♦ TCS wins \$ 2.2 billion outsourcing contract over 15 years from UK based Insurance major “Friends Life”
- ♦ Wipro plans 1,000-seat facility in South Africa
- ♦ Hexaware wins \$ 250 million UK outsourcing deal
- ♦ Airtel has 50 million customers in Africa

## MNC IT companies in India

- ♦ Siemens plans \$ 250 m investment in India
- ♦ LinkedIn opens R & D facility in Bangalore on November 16, 2011
- ♦ IBM starts operations in November 2011 in Dehradun, Gandhinagar and Raipur taking its presence to 18 cities and plans to be in 40 Indian cities soon

## Applications

- ♦ Karnataka Chief Minister's office goes online on November 30, 2011, with the public able to view his office in real time during office hours

### Education & Research

- ♦ ICMR (Indian Council of Medical Research) turns 100 on November 15, 2011
- ♦ In the Supreme Court hearing on November 5, 2011, Government of India sticks to its earlier stand on the status of 44 Deemed Universities.
- ♦ Infosys Science Prizes were announced November 16, 2011; the winners are
- ♦ Prof. Kalyanmoy Deb of the Indian Institute of Technology, Kanpur - Engineering Sciences
- ♦ Dr. Imran Siddiqi of CCMB, Hyderabad - Life Sciences
- ♦ Prof. Kannan Soundararajan of Stanford University, USA - Mathematical Sciences
- ♦ Prof. Sriram Ramaswamy of the Indian Institute of Science, Bangalore - Physical Sciences
- ♦ Prof. Raghuram Rajan of the University of Chicago, USA - Social Sciences (Economics)
- ♦ Dr. Pratap Bhanu Mehta of the Centre for Policy Research, New Delhi - Social Sciences (Political Science & International Relations)
- ♦ Cambridge University announces special program for Indian students in November with 100 Scholarships named after Dr Kalam

### People

- ♦ One of the greatest succession plans announcement on November 23, 2011 named Cyrus Mistry to succeed Ratan Tata as Tata Sons Chairman in December 2012
- ♦ Deutsche Bank co-CEO Anshu Jain named "European investment banker of the year"
- ♦ Former US President Bush visits India in November 2011
- ♦ UK Minister of Universities & Science David Willetts visits India during November 15-17
- ♦ India born American scientist and Nobel prize winner Har Gobind Khorana died on November 12, 2011

### Interesting numbers

- ♦ Indian Internet user population crossed 100 million in November 2011
- ♦ Mobile game "Angry Birds" tops 500 million downloads
- ♦ Rupee Dollar equivalent stood at 51.79 on November 30, 2011 (RBI Bulletin)
- ♦ Foreign exchange reserves stood at \$ 306.84 billion on December 2, 2011 (RBI Bulletin)
- ♦ Indian phone subscribers increased to 914.6 million on October 31, 2011 with 606.8 urban and 308.8 rural subscribers; mobile phone subscribers saw net addition of 7.8 million in October to touch 881.4 million by October 31, 2011; landline subscribers shrunk by 0.12 million to touch 33.2 million by October 31, 2011 (TRAI Press Release of Dec 8, 2011)
- ♦ India has 3% population flying; it was 0.5% till Deccan Aviation started! India with a population of 1.2 billion has 50 million people flying in a year; Ireland with 5 million population has 25 million flyers per year, Malaysia with 28 million population has 16 million, USA with 300 million has 600 million flying every year!

## IEEEXtreme 5.0- Biggest Programming competition on the planet

IEEEXtreme is 24 Hour Online Programming Competition for IEEE Students across the globe. It's the only competition of such nature in the world where students from across the globe participate at same time in such huge numbers. Its first time anybody outside US is managing the competition globally and it's a proud moment to India as an Indian lead the competition in 2011. Gowtham Prasad K N from Bangalore Section was the IEEEXtreme Programing competition lead this year. Other two core volunteer members were Srikanta from India and Sinan from Dubai.

Following statistics themselves talk about the success of the competition

- ♦ 1161 teams participated – 53% growth from 2010
- ♦ 3183 students; 404 proctors; 25 volunteers
- ♦ 65 countries participated – 25% Growth from 2010
- ♦ India had the highest participation followed by USA
- ♦ 253 Universities/ Student Branch across the globe
- ♦ 32,000 code submissions on Mooshak, Online Competition Tool
- ♦ Facebook page had 7,51,562 views, 10000+ active users and 8000+ likes on day of competition

### Major milestones achieved:

- ♦ Crossed 4 digit number in participation for the first time
- ♦ IEEEXtreme 5.0 is the only program of IEEE to reach so many countries on a single day

This is what Gowtham had to say about his experience managing the global competition: “So far in my 8 years of volunteering of IEEE, This was the biggest and most challenging project I have ever managed. I had to work with my core team from 5 different countries: USA, Dubai, India and Singapore. I had to work with Judges from 10 different countries. So if something goes wrong I had to make an ISD call and/or wait for 12 more hours for the other person to wake up! On top of it, the education systems, expectations and requirements of Engineering students is so different from different countries; What works in Region 10 and Region 8 won't work in say Region 1- 6 and vice versa. And there were so many different IEEE entities and societies that I had to work with. I had to present in different Region Meeting to get their Mindshare. Then we had host Mooshak the tool for the competition on 20 web servers across the globe. Wow! That was exciting!

One of the main challenges that I had to tackle was a few weeks before the competition, 10 Judges and 5 Testers gave up their task half way due to their personal challenges. What came to my rescue was my network of IEEE friends and colleagues especially in India who jumped in at last minute to help me out with qualified resources! Another main challenge was to manage 1100+ active users on Facebook. If the Problem update on Mooshak gets delayed by a few seconds due to server latency, we would have got hundreds of posts and likes in that span! And we had nearly 1000+ tech questions on Mooshak tool which judges were answering. Making sure that we address everybody's expectation was a herculean task. Core team, judges and Staff were connected at back end through Skype chat which has 5000+ IMs in for 24 hours straight!

When I look back at the impact our team created for IEEE and the world, It is so satisfying! I can't think of any platform other than IEEE which can give such an exposure at such a young age. I am thankful to all IEEE Volunteers around the globe who supported me to make IEEEXtreme 5.0 happen. Special thanks to all IEEE volunteer Leaders and students in India who supported me through out. Proud of working with all of you!”

As the competition grows, it poses more challenges on technology and cost. So we wish all the best to everyone for IEEEXtreme 6.0. For more details check out [www.ieee.org/xtreme](http://www.ieee.org/xtreme) & <http://www.facebook.com/ieeextreme>.

# SOCIAL ACTIVITY BY IEEE-PESCE

IEEE-PESCE is conducting social activity since its inception. IEEE-PESCE not only deals with the technical aspects but it also does social activities like supporting an NGO called 'UNNATI', visiting an orphanage, blind school etc. IEEE-PESCE selected 'JNANA VIKASA EDUCATION TRUST®', a school for deaf and dumb students in Chinakurali, Pandavapura taluk of Mandya district.

IEEE-PESCE planned to celebrate children's day, on 14<sup>th</sup> Nov 2011 with the kids of 'JNANA VIKASA'. We had planned earlier about the events to be done for this event. We raised the fund throughout the college from the faculty members, students and even from our student Members. It was a great response to our initiative from the College Management.

There were more than 105 students among which 70 and odd were physically impaired. There were classes from 1<sup>st</sup> to 9<sup>th</sup>. We categorized the students based on their age group and we conducted Drawing competitions. The children from 1 to 4<sup>th</sup> standard were provided with the crayons and drawing sheets. The children from 5<sup>th</sup> to 7<sup>th</sup> standard were provided with the sketch pens. The students from 8<sup>th</sup> and 9<sup>th</sup> were provided with water colors. Their creativity was so good, their imagination was speechless. It was a difficult job to pick the best among them, but we did it somehow.

Even the school authority had planned to celebrate CHILDREN'S DAY' and 'KANAKA DASA JAYANTHI'. We joined our hands with them. The school secretary Mr. Govindaraju, our student chair Supreeth K S and our student chapter web master Kiran B Holla were presiding over the children's day function. Mr. Govindaraju and Supreeth spoke to the small kids during the function. We distributed the prizes for the best drawings, chocolates and sweets to the children and staffs over there. We donated 42 blankets to the deaf and dumb boarders. It was a contribution from the side of IEEE-PESCE.

We conducted musical chair competition for small aged group children. Even the teaching and non-teaching faculty members also played this and even our student members played with great fun. We danced with those small kids for the different musics with great joy it was a huge entertainment to all. We organized frog race, ball-out to the students of different age group. We played with them and enjoyed a lot. Even the trust secretary organized a treasure hunt for us we played the game with great enthusiasm. We gave away the prizes to the winners of these games and took photos with the school family.

Special thanks to our student chapter for conducting this kind of activity, especially to our student Chairman for giving us an opportunity to visit this school and special thanks to our student members viz. Hemanth, Renuka Aradhya, Vyshak, Sharath, Harsha, Vishnu, Gururaj, Manjunath, Praveen, Naveen, Ravi Kiran, Arjun, Shamanth, Madhu and also to WIE members Swathi, Kavana, Kirthana, Arpitha, Jamuna and Rachana. It was a thrilling experience for all of us and we learnt a lot from them. Without doubt, I can certainly put it as the most memorable day in my life.

Regards,

**Thejus u**

Joint-secretary

IEEE-PESCE

P E S college of Engineering, Mandya.







# 2012 IEEE International Conference on Electron Devices and Solid-State Circuits

3 - 5 December 2012, Bangkok, Thailand

[www.EDSSC2012.eng.chula.ac.th](http://www.EDSSC2012.eng.chula.ac.th)

## First Call for Papers

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The 8<sup>th</sup> EDSSC, first initiated by IEEE ED/SSC Hong Kong Joint Chapter, will be held in Bangkok, Thailand. It will provide a stimulating environment for experts and academics to disseminate research and development in the broad field of Electron Devices and Solid-State Circuits. EDSSC 2012 will include oral and poster sessions as well as invited and keynote speakers.

### Topics of Interest (but not limited to):

- Photonics
- RF & Microwave Devices and Circuits
- Power Electronics
- Sensor and MEMS
- Organic Devices
- Bioelectronics
- Nanoelectronics
- Device and Circuit Reliability
- Communication Circuits
- Digital and Memory Circuits
- Novel Analog Circuits
- Data Processing Circuits

### Online Abstract Submission:

Only electronic submission in PDF format will be acceptable. Two-page extended abstract in English is expected. The materials in the abstract must be original and unpublished. Instructions for preparing the abstract to conform the IEEE Conference Proceedings and IEEE Xplore-compatible PDF format are given in the author kit which is available in the conference website as listed above. Similar to EDSSC 2011, journal special issues or sections for publishing selected full papers are under negotiation.

### Important Dates:

- Submission Deadline : 30 June 2012
- Acceptance Notification : 31 August 2012
- Early Registration : 31 October 2012

Conference Secretariat: Dr. Thavatchai Tayjasanant [edssc2012@eng.chula.ac.th](mailto:edssc2012@eng.chula.ac.th)

### General Co-Chairs:

- Somsak Panyakeow, *Chulalongkorn University, Thailand*
- Juin J. Liou, *University of Central Florida, USA.*
- Pansak Siriratchatapong *NECTEC, Thailand*

### Technical Program Co-Chairs:

- Ekachai Leelarasmee, *Chulalongkorn University, Thailand*
- Hei Wong, *City University of Hong Kong, Hong Kong*

### Sponsors:

- Electrical Engineering Department, Chulalongkorn University
- IEEE Thailand Section

### Technical Co-Sponsors:

- IEEE Electron Devices Society
- IEEE ED/SSC Hong Kong Chapter

# Dr. Ram Gupta Receives MGA Leadership Award

Iir F. Progni, Senior Member, IEEE AESS, ComSoc, and GRSS  
Associate Editor of the IEEE Systems Magazine, Editor for Position Navigation and Timing

THE IEEE AESS is pleased to announce that Dr. Ram Gopal Gupta (see Fig. 1) is the recipient of the 2011 MGS leadership award with the following citation:

*"For his distinguished leadership and outstanding contributions as a volunteer, at the Section and Regional levels, serving the IEEE for the benefit of its members and the engineering profession by popularizing IEEE in local industry and common engineering students" [1].*

MGA leadership award is established by the IEEE MGA to recognize sustained leadership in Region, Society, or Board of Governors (BOG) positions for the benefits of the IEEE and its members.

Dr. Gupta has exceptional credentials in one of the most important and growing IEEE market, India, Region 10. He was a Senior Director in the Ministry of Communications and Information Technologies and is still active leading there. He used this inherent leadership position to leverage for IEEE to initiate and lead activities that brought together IEEE's TAB, MGA (RAB earlier), Sections and Chapters for Conferences, Workshops, Distinguished Lectures (DLs), events and meetings across the major sectors of India's society, academia, industry and government, all to advance India and IEEE. His activities include communications, IT, aerospace, and defense, systems-of-systems, ATM and systems development sectors reflected well on MGA Region 10, IEEE, international communities and IEEE ability to "Advancing Technology for Humanity" (and earlier "Advancing Global Prosperity") [2].

Dr. Gupta, IEEE senior member for the previous sixteen years, is serving in the BoG of AESS and the BoG of IEEE Photonic Society. He started his IEEE service as (1) Chair of the Joint Chapter IEEE AES COM LEO Society of India Council and achieved the position of Delhi Section Chair and, presently India Council Chair; (2) popularized IEEE technical activities for students, academia, and industry in India; (3) initiated two major IEEE Conferences in Communications and ATM; (4) opened the New Students Branches in engineering to for students' benefit.

Some of his outstanding awards include: (1) in 2007 Member Board of Governors for IEEE Technology Management Board; Chair-IEEE DELHI SECTION; Editorial



Fig. 1. Dr. Ram Gupta.

Board Member of The Open Aerospace Engineering Journal published by Bentham Science Publishers; (2) in 2006 elected Member of BOG for IEEE AESS. Member of TPC of world largest IEEE Communication Conference: GLOBECOM 2006 and ICC 2007; (3) Outstanding IEEE ComSoc/AESS Chapter for year 2006, 2005, 2003, and 2002 Awards.

As Senior Government officer he has collaborated programmers with the government to popularize IEEE. The innovative efforts have led to the sharp increase in the student's branches in India and the overall membership growth. After taking as Chair, he retrieved the IEEE AES COM LEO SO CH INDIA from IEEE Disqualified Chapters and achieved the Best Chapter Award from IEEE ComSoc for more than five years. Major initiatives include "IEEE ICPWC General Chair" in India since 1996 with participants from 22-25 countries.

Dr. Gupta was the Organizer and Chair "IEEE Seminar on Aeronautical Navigation & Communications: Present and Future," August 17-18, 2006; Fellow and Life Member of the TEB for the technical publications of the Largest Profession Body in India IETE (Institution of Electrical and Telecommunication Engineers); Member of the nomination committee for an international award worth US \$800,000 for Techno-entrepreneurship development instituted by The TAKADA FOUNDATION, Japan; Electronics and IT Expositions (ELITEXs) etc. His numerous reports enhance the vision on the "Role of United Nations and Specialized Agencies for Developing Electronic Industry in Developing Countries."

This article is a welcoming message for the IEEE AESS members to highlight Dr. Gupta's vision, IEEE-AESS, and his eagerness to advance global leadership of entire IEEE AESS mission.

## REFERENCES

- [1] J. Mazliska, "Dr Ram Gopal Gupta Leadership Award," in *MGA Award - Navigation Form (IEEE Private Commun.)*, pp. 1-9, Oct. 9-10, 2011.
- [2] P.E. Gartz, "Endorsement for MGA Leadership Award For Dr. Ram Gopal Gupta," *Endorsement Letter (IEEE Private Commun.)*, pp. 1-2, Oct. 10, 2011.

Manuscript received December 4, 2011. Revised on December 10 and 27, 2011.

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## Indian National Academy of Engineering (INAE)

MOS-AK/GSA India 2012: International Workshop on Device Modeling for Microsystems  
March 16-17, 2012

Jaypee Institute of Information Technology (JIIT), A-10, Sector-62, Noida (U.P)

MOS-AK/GSA is a global organization/forum that discusses and shares all information related to the compact modeling at all levels of the device and circuit characterization, modeling and simulations. This organization brings people in the compact modeling field together and helps networking among them, enhance open platform for information exchange related to compact/Spice modeling and Verilog-A standardization as well as obtain feedback from technology developers, circuit designers, and CAD tool vendors. The topics cover all important aspects of compact model development, implementation, deployment and standardization within the main theme - frontiers of the compact modeling for CMOS/SOI circuit simulation and nm-scale MEMS designs.

MOS-AK/GSA India 2012 event, being organized by us for the first time in India, will also discuss the frontiers of device modeling for Microsystems with emphasis on simulation-aware models. The specific workshop goal will be to classify the most important directions for the future development of the microelectronic device models, not limiting the discussion to compact models, but including physical, analytical and numerical models, to clearly identify areas that need further research and possible contact points between the different modeling domains. This workshop is designed for device process engineers (CMOS, SOI, BiCMOS, SiGe) who are interested in device modeling; ICs designers (RF/Analog/Mixed-Signal/SoC) and those starting in that area as well as device characterization, modeling and parameter extraction engineers. The content will be beneficial for anyone who needs to learn what is really behind the IC simulation in modern device models.

The workshop is also envisaged to serve as a platform for launch of MOS-AK/GSA India which forum will help galvanize the microelectronics modeling community in India which exists as strong pockets over various Universities, Institutes of Technology and Industries.

Concerned/interested professionals are welcome to participate in this Workshop. Submission of poster papers is also welcome. Details of the workshop can be viewed at <http://inae.org/seminar.htm>.

For further details please contact: Mrs. Pratigya Laur  
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Ph: +91 11 26582635  
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## SLATE FOR EC OF IEEE INDIA COUNCIL FOR 2012

The nomination Committee consisting of Mr. R K Asthana, Dr. Suresh Chanderpal and Mr. Raju Hira. has proposed the following Slate for India Council office for 2012. If there are any petition candidates for any of the posts below, the same may be sent to the Secretary, IEEE India Council before 31 January 2012.

S. N.	POST	SECTION	NAME
1	Chair	Delhi	<b>Dr. Ram Gopal Gupta</b>
2	Exe. Vice Chair	Chennai	<b>Dr. M. Ponnaivaikko</b>
3	Secretary / Treasurer	Delhi	<b>Dr. Ved Ram Singh</b>
4	Immediate Past Chair	Bangalore	<b>Prof. Kasi Rajagopal</b>
5	VC - Professional Activities	Pune	<b>Dr. Dattatray J. Doke</b>
6	VC - Student Activities	Kolkata	<b>Prof. Kalyan K. Mallik</b>
7	VC - Technical Activities	Kerala	<b>Mr. Satish Babu</b>
8	VC - Educational Activities	Uttar Pradesh	<b>Dr. Y. N. Singh</b>
9	VC - Membership Development	Hyderabad	<b>Dr. Koduri Srinivas</b>
10	News Letter Editor	Bangalore	<b>Mr. Hitesh Mehta</b>
11	Ombudsman	Gujarat	<b>Mr. Deepak Mathur</b>
12	Member at Large	Mumbai	<b>Dr. M. M. Shah</b>
13	Member at Large	Mumbai	<b>Mr. Anthony Lobo</b>

# IEEE INDIA COUNCIL

## Secretary's Report - 2011

### 1. The IC Executive Committee 2011

The India Council Executive Committee 2011 comprises:

Office	Name	Section
Chair	<u>Dr. Ram Gopal Gupta</u>	Delhi
Executive Vice Chair	<u>Dr. M. Ponnavaikko</u>	Madras
Secretary/Treasurer	<u>Dr. Ved Ram Singh</u>	Delhi
Immediate Past Chair	<u>Prof. Kasi Rajagopal</u>	Bangalore
Vice Chair-Professional Activities	<u>Dr. Dattatray J. Doke</u>	Pune
Vice Chair-Student Activities	<u>Prof. Kalyan K. Mallik</u>	Calcutta
Vice Chair-Technical Activities	<u>Mr. Satish Babu</u>	Kerala
Vice Chair-Membership Development	<u>Dr. Koduri Srinivas</u>	Hyderabad
Vice Chair-Educational Activities	<u>Dr. Y. N. Singh</u>	Uttar Pradesh
News Letter Editor	<u>Mr. Hitesh Mehta</u>	Bangalore
Ombudsman	<u>Mr. Deepak Mathur</u>	Gujarat
Members at Large	<u>Dr. M. M. Shah</u>	Bombay
Members at Large	<u>Mr. Anthony Lobo</u>	Bombay
Webmaster	<u>Quraish Bakir</u>	Bombay
NDLP Co-ordinator	<u>Dr. G. Sai Narayanan</u>	

### 2. IC Execom Meetings held during the year 2011:

1. EC meeting held at Yogikarta, Indonesia, on March5-6, 2011 during R10 AGM
2. Initial meeting of few new EC members was organized on June 7, 2011 and e-circulation was made to members.
3. EC Meeting held at San Francisco, USA, covering IC members and other delegates from India, on August 19, 2011, during IEEE Sections Congress, August 16-19, 2011.
4. EC meeting held at BITS-Hyderabad, on December 17, 2011, prior to India Council- AGM 2011.
5. During 2011, six e-mail/net meetings organised every month till June, 2011.

### 3. Participation in R10

Dr.Kasi Rajgopal, IC Chair represented India Council at the R10 Annual Meeting in Yogikarta, Indonesia in March 5-6, 2011.

Dr. R.G.Gupta, Chair represented India Council during R10 Sections Congress at San Francisco, USA on August 16-19, 2011.

#### **4. INDICON and IC Support:**

- INDICON- 2011 is being organised by Hyderabad Section jointly with BITS-Hyderabad and India Council during 16-18 Dec, 2011 with the theme "**Engineering Sustainable Solutions**".
- INDICON- 2012 is to be decided in AGM-2011

#### **5. Contribution to IEEE Newsletter**

Print copy version of IEEE India Info Newsletter suspended w.e.f 01.01.10. However, electronic Newsletter has been published regularly every month during 2011, which is archived at [http://ewh.ieee.org/r10/india\\_council/newsletters.html](http://ewh.ieee.org/r10/india_council/newsletters.html)

#### **6. Participation in the ECI BOG Meetings at Delhi**

Dr. V R Singh participated by representing India Council EC meeting and Annual BOG (Board of Governors) meeting of the Engineering Council of India (ECI) held in New Delhi on June 27, 2011.

#### **7. NDLP**

- The new initiative called NDLP (National Distinguished Lecturer Programme) is in its 4<sup>th</sup> year of operation approved by IEEE New Initiatives Committee
- National NDLP Coordinator: Prof. G Sai Narayanan
- Links related to NDLP are available at India Council Site, [http://ewh.ieee.org/r10/india\\_council/index.html](http://ewh.ieee.org/r10/india_council/index.html)
- A roster of over 100 senior professionals, who have volunteered for NDLP is made available on India Council website.
- Volunteers are drawn from all the sections of India Council

##### **NDLP Section Coordinators are:**

- Bangalore: Babu Narayanan MM - [babu@cpri.in](mailto:babu@cpri.in)
- Bombay: Quaraish Bakir - [qbakir@ieee.org](mailto:qbakir@ieee.org)
- Calcutta: PK Basu - [pkbasu\\_rpe@yahoo.co.in](mailto:pkbasu_rpe@yahoo.co.in)
- Delhi: Dr. V.R.Singh - [vrsingh@ieee.org](mailto:vrsingh@ieee.org)
- Gujarat: Deepak Mathur - [deepakmathur@ieee.org](mailto:deepakmathur@ieee.org)
- Hyderabad: Arun Agarwal - [aruncs@uohyd.ernet.in](mailto:aruncs@uohyd.ernet.in)
- Kerala: C.V.Anil Kumar - [cvanil@ceconline.edu](mailto:cvanil@ceconline.edu)
- Kharagpur: Chandan Chakraborty [cc\\_iitkgp@yahoo.com](mailto:cc_iitkgp@yahoo.com)
- Madras: Dr.N.Kumarappan - [kumarappann@gmail.com](mailto:kumarappann@gmail.com)
- UP: Dr. Nandini Gupta - [ngupta@iitk.ac.in](mailto:ngupta@iitk.ac.in)
- India Council: G Sai Narayanan [sai.jgk@gmail.com](mailto:sai.jgk@gmail.com)

#### **8. All India Student Congress**

All India Student Congress (AISC) for the year 2011 was organized successfully on 29<sup>th</sup> September, 2011 at Jamia Millia Islamia, New Delhi. The number of attendees including volunteers and dignitaries was 187 ( IEEE members 178, non members 9). Dr. R.G.Gupta, Chair-IC graced the inaugural function.

## 9. Student Branch Officer Training Workshop

The IEEE Region 10 SAC in association with the IEEE Madras Section and the IEEE SRM Student Branch organized a one-day IEEE Student Branch Officer Training Workshop on 8th October, 2011 at SRM University, Kattankulathur.

## 10. Events/ Conferences Supported by India Council

- The Third International Conference on **COM**munication Systems and **NET**workS (COMSNETS) was held in Bangalore, India, from 4 January 2011 to 8 January 2011. This was co-sponsored by India Council
- International Conference on Software Engineering CONSEG 2011 organised at Bangalore during February 17-19, 2011, was technically co-sponsored by India Council.
- IEEE Standards Association programme was organised by Corporate Advisory Group (CAG) on March 8-12, 2011.
- A National Conference RTCI-11 on "Recent Trends in computational Intelligence " was organized at Central India Institute of Technology(CIIT), Indore(MP) on April 23rd ,2011. The conference was technically sponsored by IEEE, Madhya Pradesh subsection, IEEE Computer Society Chapter ,Bombay Subsection and CSI Indore chapter.
- PES/IAS/PELs Joint Chapter & GOLD Affinity Group, The Institute of Electrical & Electronics Engineers (IEEE), Hyderabad Section conducted PSCAD (Power Systems Computer Aided Design) Workshop on 29th May 2011 at Osmania University, in Association with IEEE Student Branch, Osmania University, Hyderabad.
- One Day Tutorial on Simulation of Wired and Wireless Networks using NS2 Simulator, a joint event of IEEE Gujarat Section and the IEEE Computer Society Chapter, India Council was organized on Tuesday, 12th June 2011 at Ahmedabad Management Association (AMA), Ahmedabad, Gujarat, India.
- THE IEEE Workshop on "Sustainable Energy: Economics, Environment and Equity" was an event of Power & Energy Society, Bangalore, India Council Chapters and also Bangalore Section. The PES Bangalore and India Council Chapters in association with National Institute of Advanced Studies (NIAS) and IEEE Bangalore Section had organized the workshop successfully on 23-24 June 2011, at NIAS, Bangalore having more than 130 registered participants
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- CALCON 11 by IEEE Calcutta Section
- Agilent Aerospace and Defense Symposium being organised by IEEE AES COM LEO Society'
- 
- ELITEX 2011 promoted R&D industry linkages essential for the absorption of indigenous technology by the industry and for stimulating innovations. The Discussions deliberations were available online via direct webcasting on and and also at all the video-conferencing centers of NIC. Some of the Seminar Sessions had Question/Answer through video conferencing. All the presentations during the discussions are available on [www.elitex.in](http://www.elitex.in). The following awards were presented:
  - Best Exhibitor Award C-DAC
  - Best Exhibitor Award among State Govt. stalls Delhi
  - Second Best Exhibitor Award NIC
  - Special Exhibitor Award CMET
- **IEEE Section Congress 2011 held at San Francisco on August 19-22,2011:**  
About 1133 participant from all over the world participated. Besides the General Agenda, R10 and India Council meetings were held. During IC meeting more than 20 participants attended. The India Council meeting was also attended by the R10 Director and IEEE MGA representative.
- PES/IAS/PELs Joint Chapter (IEEE Hyderabad section) Organized a Two Day National Seminar on '*Nanotechnology –Its Future and Applications in Energy Sector*' at Hyderabad on 26th and 27th of August 2011, in association with Mahindra Satyam.



- **ISAAC** (IEEE-TSEC Students' Activities and Conferences) is the annual national level technical festival of the Institute of Electrical and Electronics Engineers - Thadomal Shahani Engineering College (IEEE-TSEC). ISAAC-2011 was held on 25th September, 2nd and 6th October, 2011.
- **INDICON-2011** held at Hyderabad on December 16-18, 2011, has been a wonderful conference of India Council, where President-IEEE and President-elect IEEE have personally participated..

## 11. 2012 Newly Elevated Fellows

- (a) Prof. K. Gopakumar, Indian Institute of Science , Bangalore, Karnataka, India  
*for contributions to design and control of multilevel converters*
  - (b) Prof. Ranjan K. Mallik, Indian Institute of Technology Delhi, Delhi, India  
*for contributions to channel characterization in wireless communication systems*
  - (c) Prof. Sushmita Mitra, Indian Statistical Institute, Kolkata, West Bengal, India  
*for contributions to neuro-fuzzy and hybrid approaches in pattern recognition*
  - (d) Prof. Sivaram Murthy, Indian Institute of Technology- Madras, Chennai, Tamilnadu, India  
*for contributions to resource management in high performance real-time computing and communication systems*
  - (e) Dr. Venkata Narayana Padmanabhan, Microsoft Research India, Bangalore, Karnataka, India  
*for contributions to mobile communications systems*
  - (f) Prof. Raghunath Kashinath Shevgaonkar, University of Pune, India  
*for leadership in electrical engineering education in India*
  - (g) Dr. Thangavelu Asokan, GE India Technology Centre Bangalore, Karnataka, India  
*for contributions to the development technologies for electrical safety*
  - (h) Prof. Kalyanmoy Deb, Indian Institute of Technology- Kanpur, Uttar Pradesh, India  
*for contributions to evolutionary multi-criterion optimization techniques*
- Heartiest congratulations to them!**

## 12. Awards and Honors

- 2011 IEEE James H. Mulligan, Jr. Education Medal to Prof. Raj Mittra of Pennsylvania State University
- 2011 IEEE Alexander Graham Bell Medal to Prof. Arogyaswami J. Paulraj of Stanford University
- 2011 IEEE Honorary Membership to Dr A P J Abdul Kalam Ex President of India
- **MGA Leadership Award-2011 to Dr. Ram Gopal Gupta (R10), Delhi Section**  
For distinguished leadership and outstanding contributions at the Section and Region levels, serving IEEE for the benefit of its members and the engineering profession by engaging local industry professionals and students.
- **MGA Achievement Award 2011 to:**
  - (a) **Dr. P. Suresh Chander Pal (R10), Madras Section**  
For sustained excellence and inspirational guidance in promoting IEEE among students and mentoring young professionals to address humanitarian needs through technology.
  - (b) **Mr. Ramakrishna Kappagantu (R10), Bangalore Section**  
For engaging and developing members in the Bangalore Section and India by leading programs and events to promote IEEE young professionals and technical activities, including the IEEE All India Young Engineers' Humanitarian Challenge
- **MGA Gold Achievement Award-2011 to: Dr. Karthik Kulkarni (R10), Bangalore Section**  
For dynamic leadership in spearheading humanitarian and innovative engagement opportunities for young IEEE engineering professionals in India.

- IEEE Member-Get-a-Member (MGM) program- 2011: additional award of \$1000, to Delhi Section, as the first place recruiter in the Asia and Pacific Region, and the top overall recruiter across all IEEE sections.
- **2010 IEEE Region 10 WIE Affinity Group Of The Year:** R10 WIE coordination committee received 4 entries and has selected the WIE Affinity Group, Hyderabad Section as the winner of the 2010 IEEE Region 10 WIE Affinity Group Of The Year. The selection of the award is based on the performance summarized in the nominations submitted by R10 WIE Affinity Groups.
- **IEEE Region 10 WIE Support Funds.**

In 2011, R10 WIE coordination committee received 34 proposals from 23 WIE affinity groups. Following are the results of IEEE Region 10 WIE Support Funds

- (a) **Progress Funds (\$300 \* 7 groups)**  
10 entries were received and the following groups have been selected.
  - \*WIE Delhi Section, Delhi Section
  - \*WIE Student Group, Institute of Technology, Nirma University, Gujarat Section
  - \*MES College of Engineering Thrikkanapuram(po), Kuttipuram, Malappuram(dt), Kerala Section
  - \*WIE Kerala Section, Kerala Section
  - \*WIE Indonesia, Indonesia Section
  - \*Japan Council Women in Engineering Affinity Group, Japan Council
  - \*IEEE Pakistan WIE forum, Lahore Section
- (b) **Congress/Forum Funds (\$300 \* 5 groups)**  
7 entries were received and the following groups have been selected.
  - Women In Engineering Affinity group, IEEE student Branch, DA-IICT, Gujarat Section
  - IEEE WIE VJCET, Kerala Section
  - College of Engineering ,Trivandrum, etc. (8 groups), Kerala Section
  - WIE Kerala Section, Kerala Section
  - WIE Affinity Group College of Engineering Adoor, Kerala Section
- (c) **Conference Funds (\$500 \* 3 groups, \$200 \* 2 groups)**  
6 entries were received and the following groups have been selected.
  - \*WIE Affinity Group, Hyderabad Section, Hyderabad Section (\$500)
  - \*College of Engineering Trivandrum, Kerala Section (\$500)
  - \*Government Engineering College, Barton Hill,Thiruvananthapuram, Kerala Section (\$500)
  - \*IEEE Malaysia WIE Affinity Group, Malaysia Section (\$200)
  - \*IEEE Singapore Section Women In Engineering Affinity Group, Singapore Section (\$200)
- (d) **STAR Funds (\$200 \* 7 groups)**  
11 entries were received and the following groups have been selected.
  - \*WIE IEEE JMI, Delhi Section
  - \*MES College of Engineering Thrikkanapuram (po),Kuttipuram, Malappuram (dt), Kerala Section
  - \*WIE SBCET, Kerala Section
  - \*Vidya Academy of Science & Technology, Kerala Section
  - \*College of Engineering Karunagappally, Kerala Section
  - \*WIE SB TKMCE, Kerala Section
  - \*IEEE SB, Government Engineering College, Bartonhill, Thiruvananthapuram, Kerala Section
  - IEEE India Council Education Society Chapter has been revived

- **R10 Distinguished Large and Small Section Awards – 2010**  
**(a) Large Section Award - to**  
 IEEE Madras Section, for the first time. Distinguished Large Section based on the Annual Performance and PES 2011 Membership Growth Contest  
**(b) 2010 IAS Outstanding Small Chapter for 2009 performance**  
 IEEE IAS Chapter (Calcutta Section)  
 First Place (\$1000): KERALA SECTION 73%  
 Second Place(\$500): COLUMBIA SECTION (Region 9) 54%  
 Third Place(\$250) TIE CALCUTTA SECTION 40%  
 TIE WESTERN SAUDI ARABIA SECTION 40%  
**(c) Certificate of Appreciation:**  
 H R Mohan, Chair, IEEE Computer Society Chapter (Chennai Section) 2009
- **Global WIE Committee Chair for the year 2011**  
 Prof. Ramalatha Marimuthu (Madras Section)
- **IEEE ComSoc Asia Pacific members recognize Kerala ComSoc Chapter** for winning the 2011 Chapter Achievement Award. Kerala ComSoc Chapter activities are highly recognized by all AP members as well as ComSoc executives, in particular the activities for membership development.
- **2010 Supporting Friend of IEEE Member and Geographic Activities Award**  
 University of Hyderabad (Hyderabad Section) for outstanding and continued support of the IEEE Hyderabad Section by providing significant contributions to Section meetings, encouraging faculty to serve as IEEE volunteers, and hosting INDICON and other activities.

### **13. Visits of IEEE Distinguished Personalities:**

- Mr Peter Sobel, Staff Director, Global Business Development, IEEE H/Q visited Delhi on June 7, 2011, along with Mr Harish (IEEE Bangalore office). A meeting was held with few IEEE- India Council Members and business development issues were discussed, particularly about the standardization of electronic and telecom products.
- IC organized the Visit of Prof V K Bhargava IEEE Com Soc President- Elect Visited Bangalore, Chennai and Delhi.
- IC organized the visit of Prof Hugh Griffiths IEEE AESS President-Elect, who visited Delhi, Jaipur, Bangalore and Chennai as DL and delivered talks..
- Meeting with Mr. Matt Loeb, CAE on 1st Nov regarding the development of IEEE Standards in association with R&D institutes in India.

### **14. New Chapter Formation**

Formation of New Chapter on Robotics and Automation Society is in progress.

### **15. Conference Proposals in Progress are with the India Council for Financial/Technical Collaboration:**

- IEEE International Conference on Technology Enhanced Education Jan 3-5 2012, Amritapuri, Amrita University, Kerala, India
- Technology and Society in Asia- IEEE- SSIT Asia-Pacific Conference, Singapore, 27-29 October 2012. Sponsored by IEEE Singapore, IEEE India Council, IEEE Victoria, IEEE Society on Social Implications of Technology (SSIT), SSIT Japan, SSIT Australia.

- The joint conference of the 7<sup>th</sup> Conference on Pervasive Computing and Applications and the 4<sup>th</sup> Symposium of Web Society. Proposed by Fujitsu Laboratories of Europe Limited, Hayes Park Central, Hayes End Road, Hayes, Middlesex, UK, in 2012
- International Conference on Information Management in the Knowledge Economy, Dec 2013, Chitkara University, Punjab.
- 3<sup>rd</sup> International Conference on Mobile Communication for Development (M4D2012), by Institute of Management Studies (Ghaziabad, India) in cooperation with HumanIT (Karlstad University, Sweden), in 2012.
- International Conference on Signal, Image and Video Processing 2012 at IIT Patna.
- The Aerospace Engineering Dept. of IISc is taking lead in organizing the Second Conference ACODS 2012 (<http://www.acods.org/>), on February 16-18, 2012

**(DR. V.R.SINGH)**  
Secretary-cum-Treasurer  
IEEE India Council  
December-17,2011



# IEEE INDIA COUNCIL

## MINUTES OF AGM OF IEEE INDIA COUNCIL HELD ON 17<sup>th</sup> DECEMBER, 2011 AT HYDERABAD

The Annual General Body Meeting of IEEE India Council was held on 17<sup>th</sup> December, 2011 at 5.00 PM during INDICON-2011 at Hyderabad. Following are brief points of discussions and approval:

1. The Chairman welcomed the members and highlighted the achievements of the year specially with respect to the Awards and Recognition given to IEEE Indian Members. He expressed his appreciation and congratulated all. He also congratulated all new eight Fellow grade members. Further he emphasized the need of action plan for the activities of the Council during next year which has been agreed.
2. The Secretary read the report on the activities organized during 2011. The report was then approved unanimously. A copy of the report is attached.
3. Accounts for the year (Jan 1, 2011 to December 17, 2011) were presented and approved
4. IC bylaws were discussed and approved. A copy of the final draft is attached.
5. Slate for EC of India Council for 2012, submitted by the Chair, Nomination Committee was presented and approved. The slate is attached.
6. The Chair has explained why the MV Chauhan contest could not be organized in 2011, due to unavoidable circumstances. AGM further resolved that the contest for 2011 and 2012 should be organized next year, both for UG and PG students. Chair assured the availability of funds for the same.
7. INDICON 2011 has been a great successful. The inauguration was made by the Hon'ble Governor of Andhra Pradesh. Dr. F.C.Kohli was the guest of honour, while IEEE President 2012 and IEEE President 2013 and other dignitaries were on the dais. AGM conveyed Heartiest congratulations to the organizers, and in particular to Mr MGPL Narayana, General Chair.
8. It was approved that INDICON-2012 will be organized by Kerala Section, INDICON-2013 by Mumbai Section and INDICON-2014 by Pune Section. Proposals of Delhi section will be considered during the next AGM.
9. A condolence meeting on the sad demise of Mrs R.K.Asthana was held. The chairman will send a condolence message to Mr Asthana.
10. The meeting ended with the thanks to the chair.

(Dr. V.R.Singh)

Secretary-cum-Treasurer

IEEE India council

Dec 21, 2011

# IEEE INDIA COUNCIL

## MINUTES OF EXECUTIVE COMMITTEE MEETING OF INDIA COUNCIL HELD ON 17<sup>th</sup> DECEMBER, 2011 AT HYDERABAD

The Executive Committee meeting of IEEE India Council was held on 17<sup>th</sup> December, 2011 at 4.30 PM during INDICON-2011, Hyderabad. The following members attended:

1. Dr. R.G.Gupta
  2. Dr. V.R.Singh
  3. Shri Deepak Mathur
  4. Dr. K.K. Mallik
  5. Dr. D.J. Doke
  6. Dr. Anthony Lobo
  7. Dr. K. Srinivas
  8. Dr. Satish Babu
  9. Dr. Ashok Jagalia
  10. Dr. Rajesh Ingle
  11. Mr MGPL Narayana
  12. Mr Jagdish Shinhare
  13. Mr J. Srinivas
1. The Chairman welcomed the members and highlighted the achievements of the year specially with respect to the Awards and Recognition given to IEEE Indian Members. He expressed his appreciation and congratulated all. He also congratulated all new eight Fellow grade members. Further he emphasized the need of action plan for the activities of the Council during next year which has been agreed by the present Council Members.
  2. The minutes of the EC meeting held on August 19<sup>th</sup> at San Francisco were discussed and approved. Prior to the present meeting, the minutes were circulated to all the EC members and no comments were received.
  3. Reports on activities carried out by different standing committees and society chapters were presented by the concerned chairs present. NDPL committee report is available on website. Professional Society activities are in progress on continuous basis. Membership strength has increased.
  4. IC Bylaws were discussed in light of the suggestions made by the members through email and approved with minor correction.
  5. Slate of India Council EC for 2012, submitted by the Chair, Nomination Committee was presented and approved.
  6. MV Chauhan contest could not be organized in 2011, due to unavoidable circumstances. Hence, it was resolved that the contest for 2011 and 2012 will be organized together next year, both for UG and PG students.
  7. Dr. Anthony Lobo has suggested to have teleconference meeting each month which has been agreed by the committee. Dr Anthony will be the coordinator for the same. Dr Anil from Hyderabad Section will be assisting Dr. Anthony for the same.
  8. Secretary presented his report for the activities held during 2011 which was appreciated by the members and approved to be presented during AGM. Accounts for the year (Jan 1, 2011 to December 17, 2011) were presented and approved.
  9. INDICON 2011 has been a great successful. The inauguration was made by the Hon Governor of Andhra Pradesh. Dr. F.C.Kohli was the guest of honour, while IEEE President 2012 and IEEE President 2013 and other dignitaries were on the dias. Heartiest congratulations to the organizers, specially to Mr MGPL Narayana, General Chair. Thankyou.
  10. A condolence meeting on the sad demise of Mrs R.K.Asthana was held. The EC will send a condolence message to Mr Asthana.
  11. The meeting ended with a vote of thanks to the chair.

(Dr. V.R.Singh)  
Secretary-cum-Treasurer  
IEEE India council  
Dec 21, 2011

## **IEEE INDIA COUNCIL BYLAWS**

(Adopted and Final)

These rules/bylaws may be called the rules and bylaws of IEEE India Council. In all instances, the *Institute of Electrical and Electronics Engineers (IEEE) Bylaws, Constitution, MGA Manual* and *IEEE Policy and Procedures* will prevail when there is a conflict between these documents and IEEE India Council Bylaws.

### **ARTICLE I - Name and Territory**

#### **Section 1**

This organization shall be known as the IEEE India Council.

#### **Section 2**

The territory of the IEEE India Council, as approved by MGA BOARD, includes the constituent Sections of IEEE in India in effect.

#### **Section 3**

The Council is formed pursuant to Section R-903 of the IEEE Bylaws and Section 9.3 of the MGA Operations Manual for the purpose of providing a centralized coordinating organization for all the Sections in India.

The Council is formed by agreement of the Sections and it is intended to act as a consortium of the Sections having the right to direct its operation. The IC shall act as the voice of the Sections at all IEEE Regional and Headquarter meetings/ events. **Accordingly IC shall invite the Sections** to take up joint all-India level activities, from time to time.

### **ARTICLE – II – Objects of IEEE India Council**

The primary objectives of the Council are to:

- Further take up the aims and objectives of the IEEE.

- Coordinate the inter-Sectional activities of the constituent Sections.

- Provide effective support to the constituent Sections.

- Promote countrywide IEEE activities.

- Assist with development of activities, especially the development of inter-Section and inter-Chapter tasks.

- Organize conferences and symposia, etc

- Coordinate with other activities related to students, GOLD, education, technical professionals and for WIE, particularly in remote areas.

- Operate/assist IEEE Chapters and Affinity Groups on a pan-India basis for the benefit of members in Sections.**

**Coordinate visits of DLs ( Distinguished Lecturers) at different Sections**

**Communicate about activities/ events through an Electronic Newsletter, or otherwise**

**Organize annual events like India Council Conferences, INDICON, Student Congress, and Student Paper Contest, etc. with each section, by rotation.**

**Participate in the meetings of Engineering Council of India, as IEEE-IC is the permanent member, along with a representative from an IEEE Section, by rotation in alphabetical order.**

**Coordinate visits of teams visiting India from IEEE HQ or Region(s) etc.**

**Coordinate with other professional societies in India like IETE, IE(I) and IEEE HQ to have proper valid MOUs for joint activities.**

### **ARTICLE III - Officers**

#### **Section 1**

The elected officers of the IEEE India Council shall be:

1. Chair,
2. Chair-Elect,
3. Secretary
4. Treasurer

#### **Section 2**

The term of the office of the elected officers shall be for one year extendable by one year more on the basis of recommendations by Nomination Committee.

#### **Section 3**

Term of office will begin on January 1 of the calendar year. Outgoing officers shall continue until their successors are duly elected and take office.

#### **Section 4**

Any vacancy occurring during the year shall be filled by a nominee who receives a majority vote of the Council Executive Committee (as defined in Article IV Section 1 of these bylaws). The term of any such officer so filled terminates at the end of the year .

#### **Section 5**

The duties of the elected officers are specified in Section 9.3-E of the IEEE Member and Geographic Activities Operations Manual – September 2010.



## **ARTICLE IV - Management**

### **Section 1**

The management of the India Council (as listed in Article I, Section 3) shall be by a Council Executive Committee, which shall consist of the elected officers (Article III, Section 1) as well as the following members:

1. Immediate Past Chair
2. Members – Representatives nominated by the Chairs of IEEE Sections
3. Chairs of IEEE Sections as Ex-Officio
- 4.** Chairs of Society Chapters under the India Council as Ex-Officio Members
5. Newsletter Editor as an invitee
6. Members at large as invitees
7. Ombudsman as an invitee
8. Webmaster as an invitee

The Members of the Executive Committee shall be nominated by Sections, each Section nominating one member. **The nomination committee will select adequate number of Vice Chairs from these nominations. In case of requirement not met by the Sections nominated members, the nomination committee may propose the name from members of the IEEE.**

There shall be at least two meetings of the IC Execom during a calendar year. At least one along side lines of IEEE Region 10 AGM / IEEE Sections Congress, where all Section Chairs are present.

### **Section 2**

A quorum for a meeting of the Council Executive Committee shall consist of a simple majority of the members of the Committee. A quorum shall be necessary for the Council Executive Committee to conduct the business of the Council. In absence of a quorum, the IC Execom shall be adjourned and resume with the members present ie no quorum shall be required for an adjourned meeting, which is adjourned for lack of quorum.

### **Section 3**

The Council Chair or, in the event of his/her unavailability, the Council Chair-Elect, shall be responsible for calling and/or chairing the Council Executive Committee meetings.

Minimum 10 days notice shall be given to members, before the date of meeting enclosing the agenda specifying the date, time, place and issued to be discussed.

### **Section 4**

The fiscal year of the Council shall be from 1<sup>st</sup> January to 31<sup>st</sup> December

## **Section 5**

Except where these Bylaws specify otherwise, issues shall be decided by majority vote of the Council Executive Committee.

The elected officers (as in Article III, Section 1), the immediate Past Chair and the Representatives of the constituent Sections (Article IV Section 1 item 1 and 2) shall be afforded one deliberative vote each and be the only members of the Council Executive Committee afforded deliberative votes. In the event of a tie of the deliberative vote, the Council Chair shall have a casting vote.

No other members of the Council Executive Committee shall be permitted to vote on Committee business.

## **ARTICLE V – Nomination and Election of Officers**

### **Section 1**

By September 15 of each year, the IC Chair shall direct the Nominations Committee (Chaired by one of the Past Council Chairs) to call for nominations from the Sections for the position of IC Chair-Elect, Secretary / Treasurer, Section Representatives and 2 Nominations Committee members. Such nominees should have been a member of IEEE for at least 10 years and should have held a volunteer position for at least 2 years. Past Section Chairs shall be preferred as candidates for the positions of IC Chair-Elect and Nominations Committee members.

The candidate(s) for the Secretary/Treasurer position should have held an office as a volunteer in a Section or should have been a member/invited member of the Executive Committee (Execom) of the Section for a period of at least 2 years.

### **Section 2**

Council Officers (as in Article III, Section 1) shall be elected by majority vote of the Electoral College consisting of elected officers (as in Article III, Section 1), duly designated Section representatives (Article IV Section 1 item 1 and 2). In the event of a tie of a vote, the Council Chair shall have a casting vote.

### **Section 3**

Where possible, the election for Council Officers shall take place after the constituent Sections have completed their election cycles.

### **Section 4**

The election outcome shall be communicated to IEEE Headquarters by the sitting Council Chair.

### **Section 5**

Candidates for the position of Council Chair-Elect shall be limited only to those members who are not members of Sections from which the then **incumbent and immediate past Council Chair** have been drawn.

## **Section 6**

Chair- Elect will automatically take over as incoming Chair from Next first January. Under no circumstances, elections will be held for Chair (No petition permitted) unless Chair-Elect refuse to take up the post of Council Chair. In that case Nomination Committee will proceed to elect the Chair as per the procedure. Nomination Committee Chair should ensure this from the Chair-Elect in writing before proceedings for the selection of IC Exec. Committee.

## **Section 7**

The term of the office of the elected officers and members shall be for one calendar year commencing on January 1. Outgoing officers shall continue until their successors are duly elected and have taken office. In the event of a delay in elections, the Chair will ensure to complete the election process within 90 days with the help of Nominations Committee. In any case, the Ex. Committee will not continue more than the extendable period.

## **Section 8**

The Nominations Committee shall announce the slate by September 30th and also call for Petition Candidates except for the post of Chair. In case of a petition, the Nominations Committee shall appoint (current Secretary/Treasurer) an election officer to conduct the elections and announce the result by November 30<sup>th</sup>.

## **ARTICLE VI – Operating Policies and Procedures**

### **Section 1**

Policies and Procedures shall be established as hereinafter set forth, for the purposes of administering the Council, and for aggregating significant Council decisions into a single document. The term “Policies and Procedures” as used in this document refers only to IEEE India Council Policies and Procedures.

### **Section 2**

Proposed changes to the Council's Policies and Procedures may be proposed as regular motions to the Council Executive Committee, in the manner defined in Article IV, Section 5 of these Bylaws.

## **ARTICLE VII – Council Finances**

### **Section 1**

The council shall be funded by agreement in the following manner:

Contribution from Section based on norms proposed by IEEE India Council and approved by member Sections.

From the Region as it would do for an Area Chair

By organizing IC annual conference in association with Sections by rotations

The IC Execom shall consider and approve the budget for the annual term by March 31 of each year. The Secretary / Treasurer shall spend money as per approved budget. Expenditure outside of the approved budget shall need the prior approval of the IC Execom.

## **Section 2**

All expenditures of Council funds must be approved by the Council Executive Committee. The Council Chair is permitted to spend minimum of the Council's funds on a discretionary basis in order to maintain normal operation of the Council. The amount allowed should not exceed Rs. 5,000/- per annum which shall be set forth in the Council's Policies and Procedures.

## **Section 3**

The Treasurer shall be authorized to draw funds as approved by the Council Executive Committee. There shall be two signatories for every cheque. All cheques should be signed by Treasurer compulsorily. The second signatory shall be the Chair or the Chair-Elect or another IC Execom Member, designated by the Chair, in consultation.

## **Section 4**

All IC funds should be maintained with a scheduled bank in India.

## **Section 5**

The Fiscal Year of the Council shall be the Calendar Year or as decided by the IC Execom to meet statutory requirements.

## **Section 6**

At the end of the Fiscal Year, the books of accounts shall be audited by an independent auditor.

# **ARTICLE VIII - Amendments**

## **Section 1**

Proposals for amendments to these Bylaws may be originated by a member of the IC Execom. Such proposed amendments shall be circulated to all members of the Council Executive Committee no less than 30 days prior to the taking of the vote.

## **Section 2**

The General Body shall have the powers to add, to amend or delete any of these bylaws, provided notice has been given at least 3 weeks prior to the meeting at which the amendment is being considered. However, no such amendment shall be made unless the meeting has the required quorum and the amendment gets the approval of at least two-thirds of the total number of members present at the meeting.





Re: IEEE Member Geographic Activities Achievement Award 2011 to Dr.P.Suresh Chander Pal (IEEE Madras Section)

Dear IEEE MGA Awards/Recognition Committee Members & Board Members,

:I am sending this mail to thank you for selecting me as the 2011 recipient of IEEE MGA Achievement Award. I know that it is an honor to be chosen as a recipient of this prestigious award. Your decision has encouraged me to work with more vigour and zeal for spreading IEEE awareness among the communities with whom we work here in my State(Tamil Nadu) and my country(India). I value this Award and it is truly inspiring and motivating.

I recall with gratitude that the IEEE leaders have been very supportive and during their visits to IEEE Madras Section and elsewhere, they have greeted me with their pats for excellence, for motivation/mentoring of colleagues/students for serving humanitarian needs through technology and working for spreading IEEE Mission.I am very thankful to Mr.Sampathkumar Veeraraghavan,who has nominated me and to Prof.Ramalatha Marimuthu and Prof.Vydeki Vijayakumar for endorsing my nomination, for the IEEE MGA 2011 Achievement Award.I am thankful for their appreciation,sincerity and hard work.

With IEEE's support and guidance, I shall continue in my endeavour to acquire more technological skills and talents socially,to serve the humanitarian needs. Combined with my academic achievements, I am hopeful to be able to give back more to the community.

Thank you again for honouring me with the Award..I look forward to the time that we come up with more of creativity and technological innovations with Achievements that will help humanity,atlarge.

Sincerely,

**Dr.P.Suresh Chander Pal** (SM 00207274).  
IEEE Madras Section.