IEEE-MAS Link

Newsletter of IEEE MADRAS SECTION

Vol. 12   No. 13   October 2015

Message from Chairman

Dr. N. R. ALAMELU

Esteemed Members,

Greetings,

I am extremely happy to share with the members that two of our students from the Student Branches of Sri Muthukumaran Institute of Technology and Sri Sairam Engineering College have received the IEEE Student Enterprise award for their projects from the MGA students activity committee. The executive committee of IEEE Madras Section congratulate the winners of this award. I am very happy to share with the members that the formation of Information Theory Society Chapter has been approved and was inaugurated on the 21st of November 2015. I am also happy to inform that with the support of R10 the IEEE Madras Section is organizing a mini-POCO on 29th December 2015 at Chennai. Mini – POCO will focus on the strategy planning for a conference, exploring the funding options, innovative tools for plagiarism check, acquiring peer knowledge for review and scholarly publications. It would also highlight the IEEE best practices in organizing the conferences. The sessions are being delivered by senior academicians and researchers who are experienced in organizing conferences. The institutions and IEEE student branches are requested to register for this conference

Please register - @www.ieeemas.org/* and for contact Prof. Dr. R. Hariprakash, Convener-2015, IEEE Mini-POCO, Mobile Number: 9952086700, Email Id: rhp_27@ieee.org**

I am sure that this conference will improve the quality of the conference being organized ad will prove to be useful for all the members.

Wishing You All the Very Best   Your Affectionate Office Bearer

Dr. N. R. Alamelu

Message from the Editor

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I am happy to write editorial for the October issue of MAS LINK. The October issue contans two issues. (Vol. 12 ISSUE 12 OCTOBER 2015 and Vol. 12 ISSUE 13 OCTOBER 2015). In reporting,   many institutions are sending the reports of activities in the previous months and the verification of reports published is becomng a difficult task. The same report may be reported in more issues. I request all members to send the reports pertaing to the previous month only. The report should reach within 5th of next month   Imay be forced to not to report about the previous month reports.

Ministry of Human Resource, Department, Government of India   launched The National Institutional Ranking Framework to rank higher educational institutions in the country based on the objective, verifiable criteria. The ranking system is expected to promote   excelance in education in a competitive environment. Publication plays a vital role The publication in reputed journal helps in   getting better ranks.   Publications indexed in Scopus, Web of Science and Google Scholar only will be counted for assesment. The citation also   is counted for ranking. IEEE provides pltform for good publication and make use of   IEEE resources for improving the ranking of the Institution.

<div align="right">Dr. S.ARUMUGAM</div>

SRM UNIVERSITY

Circuit Connect'15

IEEE organized Circuit connect'15 program on 16th September 2015. Welcome Address was given by the Event Coordinator, Mr. V.N Ganesh. Students from 1st, 2nd and 3rd years participated. 55 teams turned up for the event. Round 1: MISSING MAZE: Students were given questions based on tracing the current in the circuits, finding the missing component in the circuit and basic electrical knowledge. Ten teams qualified for round 2. Round 2:I-M-PEDANCE:In this round the teams were asked to determine the impedance of the circuit and also were asked to draw an equivalent circuit using the resistors given for the given equivalent resistance. Only 6 teams qualified to the next round. Round 3: DE_BUGIn this round students were asked to simplify a given complex circuit. Only 4 teams qualified. Round 4: RAPID FIRE QUIZ: Students were asked to answer the questions asked in 1 minute and 30 seconds for a rapid fire round. The questions were based on basic electrical, basic electronics and circuits. The winners for the event CIRCUIT CONNECT were declared from the result of this round.

SRM UNIVERSITY

IEEE STUDENT BRANCH INAUGURAL AND VERSIO'15

   IEEE Student branch inaugural function was organized on September 3, 2015. The Head of Department, EEE welcomed all the dignitaries, staff and students of the university and also from the other institutions. Dr. V Subbiah Bharathi, Dean delivered the Presidential Address. He inspired the students to be innovative in their thoughts and also encouraged them to imply them practically. He congratulated the department of Electrical and Electronics Engineering of the campus for their academic success. He ensured that research and innovations are not just restricted to scientists and professors but are also for students also. He motivated the students to

inculcate the idea of 'Jugaad' innovations. He also educated the student community about the professionalism one can gain by being part of an international society - IEEE Student Branch. The felicitation address was given by the Vice Principal Dr. L Antony Michael Raj. He wished the department of Electrical and Electronics Engineering – the faculty members and the students – for the successful conducting of the symposium VERSIO. He congratulated everyone for the inaugural of IEEE Student Branch and also suggested events that could be conducted by the Student Branch. He also mentioned about the successful activities that were conducted by the department under Renewable Energy Club in collaboration with the Department of Mechanical Engineering. He thanked the department for the contribution of 12 Solar street lamps in the campus and also for the ongoing Solar Water Heater for the hostels which is under planning. The Chief Guest Mr. H R Mohan, President, The Hindu and Chairman IEEE Professional Communication Society. He enlightened the students with importance of students to be IEEE members and other technical societies. He gave the students a brief about IEEE and its various activities conducted worldwide. Various benefits for the student IEEE members were brought to everyone by the chief guest. The support for projects and conferences for students by IEEE and the IEEE Madras Section was announced by him. Also he motivated the students by announcing the various IEEE Student Branch Awards and other awards for student members. He encouraged the students to participate in various conferences, meetings and workshops. The Student Coordinator of VERSIO'15 gave the informative execution of the various events that were conducted on the day. The number of participants registered for the various events were:

 Paper Presentation : 44 teams, Technical Quiz : 40 teams, Circuit Debugging : 62 participants, Mini Projects Expo : 34 teams, Dumb –C : 55 teams, Gaming : 30 participants, Brain Teaser : 32 teams, and Ad-zap : 30 teams. The Souvenir of the Symposium was released by the Chief Guest, Dean, Vice Principal (Academics), Head of Department (EEE) and the Staff Coordinator. The IEEE Student Branch Chair addressed the students about the benefits of being an IEEE member. He announced that the Student Branch had planned to conduct a National Level Conference and the Inaugural of Women in Engineering Affinity Group in the forthcoming semester. The winners for the IEEE Technical Quiz conducted by the Student Branch prior to the inaugural were awarded and the prizes were given by the Chief Guest.The Academic Toppers for the year 2014-15 from the Department of EEE were also awarded by the Dean and VP (Academics).The Best Volunteer awards for the symposium were also awarded for their efforts made to make the event a grand success. The Head of Department, EEE declared the symposium open for successful execution of the technical and non-technical events. The symposium was thus declared open amidst a lot of enthusiasm. The Staff Coordinator for the Symposium delivered the vote of thanks.

Paper Presentation:

  Mrs. K. Mala, Professor, Easwari Engineering College and Mr.A . Ezhmaran, MD, Access Global Technologies were the judges of the day. A total of 44 papers from various colleges were presented and finally paper by Mr. Ramachandran P, Sriram V and Srinath P from Anand Institute of Higher Technology were declared as the winners.

Circuit Debugging:

Participants from various colleges participated in the event and finally Mr. Satyam Karmakar and team from SRM University were declared the winners.

Technical Quiz:

Mr. Kiran Gulzar and Ms. Swarna Lakshmi from SRM University finally won.

Mini Projects Expo:

A total of 34 projects from various colleges were presented and finally project by Mr. Chandra Shekhar Singh from SRM University was declared as the winner.

Gaming:

The gaming was attended by students with a free hand in NFS game. Mr. Ajay from SRM University won the contest.

Ad Zap:

It was attended by students with advertising skills and knowledge. It was won by Mr. Amol and his team from SRM University.

Brain Teaser:

It was attended by students with good lateral thinking skills. It was won by Mr Gautham and his team from SRM University.
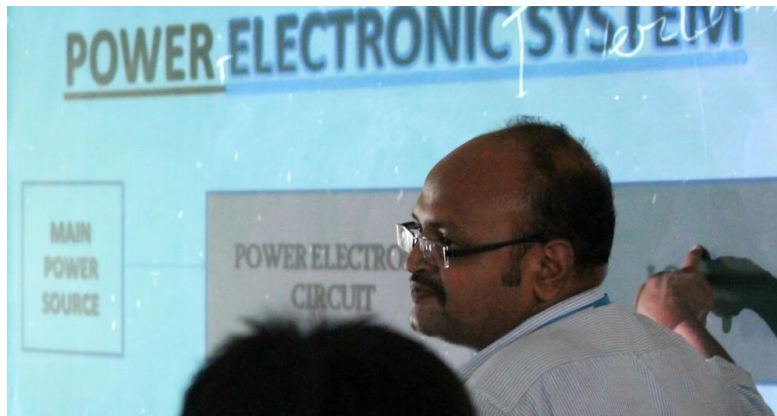
Dumb –C :

It was attended by students with expressive and acting skills. It was won by Mr Harsh Gupta and his team from SRM University.

Valedictory Function :

It was graced by Mr.A . Ezhmaran, MD, Access Global Technologies. The various winners of all the events were felicitated.

<p align="center" style="color:red">GUEST LECTURE ON RECENT TRENDS IN POWER ELECTRONICS</p>

On 14th September 2015, a guest lecture was organized on the topic : RECENT TRENDS IN POWER ELECTRONICS.   The lecture began with interesting inputs on conceptual basics on transistors. The guest informed the students about certain concepts which   dealt with practical applications of them.

A brief introduction on the thyristors and practical implementation helped in increasing the enthusiasm of the students.Basic concepts such as UJT, MOSFET, JFET and other switching devices were briefed about and the idea of using these in real life were shown to the students by the guest. The lecture was aided with visuals such as slideshows and videos. Some exercises with the help of MATLAB software were done and students were given a clear idea on using the software. Certain circuits which were discussed during the lecture were simulated on the software.

Reported by: IEEE SB Chair.

SSN COLLEGE OF ENGINEERING

'QU√-Z²'

Department of Biomedical Engineering conducted 'QU√-Z²,' an intra-collegiate technical quiz event, on August 20, 2015 under the banner of IEEE student branch and Engineering in Medicine and Biology Society (EMBS) Student Branch Chapter.Conveners: Dr. S. Pravin Kumar and Dr. V. Mahesh.Student Coordinators: Ms. Sushmitha S, Mr. AtulTaneja, Ms. B Tanushree Devi, Mr. Vishal SB, Mr. Surya Prakash D, Ms. AathiraHaridas, Ms. Keerthana M, Ms. Shanthini M, Ms. Ritu V and Mr. Vaibhav M. Eleven teams have participated for preliminary round. Each team comprises of one, two or three members. The students were given 20 questions, for which they must write the correct answer. Normal questions were 1 point each while starred questions were 2 points each. The participants were given 1 minute for answering each question. The topics were spread across all streams of science; from automobiles to biomedical engineering to electronics. Four teams were selected based on their performance in the preliminary round. In the finals, three rounds were held. All the rounds were 'One question per team' pattern, with the question being passed if not answered. Tie breakers were done using 'Sudden Death' format. After each round one team was eliminated. In the final round, two teams participated with two questions per team. The topics were again spread out across all streams of science and were of a higher difficulty than the preliminary round questions. Three places were found, with cash prize for the winners and runners-up.

WINNERS: Abhay, 2nd CSE, Vishwanath, 2nd Mechanical and Arjith, 2ndCSE, SSN College of Engineering

RUNNERS-UP: Abeshek Ram N, 3rd , Mechanical, Anand S, 3rd Mechanical, and Adhithya S, 3rd Mechanical
SSN College of Engineering.

3rd PLACE: Karnik Ram, 3rd , Electronics and Communication Engineering, SSN College of Engineering.

SSN COLLEGE OF ENGINEERING

The general meeting of IEEE-SSN Student Branch happened on 26th August 2015. The agenda of the meeting was planning events for the academic year and forming various sub-committees to take it forward. The meeting was presided by the student branch counselor Dr. R. Ramaprabha and other office bearers. The meeting was held in the coordination of Mr. Sai Krishna Dileep, Chairman, Student Branch and Mr. S. B. Vishal, Secretary, EMBS Student Chapter. Around 35 students attended the meeting. Various sub-committees formed during the meeting were, Student Activities Committee; Content Development Committee; Student Branch Newsletter Team; Membership Relations Committee.; Web Management Committee. Students were given opportunity to work with any of the above committees. A decision was taken to have the next meeting on 15/09/2015.

SSN COLLEGE OF ENGINEERING

 The general meeting of IEEE-SSN Student Branch was held on 16th September 2015. The meeting was presided by the student branch Chair Mr. Gadepalli Sai Krishna Dileep and other office bearers. The meeting was held in the coordination with Mr. S. B. Vishal, Secretary, EMBS Student Chapter. Around 30 students attended the meeting. The agenda for this meeting was: A presentation pn Gesture Controlled Devices by Mr. Harsh Vardhan

Raju, III year ECE Student and IEEE Member. A non Technical TED talk, followed by the discussion.Industrial Visit to various industries during the month of October.

SSN COLLEGE OF ENGINEERING

IEEE Day was celebrated at SSN College of Engineering on Oct 13, 2015. The day was jointly organized by SSN-IEEE student branch, IEEE Engineering in Medicine and Biology Society (EMBS) Student Branch Chapter (SSNCE) and IEEE Microwave Theory and Techniques Society (MTT-S). Around 300 UG/PG students attended.Dr. T. Thyagarajan, Chairman, IEEE Control System Society, Madras Section was Guest Speaker. He highlighted the importance of joining in IEEE professional society in this occasion. He motivated the students to apply projects, importance in publishing papers in IEEE conferences/journals, IEEE student awards, etc. There was an interesting interactive session with IEEE students.

Reported by Dr. R. Ramaprabha, SSN-IEEE Student branch counselor

SRI SAM RAM ENGINEERING COLLEGE

RENEWABLE ENERGY AND POWER ELECTRONICS WITH GRID INTEGRATION

A workshop on Renewable energy and Power electronics with grid integration was organized on 01.09.2015. 48 students attended the program. Various topics on types of converters and inverters were showcased

Reported by: Kiran Raj.

KONGU ENGINEERING COLLEGE

IEEE CELEBRATION

IEEE Student Branch celebrated the IEEE DAY on 7th October 2015. Branch Officer Bearers and IEEE Members from various departments participated. IEEE Code of Ethics was proposed by Mr. S.M.Soundarrajan, Secretary IEEE SB. Videos showcasing the IEEE Day Celebrations in Various Regions were displayed. Mr. C.Rajkumar, Chairman IEEE SB, ignited the Celebrations by describing the IEEE Day Theme "Leveraging Technology for Better tomorrow". Mr.K.Ancelm Rajan, Additional Secretary, IEEE SB highlighted the need of networking and various resources available in IEEE Collaborates. The Event named IDEA FLASH was aimed to motivate the Student Members to present their innovative ideas to improve our future by means of technology. Students were eagerly present their sparking ideas on 5G, Artificial intelligence, Efficient Solar Harvesting methods etc., Then, the celebrations continued with an discussion forum where Students were of two teams analyzed the 'Impacts of DIGITAL INDIA program. One group of members notified the positive outcomes of that program on society while another noted the unrealistic things of the program. Best Speakers were appreciated and Future action plans of our Student Branch were proposed. Finally the function came to an end by extending the gratitude to the mother land through National Anthem. Real Celebrations starts then. A Networking Session had been organized which had began with cutting IEEE cake. The party was filled with joy and excitement throughout. The IEEE Student Branch of Kongu Engineering College took pride in celebrating the IEEE DAY..

Reported by: S.M.SOUNDARRAJAN ,Secretary, IEEE SB-29741.

DR.SIVANTHI ADITANAR COLLEGE OF ENGINEERING

TECHNOQUIZ

A Techno Quiz was conducted on 4/3/2015 for second year students of ECE department. Two rounds were conducted. The teams were shortlisted by their performance and technical updates. The prize winners are:

Prizes	NAME
I	S.Maha Raja, N.Manikandan, K.Kamalan Lakshmi
II	M.Chockalingam, M.Maheswari, M.Karthika
III	I.Ahamedfaize, G.Kamatchi Sarojini, J.Anu Joel

MINI PROJECT EXPO

A Mini Project Expo was conducted on 13/3/2015 for second year students of ECE department. The teams were shortlisted based on the quality and originality of the projects and their presentation skills. Mr.G.Samuel Muthuraj Asso Prof/EEE judged the competition and listed the prize winners. The prize winners are:

Title of the project	Name of the winners
Security alarming system using LDR	S.Kandavadivelan, S.Maharaja, S.Alex Samuelraj, R. Jeya pravin, I.Ahamed Faize, N.Gopi.
Battery powered portable light	N.Sabrin Ramizya, A.Sai lakshmi, J.Roselin Ramya, M.Priyadharshini, M.Revathi Priya, S.Sivaranjini.
Electronic number lock using logic gates	B.Abirami, R.Brintha, M.Lininta, S.Lincy Augusta, D.Madhumathi.

APPLICATIONS & CHALLENGES IN VLSI & EMBEDDED TECHNOLOGIES

On behalf of IEEE Student Branch, an IEEE Sponsored One day National Conference was conducted on 20.03.2015 in the title Applications & Challenges in VLSI & Embedded Technologies. 67 participants from various institutions participated and presented their papers in the conference. The chief guest of the conference

was Dr.B.Sankaragomathi, Professor & Dean Academic, National Engineering College, Kovilpatti. The selected papers are categorized into three different areas and the experts of the relevant areas reviewed the presentations and gave valuable comments to the participants.

TECHNOTALK

A Techno Talk was conducted on 24/3/2015 for third year students of ECE department. The members were shortlisted by their performance and technical updates. The prize winner of the competition was S.Shanmuga Sundari of III Year ECE.

Reported by: V.D.M.Jabez Daniel, IEEE Student Branch Counselor

DR. N. G. P. INSTITUTE OF TECHNOLOGY
Orientation Program on IEEE Membership & its Benefits

The IEEE Students' Branch and Department of Electrical & Electronics Engineering organized seminar on control system for EEE students on 09th October 2015. Secretary Dr. Thavamani D Palaniswami, presided over the function. Mr. O. T. Bhuvaneshwaran, CEO, KMCRET (Kovai Medical Center for Research and Educational Trust), Dr. K. Porkumaran, Principaland Dr. G. Naveen Babu, HOD EEE felicitated the gathering. Over 50 students participated. Dr. K. Porkumaran, elaborated on the exclusive benefits that the students and graduate students could gain on acquiring the IEEE membership. He talked about the valuable opportunities open in the IEEE Student Competitions, Scholarships, Awards, Annual Students Meetings and how the association with IEEE serves as a good social as well as an engineering outlet for tech-enlightenment. He also elucidated upon the benefits of gaining acccess to a variety of resources like the IEEE Digital Library, IEEE Xplore Abstracts, Proceedings of the IEEE, eLearning Library, IEEE Potentials Magazine etc. He also informed the students about the discounts they can reap on membership fee, Microsoft Software for Student members and

LabVIEW Student Install Option.

Reported by:Dr. K. Porkumaran IEEE Student Branch Counselor.

KINGS COLLEGE OF ENGINEERING
IEEE Day Celebration

IEEE student branch of KCE organized IEEE day celebration and awareness of MyIEEE Program on 6th October 2015, 23 IEEE student members are actively participated in that event. Mr.E.Venugopal IEEE student Branch Counselor gave a talk on MY-IEEE. Group photos are taken and submitted to the IEEE day Photo contest.

Reported by: Mr. E.Venugopal., AP-EEE,IEEE Student Branch Counselor,

KARPAGAM COLLEGE OF ENGINEERING
IEEE DAY 2015 Report

IEEE day celebrations were organized on 6th October 2015. Dr. B.Nagaraj, Head of Karpagam Innovation Centre and Department of ECE (PG) inaugurated the function. IEEE Day 2015 is an important anniversary that engineers worldwide celebrates the first time when IEEE members gathered to share their technical ideas in 1884. He delivered a talk on "Leveraging Technology for Better Tomorrow". He also stressed the importance of becoming a member in professional society (IEEE). He pointed out that, we are living in a time when technology is changing the way we interact with each other and the ecosystem around us. In the next five years, technology will disrupt the learning experience in many ways. Students will consume knowledge and learning in new ways, classrooms and teachers will be better equipped for education of students, and the learning

experience will continue to become more virtual.During his presentation speech, he showed us many technological improvements of various engineering disciplines. As a part of this 1884 engineers from various engineering disciplines were asked to pen down their new ideas to create a better tomorrow and drop it in the drop boxes kept all over the campus. Dr. A.Nirmal Kumar, Principal & Dr. M.Gowrisankar, Vice-Principal were the chief guests for the IEEE Day 2015 celebrations. They said that, we live in an amazing era of technology-driven transformation that's redefining how we sell, market, communicate, collaborate, innovate, train, and educate—all in an amazingly short period of time.Dr. B.Nagaraj, Organizer of the event collected the new ideas from the engineering professionals and also their interest in participating in agriculture campaign since there are many farmers in and around our campus. All the members of this celebration displayed their pride with the IEEE Day 2015 T-shirts. As a part of this grand celebration, Dr. M.Gowrisankar sir, a senior member of IEEE was invited to cut the IEEE Day 2015 cake. Controller of Examinations, all the Head's of Departments, Dean's, Directors, Faculty members and IEEE student Branch members participated in the IEEE day celebrations and the event ended up with the photo contest and the distribution of sweets.

PANIMALAR INSTITITUTE OF TECHNOLOGY

IEEE DAY celebration

SHARING BENEFITS OF IEEE:

Stall was arranged to explain the benefits of IEEE. Student branch members explained various ways in which IEEE membership can be used to develop their skills.

INAUGRATION OF IEEE DAY CELEBRATION

IEEE DAY Celebrations was inaugurated by Dr.T.Jayanthy, Principal. During her Inaugural speech she briefed on the importance and the benefits of IEEE student membership. She also elaborated on how to access IEEE & tips to do projects. Dr.M.P.Chitra, IEEE Branch Adviser, HOD /ECE explained in brief about the activities and awards received by PIT IEEE Student branch. Mr.M.Arun Student Branch counselor briefed about the activities to be held during IEEE day celebrations. Student and professional members of SB gathered and share their achievements among the members.

LECTURE ON IEEE & ITS BENEFITS TO STUDENTS

Mr. S. Ganesh, Professional Member IEEE & Associate Prof. ECE delivered the lecture on the IEEE & Its Benefits to students and society. During his speech he stated how IEEE differs from other professional societies. How IEEE brings various departments like CSE, EEE, AERO, etc,. Under a single IEEE roof. He also briefed about IEEE Student project funding, IEEE Extreme, IEEE SIGHT , IEEE GOLD, IEEE WIE , etc,. Mr.M.S. Saravanan IEEE SB chairman delivered the vote of thanks.

WALK-A-THON

IEEE student Branch Members as a part of IEEE DAY 15 conducted a walk-a-thon for the cause of children ailing under child labor , child Marriage & Harassment against Women . The march consisted of around 40 people and attracted significant attention. The march was flagged of by the M.Arun Student branch counselor.

Walk-a-Thon IEEE DAY 15 HUMAN FORMATION

As a part of IEEE DAY celebration IEEE students formed themselves in letters of IEEE DAY 15.This grasped the eyes of many first year students and triggered them to ask us what IEEE is? Office bearers of IEEE SB briefed them about IEEE and Benefits of Joining IEEE.

EEE ROBOTICS CONTEST

Robotics and automation society PIT conducted IEEE ROBOTICS CONTEST. Contest was held to bring in the talents of young engineers. 14 different robots were designed by participants and exhibited in the contest. The humanoid ROBO hand by Mr. M.S.Saravan won the first prize.

QUIZ CONTEST

Quiz contest was held to bring out the hidden talent among IEEE student members. About 35 students attended the quiz prelims from which 3 teams were short listed for the Final round. The finalist underwent through two levels of quizzing which covered almost all the possible fields in engineering.

EXTEMPORE

About 50 students participated in Extempore talked on various topics like What can you do as an IEEEian? , Role of Engineers in Developing Society, Digital India, Clean India etc,

Reported by M.Arun

VEL TECH Dr. RR & Dr. SR TECHNICAL UNIVERSIT
IEEE DAY ON 06-OCTOBER-2015

Department of Information technology and the   IEEE Computational Intelligence Society Student Chapter conducted "IEEE DAY"on 6th October 2015. The Head of the department, faculty members and the final year students of Information Technology department participated. The Head of the Department of information technology Dr. K .Arthi addressed. In which she said that students should develop new projects and also participate in the events conducted by IEEE Society. They are also instructed to support the society with help of their projects which will set path for the development of new technology.   Mr. R. Vinoth kumar, faculty departmnet of Information Technology discussed about the funds provided by IEEE for the current research projects.   The chapter advisor Mr R. Hariharan is very excited about IEEE Computational Intelligence Society activity. He assured that events and other activties will be conducted under the banner of IEEE Computational Intelligence Society.Finally the student chair Mr. S.Subramanian and the members of IEEE Society assured to participate in the events and activities conducted by IEEE Society and also develop their new projects in co-ordination with IEEE Computational Intelligence Society

KNOWLEDGE INSTITUTE OF TECHNOLOGY

IEEE DAY 2015 CELEBRATION IN SCHOOL

IEEE student branch organized various events in Government school-Vembadithalam as a part of IEEE day 2015 celebration. The following events are conducted.

TECHNICAL EVENTS: IEEE awareness video, Knowledge about higher education, Videos about recent, and Technologies

FUN EVENTS: Logo identification, Extempore, Drawing, Poetry and Essay writing.

IEEE AWARENESS VIDEO: A brief introduction about IEEE and it's benefits. The knowledge about IEEE digital library, IEEE job site, IEEE TV and IEEE collaborate were also included in it. The active participation of KIOT, IEEE student branch members and it's inclination with IEEE was also projected.

KNOWLEDGE ABOUT HIGHER EDUCATION: In order to help students to move in a right career path, knowledge about different streams to choose after completing their higher secondary were given..The presentation included the career options in 1) Engineering, 2) Arts and Science, 3) Medicine, 4) Law, 5) Management Studies, and 6) Short-time value added courses.

VIDEOS ABOUT RECENT TECHNOLOGIES: Videos about futuristic technologies which are yet to rule the world 20 years down the line were displayed .Those technological videos are related to the upcoming streams like Recent developments in health care domain, Automation, Biometrics, Biotechnology and Nanotechnology. Certain motivational videos were played.

FUN EVENTS: As a part of IEEE DAY 2015 celebration, in addition to technical events many fun events were conducted.

1. In logo identification, the logo of commercial products, automobiles and Multi National Companies were displayed and many students actively participated in it.

2. In Extempore, pictures were displayed, from which the students are made to create a story by connecting those pictures. In particular this event helps in building their communication and imagination.

3. In drawing competition, the students are instructed to bring out their creativity, pertaining to the topic "My city at 2020".

4. In poetry and essay writing, the students were given topics like Nature, Sithariya kanavu, Vaanam kanden, vazlvinai konden and to expose their thoughts. At the end of the day, the best performers in each event have been identified. They were awarded with certificates and honored with compliments. IEEE student branch counsellor Dr.N.Santhiyakuamri, IEEE Faculty Incharges, Mr,M.Bharanidharan,AP/ECE, Mr.R.Rasu,AP/ECE, Ms.R.Hemalatha,AP/ECE and IEEE Student volunteers Mr.Barath Vignesh, Mr.A.S.Hemnath Kowshick, Ms.S.Jaya Vidhyasri, Ms.V.Sowndharya, Ms.R.Gayathri, Ms.C.Sangeetha, Ms.R.K.Sumetha, Mr.R.Dinesh, Mr.A.Balachandran were presided over the events.

Reported by: HOD, EEE.

IEEE Day

The IEEE Computer Society Student Chapter celebrated IEEE Day on 6th october 2015.The following events were organized: Tech Talk on IEEE membership - an avenue for collaboration and learning, IEEE Xtreme Warmup Programming Contest, and Essay Writing Contest.

TechTalk: An enlightening tech talk was given by M. Alagappan about his experience as an IEEE Student Member for the last two years. He talked about how IEEE had been a platform for him to collaborate with other engineers around the globe. He also talked about how IEEE magazines helped one to stay updated on a plethora of recent technologies. The talk also focused on getting oneself involved in global programming challenges, in connection with which the students were given a glimpse about how international programming contests like IEEExtreme, ACM ICPC work.

IEEEXtreme Warmup Programming Contest: A warm up round for the IEEEXtreme programming contest was conducted. This event simulated the actual environment and standards of the IEEEXtreme programming contest. This contest rigorously checked the programming skills of the contestants. The contest was hosted in HackerRank, a competitive programming site. The contestants were given 10 programming questions with the difficulty levels ranging from easy to hard. The answers were evaluated with numerous test cases. This contest helped the students to put their theoretical programming knowledge to practice and trained them to tackle complex programming challenges. The winners of this event were: 1. S.K. Venkateswaran, 2. J.M. Praveenraj and 3. Avanthika.

Technical Essay writing contest: Technical Essay writing is an important skill required by any undergraduate student. In order to improve their essay writing skills, the students participating in the Technical Essay writing contest conducted by the IEEE Computer Society Student Chapter. Participants were asked to write an essay on the topic "*Digital India*". Many essays with innovative ideas were submitted. Three essays were selected as the best and were given prizes. The winners were: S.K. Venkateswaran, SaiKrishnan R, Hemalatha.S, Kanchanadevi.R and B. Vigneshwaran.

Reported by: M.Vijayalakshmi, IEEE -CS Student Chapter Counselor

RATHINAM TECHNICAL CAMUS

IEEE Day Celebration

IEEE Student Chapter organized "2015 IEEE Day Celebration" on 1st OCT 2015.The objective of this event was to focus on importance of being an IEEE Member and necessity for "Hands On Training" for students. The welcome address by Prof.S.Shanthi, Head of the Department of Computer Science and Engineering and IEEE SB Counselor. She gave a brief description to students about Why one should become a IEEE member and technological advancements that IEEE has brought into the society. It was graced by Dr.G.P.Rajamani, Principal, RTC and Prof.S.Syed Shajahaan, AO & Head of the Department of Information Technology. The function was honored by Mr.A.Peter Manoj, SFT - Industrial Collaborations, CeNSE (Centre for Nano Science and Engineering), IISc (Indian Institute of Science), Bangalore. He highlighted the necessity for hands on training to students. He also explained that students must understand the importance of internship which can shape their career. He stated that for technology updation in IT field practical knowledge and training is essential. Nearly 100 students and 15 faculty members were benefitted through this program. The vote of thanks proposed by Prof. S. Syed Shajahaan, AO & Head of the Department of IT.