
Vol. 10 No. 9 Sep 2013

Message from Chairman



Dear Members

In this issue I wish to inform you of a few important events and activities that deserve your attention.

- a. The All India Students Congress is happening at Amrita University Coimbatore from Oct 3-6, 2013. Please visit <http://www.ieeeaisc2013.org/> for more details and updates. While we were very keen to accommodate all the students who registered for the event initially, due to logistical constraints we were forced to restrict the numbers. The response to this congress was overwhelming, indicating that students are keen on such events. We have taken note of this interest and will try to accommodate all students who are keen to attend in future events.
- b. As you already know, Madras Section will host the R10 HTC 2014 Conference. The 2013 conference was successfully concluded at Sendai, Japan, on Aug 28, 2013. Please visit <http://www.r10-htc2013.org/> for more details and updates. Another similar event – Global Humanitarian Technology Conference is scheduled for Oct 20-23, 2013 at San Jose, California, USA. Please visit <http://www.ieeehtc.org/> for details and updates. We are working hard to make the R10 HTC 2014 Conference at Chennai a great success. Stay tuned for updates. We will also reach out to you for your help in making this conference a grand success.
- c. A small team of student volunteers is working with the Student Branches and our website team to ensure that each Student Branch has a website and it is connected to the Section website to help in content aggregation for the newsletter and to also enable them to increase their digital footprint. In today's world any entity – institute or student branch – is judged largely by its digital footprint for any form of recognition. It is therefore imperative that each Student Branch under Madras Section ensures that it has a website which is updated with all the latest events and information to improve its visibility to the outside world. Please visit http://www.ieee.org/membership_services/membership/students/branch_resources.html for more information.
- d. Barring a few mails once in a while, we are not receiving any regular feedback and comments from all of you on the various initiatives, activities, information sharing, events, programs etc that your Section is bringing to you. As volunteers, while we will surely appreciate your positive feedback, we are equally keen to identify opportunities for improvement and also new initiatives that can be undertaken.
- e. Finally, I hope all of you, eligible to vote, have voted for the IEEE elections. Your Section has also started the nomination process for identifying the slate for next year. Those of you keen to volunteer for these positions are welcome to nominate themselves.

Till next time,

Yours voluntarily
ranga@ieee.org

Message from the Editor



H.R. Mohan

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IEEE MAS LINK, first time in eight plus years under my editorship, has missed its publishing deadline. The September 2013 issue of LINK is being posted in October. While as the Editor, I take responsibility for this delay, I also wish to assure that delays in future will be avoided. Coupled with the official load and the sudden spurt in the inflow of activity reports almost twice the volume, when compared to last year is the reason for the delay.

Now it is the right time to review our newsletter focus. All along, the newsletter MAS LINK has been serving as the repository and the official publication of the activities of the IEEE Madras Section, Society Chapters and the Student Branches. As the no. of society chapters and the SBs are increasing over the period, so are the activities being reported. Sensing this type of explosion of activities, the Section had revamped its website with Drupal based Content Management System which facilities the various OUs (Societies, SBs, Affinity Groups) to update the website with the details of their activities on a real time basis without the need to wait for getting published in the monthly newsletter. It is more than a year the website had been upgraded. However, we are yet to see the updates happening on the website. Our earnest request to all officers and volunteers of various OUs is to focus on using the website to publicize about their activities as and when they are conducted / organised without waiting to see them reported in the newsletter.

In one of my earlier messages, I had indicated that we propose to publish only a list of events organized with very brief reports in the newsletter. We intend to practice it from the forthcoming issue onwards. This we hope will encourage or force the OUs to update their respective OU pages at the Section website. In this context, the guidelines to report the events will also be revised and all OUs will be informed suitably in a short while.

I am sure that all OUs will understand the rationale behind this move and our Section website will become vibrant with additional content and real time updates from all quarters.

Some of the points made in the message by our chair are dated due to the delay in publishing the current issue – in particular one on the AISC-2013. The event was organized in a grand manner at the Amrita Univ., Coimbatore. A detailed report is expected from the volunteers both at the website and in the newsletter. Chairman's views on receiving feedback requires attention of all readers.

In this issue of LINK, we have published the reports on the SB activities held at SASTRA University, Karpagam College of Engineering, Jeppiaar Engineering College, Kathir College of Engineering, Knowledge Institute of Technology, Sri Muthukumaran Institute of Technology, M. P. Nachimuthu M. Jaganathan Engineering College, Sona College of Technology, Sri Ramakrishna Engineering College, Sri Venkateswara College of Engineering, Muthayammal Engineering College, Thiagarajar College of Engineering, VIT University Chennai Campus, Thangavelu Engineering College, Ranganathan Engineering College and Kumaraguru College of Technology. Brief reports on the IEEE Madras Section Teachers In-Service Programme, Technical lecture of the IEEE Control System Society and the Inauguration of the IEEE Education Society Madras Chapter and Workshop on Robotics conducted along with the inauguration are also appear in this issue of the LINK.

The Sep 2013 issue of the India Council newsletter IEEE India Info that has five interesting articles, book reviews, TechQuiz, List of Forthcoming events etc., has already been released to all our Section members. Pl. access it at <http://ieeecs-madras.managedbiz.com/icnl/1309/index.html> Attention is also drawn to various announcements relating to awards, events published in this issue from which members can be benefited.

It is time to renew the IEEE membership. Extended membership benefits are available to those joining now. We request the SB coordinators to encourage and promote membership.

IEEE Madras Section

Teachers In-Service Programme



The IEEE Madras Section organized the R10 sponsored Teachers In-Service Programme (TISP) on 31st August 2013 at Suharshan Engineering College (SEC), Sathiyamangalam, Pudukkottai. This program aimed at imparting the ability of technical literacy among teachers and students and producing quality engineers. This event was attended by a total of 82 teachers and students (12 Schools from Pudukkottai and Karaikudi). The co-ordinators of the program were Dr. N. Kumarappan, EA Chair and Treasurer IEEE Madras Section and Mr. A Ravi IEEE SB counselor of SEC.

At the inaugural session, Mr. A Ravi, welcomed the gathering, Dr. K Ganesan Principal, SEC delivered the presidential address, Dr. N Kumarappan delivered the Inaugural Address. Dr. S Palani Director SEC delivered the special address.

The resource persons for the program were Dr. N. Kumarappan, Prof. Annamalai University and Er. M Venkatesh Kumar, Asst. Prof. Saveetha University. The program included two theory sessions, 'Understanding the IEEE' and 'Engineer your classroom!'. After lunch, the participants were divided into twelve groups and were given hands-on activity. First they built their own solar toy car and then wind mill. The participants actively took part and enjoyed doing these activities. There was a panel discussion for one hour towards the end of the programme.

At the valedictory session, certificates were distributed to all the participants. The program received an excellent feedback from all the participants. Sathiyamangalam being a rural area was highly suitable for this type of program as the people over here needed awareness about engineering. The TISP provided an excellent opportunity to enhance the level of technological literacy of pre-university students. It also provided guidance to pre-university educators on professional development areas that students needed. The theory sessions motivated the students while the hands-on training using basic engineering principles inspired and built an interest on engineering.

IEEE Control System Society, Madras Chapter

Technical Lecture on "Wireless Monitoring & Control in Process Industries"



IEEE Control System Society, Madras Chapter, ISA South India Section and IEEE Madras Section Jointly organized a Technical Lecture on "Wireless Monitoring & Control in Process Industries" on 23rd Aug 2013.

Dr. Hemamalini, Chair, Technical Meet, IEEE Madras Section welcomed the participants. Dr. R. Hariprakash, Secretary IEEE Control System Society introduced the speaker Mr. D. Sundarasekaran, General Manager (Plant), Madras Fertilizer Limited, Chennai.

Mr. D. Sundarasekaran started his presentation touching the basics of wireless technology followed by developments in process industries from analog, HART Technology, Field Bus, Wireless Communications etc., He then emphasized the importance of wireless over wired communication with illustrative examples. He also briefed the participants on the spread spectrum communication, boilers, reactors and the technology used to measure variables in them. The speaker presented the day-to-day problems being faced in plant operations and the solutions to overcome them. The speaker also shared his experiences in the Methanol plant, in Iran which received great attention among the participants. He concluded with highlighting the importance of Wireless network, Air Pollution in process industries and lauded the innovation of making measurement of variables simple; direct to the control room that is about 127 meters or more, from the ground level. In the interactive Q&A session, the speaker replied to queries and stated that there is lot of scope for design engineers in process industries and the students can take up design projects. The meeting attended by about 80 participants came to an end with vote of thanks by Dr. Ranganathan Muthu, President ISA South India Section.

Report by: Dr. R. Hariprakash, rhp_27@ieee.org

Madras IEEE Education Society Chapter

Inauguration of IEEE Education Society Madras Chapter and Workshop on Robotics



Education Society Chapter and another as the workshop on Robotics.

IEEE Education Society (EdSoc) provides aid in promoting close cooperation and exchange of technical information among student members and faculty on advanced technologies. The IEEE Education Society Madras Chapter along with the KCT IEEE SB and IEEE GOLD Affinity Group Madras Section organized a one day hands-on workshop on Robotics at Kumaraguru College of Technology Coimbatore on 31st Aug 2013. The one-day program was conducted in two sessions, one as the inauguration of Madras IEEE

Inauguration of IEEE EdSoc: The day started with a guest lecture by Dr. V. Dhakshinamurthy, President of the International School of Engineering, Hyderabad. His talk on Engineering Skills was well received by the participants. Dr. R.S. Kumar, Principal, KCT welcomed the gathering. The Joint Correspondent of KCT Sri Shankar Vanavarayar felicitated the gathering by pointing out the skill gaps that are to be filled to make the students employable and explained how workshops and certification courses will enhance their knowledge. Dr. Ramalatha Marimuthu, Chair of IEEE WIE Affinity Group, Madras Section and HoD/IT, KCT explained about the IEEE Education Society and the chief guest briefed about how to develop a bigger picture in machine learning education. Prof. John Moses, Chair of IEEE EdSoc proposed the vote of thanks.

Workshop: The workshop was conducted in two sessions - one on theory and another on hands-on training. The trainers, Ms. Sowmya Reddy and Ms. Akila from Associate Track Executives provided the basics on the robotics concepts and details about the hands-on session. Later in the afternoon session, the students were taught how to build a robot and make it run with the help of switches and chassis. They also brought a line following robot and explained the programmability of the robots.

Around 50 students from various colleges including Maharaja Engineering College, EBET group of institutions, St. Xaviers Catholic College of Engineering and Kumaraguru College of Technology attended the workshop. The feedback from the participants was very positive and many of the students asked for a continuation of the workshop with advanced robot kits.

Free eBook: “Engineers Can Write! Thoughts on Writing from Contemporary Literary Engineers”, free eBook from IEEE-USA can be downloaded at www.ieeeusa.org/communications/ebooks/files/z382n9i/Engineers-Can-Write.pdf for free by IEEE members.

SASTRA University

IEEE International Conference on “The Changing Paradigms of Technology and Strategic Management”



SASTRA University, Thanjavur, had organized the IEEE International Conference on “The Changing Paradigms of Technology and Strategic Management” with technical support from IEEE, Madras Section and IEEE TMC Madras Chapter on 30th and 31st August, 2013.

Shri L.R.K. Krishnan, Sr. Vice President and Corporate Head (T&D), Reliance Communications Ltd inaugurated the conf. and highlighted the importance of technology and management convergence for global reach by the corporates. Shri T.S. Rangarajan, Chairman, IEEE Madras Section, in his keynote address recalled a research paper on economics and statistics published in 1957, which indicated that 88% of the increase in the standard of living was due to developments in technology. Earlier, Dr. S. Vaidhyasubramaniam, Dean (Planning and Development), SASTRA University introduced the theme of the conference and distinguished operational efficiency and strategy. Dr.V. Badrinath, Dean, School of Management and the conference chair welcomed the gathering.

The plenary session of the conference was chaired by Shri K.V. Rupchand, Chair, IEEE TMC Madras Chapter. The speakers were: Dr. R. Bhaskaran, CEO, Indian Institute of Banking and Finance, Mumbai, Shri Ramesh Krishnan, General Manager-Treasury, Karur Vysya Bank, Karur, Shri S. L. Narasimhan, Director – Regional Head of Talent Acquisition, State Street Asia Limited, Hong Kong and Shri C. Mahalingam, Executive Coach and HR Advisor to Corporate Houses, Bangalore. The speakers enlightened the delegates on the recent trends in Technology, Banking, Forex, Financial Services and Human Resource Management. The first day events came to a close with a technical session on Human Resource Management chaired by Dr. L.R.K. Krishnan and Shri C. Mahalingam.

The second day started with a plenary session on Technology and Marketing. Dr. T.V. Krishnan, Professor, National University of Singapore, Shri K.V. Rupchand. Dr. Venkataramanan Sankararaman, Associate Dean, School of Information Systems, Singapore Management University and Dr. S. Sundar, Professor, Bharathidasan Institute of Management, Trichy spoke at the session. Dr. T.V. Krishnan narrated how technology is used in practical life in Singapore. Dr. Venkataramanan Sankararaman discussed about the recent trends in IT applications. Dr. S. Sundar gave examples of innovative marketing by Indian companies.

There were two parallel technical sessions -- one on Technology and the other on Marketing in the forenoon. In the afternoon, the session on Finance and Strategy was conducted with Shri R. Senthil Kumar, Associate Vice President, South India, Bajaj Capital Insurance Broking Limited, Chennai and Shri S. L. Narasimhan as Technical Chairs.

The last session on the Changing Paradigms of Technology and Strategic Management was the valedictory session was presided over by Shri N. Prasad Menon, Director- HR, McAfee Software India, Bangalore. He emphasized about coping up with Change Management. Dr. A.K.S. Sukumaran, Professor, School of Management and the convener of the conference proposed vote of thanks.

Report by: Dr. A.K.S. Sukumaran, icpsm2013@sastra.ac.in

Karpagam College of Engineering

Tech Quiz

The IEEE SB in association with Electronics Club of Electronics and Telecommunication Department conducted a "Tech Quiz" contest for second and third year students. About 180 students from various departments attended the quiz prelims held on 12th Aug 2013 from which 8 teams were selected for the finals. The finalists underwent through six levels of quizzing which covered almost all the possible fields in engineering. The winners of the "Tech Quiz" contest were: I prize – Angeline Hebzeba and Keerthika.S (II year ETE), II prize – Monica. S and Anisha. A (III year IT) and III prize - Rinesh. S. Potty and Senthil Kumar. C (III year ETE).

Electronics Club Inauguration

The "Electronics Club" was inaugurated by the department of Electronics and Telecommunication under IEEE SB on 19th Aug 2013. The event was felicitated by Prof. M. Gowrishankar, Vice Principal. The chief guest at the function was Mr. R. Arvind, Programming Head, Radio Mirchi, Coimbatore. After unveiling the Electronics Club logo by the chief guest and Vice Principal, the chief guest delivered a short presentation on "Radio Communications" which was very useful to the students. RJ Gowtham from Radio Mirchi who accompanied the chief guest shared his Radio Jockey experience with the audience.

Work Shop



The IEEE SB organized a two days' workshop on "Recent Trends on Digital Design using Xilinx and Cadence Tool" on 20th and 21st Aug 2013. Dr. B. Nagaraj, Professor and HoD/EETe welcomed the gathering and gave an overview of the workshop. The resource persons for the workshop were Mr. C. Arul Murugan, Assistant Professor and Mr. T. Manoj Kumar, Assistant Professor of Karpagam College of Engineering. The workshop was organized to update the students with the knowledge of the latest developments in chip design technologies on Digital Design, VDL, Verilog and IC designing. The workshop was

made further interesting and interactive by conducting practical sessions. About 30 students of third year ETE participated in the workshop. Dr. B. Nagaraj along with the resource persons distributed the certificates to the participants.

Guest Lecture on PCB design



The IEEE SB organized a guest lecture on "PCB Design" for the benefits of IEEE members and ETE students on 21st Aug 2013. The chief guest was Mr. S. Sundaramoorthy, Managing Director, Sunshiv Electronic Solutions, Coimbatore whose lecture helped and inspired the students to uniquely think about the engineering field. While the area of PCB designing was considered as an area which requires highly knowledgeable persons, the chief guest instilled in the students mind that PCB designing requires more of interest and logical thinking than the theoretical knowledge.

Special lecture on Careers in the Indian Air Force



A guest lecture on "Careers in the the Indian Air Force" was organized on 26th Aug ,2013 by the IEEE SB for the benefits of IEEE students and third year students of all the departments to make them aware of the career opportunities available to the engineering students in the Indian Air Force. Group Captain. R. Venkatraman, Deputy President of Air Force Selection Board, Mysore was the resource person for the lecture. He made the session interactive by encouraging the students to share and query on the careers in Air Force. About 170 students and few faculty attended the lecture.

FLEXPERT'13



Vidhyasagar, Rakesh Kumar (II ETE) and Saran Raj, SathishKumar, BalaKrishnan (III year Mechanical), III prize - Monika, Elamathi, Dhivya (II IT).

As a part of the activities under IEEE SB and the Electronics Club of Electronics and Telecommunication Department, an innovative flex design contest – FLEXPERT'13 was conducted on 31st Aug 2013 in which about 35 teams from various departments participated. The event was organized to motivate the budding minds to develop their creativeness. All the participants performed brilliantly and the winners were chosen by the judges based on their presentation, theme and design of the flex. The winners of the event were: I prize - Anuagalya, Pavithra, Suganya (III ECE), II prize - Santhosh.P,

Jeppiaar Engineering College

JEC IEEE COMSOC: Reality Check



Glass', 'Brain Wave Reader' etc. The students gained a fun filled technical experience.

IEEE Communication Society of JEC with great ardour conducted the event: REALITY CHECK for the second, third and final year students of ECE Dept. on 7th Aug 2013 to emphasize the applications and the technical aspects of the electronic gadgets, and to give an insight on the various new technologies available in the electronics field. The event started with a note by the Chapter Advisor and HOD Dr. J. Venugopalakrishnan. The students actively participated in the event which was interesting and informative. Some of the topics explained were 'Google

JEC IEEE CS: Google Froogle – A Google Product Insight event

Computer Society Chapter of JEC hosted the event Google Froogle – A Google product insight on 31st Aug and 1st Sep 2013. This event of the SB was conducted in association with the IEEE Computer Society Chapter of Madras Chapter along with the Google Student Ambassador of JEC. The event focus was to develop an awareness about the products of Google. The event was opened for all college students in Tamil Nadu. Joses Paul, the Google Student Ambassador, provided the event structure and framed the event. Harshad Kumar E, the Treasurer of IEEE CS was the event lead and hosted it. The event was successfully completed with the participation of over 86 participants from all colleges. And the winner of this contest was Suma Prasanth from M.V.G.R College of Engineering.

JEC IEEE CS: Basic C, C++ & Aptitude Quiz

IEEE CS of JEC SB organized the 'Basic C and C++ & aptitude online quiz' from 17th Aug to 19th Aug 2013 to help the students, especially the final year students, to assess themselves and know how strong are they in C and C++. This event turned out to be an assessing tool to analyze the basic C, C++ Skills of the students. A total of 41 students from all the departments participated in this online quiz and Santha Lakshmi D, a final year Computer Science student stood first.

Spectrum Talk



The IEEE SB hosted a 'Spectrum Talk' on various current and innovative topics on 20th Aug 2013. The event was by the staff coordinators Mr. A. Madhusudhanan AP/ECE and Ms. C. K. Swapna AP/ECE. The Spectrum Talk saw over eighty participants and 20 finalists were selected to present themselves. The student aspirants rose to the occasion and gave a commendable event. At the end of the event, best participant was awarded with a prize.

Kathir College of Engineering

Guest Lecture



“There are a lot of opportunities in the computing and IT related industry, but students must grab them with suitable skills”, said Mr. Jude Xavier, HR Director, Techno Soft, Chennai, the Guest Speaker on 27th Jul 2013. He stressed that the percentage of marks in the academic examinations were not enough to get a placement, “the students must acquire additional skills and work smartly while they are on the job as getting the right job is not that easy”. “Students must struggle hard and grab the right job to climb up the ladder of their career”. He made his lecture interesting with anecdotes and lively stories. He enlightened the students on the current trends in jobs in IT industry stating “Big data and Mobile computing are fast growing technology in the field of IT”.

Seminar on “Application of Embedded Systems”



The Association of the ECE Dept. “E-Sprit & De corps” and IEEE SB jointly organized a seminar on “Application of Embedded Systems” on 3rd Aug 2013. The Chief Guest Mr. Jayanthan Solomon, Director Oracle University-APAC, Chennai, in his address, highlighted on the opportunities available in the industry and advised on how the students could motivate themselves in their core area to meet up the rapid developments in communication industries. He also added that soft skills and hard work are two important aspects for excelling in the industry.

Dr. P. Vijayakumar, Vice Principal and Tmt. Lavanya Kathir, Secretary, Kathir Institutions, delivered the presidential address and felicitation address. They gave an insight into how innovations are necessary to our society and factors that determine innovation and the recent developments in the electronic industries. The seminar sessions were been handled by the eminent industrial experts. Mr. S. Prabakar, SB Councilor and HoD/ECE was the convener of this programme. All the faculty and students of ECE Dept. participated and benefited from the seminar.

Robotics workshop “ACCELEROBOTIX”



A two days robotics workshop “ACCELEROBOTIX” was conducted on 20th & 31st Aug 2013 in association with Technophilia Systems, Mumbai which had selected the institution as a zonal centre for International Robotics competition and workshop series. Technophilia systems represent India at ROBO GAMES, USA, the worlds largest Robot Competition, according to Guinness Book of Records.

About 75 students from different disciplines and from various technical institutions participated. A group of 4 students were provided with a robot kit. At the inaugural session, Dr. P. Vijayakumar, Vice Principal stressed upon the importance of Robotics in the present world and the role of various departments of engineering in the existence of a Robot.

Mr. Amey Bhopi, from Technophilia Systems handled the sessions and provided hands on training to the participants. Subsequently, the zonal level competition was conducted in the final session of the second day. Three teams of students were selected and were provided with Certificate of Merit and an invite to participate in the National level Robotic Competition to be held during March 2014at IIT Bombay.

Knowledge Institute of Technology

Guest Lecture on “Signal Research and Analysis”



On 19th Aug 2013, IEEE SB and INTEC Association of ECE organised a guest lecture on “Signal Research and Analysis” by Dr. Sridhar Krishnan, Interim Dean, Faculty of Engineering and Architectural Science at Ryerson University. Dr. PSS.Srinivasan principal, KIOT presided over the function. Training Director, Prof.M.Thangavel coordinated the event and Dr. N.Santhiyakumari HoD addressed the gathering. In his ecture, Dr. Sridhar Krishnan explored the opportunities and ways to enter into Ryerson University, Canada. He provided information about the courses available and also briefed on the internship program at the university. Then, he delivered a lecture on recent trends in signal processing and their applications in the real world. With the help of various sensors, he explained the feature extraction process in signal analysis by making use of human knee. He explored the opportunities to enter into the research field, which needs minds that are more human. More than 400 students have participated and gained knowledge by this guest lecture. The participants were interactive and made the session lively by asking various questions with the chief guest.

IEEE Benefits Meet



On 8th Aug 2013, as a motive to enlighten students into the technical world, the IEEE SB organized a membership drive for the students of KIOT. Mrs M.Shenbagapriya gave a brief introduction to IEEE, its history, Mission, Vision, who can join, the membership grades and about the IEEE's 10 regions.

She continued with a session on membership benefits such as spectrum magazine, email alias, awards and contests, IEEE Xplore and more were explained. She also emphasized on the role of different office bearers and committees.

Guest lecture on “How to do Real-Time Projects”



On 22nd Aug 2013, a guest lecture on How to do Real-Time Projects was organised by IEEE SB and INTEC by Mr. M. E. Rajamanikam, Director, Shree Gemini Kits and Spaare, Chennai. He started his session with the methodology to work out a project, and explained three main factors and best way to execute a project namely planning, implementation and analysis. He also provided several tips about the basic methodologies for doing best projects. He had shown demo about automatic fire extinguisher. The session was helpful in training the students as industry ready candidates and to take on further challenges.

Sri Muthukumaran Institute of Technology

PRENGUTA

The WIE affinity group of SMIT-Student Branch organized an online event –“Pregunta” on 16th of June 2013 to recognise the technical skills of the students. The event was open to students of all branches who were expected to give an explanative answer for the questions asked according to their respective branches. The event had 25 participants. The EEE Dept. participants were asked to give suggestions to minimise the losses in wireless transmission which works on mutual induction principle. The CSE Dept. students were asked to present a solution to overcome the shortcomings of bar-code reader while the ECE students were asked to explain the role of clippers in on-off decorating lamps and the Mechanical students were asked to give solutions to overcome the ignition problem of the engine while using HCCL fuel.

HunteR

HunteR, an online event, was conducted by IEEE on July 10, 2013 to expose the students to the trickiest questions which would be faced in a HR round during the recruitment process. The questions asked were on what would you do with a crumpled bit of paper, what would be reaction upon seeing a Penguin at your door wearing a hat, how much one should be charged for washing all windows in Chennai, rating of your life on a scale of 1 to 10 and many more. Students were excited with the kind of questions asked and showed their secretion of creative juices. The event was open for 20 days and was closed on 31st July,2013. There were 20 participants for HunteR which was open to students of all branches. The event served as a preparatory ground for the students before they would actually experience the recruitment environs.

WIE Awareness Program



The IEEE WIE SB conducted an awareness program on WIE for the 2nd year EEE students on 10th July, 2013. Miss. S. Divya, Secretary gave a brief introduction about IEEE and its benefits. Miss. Pooja Vijayaraj, Chairperson, highlighted the functioning and importance of Women in Engineering in IEEE. She also motivated the students to get involved in all the activities and improve their volunteering skills. The students were also encouraged to come up with new ideas which could be implemented through WIE. The students actively interacted during this session with much enthusiasm and interest.

IEEE CS Guest Lecture on Cognizance of IT Industry for Blooming Novices

IEEE CS organised an event “Cognizance of IT industry for blooming novices” on 19th July 2013 for the third year students of CSE. Mr. Vikraman, Research and Development Associate, Indium Pvt Ltd addressed the students on the nature of IT fields, software development, software testing, and database management. He also clarified the queries on troubleshooting. The “Self-analysis table” provided an idea for the students to estimate themselves regarding communication and technical skills. Students came to know about the websites for job portals like naukri.com, glassdoor.com, etc. About 80 students attended the event enthusiastically.

IEEE Computer Society INSIGHT

The INSIGHT program of the IEEE Computer Society Chapter took place on 20th July, 2013. The programme started with a formal introduction by Mrs. B. Thenkalvi, Chapter Adviser, IEEE CS and the office bearers. Right after, the Ice-Breaking session was taken over by Ms. Divya, Secretary, IEEE CS. A contest “Guess the Logo” was conducted with the student audience to refresh-up the event and it worked really well. The students were more than active enough, to guess the logos and the winners were encouraged with IEEE CS goodies. In the next session, Mr. Prasanth, Chairman IEEE CS presented a topic “IEEE CS and its Significance” and by this, the students became aware of the actual happenings inside IEEE CS. Ms. Aparna, Treasurer IEEE CS, also addressed the gathering later, on a brief-description of the events undertaken by IEEE CS so far. The programme ended with the distribution of pamphlets.

RAET'13: National Conference on Recent Advances in Engineering and Technology



The second national level conference RAET (Recent Advances in Engineering and Technology) was conducted by the combined effort of ECE Dept. and the IEEE COMSPOC SB on 8th August 2013. Prof. Shanthi Chellai, HoD/ECE welcomed the gathering. Dr. R. M. Suresh, Principal delivered the inaugural address and explained the facets and importance about a national conference. The chief guest Mr. Iniya Nehru, Senior Technical Director, National Informatics Centre, Chennai enlightened the crowd with

his vision on technological advances. Many knowledgeable ideas and information was shared by the chief guest. The conference gained the momentum when the interesting facts about the state of technology today were compared in contrast with that of the days dated thirty years back. Several hardcore truth about the points to be noted when the industry is taken into picture was explained by the guest in an effective manner. With 80 participants from various departments participating actively in the conference, several participants presented their technical papers and made the conference a place for technical advancement. Mr. Muthushankar, Asst. Prof delivered the Vote of Thanks. The conference wound up with the certificate distribution for the participants.

Seminar on Electrical Safety and Earthing Design



The WIE SB organised a technical seminar on “Electrical Safety and Earthing Design” on 22nd Aug 2013. The Chief Guest S. Appavoo, CEIG started the seminar with a briefing on the electrical safety system used in today’s world. He then discussed about the different concepts in electrical safety and the grounding techniques prevailing in different parts of the world. He enlightened the participants with his knowledge and emphasized the importance of electrical safety and grounding techniques. Many queries were raised by the students and they got equipped themselves with the idea of electrical safety.

Ethical Hacking

In day-to-day life, the usage of social networks is predominantly high. Hacking is the major crisis endured by the users. In order to triumph over the hacking, user must have a spotlight about ethical hacking. IEEE-CS SMIT conducted a two days’ workshop entitled “Ethical Hacking” on 23rd and 24th August, 2013 in which around 90 students of third year CSE Dept. participated. Prof. S. Govindhan, HoD/CSE delivered the welcome note. After an address by Mrs. B. Thenkalvi, Chapter Advisor of IEEE-CS, Mr. A. E. Kumaran, Team Lead, Tech Mahindra delivered the keynote address. The first day of the workshop had theory sessions in which Mr. A. E. Kumaran explained about ethical hacking, the dissimilarities between hacking and ethical hacking and provision of security to their websites and tools which support hacking. On the second day, students were involved with the hands-on training. Students were allotted computers at CSE lab with software tools installed on the systems. Students took a keen interest in exploring the various tools and worked with them efficiently. The day concluded with a brief session on Java quiz thrown to the students.

M. P. Nachimuthu M. Jaganathan Engineering College

Inauguration of the SB activities



The activities of the IEEE SB and the EEE Dept. Association were inaugurated on 16th Aug 2013 by Shri. S. Sundaramoorthy, Managing Director, Sunshiv Electronics Solutions Ltd, Coimbatore. The function was presided over by the Correspondent Tmt. Vasantha Sudhanandhen who in her address encouraged the emerging engineers to participate enthusiastically in all the association activities and showcase their talents. Principal Dr. S. Muthu, felicitated the gathering. In his special address, the chief guest explained the working principles of various Electrical and Electronic equipments. Besides, he briefed on the various job opportunities available and also the ways to seize the opportunities.

Sona College of Technology

Inaugural Function



The inaugural function for the IEEE SB and WIE affinity group activities was held on 12th Aug 2013. Dr. C. Easwarlal, SB Counselor, in his inaugural address informed the new members about the facilities available in IEEE. He suggested the students to conduct weekly seminar presentations. Dr. S. Padma, coordinator for IEEE and WIE introduced the office bearers for the academic year, informed the students about the achievements of the student branch in the previous year, and requested the students to co-operate in all the activities in this year. The chairperson gave a plan of activities for the academic year 2013-14.

Guest Lecture on “Low Voltage Distribution”

A Guest lecture on Low Voltage Distribution was conducted on 17th Aug 2013. The resource persons were Mr. G. Raghavan, National Head, Renewable Energy and Business Development Energy Products Division, Raychem RPG (P) Ltd and Mr. J. Veer Raj Naik, Manager, M/s Tyco Electronics, Raychem RPG (P) Ltd. Around 150 students participated in the programme in which Mr. Raghavan discussed about the distribution system and the current trends and Mr. Veer Raj Naik discussed about the underground cables and the distribution system.



Induction Programme

A special IEEE awareness program was conducted exclusively for the first year students on 21st and 22nd of Aug 2013. Dr. S. Padma, the staff coordinator of the IEEE & WIE presented about the importance of IEEE and the benefits for the students through IEEE. She also presented about the activities of Women In Engineering Affinity Group. An announcement for the quiz and paper presentation were made to attract more members from the freshers. A total of 600 students attended this two days programme.

WIE guest lecture for school teachers & students



A guest lecture on “Energy Conservation and Environmental Protection” to the school teachers was presented on 24th Aug 2013 by the WIE & IEEE student branch coordinator, Dr. S. Padma, Professor, EEE Dept. Sona College of technology, Salem.

Around 100 school teachers and students from various schools around Salem attended this programme.

Solar Lamp Design Workshop



The IEEE & WIE SB organized the Solar Lamp Design Workshop on 24th Aug 2013. The Tamilnadu Energy Development Authority supported this programme. The workshop was conducted by Solarillion Foundation and IEEE SIGHT, IEEE Madras Section.

The resource persons are from Solarillion Foundation. After the theory sessions of the workshop, hands-on training was given to the students in the dept. laboratory.

Around 85 students from various colleges attended this workshop.

Sri Ramakrishna Engineering College

PHOTON '13 -- One day Intra-College Fest



The IEEE SB organized Intra-College Fest, PHOTON '13, with both technical and non-technical events on 29th Aug 2013. Dr. N.R.Alamelu, Principal, inaugurated the fest. The fest included the following events: Photography (Photo'on); Quiz (Enigma zone); Circuit & Code debugging (Atladda); Ship Wreck (Footlockers); Debate (Techie-Toreadors); Ad-zap (MADEX unleashed); Hide and Seek (PIC GIGS); and

Turn Coat (Texsparanz), an eloquent competition to bring about talented orators. Professors from various disciplines who are IEEE members were invited as judges for the finals.

National Level Workshop



The IEEE SB & the ECE Dept. - PG (VLSI Design) organized a two day National Workshop on "Hands on Training in Signal & Image Processing Applications using Xilinx System Generator" in association with CoreEL Technologies India Private Limited, Bangalore during 22nd & 23rd Aug 2013. Mr. Damodara M.S, Product Manager, CoreEL Technologies India Pvt. Ltd. inaugurated the workshop. Dr. N.R. Alamelu, Principal delivered the presidential address and Dr. M. Jagadeeswari, HoD welcomed the gathering of about 60 participants (including Research Scholars, PG Students and R&D organizations).

The objective of the program is to allow the participants to explore the

Xilinx DSP Design flow with System Generator tool and its integration with MATLAB/Simulink for addressing hardware implementation of DSP & Multimedia (Image and Signal processing) algorithms using Xilinx FPGA. Intensive Hands on training to implement a design from algorithmic concept to hardware verification by using Xilinx FPGA capabilities was given to the participants by the Technical Resource persons from CoreEL Technologies.

Sri Venkateswara College of Engineering

Inaugural Function of IEEE SB Activities



The inauguration of the IEEE SB activities was held on 7th Aug 2013. Mr. T. S. Rangarajan, Chairman; IEEE Madras Section presided over the function in the presence of Dr. Ganesh Vaidyanathan, IEEE Student Branch Counselor and Dr. Ramachandran R, Director of Research, SVCE. After the induction of the office bearers for the year 2013-14, the Chief Guest delivered an exciting talk on "Radio Frequency Identification (RFID)"

highlighting the essentials of RFID technology and the scope for the same in the near future. The students learnt the basics of the RFID tag viz. the integrated chip and the antenna enclosed in a polyethylene media. The presentation was supplemented with a couple of informative videos on the application and relevance of RFID technology, one of which was based on the concept of the FUTURE STORE. Mr. T.S Rangarajan also threw light on the industry applications of RFID, including Inventory Management and Supply Chain Management. After the presentation, Dr. Ramachandran, Director of Research briefed on the benefits of IEEE to the gathering and urged the students to join IEEE and get benefited.

Muthayammal Engineering College

Certification Course on “Introduction to LabView, Data Acquisition & Signal Conditioning”



The IEEE SB in association with Vi-Solutions, Bangalore organized a five-day certification course on “Introduction to LabView, Data Acquisition & Signal Conditioning” from 2nd Jul to 6th Jul 2013. At the inaugural session, Dr. S. Nirmala, HoD welcomed the participants and Prof. T. R. Suresh Kumar inaugurated the course and advised the students to make use of the opportunity to develop their ideas for developing their knowledge use those ideas in research and in student project works.

Mr. S. Akram, Applications Engineer, Vi-solutions, delivered the lecture on LabView technology and also explained the students about CLAD (*Certified LabVIEW Associate Developer*) exam. He provided valuable information and scope of writing CLAD exam to the students. He also outlined the developments taking place in Labview. He, further explained the working of Boolean functions in the operations of Labview and the loop structures with different tasks like secure file with password, disappear the objects etc and array functions. In this course, 49 students participated from the Dept. of ECE.

Certification Course on “Cloud Computing”



A certification course on “Cloud Computing” was organized by the IEEE SB in association with ICT Academy of Tamil Nadu and EMC² during 5-17, Aug 2013. Prof. K. Gunasekaran, Secretary welcomed the resource persons and participants. Dr. S. Nirmala, Vice-Principal inaugurated the program. The resource person from EMC², Mr. Rajesh Nambiar, Head-Academic Alliance, Bangalore, gave an introduction about the program and Mr. P. Shanmugavel, Trainer, ICT Academy of Tamil Nadu, conducted the program. The course, conducted in 11 modules over 10 days created a lot interest among the students in the field of cloud computing technology. It also

provided the platform to encourage their innovative ideas and implementing by means of projects.

The course, which was attended by 104 student participants, covered various aspects of Cloud Computing such as Classic Data Center, Cloud Computing Primer, Cloud Infrastructure and Management, Cloud Security, Business Continuity of VDC, Fault Tolerance Mechanisms, Backups, Replication and Migration Techniques.

Thiagarajar College of Engineering

Photography Event



The IEEE SB Engineering conducted its first event for this academic year (2013-2014) on 7th Aug 2013. It was a Photography event intended to test the participants’ photographic skills, basic knowledge on image processing techniques and their ability to apply the basics of their engineering knowledge to relate to the topic given. The second year students were given the topic COLOURS and the third years were given a more abstract topic THREE. In addition, to test the creativity and lateral thinking ability of the participants, they were asked to make a story, on the spot, out of the pictures they displayed. All the IEEE members participated with a lot of involvement

and enthusiasm.

VIT University Chennai Campus

Inauguration of IEEE Power Electronics Society SB chapter and Technical Talk



The Inaugural meeting cum technical talk of the student chapter of the IEEE Power Electronics Society was held on 29th Aug 2013. There were 65 attendees including 21 IEEE members.

Dr. Sreedevi V. T., Faculty advisor welcomed the gathering. Mr. Sajin M, Chairman of student chapter, introduced the office bearers and briefed on the activity plan for the future.

Mr. T. S. Rangarajan, Chairman, IEEE Madras Chapter, inaugurated the PES SB chapter and addressed the student on how to use power electronics for the benefit of common man and effective utilization of renewable energy resources by explaining various case studies.

The inaugural address was followed by an invited technical talk by Dr. K. Selva Jyothi, Asst. Prof, IIT D&M, Kanchipuram, on “Applying FPGAs in Power Electronics”.

MATLAB Workshop

IEEE PELS Chapter organized a workshop on MATLAB on 31st Aug 2013 as a part of the research based learning. The speakers at the workshop were Mr. Arun Kumar, Secretary, PELS SB chapter, and Mr. Sanjay Raju. Mr. Arun Kumar, in the first session, enlightened the participants about the basic concepts of MATLAB and briefed on the structure of programs following which Mr. Sanjay, engaged the students to develop their own programs and designing circuits for simulation. The workshop which was meant for the student of MTech 1st Year Power Electronics & Drives attracted 25 participants who found it extremely valuable.

Thangavelu Engineering College

Workshop on Robotics And Embedded Systems



A two day workshop on robotics and embedded systems was organized by the IEEE SB in association with EPR Labs on 6th and 7th Sep 2013. The workshop was inaugurated by lighting the kuthuvilaku by Mr.Purushothaman, founder of EPR Labs which was followed by a technical talk about robotics and embedded systems.

Participants from various IEEE SB groups such as Sathyabama University, SRR Engineering College, Sree Sastha Institute of Engineering & Technology, Sri Venkateshwara College of Engineering, Anna University CEG, Jeppiaar Engineering College, Meenakshi Sundararajan Engineering College, MNM Jain Engineering College, Jerusalem College of Engineering, Asan Memorial College of Engineering and Technology, TJ Institute of Technology and Thangavelu Engineering College actively participated in the workshop. The practical hands-on-training kit was provided to each team individually during the workshop. Well trained professionals from EPR Labs mentored the participants. At the end of the workshop, participation certificates were provided to all the participants.

Ranganathan Engineering College

IEEE SB Activities Inauguration & Guest lecture

The EEE Dept and IEEE SB organized a guest lecture on “Automotive Embedded Product life Cycle” on 9th Aug 2013. The chief guest, Mr. Gobi Durairaj, Senior Associate Engineer, Caterpillar India Pvt.Ltd., Chennai, in his address, spoke on the importance of Automotive Embedded Systems Design & Development Lifecycle Model such as V-model in engineering field. He interacted with the students about the industry recruitment process & interview tips such as having good percentage of more than 75%, aptitude, group discussion, technical interview, and additional courses to improve the skill set. He concluded his address by saying “Work towards your goal, success is just in front of you”

Faculty members of EEE, CSE and ECE depts. and about 200 students participated in this function. Dr. S. Nithyanandam, Principal, presided over the function. Mrs. Mahalakshmisridhar, HoD/EEE welcomed the gathering and Mr J. Mohan, IEEE Staff Coordinator introduced the SB office bearers.

Value added course on “Mobile Phone Service Technology”

The IEEE SB had organized a value added course on mobile phone service technology from 4th Sep to 6th Sep 2013, in association with New Technology Mobile Service and Training Institute, Coimbatore. The mobile phone



architecture and important topology like ringer mike speaker, motherboard, keypad, display, touch and software were discussed in detail. Hands-on training on several models of mobile phones like Nokia, Samsung, Sony, Karbon, Micromax etc. was also provided.

During the valedictory function Dr. S. Nithyanandam Principal and Mr. B. Krishnakumar, Managing Director, New Technology presented the certificates to the participants. Convener Prof. Mahalakshmi Sridhar HOD/EEE felicitated the gathering. IEEE SB coordinator Mr. J. Mohan, AP/EEE, proposed the vote of thanks.

Technical Symposium ZEETA ‘13



The 4th national level technical symposium, ZEETA’13 was organized 31st Aug 2013. The symposium, which had a participation of over 300 students from various engineering colleges, included seven events: Paper Presentation, Project Exhibition, Circuit Debugging, Fun Game, Short Film Show, Flicker and Quiz.

Mrs. Mahalakshmi Sridhar, HOD, EEE welcomed the gathering and Dr. S. Nithyanandam, Principal presided over the function.

The chief guest, Krishnakumar, Vice President, Southern India Engineering Manufacturers Association (SIEMA), Coimbatore released the symposium souvenir, which included the schedule of various symposium events, abstracts and details of technical papers presented, and achievements of students and faculties of EEE Dept. during the academic year 2012-13.

In his inaugural address, Mr. Krishnakumar shared his views on the role of the educational institutes for the overall development of the engineering students so as to support the industry & corporates. He stressed the need for active participation in various technical events to sharpen the skill set. He added that as engineers, teamwork is an essential need of the day and a good team leader characterizes a good team member. He advised the engineering graduates to focus on solar power generation, which may become the major source of power in the future. He further stressed over the development of entrepreneurship among graduates, which is the reflection of Coimbatore city which is known for its entrepreneurship of its residents.

The guest of honor, Mr. D. Venugopal, Senior Architect, Robert Bosch Engineering and Business Solutions Ltd., Coimbatore delivered a motivational speech to encourage the students. He emphasized that students should have domain knowledge, creativity, attitude, goal setting, and hard work to gain entry and survive in a company. Students should tune their mind set towards research activities and symposia serve as a platform to inculcate the research aptitude. He wished that each engineering graduate should be a solution provider apart from being a team member in major developmental works. The inaugural session ended with the vote of thanks by the SB Secretary Mr. Paventhan C.

Kumaraguru College of Technology

Guest Lecture



The Dept. of IT organized a guest lecture on “Challenges of Voltage Regulator Integration for Microprocessors and SOC’s” by Dr. Shamala Chickamenahalli, Research Engineer, Intel Corporation, Chandler, AZ, USA on 18th Jul 2013.

Dr. Shamala Chickamenahalli, specializes in the area of power converters for CPU and SOC’s. Earlier to her joining Intel, she had worked in India in the design and research of power converters at Kirloskar Electric Co Bangalore and Mysore and on EMI research and Nuclear Electro Magnetic Pulse simulators as Scientist at LRDE Bangalore. She had also served as an Assistant Professor at the College of Engineering at Wayne State University, Detroit, Michigan teaching and conducting research in automotive power applications for five years.

At Intel, she has worked on several aspects of voltage regulator concepts that power the CPU with a goal of being integrated for better power performance, transient response and output quality. She has served as research mentor for several Intel funded research and fellowship programs on voltage regulator ingredients at several US universities.

The guest lecture started with an introduction to Voltage regulators and Power System for the SOC (System on a Chip) and on the problems that have been faced by the research scholars in this field. The Speaker explained the complexities of the Intel core processors and the problems facing on embedding a voltage regulator inside the CPU system. The power supply system has various voltage regulators, which will deliver different range of voltages for different kinds of components. She further explained the various types of the voltage regulators and the problems that are caused by the inductor in it and also other problems such as eddy current loss. The speaker also explained about the Latest Intel processor “HASWELL” which has the very minimum gate length of 22 nm inside the transistor.

Announcements

National Level Student Competition on Renewable Energy

A national level student competition on renewable energy is being organized by Tamil Nadu Energy Development Agency (TEDA) and is conducted by Solarillion Foundation & IEEE Madras Section SIGHT (Special Interest Group on Humanitarian Technology) in two stages with 18th Oct 2013 as deadline for the stage 1 and 1st Nov 2013 for the stage 2. Three awards of Rs. 10000, Rs. 7500 and Rs. 5000 are announced. For more details contact: tedacompetition@gmail.com or visit www.tedacompetition.com

FDP on “Advanced Control System”

Dates & Venue: 25-26, Oct 2013 at Sri Ramakrishna Engineering College. For regn. and other details, pl. contact: IEEE Madras Section, Room No. 3, ISTE Professional Centre, Gandhi Mandapam Road, Chennai 600025. Tel: +91 44 2442 3939 Cell: 93823 28776 Email: ieemas@gmail.com

IEEE CS Distinguished Visitor & Lecture Programme in Dec 2013



Dr. San Murugesan, Distinguished Visitor of IEEE Computer Society & Director, BRITE Professional Resources & Adjunct Professor, University of Western Sydney, Sydney, Australia will be in Chennai for delivering a IEEE CS Distinguished Lecture for the members of IEEE CS & IEEE during 17-19, Dec 2013.

He has expressed his consent to deliver one / two additional lectures in some institutions in and around Chennai during this period. If any of the institutions near Chennai are interested in hosting Prof. San Murugesan may pl. send their request by email to harmohan.ieee@gmail.com for doing the needful in consultation with Dr. San Murugesan.

Prof. San Murugesan can deliver guest lectures, tutorials on the following topics: Green IT; Cloud Computing and Its Applications; What is Web 3.0, and Why You Should Bother About It Now; The New World, Smart Systems, and Agent Renaissance; and IT in Emerging Markets: Harnessing the Opportunities and Addressing the Challenges

To know more about him and his expertise, pl. visit <http://www.computer.org/portal/web/chapters/Murugesan>

Call for Nominations - 2013 IEEE Region 10 WIE Student / Professional Volunteer Award

R10 WIE Student / Professional Volunteer Award has been established to recognize individuals who have exhibited exemplary and substantive leadership of an extraordinary nature in implementing activities which support the visions of R10 WIE at the local, regional, national, and/or international level. The accomplishments of the candidate should be of "significant performance" and should have made a distinguishing contribution to R10 WIE.

IEEE Region 10 WIE Student Award targets R10 WIE Student Member grade.

IEEE Region 10 WIE Student Award targets R10 WIE GOLD Member grade or higher.

Completed nominations may pl. be to your Section Chair for endorsement and further transmission. The completed form must be sent to IEEE R10 WIE Coordinator by the end of October in electronic means on or before 31st Oct 2013. For more information, please contact takako@cuc.ac.jp and also refer to the email posted by the Section.

Call for Nominations - 2013 IEEE Region 10 GOLD Award

Every year, Region 10 GOLD recognizes an individual volunteer whose substantive projects or achievement of a relatively short nature (one to three years) have left an undeniable imprint on the fabric of GOLD operations within Region 10. The award will be based on a selection that recognizes individuals involved with GOLD activities who are recognized for singular achievement in the development and completion of a project(s) or activity(ies) which are directed to the fulfillment of one or more of the Region's goals and/or objectives.

The completed nomination form should be endorsed by the Section Chair and submitted to the Region 10 GOLD Coordinator , Rayees Nishad (rayees.nishad@gmail.com) latest by 10th November 2013.

For more information, please contact Rayees Nishad , Region 10 GOLD Coordinator at rayees.nishad@gmail.com and also refer to the email posted by the Section.

Congrats to Prasanth Mohan for receiving IEEE CS Richard E Merwin Scholarship



The prestigious Richard E. Merwin scholarship from IEEE Computer Society has been awarded to Mr. Prasanth Mohan a fourth year Computer Science student of Sri Muthukumaran Institute of Technology (SMIT), Chennai for his exemplary service to the society. With a great effort, he is one among the initiator of IEEE CS Chapter at SMIT. He is currently serving as Webmaster of IEEE SMIT SB. He is also the Chairman of IEEE SMIT Computer Society Chapter. He also serves as the Chennai Hub leader for IEEE Madras Section Student network. At present, he is elected as Regional Student Ambassador for IEEE Computer Society. Prasanth Mohan is one among the 16 students globally to receive this scholarship <http://www.computer.org/portal/web/studentactivities/merwin> from IEEE Computer Society. IEEE India Info congratulates Mr. Prasanth Mohan.

Congrats



LINK congrats the student team from Sri Shakthi Institute of Engineering and Technology, Coimbatore for winning the First position in the Design Ace 2013 competition conducted by Barry-Wehmiller International Resources (BWIR). The winning perks include Prize money of Rs.40000, a sponsored European trip and a 4 month Internship at BWIR!. The team was able to win the finals with the presentation of an innovative model of “Foldable Car”, which enables easier mobility and reduces traffic congestion. At SRI SHAKTHI, Students are exposed to the use of high end software like Autocad, Solid works, CATIA, ANSYS and NASTRAN to design, model, animate and simulate a concept along with the use of

electronics and PLCs to incorporate the smartness for any new product.

Link congratulates Mr. Sampathkumar Veeraraghavan, the past chairperson of IEEE Madras Section GOLD Affinity Group for having selected to receive the Young Alumni Distinguished Award 2013 from Tufts University.

ICRESE-13: International Conference on Renewable Energy and Sustainable Energy: Karunya University is organizing an International Conference on Renewable Energy and Sustainable Energy (ICRESE-13) during 5-6, Dec 2013 at Coimbatore. The last date for Paper Submission has been extended up to 15-10-13. For details, visit www.karunya.edu/eee/ICRESE13

September 2013 issue of IEEE Life Sciences Newsletter: The newsletter edited by Nitish Thakor brings you the views of advances in some widely diverse areas of the application of technology in Life Sciences In our video, Stephen Quake gives his insights into the impact of large scale microfluidic circuitry. Next, learn about work underway in the emerging field of single-cell genomic sequencing. In the Computational Biology Corner, Sager looks at the possibilities for improved cancer therapy based on improved mathematical models of the factors in cancer growth. Last, but not least, you can also see how some miniaturized circuitry will enable intracranial pressure monitoring - in a laboratory rat!. Access the newsletter at <http://lifesciences.ieee.org/publications/newsletter/september-2013>

SAGCEE-13: International Conference on Sustainable Approaches for Green Computing, Economy and Environment: Vinayaka Mission's Kirupananda Variyar Engineering College, a constituent college of Vinayaka Missions University, Salem is organizing the International Conference on Sustainable Approaches for Green Computing, Economy and Environment during 9-11, Dec 2013 at Salem. For details, pl. contact icsagcee13@gmail.com or contact@sagcee13.org and visit www.sagcee13.org



STUDENT ONLY CAREER FAIR

Date: 14.11.2013

Objective: To provide the student community with an opportunity of meeting the recruiters from top companies and obtaining jobs and internship opportunities.

- Be sure to submit your resume to the Resume Database to be considered for internships and jobs at sponsor companies.
- The Student Only Career Fair is open to all aspiring students who are attending the conference. A limited number of passes are also available for career fair only – apply online to attend.
- For more information, please contact: <http://gracehopper.org.in/2013/conference/student-only-career-fair/>

Poster Sessions: The students are also encouraged to submit posters for the conference in one of the topics given. For complete details on the posters pl visit <http://gracehopper.org.in/2013/participate/call-for-participation-poster-session/>

IEEE Madras Section membership status as on 1st Sep 2013

Affiliate	13
Associate Member	126
Fellow	2
Graduate Student Member	1000
Life Fellow	2
Life Member	4
Life Senior	12
Member	2499
Senior Member	119
Student Member	7154
total	10931

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