



Message from Chairman



Dear Members,

Greetings from IEEE INDIA COUNCIL.

Recently we have come to know that IEEE Computer Society has signed a cooperative agreement with the Advanced Computing & Communications Society (ACCS), an organization for professionals in India, to share technical information and work together in a variety of ways.

Under the agreement, the ACCS will become a registered education provider for the IEEE Computer Society—which means it will offer the society's certification programs and other educational training products to its members. The Computer Society has two certification programs: Certified Software Development Associate for entry-level developers and Certified Software Development Professional for mid-level workers.

The agreement also gives the ACCS permission to distribute for free up to 24 articles from various IEEE Computer Society publications to its members.

The two societies will provide links to each other's websites on their home pages. And the ACCS says it will encourage its members to join the Computer Society.

In addition, the IEEE Computer Society has agreed to cosponsor the 2013 International Conference on Advanced Computing and Communications (ADCOM), the ACCS's biennial flagship event.

Many more such cooperative programmes will be coming? Are you ready for these?

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

IT in January 2012

Prof. S. Sadagopan



General

- ♦ Supreme Court cancels all 121 licenses issued by the former Telecom Minister Raja
- ♦ 5 MW Solar plant of Mahindra's is launched on January 9, 2012
- ♦ SOPA confusion leads to Wikipedia shutting down for a day on January 18, 2012
- ♦ Elections in Manipur, Punjab and Haryana in January; UP elections in February to follow; all results on March 6, 2012
- ♦ Padma awards announced on January 25, 2012
- ♦ Essar commission India's largest and the world's fourth largest flat steel plant in Hazira, Gujarat on January 26, 2012

Products

- ♦ Nokia Asha phones launched in India on Jan 13, 2012
- ♦ Bajaj launches 4-wheeler auto, hydrogen 3-wheeler on Jan 3, 2012

Markets

- ♦ Kodak files for bankruptcy on Jan 19, 2012
- ♦ TCS, Infosys, Wipro, HCL post good results
- ♦ Intel, Google, IBM, Microsoft post good results
- ♦ Apple posts record sales
- ♦ Sony posts record loss of \$ 2.9 billion

Education & Research

- ♦ Infosys prize distribution on Jan 9, 2011
- ♦ Indo French Mathematics in India unit announced in January; to start soon

People

- ♦ Thai PM visits India in January and was the Republic Day guest
- ♦ Dell Inc. founder Mike Dell visits India on January 9, 2012
- ♦ India-born Soumitra Dutta to head Johnson School in Cornell
- ♦ Yahoo Founder Jerry Yang quits Yahoo Board on January 18, 2012

**Dear young budding engineering and science students,
Warm Greetings from IEEE India to the AIYeHum2012 aspirants!**

Can you solve a humanitarian challenge using science and technology? And make your solution sustainable and scalable? If yes, your project can be funded and mentored by IEEE. The most innovative idea may be funded to get patented!

IEEE AIYEHUM in collaboration with IEEE EPICS is inviting innovative ideas from young engineers to apply science and technology for the benefit of mankind with lot of focus on practical/on the ground implementations. The projects are expected to be taken out of your lab to reach the targeted beneficiaries. It is expected that project teams propose to involve specific NGO's as partners in their effort who could act as customers or consumers for the technology / product built by the team. If the project team has not established contact with the specified NGO's, they can do it during their participation and/or IEEE team could help in that effort.

Website: www.humanitarian.org.in

Project funding: 2 categories

- 1) In collaboration with IEEE Engineering Projects in Community service, AIYEHUM is able to support projects with higher budget requirements to the tune of INR 50000 – INR 75000. More details about IEEE EPICS can be found in this link. Such projects are expected to have strong practical application and collaboration with a Non-Governmental Organization for implementation of technology / product developed
- 2) Prototype development and concept n feasibility demonstration type projects will be funded upto INR 10000. More details on www.humanitarian.org.in website.

Mentoring and training

- 1) The project teams will receive focused online training from the Purdue University, USA on the concepts of Service Learning and Applying technology for Humanitarian causes
- 2) IEEE will help connecting the teams with a suitable mentor from the Industry or Academia

Scope:

All Science and Technology students of India (Graduate and Undergraduate students, Need not be IEEE members to apply)

Deadline: for project proposal submission: 15th March 2012

Program organizers and Sponsors: IEEE Bangalore Section and IEEE EPICS (Engineering Projects into Community Service)

Thanking you,

Ramakrishna Kappagantu,

www.kramakrishna.com

Chairman, IEEE AIYeHum 2012

IEEE Bangalore Section

TECH FILM 2012

Report by:

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Compiled by:

Apoorva P Naidu

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IEEE Student Branch of Jeppiaar Engineering College organized a tech film on 27th Jan 2012 with a view to inculcate technical know-how among its student members. Mr. Sase Kumar vice chair of SB welcomed the gathering. The themes such as i-phone5, roll top, computer pens, and transparent smart window were illustrated by Mr. Krishna and Mr. Sanjay (EIE). The manufacturing section of Mercedes Benz was extraordinarily explained by Mr. Sam Sanders and Mr. Santhosh (EIE). Eye fi's features was handled by Ms. Madhu Bala and Ms. Sri Lakshmi (CSE). The participants explained the concepts to the extent. Mr. Vijayraghavan (EEE) highlighted the event with his video presentation on Eurofighter typhoon.

After the tech film session Mr. Manoj Reddy, Student Branch Chairman gestured about TAP-4 (Technical Awareness Program) regarding its idea and motivation thereby encouraging the students to participate in it. A sample presentation on TAP-4 was given by Mr. Sase Kumar.

The entire session pulled the audience into a rapt attention.

Following the discussion, an execom meet was held in order to prepare a calendar of events. Mr. Anand Student Branch Chair, 2011 guided the new execom to implement their strategies.

First IEEE India Council Executive Committee Meeting-2012 on March 4, 2012 at 0700 hrs at Hotel Swissotel, Kolkatta.

V.R. Singh

Secretary-cum-Treasurer

email: vsingh@ieee.org

Dear EEC Members, Section Chairs, Chapter Chairs and Other R10 Meet Participants from India,
The First Meeting of 2012 IEEE India Council Executive Committee will be held on March 4, 2012 at Hotel Swissotel, Kolkata, Hall Bern (Address: City Center New Town, Action Area 2, D. Plot No 11/5, New Town, Rajarhat, Kolkata, India) in conjunction with IEEE R10 Meet.

The meeting will start sharply at 0700 hrs and end by 0815 hrs. The time is limited because the R10 meeting will be starting sharply at 0830 hrs. The informal discussion about any other issue of the IEEE India Council activities may be held among the members while being at R10 Meet there.

You are cordially invited to attend IEEE India Council Executive Committee Meeting as per the above schedule.

Please note that IEEE IC has no control over the venue, hotel accommodation and refreshments. You may make your own arrangement for accommodation and transport, etc.

Please inform your colleagues who are attending the R10 meet from India for attending the IC- EC meeting.

TA/DA has to be arranged from your own section, in case you are not supported by R10.

With regards,

Agenda:

1. Welcome by Chair
2. Approval of Minutes of EC meeting held at Hyderabad (Dec 17, 2011).
3. Reporting of activities and proposal for future events and budget details: by Chapter Chairs and Chairs of Standing

TRIVIA TIME

QUIZ SHOW

Report by:

Apoorva P Naidu

Membership No: 90709608

e-mail:apoorva_7191@hotmail.com



IEEE student Branch of Jeppiaar Engineering College organised a quiz contest “TRIVIA TIME” on 5th January 2012 for the 2nd year students.

It comprised of 3 rounds. The students were made to sit in teams of four. The first being the written test wherein the students had to answer from various areas. The second round was oral where the qualified teams answered questions from the set they chose. Each set consisted of topics such as entertainment, technology, sports and more. Each topic had 2 questions in it. The third round was the “scenario”. Here the participants had to speak on any problem statement. The winners were awarded. This was the premier event for 2012. After the quiz the volunteers conducted fun activities and distributed gifts to the participants.

The feedbacks from the audience were encouraging and helped the team to develop themselves for the upcoming events.

We would like to express our gratitude to our Branch counsellor, Mr. S Sellakumar and the volunteers who have contributed to make the success of this event.

IEEE International Conference on Technology Enhanced Education (ICTEE)

January 3-5, 2012

The dawn of the new year saw the Amrita University, Amritapuri Campus host the IEEE International Conference on Technology Enhanced Education focusing on educational technology for societal benefit.

The conference convened during January 3-5, 2012, in collaboration with IEEE's Education Society, IEEE's India Council and IEEE Kerala Section also saw collaboration from the International Association of Journals and Conferences, a global consortium working for advancement of education through technology.



Among the numerous academicians who participated in the conference were those representing the best universities internationally including IIT Delhi, IIT Hyderabad, IIT Kharagpur, IIT Guwahati, CDAC Pune, CBSE, MIT, Carnegie Mellon, University of California at Berkeley, Athabasca University, University of New Mexico, University of Michigan etc.

At the inaugural session, Nobel Laureate Prof. Muhammad Yunus, called for technologists to refashion the educational system so that it helps unleash the creativity in the young. "This is not just another university, but a very high-quality, world-class university...focusing on technology and research, dealing with very concrete issues which have immediate applications." — remarked Prof. Yunus.

The inaugural session was followed by several keynote and invited talks.

Notable among the keynote talks were those by Daniel E. Hastings, Dean, Undergraduate Education from MIT who spoke of the potential of online education to offer high quality education to a large number of people at a low cost and Larry Johnson, CEO, New Media Consortium, USA who pointed out that during the past few years, people have been expecting more and more to be able to work, learn and study whenever they want to and from wherever they are. Prof. Shevgoankar, Director, IIT, Delhi; Prof Uday Desai, Director, IIT, Hyderabad; Prof Rajat Moona, Director General, CDAC; Shri Vineet Joshi, Chairman, CBSE and Prof Vasudha Kamat, Vice Chancellor, SNDT Women's University delivered keynote talks.

Hands on workshops were conducted for Vocational Education using Haptics, A-View, Virtual Labs and School Education, showcasing significant ICT initiatives at Amrita University.

Leading the panel discussion on Transforming Education through Technology Enabled Open Education, Prof. Vijay Kumar, Senior Associate Dean, MIT focused on how technology could bring education to the poorest of the poor.

The PhD Forum, led by Charles Fleddermann, Editor-in-Chief, IEEE Transactions on Education, focused on publishing quality papers in educational research, methods and technology in peer-reviewed international journals.

In parallel sessions for research paper presentations, 49 papers were presented from the 408 submitted by scholars from universities in India, China, Japan, Europe, US, Australia, Malaysia, Brazil, Africa and the Middle Eastern countries. These papers will be indexed by the IEEE Xplore digital library.

Poster presentations by 67 scholars and exhibition booths of industry partners including Microsoft, Intel, Pearson, Oracle, Adobe and Telerad were among other conference highlights.

Several participants commented that meeting Chancellor Amma was the highlight of the three-day conference. Echoing sentiments expressed by many, Andrew Muyanja from Makerere University, Kampala (Uganda), added that he was touched by the selflessness and the spirit of service of the staff and students at Amrita University.

The Amrita fraternity, meanwhile, was equally touched by participation in and the outcomes of this conference. Our humble pranams to each and everyone of the participants who made this conference a memorable one.

IEEE TRANSACTIONS ON NANOTECHNOLOGY

A PUBLICATION OF THE IEEE NANOTECHNOLOGY COUNCIL

The *IEEE Transactions on Nanotechnology (TNANO)* publishes novel and important results in science and engineering at the nanoscale. It focuses on nanoscale devices, materials, systems, and applications, and on their underlying science. It is an interdisciplinary journal that covers all areas of nanotechnology. The hardcopy version is published bi-monthly, but accepted papers are published on the web as soon as they are submitted in final form.

TNANO publishes Research Letters, Regular Papers, and Correspondence Items. Research Letters must not exceed three printed pages. They are subject to the same thorough review process as Regular Papers, but receive priority treatment. A Research Letter that is accepted without major revisions is expected to be published on the web within 4 to 6 weeks of its initial submission.

Areas covered by TNANO include, but are not limited to:

- ♦ Nano and Molecular Electronics
- ♦ Nanomagnetism and Spintronics
- ♦ Nano-Optics, Nano-Optoelectronics and Nanophotonics
- ♦ Nanosensors and Nanoactuators
- ♦ Circuits and Architectures
- ♦ Nanomechanics and Nanoelectromechanical Systems
- ♦ Nanorobotics and Nanoassembly
- ♦ Nanobiotechnology and Nanomedicine
- ♦ Nanofabrication and Nanolithography
- ♦ Nanometrology and Characterization
- ♦ Computational Nanotechnology

The IEEE Transactions on Nanotechnology is actively soliciting paper submissions. To submit your manuscript to TNANO, please visit <http://mc.manuscriptcentral.com/tnano>.

For further information on TNANO you may visit us at <http://tnano.org/>.



WIECON'12

5th-7th MARCH, 2012



SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN , BHIMAVARAM 534202,

West Godavari Dst., Andhra Pradesh, INDIA.

CONFERENCE SPEAKERS:

Dr. Peter Staecker	President elect. (2012)
Takako Hashimoto	WIE R10 Coordinator
Dr. Lawrence Wong	R10 Director
Dr. Toshio Fukuda	R10 Director elect
Dr. Ramalatha	International Chair, IEEE WIE
Sri MGPL Narayana	Chair, IEEE HydSection 2011
Dr. Atul Negi	Chair, IEEE Hyd Section 2012
Mrs. Y. Vijaya Lata	Chair, IEEE WIE, Hyderabad
Dr. Deepa Shenoy	Chair, IEEE WIE, Bangalore

EVENTS:

PAINTING

THEME : Master creations inspired by women



SHORT-FILM -MAKING:

THEME : Healthy mother makes a healthy nation.

LENGTH : 8 minutes (max)

TEAM SIZE : Four



PAPER-CUT-ART

THEME : Wonders of the world.

TEAM SIZE : Two



POSTER PRESENTATION

THEME : Aptitudes, Attitudes and Altitudes: A call for change.

POSTER SIZE : 2x3 sq. ft.

TEAM SIZE : Two



REGISTRATION FEE DETAILS:

Category	Professionals	Students
IEEE -WIE Member	Rs. 1000/-	Rs. 750/-
IEEE Member	Rs. 1250/-	Rs. 750/-
Non-IEEE Member	Rs. 1500/-	Rs. 1000/-
International participants	\$100	\$100

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NOTE : Once registered in WIECON'12, candidates can participate in all the events

Registration is open until 15th February, 2012
(But may close early depending on the early registration
For more details please visit : www.svecw.edu.in