

Chairman's Message

Dr. T. Thyagarajan
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Esteemed Members,



This is the season for renewing our IEEE membership. In this connection I would like to bring to your kind notice that there are 38 societies in IEEE. You are aware that, one can enroll as member of these societies by paying nominal membership fee along with our IEEE membership fee. For your quick reference I am listing the names of these societies of IEEE. For

more details pl. visit <http://www.ieee.org/societies>

1. Aerospace & Electronics systems
2. Antennas & Propagation
3. Broadcast Tech
4. Circuits & Systems
5. Communications
6. Components Packaging and Manufacturing Technology
7. Computational Intelligence
8. Computer society
9. Consumer Electronics
10. Control Systems
11. Dielectrics and Electrical Insulation
12. Education
13. Electromagnetic Compatibility
14. Electron Devices
15. Engineering in Medicine & Biology
16. Geosciences & Remote Sensing
17. Industrial Electronics
18. Industry Applications
19. Information Theory
20. Instrumentation & Measurement.
21. Intelligent Transportation systems
22. Magnetism
23. Microwave Theory and Techniques
24. Nuclear and Plasma Sciences
25. Oceanic Engineering
26. Photonics
27. Power Electronics
28. Power & Energy
29. Product Safety Engineering
30. Professional Communication

From The Editor's Desk

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Dear Friends,

Our Section Chairman, in his monthly message has reminded the members on renewing the membership and has also suggested to get affiliated to few technical societies of IEEE for professional benefits. We would like to add that a combined membership in IEEE & IEEE CS with access to Computer Society Digital library is available at a concessional rate of USD 40/= for the students. SB counselors may pl. advice the students to take advantage of this offer.

As stated in the last issue, we are facing severe space constraints and unable to publish all the reports received from SBs. As a stop gap measure, similar to pre-prints, those reports which could not be accommodated in the current issue are hosted at the website <http://goo.gl/hf7Sv> till they get published in print – which may happen in Dec 2011.

In this issue, we have published the reports on events organized by the SBs of the following institutions — ranging from guest lectures, seminars, workshops, symposiums, paper presentations, etc.,;

VIT Univ. PES Chapter – 3 events; Easwari Engineering College – 6 events; EGS Pillay Engineering College – 2 events; Periyar Maniammai Univ – 5 events; Vivekanandha Engineering College for Women; Hindustan Institute of Technology & Science; Mepco Schlenk Engineering College – 8 events; Amrita School of Engineering – 3 events; SRM Univ. COMSOC Chapter – 2 events; Jayaram College of Engineering; SKP engineering College.

The other items published include: reports on IEEE COMSOC lecture by the President Elect; FDP on Intelligent Computing to Clean Energy; IEEE SB Officer Training Workshop, an interesting article on Novel Sources for Energy Harvesting and a list of student projects funded by the Section.

IEEE CS is happy to announce the financial support to Rajalakshmi Engg College and AVIT for organizing the conferences.

We are happy to inform that the IEEE CS & PCS supported free in-house orientation programme on “Employability & Soft Skills” was held in six institutions (Akshaya, Amrita, Kongu, Jayaram, Imayam & EGS Pillay) during the 1st week of Nov. Since many institutions could not host this programme due to the exams in Nov, we are planning to host them in Dec and Jan. In this context, we request the SB Councilors to see the announcement published in page 12 and send their registrations to host, at the earliest to plan the schedules.

Attention of SB volunteers are drawn to an important announcement (box item in page 12) regarding fraudulent email communication on inspecting SBs. Pl. get in touch with the Section office in this regard.

We are still getting some reports for publishing without adhering to the guidelines, Pl. cooperate with us by sending the matter as per guidelines available at <http://goo.gl/8KFdM>

contd..... page 2

Activities at VIT University

“Credit Punch”



The event “Credit Punch” was conducted by IEEE-PES on the 16th Sep 2011 with the aim of spreading awareness and responsibility for the environment in a fun and interactive way. In the Round 1, simple environment related topics such as industrial pollution, global warming: fact or myth etc was given for discussion to 19 teams participated. The teams in groups of 5 or 6 evaluated by judges (Ms. Devi Meenakshi and Mr. Lakshmidhar Dwivedi staff members of the SSL School in VIT) in GD of ten minutes based on their body language, relevance to topic, vocabulary used and the extent of participation. 8 teams were short listed for the final round which was an interactive board game. The teams were made to clean virtually polluted plots with the virtual currency they were provided with initially. Based on the extent of the clean-up operation, they were awarded credits and allowed to buy the plots. There were toxic zones which penalized the teams by suspending them for 2 turns unless they paid a fine of 500 and sacrificed 2 credits. The participants enjoyed themselves thoroughly plotting and planning how to maximize their profits and at the same time not compromise with the environment. It was a good example of sustainable development and of us taking collective responsibility to make sure our environment is clean. The cash reserves of the participants were converted into credits and the participating team with the maximum number of credits was declared as the winner. Subash and Arvind from Maharaja

College were the 2nd runners up team, the team of Shasmira and Elroy from Manipal University was the 1st runners up and Aravindh Ravi and Vindhya from VIT Vellore were the winners. The event managed to spread awareness on the responsibility and duty we have to the environment which was the main theme of gravitas 2011.

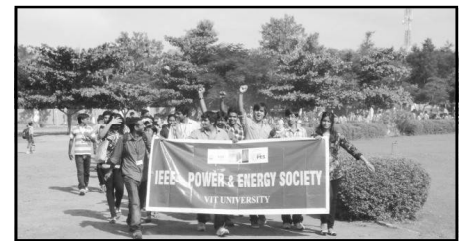
Green Megawatt



“Green Megawatt” organized by IEEE-PES was an event where participants had to optimize the renewable energy resources and the components involved in the process of producing the green energy. The event started with the demo session (which was an optional choice) where participants got to know how to give the connections and assembly of a hybrid renewable power plant. The judges for the event were Prof Palani Swami (SELECT) and Dr Ramesh V (SELECT). Soon after the demo session the participants were allowed to start the event where they had to purchase the dummy equipment through the initial virtual money given to them. The PES store had equipment made of thermocol such as wind turbines, solar panels, control boxes, transformers, gear boxes, generators and transmission wires. The participants had bought from the store and connected on the base sheet given to them. The connections were verified by the judges and participants were asked to explain their model and it’s working. The volunteers of the event were present to

clear all the technical and non technical doubts of the participants. The 1st round was of 1.5 hours and the volunteers have evaluated on the basis of the judgment criterion and selected the best eight models for the 2nd round. In the 2nd round, the best eight teams were chosen to model a 3MW power plant by avoiding the deforestation and a preparing a perfect space usage in the arena. Discounts were also announced at every stage based on the product availability in the store. Some random questions were asked by the judges to the participants and the bonus points were given to the team which has answered correctly. It was an enthralling experience for both participants and coordinators. The participants were enthralled to learn a lot of information on the renewable hybrid plants and optimization by the semi practical approach.

STAWP Event



IEEE PES, VIT University has initiated the STAWP for creating the awareness about the energy scenario and explaining the importance of conservation at the Shristi School on 15th Oct 2011. The events included: debate, quiz, poster making and essay writing. Debates were on topics such as Cutting trees, Measures to save energy, Alternatives to polybags, Building dams over rivers, Exploitation of Antarctica, Having malls outside the city limits, Global warming, Violation of pollution norms, Deforestation. The essay competition topics were: Solar energy boon for India; Nuclear energy-boon or bane?; Power of natural resources; and Energy conservation and wastage. The topic for poster preparation was “Save environment”. During the prize distribution ceremony, in an interactive session, students were asked questions — technical as well as non-technical for which great responses were received. The principal of the school thanked the team for the effort. The programme ended with a march – a wonderful sight to see all the students marching in the grounds screaming “save energy”.

Chairman’s Message continued....

31. Reliability
32. Robotics & Automation
33. Signal Processing
34. Society on Social Implications of Technology
35. Solid State Circuits
36. Systems Man and Cybernetics
37. Ultrasonic Ferroelectrics and Frequency control

38. Vehicular Technology

I am sure the above details will be of some use to you to select the society of your interest and enjoy the unique benefits such as: affiliating with a prestigious professional society, accessing the technical information, opportunity to publish and participate in conferences at reduced rates, networking with peers and hence advancing professionally.

**Affectionate office bearer
Dr. T. Thyagarajan**

*Report by: Saket Bhattad,
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Lecture on “Green Cellular Networks” by President Elect of IEEE COMSOC



IEEE Communications Society, IEEE Madras Section and IEEE Microwave Theory and Techniques Society Madras Chapter organized a Lecture on “Green Cellular Networks: A survey, some Research issues and Challenges” on 1st Nov, 2011 at Center for Industrial Consultancy and Sponsored Research (ICSR), IIT Madras. The lecture was delivered by Dr Vijay Bhargava, Professor in the Department of Electrical and Computer Engineering at the University of British Columbia in Vancouver, Canada. Prof Vijay Bhargava is a past President IEEE Information

Theory Society and is the President Elect of the IEEE Communications Society.

In his lecture Prof. Vijay Bhargava presented techniques to enable green communications in future generation of wireless systems that will rely on cooperation and cognition to meet increasing demand of high data rate. So far, achieving high data rate has been the primary focus of research in cooperative and CR systems, without much consideration of energy efficiency. However, many of these techniques significantly increase system complexity and energy consumption. Escalating energy costs and environmental concerns have already created an urgent need for more energy-efficient “green” wireless communications. He stressed on the need to design energy-efficient solutions for cooperative and cognitive networks, which will potentially drive the future generation of wireless communication. He also focused on several important topics

that are crucial towards reducing the energy consumption of the cognitive and cooperative networks. The topics included efficient base station redesign, heterogeneous network deployment, green communications via cognitive radio, cooperative relays to deliver green communications, and energy efficient cognitive cooperative networks.

The Lecture was well attended by about 100 participants. Dr. Bhaskar Ramamurthi, Director, IIT Madras, Dr. Ashok Jhunjhunwala and Dr. Srikrishna Bhashyam, Dept. of Electrical Engineering were also present. Dr. N. R. Alamelu, Chairperson IEEE Comsoc welcomed the gathering. Dr. David Koilpillai, Professor, Dept. of Electrical Engineering, IIT, introduced the speaker Dr. Vijay Kishore Bhargava, to the audience. Dr. S. Salivahanan, Chair, IEEE MTT Society presented the memento to the speaker.

Report by: P Subramanian, Secretary, IEEE COMSOC Madras Chapter

Faculty Development Programme on “Intelligent Computing to Clean Energy”



The IEEE Madras Section in association with the Dept. of Electrical and Electronics Engineering, Jeppiaar Engineering College, Chennai organized a Faculty Development Programme (FDP) on the topic “Intelligent Computing to Clean Energy” on 7th and 8th Oct 2011. This was the 18th FDP in a series of programs aimed at improving the quality of teaching in Engineering Colleges in Tamilnadu.

The programme was attended by 36 faculty members of colleges and universities from all over Tamilnadu. The coordinators of the program were Dr.N.Kumarappan, Professor, Annamalai University and IEEE Madras Section Educational Activity Chair, Excom Member and Er. S. Sellakumar, Assistant

Professor of EEE, Jeppiaar Engineering College, Chennai.

The programme was started with an inaugural function. Dr. P. V. Vaidyanathan Chancellor, SCSVMV University and former Vice Chancellor, Annamalai University delivered the inaugural address. Major V. V. Chandrasekar, Treasurer, IEEE Madras Section presided over the function in the presence of Dr. Sushil Lal Das, Principal, Jeppiaar Engineering College, Chennai.

The resource persons for the program were Dr. N. Kumarappan, Annamalai University, Dr. S. Gomathi Nayagam, Executive Director, Center for Wind Energy Technology, Chennai, Dr. C. Christober Asir Rajan, Pondicherry Engg.

College, Dr. K. Palanivel, Anna University, Chennai, Dr. C. Sharmeela, A.C. Tech. Campus, Anna University, Chennai and Dr. G. Saravanakumar, IIT Madras, Chennai.

The topics covered include: Computational intelligence in utilization of clean and renewable energy resources, including fuel cell, hydrogen, solar and wind power, marine and biomass; Intelligent computing and control in distributed power generation systems; Intelligent modeling, control and supervision for energy saving and pollution reduction; Intelligent water treatment and waste management technologies; Intelligent load management and electricity marketing strategies; Intelligent methods in developing vehicles, engines and equipments; Intelligent modeling, simulation and control of power networks; and Intelligent methods in power and energy infrastructure development.

The program ended with a valedictory function. Dr. T. Thyagarajan, Chairman IEEE Madras Section delivered the valedictory address and Major V. V. Chandrasekar, Treasurer, IEEE Madras Section presided over the function.

The program received an excellent feedback from all the participants. The FDP provided an excellent opportunity to listen to the experts and also to discuss various intelligent computing to clean energy issues.

Report by: Dr. N. Kumarappan, kumarappan_n@hotmail.com

Activities at Easwari Engineering College

VCaN-2011

A National Conference on VLSI Communication and Engineering – VCaN-2011 was held on 25th Mar 2011. The convener and HoD/ECE Dr. Saraswathy Janaki welcomed the gathering. The overview of the conference was provided by the co-coordinator Mrs. S. Murugappriya, Asst. Prof/ECE. Dr. Abdul Ghani, Principal delivered the presidential address and Vice Principal Dr. K. Kathiravan felicitated the function. Dr. A. S. V. Sarma, Scientist G& Scientist-in-Charge, CEERI, Chennai inaugurated the conf. and delivered the keynote address on communication and varied field. Papers were presented in three sessions as under.

- 12 papers were presented in the session on Communication and Networking which was chaired by Dr. Kathiravan and Ms. Uma Maheswari, AP/ECE/MIT, Chennai.
- In the session on Image Processing, 11 papers were presented and it was chaired by Dr. Ebenezer, Prof/ECE/RMK Engg.College.
- The VLSI session was chaired by Dr.Sangeetha, Prof/Head/ECE, Karpaga Vinayaka College of Engineering and Dr. K. S. Srinivasan, Prof/ECE, Easwari Engineering College had 10 papers.

Inauguration of Activities for the year 2011-2012



The inaugural function for the chapter for the year 2011-12 was held on 9th Aug 2011. Mr. Raghuram Krishnan, Chief Executive, KRIOS Technologies graced the occasion as the chief guest and inaugurated the chapter activities in the presence of HOD/ECE, Mrs. Saraswathy Janaki and the student branch councillor. IEEE coordinator Mrs. Meenakshi Vidhya, introduced the office bearers for the new academic year. The annual report for the year 2010-11 was presented and the activity plan

for 2011-12 was proposed by the president of the branch. This inaugural function also provided an introduction to IEEE to many new students.

Guest Lecture on Globalisation of Engineering



A guest lecture by Mr. S. K. Ramesh, Dean, College of Engineering and Computer Science, California State University on “Perspective on the Globalization of Engineering” was organised on 13th Aug, 2011. Today industry is deeply dependent on sophisticated logistics and global supply chain management in an integrated global economy The lecture provided answers to questions such as:

- How will engineers and engineering careers change in the future?
- What are the new and different opportunities that this phenomenon presents for various disciplines in our profession?
- How can we make computer science & engineering programmes more outward

focussed and outward oriented entrepreneurial engines of innovation?

The lecture was followed by an interactive question answer session wherein the students enthusiastically participated and came out with many of the same.

Project Contest

ELEXPO’11 the IEEE Joint committee on the curriculum encouraged the students to

participate in the Project Competition held on 13th Aug 2011 to share their ideas on different aspects in electronics with the world. 16 teams of three members each participated. A panel of judges evaluated the teams & projects based on criteria of their thorough process, knowledge gained and their confidence on their project. This event offered a platform to interact with others and present their ideas. The project “RF Controlled Device” by Shankararthik, K. Ramkumar & Velayudham of III Yr ECE was judged at the 1st place and the project on “Home Security System” by Arun, Infant Ignatius of IV Yr ECE stood in the 2nd place.

Visit to “CSI School for Deaf”



Nearly 28 members from Easwari Engineering College IEEE student branch made a visit to “CSI School for Deaf” on 7th Sep 2011. The principal of the school informed us on how these children are being trained and motivated. Our members interacted with students who are in 1st to 12th standard. The formal proceedings started with a presentation on “Inspiring and Motivating Deaf Youth for their Career” for the students of class 6 to 9. Various competitions such as Drawing (Nature, gardens, animals in forests and festivals & Population explosion, traffic rules, Landscapes and cartoon characters), Fancy dress, Project display, Visual speech and relay were conducted for two students under diff. categories – 1st – 5th Std and 6th – 9th Std. In the visual speech, famous personalities from diff fields were shown and students had to identify them. It was really amazing to see the enthusiastic performance by the kids. The winners in each category were given prizes as a token of appreciation and motivation. Sweets were also distributed to all the students before the members bid farewell to them.

Workshop on Drupal



A workshop on Drupal was organised on 21st Oct 2011 in association with IEEE GOLD (Graduates of Last Decade) Affinity Group, Madras Section and the Chennai Drupal Developer Community. About 50 students from various colleges like Jeppiar, Crescent, Sree Muthukumaran, Prathyusha, SSN. The resource persons for this programme, to impart the precious knowledge on the open source CMS tool to all the participants were Mrs Shyamala Rajaram, Mr. Karthik and Mr. Udhay from Unimity Solutions — active enthusiasts of the Chennai Drupal Developer Community. Amidst us, were the Vice principal of Easwari Engineering College, Dr. Kathiravan, HOD/ECE,

Mrs. Saraswathy Janaki and IEEE staff coordinator, Mrs. Meenakshi Vidhya, Mr. Barnabas of IEEE GOLD AG, participated in the event and discussed on collaborating with the Chennai Drupal Developer Community to foster the Open Source Technology among the interested student and GOLD members. The programme started with a presentation on introduction to Drupal and it gave the students an idea of what Drupal is all about. Drupal is a free and open-source Content Management System (CMS) and Content Management Framework (CMF) written in PHP and distributed under the GNU. Later, the hands-on experience on Drupal was given and the

students were given an opportunity to create their own modules and web pages. The students were also made aware of the new IEEE Madras Section website <http://ewh.ieee.org/r10/madras/> which was built with Drupal. The event came to an end with an announcement about the Drupal Camp Deccan to be held at Hyderabad on 11th November, 2011, where Dries Buytaert – the father of Drupal is participating. For more information on the event, please check the following link - <http://groups.drupal.org/node/182784>

Report by P. Meenakshi Vidhya & S. V. Charanya, charanyasv.91@gmail.com

IEEE 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 Oct, 2011 at SRM University, Kattankulathur. The main motive of the workshop was to train the IEEE Student Branch Office Bearers and other volunteers of various IEEE Student Branches in the city of Chennai, under the IEEE Madras Section of the duties and tactical skills an IEEE SB Office Bearer must possess in order to run the IEEE Student Branch in an efficient manner which in turn benefits all the students of that college not only technically, but also in humanitarian aspects. The workshop commenced with the participating IEEE Student Branch Officers taking a pledge of the IEEE Code of Ethics followed by the welcome address by Mr. S Vidyasagar, Branch Counselor, IEEE SRM Student Branch. The Presidential address was delivered by Dr. T Thyagarajan, Chairman IEEE Madras Section. He presented on “What IEEE Membership means to you” covering various benefits of being an IEEE Member.

Major V V Chandrasekharan, Treasurer & SAC IEEE Madras Section, then spoke on the importance of having an IEEE Student Branch, guidelines to form new SBs. He briefed on tasks and duties of various Student Branch

Officers stating the importance of reporting, fund-raising, networking, etc. Following this, Dr. Mini S Thomas, Vice Chair IEEE MGA Membership Development, in her presentation on “IEEE Member Benefits: Student Membership and Beyond” covered the benefits that an IEEE Student Member enjoys like the IEEE Spectrum and IEEE Potentials being included with the basic membership, discounted products and services, IEEE MDL, IEEE Student Job Site, Microsoft Software for Students, Scholarships to name a few. She then briefed about the Life Cycle Grid of an IEEE Membership as a table of benefits that an IEEE Member in any of the career phases such as the Undergraduate Students, Graduate Students, Young Professionals, Practitioners, Life members, etc. versus the various products and services. She specifically emphasized on the benefits for students in six key areas viz., Being technically updated, Discounts, Professional networking, Career development, Contests and challenges and humanitarian activities. She also mentioned the various tools available for the IEEE Student Members and volunteers such as the myIEEE, IEEE.tv, SAMIEEE, etc.

The post lunch session comprised of a group activity presided over by Mr. Arjun R Pillai, IEEE R10 GINI team member assisted

by Mr. Barnabas Muthu, IEEE Madras Section GINI representative. The activity focused on forming multiple teams with SB officers from different Student Branches and assigning them a case study problem related to main issues that an SB might face like Event planning, Fund raising, Membership retention & increase and Election of the new Office Bearers. The participants were divided into four teams and each team was given each case study. The teams had to identify the root cause of the issue and draft a remedy to the problem statement. The presented solutions were reviewed by Mr. Arjun and Mr. Barnabas and alternative better solutions wherever required were suggested. Following the Group Activity, Mr. Arjun introduced the concept of Global Integrated Network of IEEE Students (GINI) to the participants starting with the common myths and misconceptions related to GINI, followed by the importance of networking and how GINI acts as a common platform for various SBs to come together to work towards the mission and vision of the IEEE. He had mentioned the goals of the GINI and briefed on what GINI is doing help the IEEE serve the student community better. He also stated the major achievements of R10 GINI since its inception in 2008 comparing the membership sustainability rate of the sections with an active GINI body with those without a GINI body and concluding that the GINI has indeed played a very pivotal role in the membership sustainability and increase.

The workshop saw participation from Seven SBs in and around the city of Chennai. The participating Student Branches were Sri Muthukumaran Institute of Technology, Jeppiar College of Engineering and Technology, SSN College of Engineering, Asan Memorial College of Engineering and Technology, SRM Easwari College of Engineering, Sri Venkateswara College of Engineering and SRM University, Kattankulathur.

Activities at E G S Pillay Engineering College

Seminar

In a one day seminar on 10th Sep 2011, Er. N. Gopalan, Product Manager, Prolific System and Technologies Pvt. Ltd delivered a lecture on PLC, SCADA and DCS and Er. S. Arul Raj, Plant Manager, Reliance Communication Ltd, Chennai delivered a lecturer on UPS and Battery. Dr. S. Ramabalan, Principal and IEEE Mentor, Prof. V. Mohan, HOD and Prof G. Giftson Samuel IEEE Student Branch Counselor participated in the inaugural function. The seminar ended with the valedictory address by Prof K. Krishnaram, Asst Prof / EEE.

YODHAZ'11 – Symposium

A two days National Symposium was held on 16th and 17th Sep 2011. Dr. Devasagaya Emile, Retired Scientist, ISRO was the chief guest and Dr. M. Joseph, Principal, Mother Teresa College of Engineering and Technology was the special guest at the symposium. Prof. M. Chinnadurai, HOD/CSE welcomed the gathering and presented the annual report. The chief guest and special guest addressed the gathering and released the newsletter CD which was received by the Secretary Shri S. Paramesvaran. Out of 50 papers received, 20

were selected for presentation. Technical Quiz, Debugging and Multimedia contests were also conducted to bring out the potential of the students. In the valedictory function Prof. Dr. J. E. L. Piriya Kumar, Director/MCA distributed the certificates to the participants and the prizes to the winners in various competitions.

Employability and Soft Skills Orientation Programme



An orientation programme supported by the Madras Chapter of the IEEE Computer Society, IEEE Professional Communication Society and Computer Society of India Chennai Chapter was held on 2nd Nov 2011. Dr. Vishal Talwar, Prof., London School of Economics,

UK and Mr. Sahoo, CEO, VictoryMind Educare Services, Madras were the resource persons. They delivered the talks highlighting on the skills for employment and presentation skills. This programme was timely for the benefit of students to enhance their employability. Mr. R. K. Dinesh Kumar, chairman of IEEE SB welcomed the gathering. Mr. S. Parameswaran, Secretary and Dr. R. Karunanithi, principal-in-charge participated in the pgm and addressed the students. Mr. N. Bhuvana Shankar,

secretary, IEEE SB proposed the vote of thanks at the end of the programme. The programme was coordinated by Prof. G. Giftson Samuel, IEEE SB Counselor and the staff members Prof. V. Mahendiran and Prof. P. Anandharaj.

Report by: Prof. G. Giftson Samuel

Project Funding from IEEE Madras Section for the year 2011-12

SL.NO.	TITLE OF THE PROJECT	NAME OF THE STUDENT(S)	AFFILIATION
1.	Power Monitoring and Control of Electric Home Appliances Using Internet	1. Vaishak. K 2. Jayasree. AJhoney 3. Varghese	Vinayaka Mission's Kirupananda Variyar Engineering College
2.	Zigbee Based Blind People Safety	1. Arunsenapathy. R 2. Jayachandran. E	Angel College of Engineering and Technology
3.	Voice Guided Hand Prosthesis With Hierarchical Grip Control	1. Abinaash K.S, 2. Jasila.P, 3. Arthi.S 4. Muthumaraja.J	Sri Ramakrishna Engineering College
4.	Non-Invasive Wound Detection In Abdomen Using IR Thermal Imaging	1. Prabhukarthi S T B. 2. Priyadarshini N	Sri Ramakrishna Engineering College
5.	Intelligent Water Saving Irrigation By Using Solar Power	1. John Noel, 2. Binu Issac 3. Jobby Joy	Vinayaka Mission's Kirupananda Variyar Engineering College
6.	Power Genration Using Hybrid Methods In Highways	1. Bala Ragavendraa S 2. Ilavarasan L 3. Gopalakrishnan K	Sri Muthukumaran Institute of Technology
7.	Automated Commodity Delivery System For Fair Price Shop	1. Sumathi G	Prathyusha Institute of Technology and Management

Activities at Periyar Maniammai University

Workshop on Linux



Dept. of CSE, IEEE SB of PMU and IIT Bombay jointly organized a one day workshop on Linux on 12th Sep 2011. The aim of the workshop was to promote the usage of Linux and enhancing the skill in that platform. IITB has developed a project called “Spoken Tutorial” to promote the usage of FOSS (free open source software). IITB, spoken tutorial team conducted a pre-test for 15 minutes to assess the basic knowledge of the students on Linux. Then the students listened to the 10 e-learning tutorials received from IITB and started working on practicals based on the material provided.. After completing the hands-on exercises in all the tutorials, the students attended post-test for about 45 minutes which assessed the understanding of the students. Both the pre & post tests were conducted online from IITB, Mumbai. The participants secured high scores in the online tests and received appreciation from Prof. N. Ramachandran, Vice Chancellor of PMU, Prof. G. Thiruchelvi, Asst. Dean SCSE, Dr. K. Lakshmi, HOD,CSE and IIT Bombay Spoken Tutorial Team.

Spark IT 2k11 – National level technical Symposium

A National Level Technical Symposium



“SPARKIT’2K11” was organized in association HCL, Chennai on 3rd and 4th Oct, 2011. The objective of this symposium is to bring out the innovative technical skills of the students and prove their intelligence in various areas. The symposium included various events such as Technical paper presentation, Project exhibition, Animation show, Code debugging, Quiz, Gaming, Business plan, Workshop and various other spot events. More than 30 colleges participated in this symposium. out of 600 plus technical papers received from across the country, 60 were short listed and presented over at the different tracks such as cloud computing, advanced networking, image processing, cryptography and network security, embedded systems and robotics. Students participate with interest in the workshop on “Cloud computing and virtualization” conducted by HCL, Chennai. Motivational speeches Vice Chancellor Prof. N. Ramachandran, HOD-IT Dr. G. Jagajothi, Mr. G. Sathyamoorthi (Manager Institutional Alliance, HCL Chennai) and J. Jaculine (HR Executive HCL, Chennai) were the highlights at the inauguration of the Spark IT 2k11.

2nd workshop on Linux

The 2nd “one day workshop on LINUX” was organized on 5th Oct 2011 in association

with IIT Bombay to promote the usage of LINUX and enhancing their knowledge in that platform. 55 students participated and benefited out of this workshop. After the pre-test conducted online, the participants listened 10 e-learning tutorials. After the hands-on-exercises, an online post-test for 45 minutes was conducted. All the participants secured good scores and received the certificates from IIT Bombay.

Workshop on JAVA

A two day workshop on JAVA was organized on 6th and 7th Oct 2011. About for 55 students participated in the workshop and benefited. Mr. Laxmanan, head, APTECH, Thanjore was the resource person for the workshop. He gave clear description of how Java is unique from other languages, its features, OOP concepts and more. The sessions started with basics of Java and progressed to network programming and applets. The students gained knowledge on Java and motivated in doing projects using Java.

Workshop on LaTeX

Dept. of CSE, IEEE SB of PMU and IIT Bombay jointly organized a one day workshop on LaTeX on 2nd Nov 2011 with the aim to promote the usage of LaTeX and enhance the usage of LaTeX among the research scholars while preparing their documentation. About 30 students participated and benefited out of this workshop. After the pre-test, the elearning spoke tutorials were administered. After the hands-on-exercises, post-test was conducted to assess the students understanding.

Report by: P. Monica,
monicap2000@gmail.com

Inauguration of IEEE Student Branch and Technical Project Expo at Vivekanandha College of Engineering for Women



The inauguration of the student branch activities with a Technical Project Expo took place on 23rd Sep 2011 at Vivekanandha College of Engineering for Women, Tiruchengode. Dr. R. K. Gnanamurthy Principal, welcomed the

gathering. Dr. S.Velusamy, Professor & HoD/EE, Annamalai University delivered the inaugural address and Ms. G. Kokila, Project Engineer, Wipro Technologies, Chennai gave the special guest address. Mr. B. Gopinath, HOD/EEE and IEEE Student Branch counselor introduced the office bearers of the branch.

In the Project Expo, the students of EE Dept. participated and about 60 projects were displayed in diff. areas. Students from our sister institutions also visited the Project Expo and provided good feedback. The projects were judged by the faculty members from the sister institutions and after evaluation three best

projects were selected for awards which were presented by the Chairman & Secretary of the college Prof. Dr. M. Karunanithi. The programme ended with the vote of thanks by Ms. M. Yamuna, Final Year EEE.

Office Bearers:

Chairman	: P. Divyapriya, II year M.E Power System Engineering
Vice Chairman	: M. Ashwini, III Year EEE
Secretary	: S. Aarthi, II year M.E Power System Engineering
Treasurer	: S.Nivedhitha, III Year EEE

Novel Sources for Energy Harvesting

Dr. S. Thiruvengadam
Prof. of Eminence, Dept. of EE
Valliammai Engineering College
SRM Nagar, Kattankulathur

1. Turn a new LEAF and get power

Scientists at MIT have created first artificial leaf that can turn sunlight and water into energy. This may pave the way for a cheap source of power. This artificial leaf from of silicon using electronics along with catalysts to initiate chemical reaction within the device, can use sunlight to break water into hydrogen and oxygen which can then be used to create electricity in a separate fuel cell. These leaves are of the size of playing cards. The catalysts used are cobalt and nickel. It is reported that they worked for 45 hours without drop in output. Placed in a single gallon of water in a bright sunlight the device is expected to produce enough electricity to supply a house in a developing country with electricity for a day.

2. Human Power

Two researchers at university of Wisconsin-Madison have thought of a new energy harvesting technology by capturing human motion. They opine that humans are very powerful energy producing machines. They describe a novel energy harvesting technology known as reverse electro wetting. In this technology, the mechanical energy is converted into electrical energy by using a micro fluidic device. This can enable a novel footwear embedded energy harvester that captures energy produced by humans during walking (normally lost as heat) and converts it into up to 20watts of electrical power that can be used to supply mobile phones.

3. Sound Power

Scientists have predicted a new

technology that converts sound to electricity. Korean Scientists have been able to turn the main ingredient of calamine lotion into a tiny material that converts sound waves into electricity. This research could lead to panels that can charge cell phone from a conversation or provide energy to the nation's electricity grid by the noise generated during rush hour traffic.

4. Heartbeat Power

Scientists have developed a tiny chip that can generate power by using the body's own movement. This technology could soon enable recharging the mobile phone by just bringing it closer to your heart. This development heralds the birth of an era of producing portable electronics that can be powered by body movements without batteries. This technology works using Zinc Oxide nanowires which generate electricity when strained or flexed. It is predicted that virtually any movement from walking to a heartbeat can generate power. Scientists at Georgia Institute of Technology in US have designed to capture and combine the power of millions of nanowires-500 of which could fit in a human hair Five Nano generators together produced about one micro ampere at 3 volts(equivalent to 2A batteries)

5. Super Batteries

Scientists are working with material called grapheme which may form the basis of a new generation of ultrafast energy storage systems. Graphene is the result of breaking down graphite, a cheap readily available material used in pencil, into layers one atom thick.

6. Sound Shirt Power

Scientists have developed a T-Shirt which can use loud music to power up a cellphone. This garment works by using noise responsive technology. It uses an A4-size piece of

photoelectric film in a T-Shirt to absorb pressure from sound waves. It converts them into an electric charge, which it then transfers from its battery into a lead that fits phones. A field test is to be conducted at a music festival to acquire on site know-how. Scientists are of the sites that sound vibrations, at bass frequencies will create enough movement to produce from a Piezo- electric film.

7. Power to the 'distressed'

This is a Japan invention. A company in Japan has come up with a new method to charge a mobile phone after a natural disaster in open system. This is achieved by heating a pot of water over a camp fire. The company has developed a thermo electric cook pot that turns into heat from boiling water into electricity that feeds through a USB Port that digital devices like GPS and mobile phones. The pot is made of strips of ceramic thermo electric material that generate electricity through temperature difference between 550° Celsius at the bottom of the pot and water boiling inside at 100°. It is claimed that the device taken 3 hours to 5 hours to charge an i-phone.

8. Microbial electricity

The discovery about the exact structure of the bacteria and their atom sized wires would permit researchers to design electrodes with better contacts to pick up the charges, let off by the microbes to Avoid a buildup of electricity. Existing uses of such bacteria has to be upgraded to become 100 or 1000 times more efficient. These findings could also help speedy development of microbe based agents to clean up oil or uranium pollution as well as use of fuel cell powered sewage or compost. These bacteria can use up oil slicks, degrade waste oil and then produce energy. In affected nuclear plants, bacteria could separate uranium from waste water.

Technical Symposium at Hindustan Institute of Technology & Science



The IEEE student branch of Hindustan Institute of Technology and Science in association with Hindustan Electrical and Electronics Scholar Association (HEESA) organized a national level technical symposium

Omega-2011 on 24th Sep 2011. Mrs. A. K. Parvathy, HOD welcomed the gathering and Dr. R. Devanathan, Dean addressed the gathering and congratulated for organizing the symposium. Er. R. Alagappan, Superintending Engineer (Communication and Protection), TNEB was the chief guest Dr. K. Selvajothi of IITDM was the guest of honour at the symposium and delivered motivating talks. The department magazine "Spark'1" was released by the Dean and the same was received by chief guest and guest of honour.

There ten events which include: Paper Presentation, Project Presentation, Circuit Debugging, Technical Quiz, Dumb C, Treasure Hunt, Gaming etc. Out of 300 technical papers received, 15 were selected for presentation in the areas of Power Systems, Robotics, Nanotechnology, Biomedical Instrumentation, VLSI and Embedded Systems etc.,

The symposium came to a formal closure with Mr. R. Giri, Asst. Prof. thanking everyone who made the event a grand success.

Report by: E. Terence

Activities at Amrita School of Engineering

COGITO 2011: Tech Festival



A week long tech fest from 12th Sep to 17th Sep, 2011 was organized at Amrita School of Engineering. The total number of participants was 1070. Ten technical events were organized that include Tech Wiz, Programming, Logic Killer, Web Designing, General Quiz, Business Event, Treasure Hunt, Photography and Short Film Competition. The prize distribution ceremony was held on 14th October 2011. The prize distribution ceremony was presided over by Prof. K. Gangadharan, Chairman of the IT Dept. and IEEE Sponsor. Dr. T. R. Padmanabhan, Professor-Emeritus and former Dean of Amrita was the chief guest and he distributed the prizes along with Mr. Prashant. R. Nair, Vice Chairman of the IT Dept. The event was jointly organized by IEEE, IETE, ACM and CSI Amrita Chapters. The tech fest was mentored by Prof. K. Gangadharan, Chairman-IT and Mr. C. Arunkumar, SB Counsellor, and organized by Ms. B. Rajathilagam, Asst. Prof. (S.G) of the IT Dept.

IEEE Day Celebrations

A one day celebration of IEEE Day was organized on 7th Oct 2011 in which three events were conducted. The day started with a visit to a local school in Ettimadai village as part of the



social development program. In the afternoon function, Mr. C. Arunkumar, SB Counsellor welcomed the gathering. To commemorate the sudden demise of Steve Jobs, the Steve Jobs Memorial Lecture was organized and was delivered by Prof. K. Gangadharan, Chairman-IT Dept. Prashant. R. Nair, Vice Chairman, IT-Dept. shared his views on "Steve Jobs – My Inspiration". Dr. T. R. Padmanabhan, Professor-Emeritus, IT-Dept. and former Dean-Engineering was the Chief Guest. He delivered the theme address. A motivational video of Steve Jobs and IEEE Day promotional video were screened. A quiz competition on "Recent Technological Developments" was conducted and top three teams were awarded prizes. The function came to a formal close with a vote of thanks by Mr. Rajesh, Chairman, IEEE SB.

24 Hour IEEE Extreme Programming Contest



The 24 hour IEEE Extreme Programming Contest for the members was organized in which 11 teams participated. The event started on 22nd Oct 2011 (Saturday) at 5:00 a.m. (IST) and ended on 23rd Oct 2011 (Sunday) at 5:00 a.m. (IST). IEEE Xtreme is a global challenge in which teams of IEEE student members – supported by a SB, advised and proctored by an IEEE Member – compete in a 24-hour time span against each other to solve a set of programming problems. The competition was created to: Provide members with a new and interesting activity; Give members a challenge to embrace team work - an important skill to develop for career success; and Increase the number of student activities with a focus on the computer, programming and information technology fields. Other benefits include providing SBs with ways to get the members involved in local activity in a fun and engaging way. The contest was proctored by Prof. K. Gangadharan, Chairman-IT and IEEE Sponsor and Mr. C. Arunkumar, Asst. Prof. (Sr), Dept. of IT and SB Counsellor.

Report by: C. Arunkumar,
arunkumarc@ieee.org

Forthcoming Events

FDP on "Intelligent Control Using Matlab", 16 – 17, Dec 2011 at Kumaraguru College of Technology, Coimbatore. Contact: IEEE Madras Section, Phone: (044) 24423939, Mobile: 93823 28776, Email: ieeemas@gmail.com

INDICON-2011: Annual conference of the IEEE India Council. 16-18, Dec 2011 at Hyderabad. Theme: "Engineering Sustainable Solutions". Details at <http://indicon2011.org/>

BIDTE-12: International Conference on "Biomaterials, Implant Devices and Tissue Engineering. 6-8, Jan 2012 at Rajalakshmi Engineering College, Chennai, India. Contact: Dr. T. M. Sridhar, E-mail: sridhar.tm@rajalakshmi.edu.in tmsridhar@gmail.com, Phone: 044-2715670 /

37181595, Fax: 044-27156640 / 41, Mobile: 9444407615, Web: www.rajalakshmi.org

NCISE-2012: National Conference on Information and Software Engineering. 9-10, Mar 2012 at Chennai. Organised by Dept. of IT, Aarupadai Veedu Institute of Technology in association with IEEE Madras Section, IEEE Computer Society. Last date for paper submission: 20th Dec 2011. Contact: Dr. Anthony Irudhayaraj, Phone: +91-9443884732, +91-9962735582 Email: ncise2012@gmail.com, Web: www.ieeecs-ncise.com

ICAESM-2012: International Conference on Advances in Engineering, Science and Management. 30-31, Mar 2012 at Nagapattinam, Tamil Nadu, India. Organised by EGS Pillay Engineering College last date for receiving the paper is 30th Nov 2011. Contact:

Prof. G. Giftson Samuel / Dr. K. Kavitha, IEEE-ICAESM2012, EGS Pillay Engineering College, Nagapattinam-611 002. Phone: +91 4365 251112, +91 4365 251114 mobile: +91 94431 20840 Email: icaesm2012@gmail.com Website: <http://icaesm.egspec.org/>

RACSS-2012: International Conference on Recent Advances in Computing and Software Systems. 25 – 27, Apr 2012 at Chennai. Organized by the Dept. of CSE, SSN College of Engineering, Chennai in association with IEEE Madras Section, IEEE Computer Society, Chennai Chapter and Computer Society of India, Chennai Chapter & Div IV – Communications. Last date for paper submission : 9th Dec 2011. Contact: Dr. Chitra Babu. Phone: +91-44-27469700, Email: [racss2012\[at\]cse.ssn.edu.in](mailto:racss2012[at]cse.ssn.edu.in) Web: <http://www.racss2012.com>

Activities at Mepco Schlenk Engineering College

KWIZ

Kwiz, being the first event of this session was the real battle of wits and took place on 5th Jul 2011. The event was conducted by Mr. Kanmani, vice chairman and assisted by the pre final year student officers. The participants were grouped into six teams and found to be equally competent and it was really a tough job for the organisers to eliminate teams. In short, Kwiz was really an awesome hunt for knowledge.

Workshop on “Special Effects”



A one day workshop on special effects was conducted on 15th Jul 2011 by Mr. Siva Sandeep, SB co-chairman. This was one of the events to prove our standards and it knocked the designer out of everyone. We went into stuffs like zip-zap effect and demons effect. The students were all mouth opened after their experiences on these. To kinder their enthusiasm we performed the zip-zap effect on one of the participants and it was a real fun as he was made to sing song holding hands with Hollywood star Emma Watson. The participants had enjoyed the event very much.

i-Workshop



The main objective of this workshop held on 20th & 21st July was to introduce HTML 5 to the students and to provide them a hands-on training in it so that they will be updated on this newer version of HTML. This was conducted by Mr. John Kishore, the college web master. The first day sessions covered: introduction to HTML 5; how it is unique from HTML; structure of HTML 5; syntax, etc. The second day covered: hyperlink and form designing. The participants gave an excellent

feedback and one of them was “Now I can confidently include HTML 5 in proficiency part of my resume”, which really motivated the organisers to organise similar events in the near future.

i-FRESHERS

The very first event which was conducted exclusively for the freshers this year, by the SB was i-FRESHERS and was held on 18th & 19th Aug 2011. The objective of this event was to make the first year students comfortable in the college life and also to ascertain their soft skills.

The entire crowd was keen on things going on and the activities were designed mainly to ascertain their soft skills and to make them get rid of stage fear. This event really provided them an opportunity to bring out their hidden talents and everyone felt their presence useful.

Mr/Ms FRESHER

This was conducted on 25th Aug by the pre final year student officers. The main idea of this event was to select the new student officers from the first year based on their soft skills and their participation in the event. They were really obviate and were over the moon on things going

on. They turned over a new leaf as the activities were being carried out. Thus this event was really helpful for us in selecting our new student officers who will lead the future of our SB by gaining experience in the days to come.

i-CHILL OUT

This program conducted on 16th Sep 2011 included a mixture of activities like quiz, fun and stress management and was conducted by the pre final year student officers. With all their expectations

being fulfilled everyone actively involved in the event. It was framed to reveal their hidden talents and to bring out the eloquent person from them. The Chill Out was engrossing not only for the participants but also for the coordinators.

i-TECH BUZZ

This event held on 26th Sep 2011 was a sort of techno quiz and was conducted by the second year student officers. This had a pile of activities testing the technical skill of the participants who were split up into teams based on their respective departments. This was exceedingly useful for them in gaining knowledge on other department stuffs.

i-CHANGE THE WORLD & i-FUN



Our student branch claimed another record for conducting its parallel events for the very first time on 27th Sep 2011. i-Change the World was a paper presentation event in which students were given the freedom to present paper on any of their innovative ideas without constraining them on any specific topic. Mr. Edison Selvaraj, Asst. Prof. EEE Dept made his valuable presence for the event as the judge. Participants came out with effective ideas apt for the name of the event and it was really a tough task to pick one out of them as the winner. i-Fun being the very first WIE event for the year came out with outstanding list of activities which involved fun, quiz and managing situations. This was conducted by the entire WIE team headed by Ms. Varshini, WIE Co-Chairperson. The SB made this session sounder than its previous one, under the guidance of our branch counsellor Mr. C. Kalyana Sundaram, because of whom our prosperity prevails and all credit goes to the team.

Report by: M. Balasubramanian

Section Membership as on 15th November 2011

Life Fellow	-	2
Fellow	-	1
Life Senior	-	9
Senior Member	-	98
Life Member	-	5
Member	-	2192
Associate	-	148
Affiliate	-	37
Graduate Student Member	-	944
Student Member	-	6925
Total	-	10,361

Activities of IEEE COMSOC at SRM University

Training on “RF & Microwave Circuit Design using Advanced Design System (ADS)”



IEEE COMSOC Student Branch at SRM University, Chennai under Telecommunications Engineers’ Association (TEA) organized a two day training on “RF & Microwave Circuit Design using Advanced Design System (ADS)” during 29-30 Sep 2011. Mr. Anurag Bharagava of Agilent Technologies, Bangalore delivered lectures and demonstrated laboratory exercises of RF & Microwave Circuits using Agilent’s ADS, powerful 3D simulation software. About 30 Faculty Members of SRM University and other Engineering Colleges participated &

benefited from this workshop. Dr. T. Rama Rao, HoD, Dept. of TCE and Advisor for the IEEE Comsoc @ SRM coordinated event and M/s ELMACK Engg Services, Chennai, authorized representative of Agilent Technologies sponsored this training programme.

Awareness Campaign on Usage of Mobile Phones



On Oct 22, 2011, Telecommunication Engineering Students of SRM University along with NCC Cadets actively organized an Awareness Campaign on Usage of Mobile Phones in and around SRM University campus. The campaign was intended to create awareness

on the usage of mobile phones among the youth and common people which was supported by distribution of printed flyers in English/Tamil containing Do’s and Don’ts of Mobile Phones followed by explanation on the same. Feedback received from the people was excellent and all are expressed that such kind of educative social campaigns were needed on proper etiquettes in daily lives. The campaign was inaugurated by Dr. T. Rama Rao, Professor & HoD, Dept. of TCE and Advisor of IEEE Comsoc Student

Branch. Lt. N. Thangadurai, Associate NCC Officer, 1(TN) SIG COY NCC along with Mr. K. Vijayan, Asst. prof., Dept. of TCE was guided the entire campaign.

Report by: Dr. T. Rama Rao

Orientation Programme on Employability & Soft Skills at Jayaram College of Engineering and Technology



The IEEE Student Branch of Jayaram College of Engineering and Technology, Trichy organized an orientation programme on “Employability & Soft Skills” on 1st Nov 2011. This programme was jointly organized with the IEEE Computer Society, Madras Chapter, IEEE Professional Communication Society, Madras Chapter and Computer Society of India, Chennai Chapter.

Dr. N. Kannan, Principal and Student Branch Mentor, JCET delivered the presidential address. Dr. S. A. Sahaaya Arul Mary, Dean (Academic) & Student Branch Counselor welcomed the gathering. Resource persons Dr. Vishal Talwar, Professor, London School of Economics, UK and Mr. Chhaya Ballav Sahoo, CEO of Victory Mind Educare Services shared their fruitful views on the topics Employability, Work place skill needs, Assessing competencies

for future career, Learning style, Understanding communicative English language, Importance of effective writing and Effective speaking skills. Mr. Chhaya Sahoo rendered presentations on Key personality characteristics required for a job, Entry level qualities, Intellectual abilities and Personal attributes. Dr. Vishal focused on the presentation skills and elaborated on how to present oneself, structure and plan required for the presentation etc., Students were impressed and benefited by their presentations. They had also posted queries and had fruitful answers from the resource persons.

About 250 students from various departments such as ECE, CSE, EEE, EIE, and MCA attended and gained the fruits of the programme. The programme ended with the vote of thanks by the chair person, student branch.

Report by: Dr. S. A. Sahaaya Arul Mary, samjessi@gmail.com

IEEE Computer Society, Madras Chapter is pleased to announce the financial support of Rs. 5000/= to the SB at Rajalakshmi Engineering College and Rs. 3750/= to the SB at Aarupadai Veedu Institute of Technology for organising conferences in 2011.

Inauguration of SB activities at SKP Engineering College

The IEEE student branch activities of SKP Engineering college were inaugurated on 14th Oct 2011 by Senior Member IEEE Dr. N. Kumarappan, Professor, Electrical, Annamalai University, Chidambaram. The function started with lighting of kuthuvilaku by the dignitaries and was followed by the welcome address by IEEE Coordinator Mrs.R. Sridevi, Asst. Prof, EEE. A special honor to the chief guest and presidential address was given by Dr .C. Kumar, Director Academic, SKP Engineering College.

Mrs. N. Chitra, Asst. Prof. spoke about the activities of IEEE and then introduced the office bearers. Ms. Ramya, Chairperson, IEEE student Branch briefed on the activities organized. Dr .N. Mohan Kumar, IEEE EDS Chapter Chennai, in his address focused on the events to be organized in the forthcoming days. Chief Guest distributed the certificates for the winners and delivered a talk enlightening the student members on how one could benefit from an IEEE student membership and wished them all success. The session ended with vote of thanks by Ms. Ramya.

Report by: Dr. C. Kumar

Call For Hosting Employability & Soft Skills - Orientation Programme

IEEE Computer Society Madras Chapter, IEEE Professional Communication Society Madras Chapter and Computer Society of India Chennai Chapter are jointly planning to conduct the second batch of orientation programmes on Employability & Soft Skills at various student branches of IEEE/CSI during Dec 2011. It may be noted that in the 1st phase, the programme was held in SIX institutions (Akshaya, Amrita, Jayaram, Imayam, EGS Pillay & Kongu) during Nov 2011

This programme is for the benefit of all students (right from fresher and PG and research level) including the members of IEEE and CSI. The faculty members will also find this useful.

The duration of this programme will be 90 minutes followed by a Q & A session. The pgm will cover: Employability/Workplace Skill Needs; Assessing Your Competencies for Future Career; Knowing Your Learning Style; Understanding Communicative English Language; Importance of Writing Effectively; and Focusing on Effective Speaking Skills.

A team of experienced faculty from Victory Mind, a Chennai based organization will conduct this programme.

While there is no fee for this programme, we need to take care of the local hospitality and mementos to the resource persons (two/three persons).

We propose to run this programme in clusters covering nearby institutions. The planned clusters include: Chennai, Coimbatore, Trichy, Madurai, Erode, Salem, Trunelveli. If required, additional clusters can be considered.

In each cluster, a max of 4 colleges will be identified based on their interest to host this programme. The session can be organized either in the morning from 10.00 a.m. to 12.00 p.m or in the afternoon from 2.00 p.m to 4.00 p.m. This will facilitate covering two institutions in a day and four institutions in a cluster in two days.

The HODs, Student Branch Coordinators and Faculty Advisors associated with the IEEE/CSI Student Branches may pl. fill-up and send the registration form (downloadable from <http://ieeecs-madras.managedbiz.com/emp-ss-regn.doc> OR <http://goo.gl/sOmRW>) to ieeecsmds@gmail.com

For clarifications, if any, you pl. contact Mr. H.R. Mohan, Chairman, IEEE CS & IEEE PCS at ieeecsmds@gmail.com

Please note that this programme will be offered on First Come First Served basis. Hence, pl. let us have your registration form immediately so that we can schedule the programme optimally.

Important Announcement for Student Branch Counsellors / Volunteers

IEEE Madras Section has been notified of fraudulent E-Mail Communication to inspect Student Branches, claiming credentials from IEEE Technical Activities Board and from IEEE Region 10.

If in case, you or your Student Branch Officers have received any such notification, pl. notify us of the same as soon as possible.

For more information, please contact ieemas@gmail.com or Barnabas Muthu, R10 GINI MAS Coordinator, GOLD, IEEE Madras Section, Mobile: +91 9884984294
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Posted On : 24th November 2011

Posted at: Egmore RMS (Patrika)

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