

FROM PRESIDENT'S DESK



With fresh vigor and enthusiasm, we have started pursuing our objectives set for the year 2013. It is a matter of satisfaction for us that we have met our planned actions and commitments made during the year 2012. We have high hopes that, with the active support of our Centres and Sub-Centres, we will be able to meet challenges of the current year with satisfactory accomplishment of the set targets.

IETE has entered in its 60th year of existence. The Diamond Jubilee Year Celebrations have started in all our Centres and Sub-Centres including the IETE HQs. I am happy to inform you that, as part of the celebrations, Blood Donation Camps were organized all over the country in our Centres and Sub-Centres coinciding with the Students' Day Celebration held on 1st February 2013. Students and officials took part in these camps with great fervour and enthusiasm. Some more programmes to mark the celebrations are in the offing.

Keeping in view the recent developments in technology and bringing automation and robotics in daily-life applications, one can say that the future of electronics and its allied fields is bright. IETE is committed to play pivotal role in bringing awareness about these upcoming technologies by conducting seminars, symposia and conferences. Every year, IETE is conducting Mid Term Symposium (MTS) and it has now become an important event because it provides a suitable platform to researchers, developers, technologists, educators and students to share their experiences and scientific information to help resolve the relevant issues and plan for the future growth of technology. The theme of this year's MTS is, "ICT in Space, Defence & Industrial Applications" and it will be held during 21-22 April 2013 at Hyderabad. IETE has always been instrumental in spreading awareness about ICTs and promoting its use for a better tomorrow. We hope to hear more about new developments and applications of ICTs especially in the areas of space, defence and industry. I invite your participation in the Symposium.

Communication Technology plays an important role, not only in the civilian domain but also in the battlefield as it is well said that, "Networks can be more lethal than weapons". Keeping in view the importance of network and communication technology in military communications, the 1st IETE Zonal Seminar was held on, "Future Communications Networks and Challenges in Military Communications" at IETE Mhow Sub-Centre on 22-23 January 2013. It was an eye opener event as all the technical sessions witnessed attentive listening by participants with lively interactions. The seminar covered all aspects of Next Generation Networks with special emphasis on Military Communications. I congratulate the entire team of IETE Mhow Sub-Centre for taking self-propelled initiatives to organize this event in the most befitting manner.

Every year we celebrate the Republic Day on 26th January with great pomp and show. This year's Republic Day has brought laurels to IETE and made all IETEians proud since this year, some distinguished IETEians have also been awarded the Padma Awards and Gallantry/Distinguished Services awards. Prof Yash Pal and Prof Roddam Narasimha have been honoured with Padma Vibhushan; Dr Vijay Kumar Saraswat and Dr B N Suresh with Padma Bhushan and Prof Sanjay Govind Dhande, Prof (Dr)Sankar Kumar Pal, Prof Deepak B Phatak, Dr M Ramakrishna Raju & Dr Manindra Agrawal with Padma Shree. Lt Gen Rajesh Kochhar, AVSM, VSM, SM, EME has been honoured with Bar to Ati Vishisht Seva Medal 2013 and Lt Gen Rajesh Pant, VSM, SIGS, MCTE Mhow has been awarded with AVSM. Our congratulations and best wishes to all the awardees. IETE places on record the distinguished achievements, extra-ordinary services and outstanding contributions made by the Awardee IETEians for the country.

IETE is poised to keep pace with the growth in technology by conducting seminars, symposia, conferences and Apex Forums on topics related to cutting-edge technologies. As part of our Diamond Jubilee Celebrations, we have chalked out a number of such programmes to be conducted at various Centres and Sub-Centres. At the same time, we are conscious about the recent developments regarding academic activities of professional Institutions and trying to do our best to tide over the situation.

I look forward to your support in this endeavour. Your feedback and suggestions to improve our activities are always welcome.


(Dr S PAL)

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IETE HQs, New Delhi



President re-elected



Dr S Pal, President IETE has been re-elected unanimously as the President of the Institution of Electronics and Telecommunication Engineers (IETE) for another term, i.e. 2013-14.

Our congratulations and best wishes to him.

Newly Elected IETE Distinguished Fellows



Prof S Narayana, Past-President has been elected as Distinguished Fellow of IETE for 2013. Prof Narayana started his professional career from DRDO, where he worked in the field of Guided Missile Radar and then moved to NGRI, CSIR in 1976. Prof Narayana became a member of the IETE in 1976. Due to his dedication, sincere efforts and active participation in the growth of the IETE at various positions of hierarchy, he was elected as President for the term 2006-07 and again elected unopposed for the second term 2007-08. During his Presidentship, the first ever IETE Foundation Day and the IETE Convocation were conducted which have now become part of the annual calendar of events of IETE. Prof Narayana's excellent achievements during his professional career resulted in receiving a number of Honours and Awards. IETE Hyderabad Centre has instituted an Annual Endowment Lecture in honour of Prof S Narayana.



Shri P P Malhotra has been elected as Distinguished Fellow of IETE for 2013. He is, M.A.Sc. (Canada), BE (BITS, Pilani), PG Diploma (FMS, Delhi), FIETE, C Engg. (IETE). In his professional career spanning over 40 years, he has served in diverse fields and held important positions as Industrial Advisor (Electronics) & Divisional Head, M/o MSME, Govt. of India; National Expert, United Nations Industrial Development Organisation (UNIDO); Director, Department of Scientific & Industrial Research (DSIR), M/o Science & Technology, Govt. of India and Chief Manager, ET&T. Sh Malhotra is presently serving as Special Director in the Board of BIFR supported Limited Company. He established UNIDO funded "Electronics Service & Training Centre". He established Government-Institute-Industry linkages for collaborative research and spearheaded several projects. "Microwave Point Contact Mixer Diode" was successfully designed, fabricated & tested by Sh Malhotra at SSPL (DRDO). He led several teams for recognition of In-house R&D and SIRO establishments. Sh Malhotra received letters of commendation from the Government for his outstanding performance.

Sh Malhotra has made significant contribution for IETE during 30 years active & eventful service as Governing Council Member (1991-94, 2005-08, & 2009-12) : Hony Treasurer (1992-93); Chairman, Delhi Centre (1989-90) and Vice-President (2010-11). He Introduced several innovative activities (NORAD Scheme, REB modification, Electronic Lab etc); established IETE Consultancy and Development Centres at Chandigarh/Ambala; organised Apex Forums and National Seminars on emerging and Innovative technologies and was instrumental for training & placement of IETE students.

News from Headquarters

IETE-N V Gadadhar Memorial Award Lecture – This Award has been instituted by **Mrs Sharada Iyengar** in the memory of her brother late **Shri N V Gadadhar** who was a Distinguished Founder Member of IETE. The award is given to a person for original contributions in the field of Electronics and Telecommunication with emphasis on Mobile Radio Communication. The Award for the year 2012 was given to **Dr MVS N Prasad**, Chief Scientist, Radio & Atmospheric Sciences, National Physical Laboratory, New Delhi who delivered a lecture based on his contributions at IETE HQ on 1st Jan 2013. In his lecture on, "**Mobile Communication Experiments over Various Regions of India & the Associated Modeling Studies**", Dr Prasad elaborated the existing developments and associated problems of Mobile Communication. He discussed in detail the VHF/UHF measurements in southern region, Mobile Communication measurements along rail roads in northern, western and eastern regions, effect of railway tunnels on Mobile Communication and GSM 1800 MHz measurements in the urban and suburban regions of Delhi and NCR. Elaborating the need and

importance of this study he said to create measurement data base to verify the accuracy of existing radio propagation models in various environments. The lecture was very interesting and evoked lively discussions during question answer session. **Shri S R Aggarwal**, Secretary General, IETE proposed the vote of thanks.



Dr MVS N Prasad receiving award from President, IETE

News from Centres

Ahmedabad

- IETE Ahmedabad Centre celebrated **IETE Students' Day** on 3rd Feb 2013. On this occasion, a Technical Paper Presentation Competition of IETE Ahmedabad and Rajkot Centres was organized. Centre felicitated **Shri R J Ajwalia** – First student to pass ALCCS exams from Ahmedabad Centre. **Shri C P Shah** Hony Treasurer conducted the event. Programme started by lightening lamp by Judges of the Competition **Prof R N Mutagi, Prof Ashok Charania** and **Dr D J Shah**. **Shri R M Makwana**, Hony Secretary read the message of the President, IETE. Papers were presented on subjects “**How mouth organs work differently when speak**”, “**GIS based Power distribution system**”, “**Nano Technology**” and “**Optical Fiber Communication**”. First winner **Shri Tara Prasad** (Mem. #:179771) and Second winner **Ms Himadri Soni** (Mem. #: 197867) were given cash prizes and memento by the Chairman. A memento and certificate was given to all the participants. Large number of students and LEC members attended the function.
- Blood Donation Camp** was organized by the Centre with the help of Ahmedabad Red Cross Society on 30th Jan 2013. With whole hearted support of IETE Students, LEC members and other citizens, thirty bottles of blood could be collected. A certificate was given to each donor. IETE Ahmedabad Centre sponsored a souvenir for each blood donor and Red Cross team.

Amravati

- IETE Students Day** was celebrated by organizing a **Blood Donation Camp** by IETE Amravati Centre on 1st Feb 2013. With motivations from IETE Student and Corporate Members, many members donated blood on this occasion.
- National Level Technical Symposium “**ANTRA-TECH 2013**” was organized by the Centre on 11-12 Feb 2013. The Symposium was inaugurated by **Brig (Dr) V D Abraham**, Governing Council Member. **Dr Prakashji Nandurkar**, Chief Managing Director, Nandurkar Trust was the Guest of the Honour. In this two-day symposium various events like Paper Presentation, Robotics Competition, LAN Gaming, Technical Quiz Competitions, Circuit Designing and Project Competition were organized.

Allahabad

- IETE Allahabad Centre celebrated **Students' Day** on 1st Feb 2013 at J K Institute of Applied Physics & Technology, University of Allahabad. **Prof Nar Singh** in his welcome address gave the background of the Centre and its activities. **Prof Jadish Prasad**, Hony Secretary read the message of IETE President on this occasion. About 100 students from IETE, JK Institute and SIET Allahabad participated in

different competitions. The winners were: Essay Competition- I-**Raja Tiwari** (SIET), II-**Ankit Singh** (SIET), III-**Ankit Kesarwani** (SIET), Communication Aptitude Test- I-**Nitesh Kumar Shukla** (JKI), II-**Saurabh Singh** (JKI), III-**Neeraj Kumar** (JKI); Sudoku: I- **Vishal Pathak** (JKI), II-**Deepti Gupta**(JKI)& **Sweta Gupta**(JKI); Quiz- I- J K Institute, II- IETE Allahabad, III-SIET Allahabad. **Dr R S Yadav** proposed the vote of thanks.

- The IETE Allahabad Centre organized a National Seminar on “**Recent Trends in ICT**” on 9-10 Mar 2013 which was inaugurated by **Dr S Pal**, President, IETE who also delivered the inaugural address. **Prof A K Singh**, Vice Chancellor, University of Allahabad, was the Guest of Honor. In his address, he appreciated the topic of the seminar and stressed that such seminars should be held every six months. **Prof Nar Singh**, Chairman IETE Allahabad Centre welcomed the Guests and **Er G.S. Shukla**, Chairman, organizing committee briefed about the seminar objectives. **Dr G S Darbari** gave a brief of the activities of IETE Allahabad Centre. The President, IETE **Dr S Pal** felicitated **Prof A K Singh, Prof Ram Singh, Prof R R Tiwari, Er J P Mishra** and **Prof S K Srivastava**, Chairman, IETE Sub-Centre Varanasi and presented mementoes. **Dr R S Yadav** Hony Secretary Allahabad Center proposed the vote of thanks.

The first Technical Session was devoted to **Prof S N Ghosh Award** Function. **Er G S Shukla** briefed the audience about **Prof S N Ghosh Award** and Prof Bhutani gave a detailed history of the institution of the Award. The prestigious **Prof S N Ghosh Award** was conferred on **Dr S Pal** by **Prof A K Singh** Vice Chancellor University of Allahabad and **Prof Nar Singh** Chairman Allahabad Centre. **Prof K K Bhutani**, Distinguished Fellow, IETE presented a shawl to **Dr S Pal** who delivered **Prof S N Ghosh Award** lecture on “**Space Communication-paradigm- the present & future trends**”.



Dignitaries releasing the brochure of the seminar

In Technical Session-II, **Prof S K Srivastava** and **Prof M M Gore**, Dean, MNNIT Allahabad told about Electronic Noise

and Web 2.0 respectively. In Technical session-III, first **Prof K K Bhutani** delivered an invited talk on “**Claytronics**”. The second talk in this session was by Er **H C Singh**, Sr GM, BSNL, Sultanpur. The third invited talk was delivered by **Prof R R Tiwari** Head of JK Institute on “**Information Security**”. In the Technical Session-IV the first invited talk was given by **Dr Ashish Khare** on ‘Challenges in Intelligence Surveillance’. **Er G S Shukla** on spoke on “**Digital Divide**”.

- IETE Allahabad Centre also organized an Inter Technical Institutions Cricket Tournament “IETE Diamond Jubilee Techno Cup 2013” as part of IETE Diamond Jubilee Celebrations from 1st to 6th Mar 2013. **Justice Girdhar Malaviya** inaugurated the tournament. **Er R S Yadav**, GM., BSNL, Allahabad was the Chief Guest on the day of the final match played on March 06, 2013. The tournament was held on MCC cricket ground of the University of Allahabad. Seven teams participated in this tournament. The tournament was won by MNNIT Allahabad and team of Shambunath Engineering College of Technology (SIET) was the runner up. The prizes were distributed by IETE President **Dr S Pal** in the inaugural session.

Ambala

IETE Students’ Day was celebrated by IETE Ambala Sub-Centre at E-Max School of Engineering and Technology(EMSET), Badhauri on 13th Feb 2013. **Dr Sanjay Sharma**, DG, EMSET welcomed the gathering. Chief Guest, **Dr Anil Jain**, Chairman, IETE Ambala, Sub-Centre, spoke on innovation and ingenuity. On this occasion, E-max announced the formation of a New IETE Student Forum at E-max College with 60 students.

Bangalore

- IETE Bangalore Centre celebrated **64th Republic Day** with the Flag Hoisting by **Dr S Pal**, President, IETE on 26th Jan 2013. Centre decided to have Student Sports Week from 26-31 Jan every year culminating with Student’s Day on 1st Feb. In his address, President emphasized the need for discipline, character building and sports activities. On this occasion **Prof C Murali** and **Dr M H Kori**, Governing Council Members and Executive Committee Members participated in the programme.
- **IETE Students’ Day** was celebrated on 3rd Feb 2013. **Prof H S Bhatia**, Hony Secretary welcomed the gathering, **Shri D Rajagopal**, Chairman, IETE Bangalore Centre read out the President’s message and **Dr M H Kori**, Governing Council Member, advised the students to participate both in academic as well as professional extra-curricular activities.
- **17th Sir C V Raman Memorial Lecture** was organized by IETE Bangalore Centre on 28th Feb 2013. **Prof P Balaram**, Director, Indian Institute of Science, Bangalore delivered the lecture on “**Research and Higher Education in a Multi-Disciplinary Environment**” on this occasion. **Dr S Pal**, President, IETE presided over the function, **Shri D**

Rajagopal, Chairman, IETE Bangalore Centre gave the welcome address, **Dr M H Kori**, Governing Council Member introduced the speaker and **Wg Cdr H R Parthasarathy (Retd)**, Immdt Past Chairman proposed the vote of thanks.



Prof P Balaram receiving memento from the President, IETE

Bhopal

- IETE Bhopal Centre celebrated **Republic Day** on 26th Jan 2013 with the Flag Hoisting by **Prof Virendra Singh Chaudhary**, Hony Secretary, IETE Bhopal Centre in the presence of members, and students.
- Bhopal Centre also celebrated **Students’ Day** on 1st Feb 2013. **Dr V P Saxena**, Ex-VC, Jiwaji Gwalior University was the chief guest. A technical lecture on “**Emerging Trends in Electronics Communication, Computer Science and Technology and Information Technology**” was given by **Shri Mahesh Shukla**, Sr GM, BSNL and Ex Vice Chairman, Bhopal Centre. On this occasion Senior Fellow Members **Shri J P Khare**, **Shri P P Khare** and **Col P M Das** were honored with Mementos by **Dr S C Shrivastav**, Director, ITI.

Chandigarh

IETE Students’ Day was organized on 1st Feb 2013. **Dr C Ghanshyam**, Chairman IETE Chandigarh Centre delivered the welcome address and **Shri Sanjeev Kumar**, Hony Secretary read out the message of the President, IETE. A technical lecture on “**Electronics Devices & Systems of 2020 and Beyond**” was delivered by **Dr Kamaljeet Singh**, Head MEMS Group, SCL, Mohali. A video film on “**Mission to Moon(Chandrayan-1)**” was shown on the occasion. A technical paper contest and General technical quiz were organized. Around 40 students from IETE Students’ Forum of Indo Global College of Engineering, Adhipur, Mohali and IETE Chandigarh Centre participated. Winners were awarded the prizes & given certificates by the Centre Chairman, Dr Ghanshyam. First three winners were: **Dheeraj Kumar**, IGCE, Abhipur, Mohali; **Neha Kumari**, IGCE, Abhipur, Mohali; **Sheikh Davood**, IGCE, Abhipur, Mohali; and two consolation prize winners were, **Amita & KM Mohini Kumari**, IETE Chandigarh Centre and **Dhariti Hazarika**, IGCE, Abhipur, Mohali.

Chennai

- IETE Chennai Centre organized a lecture on “**Multi Biometrics-An Overview**” by **Smt S Sumathi**, A/Prof, ECE Dept, Sri Sairam Engg College on 29th Dec 2012.
- **IETE Students’ Day** was celebrated by IETE Chennai Centre on 1st Feb 2013. **Brig (Retd) V A Subramanyam**, HR Trainer and Consultant was the Chief Guest. **Dr Thulasi Bai**, Hony Secretary welcomed the guests and **Col (Retd) K S Chakravarthi**, Chairman read the message of the President, IETE.. The Centre felicitated the following senior IETE Alumni members from Chennai region: **Shri S Ramaswamy**, Chief Engineer DD&AIR(Retd), **Shri K Sethuganesan**, DGM BSNL(Retd), **Shri Tata Sudhakar**, Head Ocean Electronics-National Institute of Ocean Tech and **Shri K Ponmudi**, Engineer-AIR&DDK(Retd) and MD, Computer Academy Chennai. A Technical quiz was also held. The programme ended with the prize distribution by the Chief guest to the winners. Chairman, IETE Chennai Centre proposed the formal vote of thanks..
- The Centre also organized a **Blood Donation Camp** on 30th Jan 2013”

Coimbatore

- The Centre celebrated the **IETE Students’ Day** by organizing a Medical Camp PARIGNAN-13 on 1st Feb 2013 in which quiz programme was conducted by students and about 292 persons donated blood.
- Centre conducted a one day workshop on “**Research and Project areas in VLSI Design**” on 25th Jan 2013 which included Recent Trends in VLSI Technology, VLSI Testing, Research in Machine Intelligence, Communication and EM Perspective of VLSI and Network on Chip, Signal Processing and Biomedical applications. The workshop was well attended by the faculty members and students.
- IETE Coimbatore Centre was a co-organizer and technical supporter of the IEEE International Conference on “**Signal Processing Image Processing & Pattern Recognition**” held at Karunya University, Coimbatore on 7-8 Feb 2013. **Dr Dinesh Nali** from National Instruments delivered a key note address on “**FPGA for Image Processing**”.

Delhi

IETE Students’ Day celebrated on 1st Feb 2013 at Delhi Centre. **Shri R K Gupta**, Immed Past President, IETE was the Chief Guest. **Wg Cdr K C Bhardwaj**, Chairman, IETE Delhi Centre encouraged the students to face the challenges of life in his welcome address. **Shri R K Gupta**, addressed the audience & motivated them. The Centre honoured four Alumni Members **Dr S K Aggarwal**, **Shri R K Vyas**, **Shri Manoj Tuli** and **Dr Tarun Rawat**. **Shri B B Rishi**, Hony Treasurer proposed the vote of thanks.

Guwahati

- **Blood Donation Camp** was organized on 30th Jan 2013 with the association of Assam Gujarat Voluntary Blood Bank & Research Centre, Rehabari, Guwahati. **Shri Prasanta Saikia**, Chairman, IETE Guwahati Centre inaugurated the camp in which faculty Members, Corporate and Student Members donated blood.
- **IETE Students’ Day** was celebrated by IETE Guwahati Centre on 1st Feb 2013. On this occasion, Message of President IETE was read out. A quiz competition was organized and the function ended with prize distribution to the winners.
- As part of **Diamond Jubilee Celebrations**, IETE Guwahati Centre participated in a **Career Counselling Fair** organized by Assam Police Wives Welfare Association on 16-17 Feb 2013. **Dr Amarjyoti Choudhury**, Vice Chancellor, Central University, Tezpur was the chief guest and **Shri Absar Hazarika**, IAS was the Guest of Honour. The stall of the IETE Guwahati Centre was well attended by students and guardians.

Hyderabad

- IETE Hyderabad Centre organized three days workshop on “**Recent Advances in Embedded Systems**” on 29-31 Dec 2012. The workshop was inaugurated by **Shri K Subbi Reddy**, Chairman, IETE Hyderabad Centre. A total of 74 students participated in the workshop.
- **IETE Students’ Day** along with **Blood Donation Camp** was organized by IETE Hyderabad Centre on 3rd Feb 2013 in association with Lions Club, Kukatpally, Hyderabad. 25 persons including EC Members, Hyderabad Centre, employees, students and outside persons donated blood voluntarily on the occasion. On the occasion of students day technical paper presentation contest was held. **Prof B L Deekshatulu**, DF was the Chief Geust, **Shri K Gnaneshwar Rao**, Hony Secretary gave the welcome address, **Dr M Lakshminarayana**, Vice-Chairman read the President’s Message received from IETE HQ, **Shri K Subbi Reddy**, Chairman, IETE Hyderabad Centre presided over the function. On this occasion a guest lecture by **Dr K M M Rao**, Retd Dy Director, NRSC, Hyderabad on “**Advances in Medical Image Processing**” was delivered. Winners were given prizes by the Chief Guest.
- Centre also organized five days Extensive Course on “**Programming in C**” and “**Data Structures**” on 2, 3, 9, 10 & 17 Feb 2013. **Shri K Subbi Reddy**, Chairman, IETE Hyderabad Centre inaugurated the course.

Jabalpur

IETE Students’ Day was celebrated by IETE Jabalpur Sub-Centre on 1st Feb 2013. On this occasion message received from President, IETE was read by Chairman, IETE Jabalpur Centre.

Jaipur

IETE Jaipur Centre organized a National Conference on “**Advancement in Microelectronics and Communication Technology– AMCT 2013**” in joint collaboration with IETE Pilani Centre, Central Electronics Engineering Research Institute (CSIR-CEERI) and Swami Keshvanand Institute of Technology (SKIT) Jaipur from 16th to 17th March at SKIT, Jaipur. Chief Guest **Dr S Pal**, President IETE inaugurated the conference. In his inaugural speech, Dr Pal welcomed the initiative taken to organize the conference and said that it would further increase the awareness and impart knowledge through sharing of scientific information in these fields. Other distinguished guests present in the conference were **Shri Surja Ram Meel**, Chairman SKIT, **Shri Sanjay Kumar**, Chairman IETE Jaipur Centre and General Manager (Mktg) BSNL Jaipur, **Dr S K Calla**, Principal SKIT College, **Shri Jaipal Meel**, Registrar SKIT, **Dr Deepak Bhatnagar**, Professor of Physics University of Rajasthan, **Shri Gautam Bhansali**, Fellow IETE, **Shri K. M. Bajaj** Fellow IETE, **Dr Ghanshyam Singh**, Honorary Secretary IETE, Jaipur Centre, **Shri Dharam Pal**, Fellow IETE and **Shri J P Sharma** Fellow IETE. The conference was preceded by two tutorials on 15th March, 2013 on MEMS and NANO Engineering which were attended by more than 200 students and faculty members. On 16th March, 2013, ISF at SKIT Engineering college was inaugurated by **Dr S Pal**, President IETE. The Chief Guest of the valedictory function was **Prof RPYadav**, Vice-chancellor, Rajasthan Technical University.

The conference was successful in its efforts to increase awareness and knowledge among scientists, researchers and students about education and research being carried out in India in the areas of Micro Electro Mechanical Systems (MEMS) and NANO Engineering.



President, IETE addressing the audience

Kakinada

- **Induction Program** was conducted by the Sub-Centre on 28th Jan 2013 for newly recruited faculty and 2nd & 3rd year B Tech Students of ECE Dept. **Dr K Satya Prasad**, Chairman, Sub-Centre presided over the function and spoke about importance of IETE Membership. Approximately 15 faculty members and 150 student members attended the programme.

- **Blood Donation Camp** was conducted by IETE Kakinada Sub-Centre on 30th Jan 2013 in the University College of Engineering, JNTUK in association with Red Cross Society, Kakinada. **Dr G Tulasi Ram Das**, VC inaugurated the camp in which about 100 people donate the blood.
- **IETE Students Day** celebrated on 1st Feb 2013. **Dr K Satya Prasad**, Chairman, Kakinada Centre presided over the function. **Dr G Tulasi Ram Das**, Vice Chancellor, JNTUK was the Chief Guest. A message received from President, IETE was read by one student.

Kanpur

IETE Students' Day was celebrated on 3rd Feb 2013 by the Centre at IIT Kanpur Campus. On this occasion a workshop on “**Robotics & Animation**” was organized. **Dr Susmit** and **Prof Bhaskar Das Gupta** from Robotics Centre, IIT Kanpur delivered lecture. A **Blood Donation Camp** was also organized on the occasion in which about 15 people donated their blood.

Kochi

IETE Students' Day was celebrated by IETE Kochi Centre on 1st Feb 2013. **Shri N M Kumar**, Chairman, IETE Kochi Centre welcomed the audience and **Shri C Krishna Kumar**, Immed Past Chairman, Kochi Centre read out the President's message. Centre honored the senior members **Shri K K Sivadas** and **Shri B Anantha Krishnan**. A technical talk on “**Green Energy**” was delivered by **Shri M Balakrishnan**, GM(R&D), NEST Group of Companies, Kochi. **Shri John Mathew**, Hony Secretary, IETE Kochi Centre proposed the vote of thanks.

Kolkata

- **IETE Students' Day** was celebrated by the Kolkata Centre on 1st Feb 2013. **Shri S C Rudra**, Chairman, IETE Kolkata Centre delivered welcome address. On this occasion **Shri S Matin**, CEO, Technomeasure released IETE Students Journal of Kolkata Centre. **Mrs Sangita Rao**, EC Member read the message of the President, IETE. **Shri S Gupta**, GM, BSNL gave a presentation on “**Next Generation Technological Advancement in Wired and Wireless Platform**”. **Shri Anupam Agarwal**, Chairman, ISOC, Kolkata delivered a lecture on “**IPv6 and Internet Security**”. The Representative of IIT, Kharagpur gave presentation on “**Virtual Classroom and Off Campus Study of Different Subjects**”. In the interactive session after the lecture **Shri Avik Bose** of Ericsson gave answers of all queries. On this occasion the Centre also organized technical events.
- **Dr S Pal**, President IETE visited IETE Kolkata Centre on 12-13 Feb 2013 during his visit for inauguration of ATMS International Symposium and had discussions with Governing Council Members and Director General of Institution of Engineers (I) regarding recognition of our courses. A meeting was also arranged with Techno Vision India University – Chancellor about possibility of recognition of IETE Courses.

Lucknow

IETE Students Day was celebrated on 1st Feb 2013 with **Shri A K Purwar**, CGM, BSNL as the Chief Guest **Shri A K Jain**, PGM, BSNL & Chairman IETE Lucknow Centre was the Guest of Honour. Dignitaries from BSNL, Academic Institutions, faculty and students members attended the function. In his welcome address, **Shri A K Jain** highlighted the features of IETE and read the message received from President, IETE. Prizes were given to the winning students of the paper presentation contest. **Prof Devendra Agrawal**, Director, Goel Institute proposed the vote of thanks.

Mankapur

IETE Mankapur celebrated **IETE Students' Day** on 1st Feb 2013. On this occasion, message from President, IETE was read. Centre organized sports, music, essay writing and quiz competition and prizes were distributed to the winners.

Mhow

IETE Mhow Sub-Centre organized Zonal Seminar on "**Future Communication Networks and Challenges in Military Communications**" at Iyappa Hall on 22 - 23 Jan 2013 as part of IETE Diamond Jubilee Year celebrations. The inaugural function was presided over by **Lt Gen Rajesh Pant**, AVSM, VSM, Comdt MCTE & Chief patron IETE while **Dr S Pal**, President IETE was the Chief Guest. Others who shared the dais were **Dr K T V Reddy**, Coordinator West Zone IETE, **Dr R P Gupta**, Chairman IETE Bhopal Centre and **Col Dheeraj Kaushal**, Officiating Chairman IETE Mhow Sub-Centre. A panel of eminent speakers from academia and industry participated in the seminar and delivered talks on a variety of topics. **Dr S Pal**, Chief Guest also released the compendium in the form of Book and CD.

In his Keynote address on '**Perspective in Communication – Indian Space Paradigm**' **Dr S Pal**, highlighted the present and future technological trends in space programme. He stressed that the evolution of space modules and equipment hardware is strictly related to the progressing of enabling technologies.

There were four technical sessions in the seminar, 1st on "**Future Access Network**" chaired by **Dr KTV Reddy**, Coordinator West Zone, IETE. **Dr S Pal**, President IETE presided the second session on "**Challenges in Military Communications including Security**". The third session on "**Future Wireless Network**" was chaired by **Shri H N Ramakrishna**, Director (Marketing), M/s Bharat Electronics Limited and the last session of the seminar on "**Next Generation Networks and Network Centric Warfare**" was chaired by **Lt Gen Rajesh Pant**, AVSM, VSM, Comdt MCTE.

The seminar culminated with the summing up by **Lt Gen Rajesh Pant**, AVSM, VSM, Comdt MCTE and delivery of the valedictory address by **Prof Pradeep Mathur**, Director IIT Indore.



President, IETE receiving the memento from Lt Gen Rajesh Pant

Mumbai

- IETE Mumbai Centre organized the 2nd **Dr P B Parikh Endowment Lecture** on 30th Jan 2013. **Shri Peeyush Agarwal**, Executive Director of MTNL, Mumbai delivered a talk on "**Indian Telecom Scenario: past, present & future**". **Dr S Pal**, President, IETE, presided over the function and felicitated **Dr P B Parikh** for his contribution to spread IETE activities in Mumbai region. Dr Parikh related his historic association with IETE to the audience. **Dr KTV Reddy**, Governing Council Member introduced the distinguished speaker. On this occasion President felicitated **Ms A Dandekar**, senior fellow member of IETE for her contributions. **Dr Vikas Gupta**, Hony Treasurer proposed the vote of thanks.
- Mumbai Centre also organized a **Blood Donation Camp** on 2nd Feb 2013 on this occasion which was inaugurated by Prof (Dr) KTV Reddy.

Nagpur

IETE Students' Day was celebrated by Nagpur Centre on 2nd Feb 2013. **Dr K R Bagree**, Vice-Chairman and **Er S P Gorowara** (Retd) DIG, BSF a senior member of Nagpur region graced the occasion. **Dr B P Joshi**, Hony Secretary read out the message of the President, IETE. Various technical and nontechnical competitions were conducted in ISF Centres between 27 Jan-1 Feb 2013. **Dr K R Bagree** and **Er S P Gorowara** distributed the prizes to the winners in different competitions.

Nashik

IETE Nashik Sub-Centre celebrated **IETE Foundation Day** on 3rd Jan 2013 at ISF of NDMVP Samaj's KBT College of Engineering, Nashik. **Dr Om Prakash Kulkarni** was the Chief Guest and **Shri Vivek Gogate**, was the Guest of Honour, **Prof MD Kokate**, Chairman, IETE Nashik Centre gave the welcome address, **Mrs Apurva Jakhadi**, Hony Secretary gave an introduction and activities of the Centre on this occasion. On this occasion **Dr G K Kharate**, Dean, Faculty of Engineering, Pune University was felicitated.

IETE Students



Day Celebration

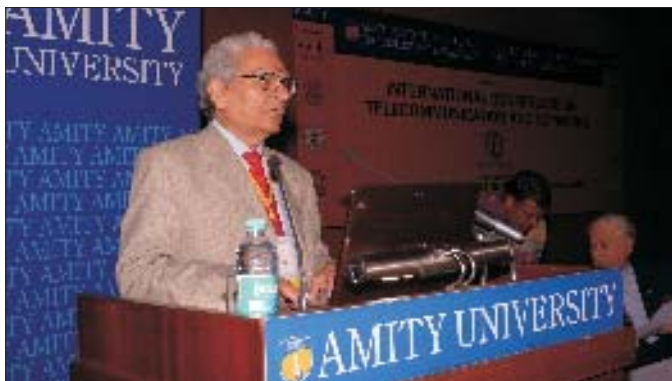


Noida

A National Seminar on “**Broadband for Growth and Governance**” was organized by IETE Noida Centre and I P Engineering College, Ghaziabad on 21 Feb 2013 at Ghaziabad. **Dr S Pal**, President IETE presided over the function.

Noida Amity University

- IETE Sub-Centre at Amity University, Noida and the Amity Institute of Telecom Technology & Management (AITTM) organized an **International Conference on Telecommunication and Networks 2013 (TEL-NET 2013)** on 27-28 Feb 2013 at Amity University, Noida. The Conference was inaugurated by the Patron **Dr Ashok K Chauhan**, Founder President, Ritnand Balved Educational Foundation (RBEF). The Chief Guest for the Conference was Shri **Vimal Wakhlu**, Chairman & Managing Director, TCIL, New Delhi and was presided over by **Prof (Dr) R K Shevgaonkar**, Director, IIT Delhi as Guest of Honour. **Dr Surendra Pal**, President, IETE was the co- host of the Conference. More than 150 delegates from across the country and six senior officials of the Ministry of Communication and Information Technology (MCIT), Islamic Republic of Afghanistan, Kabul attended the conference.



President, IETE addressing the audience in the International Conference

Palakkad

IETE Students' Day was celebrated by IETE Palakkad Centre with Blood Group Identification camp on 1st Feb 2013 with cooperation with Sri Sathya Sai Seva Organization, Palakkad. More than 200 IETE Students participated in the camp. **Shri S Hair and Shri S Prasanth** were also present on the occasion. **Prof P Nanadakumar**, Chairman IETE Palakkad Centre read the message of the President, IETE. **Shri P Babu**, Hony Secretary welcomed the participants and **Shri C K Haridas**, Governing Council Member distributed the prizes to the winners. **Shri P Suresh** proposed the vote of thanks.

Patna

IETE Students' Day was celebrated by IETE Patna Centre on 1st Feb 2013. **Dr Hari Sumiran Singh**, Chairman, IETE Patna

Centre gave the welcome address and read the Message received from President, IETE. On this occasion Members discussed issues like students welfare and career orientation. **Shri Amitabh Kumar**, proposed the vote of thanks.

Pilani

IETE Students' Day celebrated by Centre on 1st Feb 2013 at B K Birla Institute of Engineering & Technology, Pilani. On this occasion, the Centre organized cricket match, essay writing competition, paper presentation and quiz competition. **Ms Sarita Dudi**, read out the message of President, IETE. Prof Bhatnagar and Dr Bose gave the prizes to all the winners. **Shri Gauttam Jangid** proposed the vote of thanks.

Pune

- IETE Students' Day** was celebrated by IETE Pune Centre on 1st Feb 2013. On this occasion students from Pune Centre and other ISF Colleges were present. **Prof S R Jog**, Chairman, IETE Pune Centre informed about various activities of the IETE Pune Centre. **Prof PW Wani**, Co-Chairman also shared his views on admission to M.Tech programmes. **Prof S R Jog** distributed the prizes for the Best ISF for 2012: 1st Prize to AISSSM's Institute of Information Technology, Pune, 2nd Prize to Dr DY Patil Institute of Engineering & Technology, Pune and 3rd Prize to Bharati Vidyapeeth's College of Engineering for Women, Pune.
- IETE Pune Centre jointly with IEEE Pune Chapter organized a one day workshop on “**Methodology to Make Electromagnetic Engineering an Interesting Subject**” on 05th Feb 2013. **Prof B S Bormane**, Chairman, BOS, E&TC, UOP was the Chief Guest and **Dr Avinash Joshi**, past Chairman, IEEE, Pune Chapter, the Guest of Honour. **Prof S R Jog**, Chairman, IETE Pune Centre briefly talked about the activities of IETE. Two technical sessions were organized which were very well attended.

Rajkot

- IETE Rajkot Centre organized a **Blood Donation Camp** on 30th Jan 2013. The Saurashtra Voluntary Blood Bank provided the infrastructure. Nearly 28 donors from Rajkot Centre members and others were registered.
- IETE Students' Day** was celebrated by the Centre on 1st Feb 2013. **Shri C M Devani**, Chairman, IETE Rajkot Centre delivered the welcome address. **Shri Milan Bavlecha** delivered a lecture on “**Spemcell Preservation**”. On this occasion quiz contest was organized and prizes were distributed to the winners. **Shri V M Patwari**, Hony Secretary proposed the vote of thanks.

Salem

IETE Salem Sub-Centre celebrated IETE Foundation Day on 2nd Nov 2012. **Prof Sakthivel**, Senior Astronomist was the Chief Guest on this occasion and he delivered a lecture on the various aspects of Astronomy and Stars.

Shimoga

IETE Students' Day was celebrated on 1st Feb 2013. The function was presided over by **Dr S N Jagadeesha**, Chairman, IETE Shimoga Centre. In his address he highlighted the role of IETE in the career advancement of students community. **Sh Nagaraj**, faculty, DSDN Polytechnic read the message received from the President, IETE. The function was well attended by IETE Corporate Members, Students Members and 100 ISF Members from DSDN Polytechnic, Shimoga.

Sivakasi

- IETE Sivakasi Sub-Centre organized the **First Techno blaze'** 13 lecture cum Group discussion on 10th Jan 2013 by **Shri M Davidson Kamaladhas** on "**Audio Finger Printing Techniques & Applications**" at Dept of ECE, Mepco Schlenk Engineering College, Sivakasi. **Dr R Shantha Selva Kumari**, Chairperson, IETE Sivakasi Sub-Centre presided over the function, **Dr T Sabapathi**, Hony Treasurer welcomed the gathering and introduced the speaker.
- **Blood Donation Camp** was organized by IETE Sivakasi Sub-Centre on 30th Jan 2013 in Mepco Schlenk Engineering College jointly with National Service Scheme of Mepco Schlenk Engineering College, Sivakasi & Govt Hospital, Sivakasi. Camp is inaugurated by **Dr S Arivazhagan**, Principal & Immd Past President. **Dr R Shantha IETE Selvakumari**, Sub-Centre Chairpeson, Sivakasi Centre and **Dr T Ayyanar**, Medical Officer, Govt Hospital, Sivakasi were also present. The camp was well organized.
- **IETE Students' Day** celebrated on 1st Feb 2013 at MEPCO Schlenk Engg College, Sivakasi. **Shri M Kaliranjan**, Vice President, Bhawan Cybertek Pvt Ltd, Chennai inaugurated the function. **Dr S Arivazhagan** gave the Presidential address, **Dr R Shantha Selva Kumari** read the IETE President's message. On this occasion Chief Guest gave tips on "**How to Crack an Interview**". Various events like Technical Paper Contest, Presentation, Hardware Contest and Quiz were organized. The Chief Guest distributed the prizes to the winners.
- IETE Sivakasi Sub-Centre was upgraded to a full-fledged IETE Centre on 15th Feb 2013 by **Dr S Pal**, President, IETE. **Prof(Dr) R Shantha Selvakumari**, Chairperson, IETE Sivakasi Centre welcomed the guests. **Prof Prasanth R Nair**, Hony Treasurer, IETE Coimbatore Centre, **Col (Retd) K S Chakravarthy**, Chairman, IETE Chennai Centre, **Shri D Raja Gopal**, Chairman, IETE Bangalore Centre, **Shri V Appakutty**, Vice President & Chairman, IETE Board of Recognition of Excellence, **Prof (Dr) M Basavaraj**, Vice President & Chairman, M&CC and **Prof S Arivazhagan**, IETE Governing Council Member and Founder Chairman, IETE Sivakasi Sub Centre offered their felicitations on this

occasion. **Dr S Pal**, President, IETE declared the upgradation of IETE Sivakasi Sub-Centre to IETE Sivakasi Centre with effect from 15th Feb 2012 during his inaugural address. He also highlighted the significance of RF Systems and their applications in day to day life. **Prof C Murali**, Chairman IETE Academic Committee delivered Invited Talk-I on "**4G-An Overview**" and **Shri V Appakutty**, Vice President delivered the Invited Talk-II on "**Cyber Security**".



President, IETE giving Memento to Chairperson,
IETE Sivakasi Centre

Surat

IETE Surat Sub-Centre organized **Blood Donation Camp** on 30th Jan 2013 as part of IETE Diamond Jubilee Celebrations.

Tirupati

IETE Tirupati Centre celebrated IETE Foundation Day on 2nd Nov 2012. **Prof W Rajendra**, Vice Chancellor, Sri Venkateswara University, Tirupati was the Chief Guest **Prof A Ramakrishna Rao**, Principal, SV University College of Engineering, Tirupati and **Prof S Narayana Reddy**, Head, Dept of ECE, SV University, College of Engineering were the Guests of Honour. **Shri BHVS Narayana Murthy**, Director, Real Time Embedded Computers, RCI, DRDO, Hyderabad delivered a lecture on "**Wireless Communications and IT for Next Generation Defence**".

Varanasi

IETE Students' Day was celebrated by IETE Varanasi Centre on 1st Feb 2013. **Prof S K Srivastava**, Chairman, Varanasi Centre delivered the welcome address. **Shri P K Chakraborty**, Hony Secretary read the message received from the President, IETE. On this occasion Technical Paper Contest, Technical Projects Competition and Quiz Contests were organized

Visakhapatnam

IETE Students' Day was celebrated by the Centre. **Shri C D Malleswar**, Scientist 'G', Associate Director, NSTL & Chairman, IETE Visakhapatnam Centre presided over the function and talked about the application of technology in day to day life. **Shri J Narayana Rao**, Director, Global Network Against Nuclear Weapons in Space was the guest speaker on this occasion.

ISFs Activities

ISF at Sathyabama University, Chennai organized a guest lecture on **Dec 10, 2012** on **“ICT renovation and the role of IETE for the under privileged sections of the Society”** by Col (Retd) K S Chakravarthi, Chairman, IETE Chennai Centre.

ISF at Lendi Institute of Engineering and Technology, Vizianagaram was inaugurated on **Dec 22, 2012** by Shri C D Malleswar, Scientist, NSTL Chairman IETE Visakhapatnam Centre, Shri Abraham Varghese, Secretary, IETE Visakhapatnam Centre was the Guest of Honor. The event was attended by all HODs and Faculty members of the ECE Dept.

ISF at Kongu Engineering College, Erode organized Guest lecture on **Dec 22, 2012** on **“Innovations”** by Shri R Guruchandran, Manager(Projects), Cognizant Technology Solutions, Coimbatore. Shri K S Santhosh Kumar, Joint Secretary, ISF given the welcome address, Dr N Kasthuri, Professor, Dept of ECE given the Presidential address.

ISF at Anurag College of Engineering, Aushapur, R R Dist was inaugurated on **Dec 27, 2012** by Shri K Subbi Reddy, Chairman, IETE Hyderabad Centre, Shri P Padmanabha Rao, Hony Treasurer of IETE Hyderabad Centre was also present.

ISF at AVCOE, Sangamner organized lecture on **Jan 12, 2013** on **“Preparation of GRE, TOFEL, GATE & Competitive Examinations”** by Shri Sachin Jogalekar, Project Manager, DIEBOLD Software Services, Mumbai. He focused on the, how to prepare for GRE, TOFEL Examinations and what are the challenges for Graduate Engineers.

ISF at SRK Institute of Technology, Enikepadu, Vijayawada was inaugurated by Dr M Kama Raju, Professor & HOD, Gudlavallery Engineering College and Chairman IETE Vijayawada Centre on **Jan 5, 2013**. Shri B S Appa Rao, Chairman, SRK Foundation, Dr P V Narasaiah, Director, SRK Institute of Technology and Dr Sri Gowri, HOD, ECE Dept also graced the occasion.

ISF at PSG College of Technology, Coimbatore organized a technical quiz on **Dec 19-20 2012** on **“Digital and Analog”** and **“Microprocessors”**. The forum also organized a training program on **“Sensor Networking Kits”** on **Jan 7, 2013**.

ISF at Muthayammal Engineering College, Tamilnadu organized a guest lecture on **“Latest Trends in EDA for Communication, Electronics and VLSI Technology”** by Shri M Ganesh, Application Engineer, Trident Tech Labs Pvt Ltd, Chennai on **Dec 21, 2012**. The forum also organized a Guest Lecture on **“Recent Trends in Communication Networking and Embedded System”** by Shri N Sathi Saravanan, ECIL-ECIT Technical Person, Chennai on **Jan 7, 2013**.

ISF at Abhinav Hi Tech College of Engineering, Himayath Nagar, Hyderabad was inaugurated by Shri K Subbi Reddy, Chairman IETE Hyderabad Centre and Shri K Gnaneshwar Rao, Hony Secretary on **Jan 7, 2013**. On this occasion Dr M V Krishna

Rao, Pricipal, Abhinav Hi-Tech College gave a lecture on **“Understanding of Human Speech Production and its Applications”**

ISF at Kongu Engineering College, Erode organized an Inter Departmental Technical Symposium on **Jan 10, 2013**. Dr G Murugasen, HOD, ECE Dept welcomed the participants and Prof S Balamurugan, Dean, School of Communication and Computer Sciences delivered Presidential address.

ISF at Swarnandhra College of Engineering & Technology, Narsapur organized a seminar on **“Ameliorations in Communication Engineering”** by Prof P Balagangadhar Rao, ITES Officer, Ex-General Manager, BSNL, Vijayawada on **Jan 1, 2013**.

ISF at Sinhgad Institute of Technology and Science, Narhe, Pune was inaugurated on **Jan 19, 2013** by Prof S R Jog, Chairman, IETE Pune Centre. The Chairman discussed the activities of IETE Pune Centre. Prof Survarna Kulkarni, ISF Coordinator, SITS, Pune proposed the vote of thanks.

ISF at Ranganathan Engineering College, Coimbatore organized guest lecture on **“A Tour on Signal Processing”** on **Jan 21, 2013** by Prof P Vetrivelan, Associate Professor, ECE Dept, Sri Ramakrishna Institute of Technology was the Chief Guest, in which he explained fundamentals and importance about the Signal Processing.

ISF at Sree Dattha Institute of Engineering & Science, Hyderabad was inaugurated on **Feb 4, 2013** by Shri K Subbi Reddy, Chairman IETE Hyderabad Centre.

ISF at BITS, Vadodara celebrated **Students Day** on **Feb 1, 2013**. On this occasion an event **“The Youth Parliament”** was held at BITS Campus on the topics **“Should the Board Exam System be Demolished”** and **“Are the Law Maker in India Inefficient”**. The winners of the competition were: Marmik Shah, Roshni Celani, Archan Dholakia, Shudhesh Ahuja, Sudhanshu mehra, K S Asha and Neha Sharma.

ISF at AVCOE, Sangamner, Maharashtra celebrated **Students Day** on **Feb 1, 2013**. On this occasion Quiz Competition Contest was organized.

ISF at Guntur Engineering College, Guntur in association with IETE Vijayawada Centre organized **ELECTROFEST-2013**. A three day National Level Technical Students' Symposium on **Jan 7-9, 2013**, Dr R Sree Rao, Vice Chancellor, K L University, Vijayawada was the Chief Guest on this occasion. The Forum also celebrated **IETE Students' Day** on **Feb 1, 2013**. On this occasion two day workshop on **PCD Design** was organized with technical support from Orange Research Labs, Hyderabad

ISF at Sree Datha Institute of Engineering, Ibrahimpatnam, Hyderabad was inaugurated by Shri K Subbi Reddy, Chairman, IETE Hyderabad Centre on **Feb 4, 2013**.

ISF at **Muthayammal Engineering College, Raipuram** organized an Inter Dept Project Contest on **Feb 9, 2013**. Dr S Saravanan, Prof & Head EEE, MEC was the Chief Guest. He delivered a lecture on developments taking place in various Engineering streams and the opportunities available to the skilful and knowledgeable Engineers.

ISF at **AVS Engineering College, Salem** was inaugurated on **Feb 12, 2013** by Dr G Murugesan, Head, ECE, Kongur Engineering College and Vice Chairman, IETE Salem Sub-Centre. In his address he talked about the various activities of IETE. Forum also organized a workshop on **“Hands-on Training on Micro Controller using Micro C Software”** on **Feb 20, 2013** with Prof A Sathish Kumar, Asst Professor, ECE Dept, AVS Engineering College addressing the students on **“Recent Trends in Embedded Systems”**. Forum also organized a workshop on **“Career Guidance for Engineering Studetns”** on **Mar 12, 2013** inaugurated by Dr G Tholkappia, Arasu, Principal/ AVSEC and Shri S P Balasubramaniam, Corporate Trainer & District Governor, Rotary International District, Salem addresses the gathering.

ISF at **Shri Angalamman College of Engineering & Technology, Tiruchirappalli** organized a one day workshop on **“PCB Design for MIC Applications”** on **Feb 12, 2013**.

ISF at **Narula Institute of Technology, Kolkata** was inaugurated on **Feb 14, 2013** by Shri S C Rudra, Chairman, IETE Kolkata Centre. Shri A Basu, Senior Fellow Member delivered a vivid and necessary speech regarding the activity of IETE. In his speech he focused on the activity and benefits of ISF.

ISF at **Arasan Ganesan Polytechnic College, Sivakasi** celebrated **IETE Students’ Day** on **Feb 16, 2013**. On this occasion contest on **“Latest Trends in Science, Engineering & Technology”** and Quiz Competition on **“Computer Hardware & Networking”**, **“Embedded Systems”** and **“Television Engineering”** were organized. Dr M Thirugnanasambadam, Head/Energy Audit and Prof/ Mech Dept, Kalasalingam University delivered a Guest lecture on **“Solar Harvesting-The Need of the Hour”**. Shri G Athirajan, HOD, ECE Dept, KLN

Memorial Polytechnic College, Madurai was the Chief Guest of the valedictory function.

ISF at **Mepco Schlenk Engineering College, Sivakasi** organized a Guest Lecture on **“Advancements and Opportunities in RF Communications”** by Dr P Hanumantha Rao, Scientist, SAMEER-Centre of Electromagnetics, MHRD, Chennai on **Feb 16, 2013**. In his presentation he talked about the importance of Electromagnetics in the field of Military. Shri Raja Mohideen, Member ISF delivered the vote of thanks.

ISF at **Bharathiyar Institute of Engineering for Women, Deviyakurichi** was inaugurated on **Feb 19 2013** by Dr Sabeenian, Hony Treasurer, IETE Salem Sub-Centre.

ISF at **BITS, Vadodara** conducted a workshop on ‘Robotics’ on **Feb 20, 2013**. The event covered the basic concepts and Designing and Construction of Robotic. 111 Students participated in this event.

ISF at **Balaji Institute of Engineering & Sciences, Warangal** organized a two day workshop on **“PCB Design & Manufacturing Process”** on **Feb 19-20, 2013**. Dr V S Hariharan, Principal, BITS, Narsampet was the Chief Guest.

ISF at **C Abdul Hakeem College of Engineering & Technology, Melvisharam, Vellore** was inaugurated on **Feb 19, 2013** by Dr Rahila Bilai, Associate professor, ECE, TPGIT, Vellore. On this occasion Technical Paper Presentation and Quiz Competitions were organized for the students.

ISF at **BIT, Vadodara** organized an event **“Identify the Component”** on **Mar 2, 2013**. It was a comprehensive technical quiz based on identification of electronic components.

ISF at **M P Nachimuthu M Jaganathan Engineering College, Erode** organized a workshop on **‘Basic Electronics & Equipments’** on **Mar 16, 2013**. Shri B Uma Shankar, Senior Technical Engineer, Scientech Technologies, Chennai was the Chief Guest.

ISF at **B K Birla Institute of Engineering & Technology, Pilani** conducted **“Basant Utsav”** on **Mar 17, 2013**. Dr S Pal, President, IETE was the Chief Guest on this occasion.

IETE DIAMOND JUBILEE CELEBRATIONS

The Following IETE Centres/Sub-Centres have organized Blood Donation Camps as part of the Diamond Jubilee Year Celebrations of the Institution.

IETE Ahmedabad Centre
IETE Amravati Centre
IETE Aurangabad Sub-Centre
IETE Bangalore Centre
IETE Bhopal Centre
IETE Chennai Centre
IETE Coimbatore Centre
IETE Guwahati Centre
IETE Hyderabad Centre
IETE Kakinada Sub- Centre

IETE Kanpur Sub-Centre
IETE Meerut Sub-Centre
IETE Mumbai Centre
IETE Nashik Sub-Centre
IETE Palakkad Centre
IETE Rajkot Centre
IETE Salem Sub- Centre
IETE Sivakasi Centre
IETE Surat Sub-Centre
IETE Vijayawada Centre

New Organizational Member

Sri Venkateshwara College of Engineering(G00457) Sri Venkateshwara College of Engineering was established in the year 2001 .The college has taken a lead in technical education and in the development of ideas that shape the world's understanding of engineers. We are proud of our position as the top academic college of engineering and grateful to the people who have made it so - our students, faculty, staff and the management.

Sri Venkateshwara College of Engineering campus is surrounded by lush green environment which stands undisturbed from the city traffic. It is located at Vidyanagar, Chikkajala hobli, on the National Highway No.7. Bengaluru International Airport is just 6 km away from the campus. The college is approved by AICTE, New Delhi and affiliated to VTU Belgaum.

The college is well equipped with modern, spacious and has well ventilated classrooms with comfortable seating arrangement and well equipped basic sciences laboratories and workshops. The administrative office along with the placement cell is located in the main building.

The library and information center is one amongst the top few modern Engineering college libraries having “WEB OPAC” (online Publics Access catalogue) facility. The college library is fully automated using “Libsoft” software.

The College is offering six undergraduate and five postgraduate courses at present.

Inauguration of IETE Students' Forum at BIT MESRA

IETE Students' Forum at **BIT MESRA** was inaugurated by **Shri M L Gupta**, Vice President, IETE on **Mar 9, 2013**. In his address, **Shri M L Gupta** highlighted the activities of the IETE and illustrated the benefits of joining IETE Students' Forum and encouraged them to participate in all forthcoming events and workshops of IETE as it will enhance their potential in respective fields. On this occasion, a website of IETE BIT-MESRA Students' Forum, designed by Shri Milan Pandey and Shri Vivek Mangal, was launched by **Shri M L Gupta**. A visit to PLC & SCADA workshop was also conducted on this occasion. BIT-MESRA highlighted certain demands pertaining to conduct of workshops, seminars, guest lecture etc to which Shri Gupta said to give due attention on priority.



Shri M L Gupta, Vice President, IETE giving Memento to Dr P K Barhai, VC, BIT Mesra

Information Regarding IETE Governing Council Elections 2013-16

Governing Council of the Institution of Electronics and Telecommunication Engineers comprises of a President, two Immediate Past Presidents, twenty one elected Members (out of which seven Members retire every year on completion of their three year term), three Nominated Members and Chairpersons of ten IETE Centres having the highest number of Corporate Membership.

Nominations for the ensuing seven vacancies in the Governing

Council have since been called to reach the IETE HQ by 31st March 2013 from the IETE Fellows who have been Fellow of the Institution continuously for the previous five years as on 31 Dec 2012. It has been decided to resort to on-line voting as we are now living in a networked world.

It goes without saying that the system of sending/receiving postal ballot is subject to the vagaries of the postal service. The polling will commence around 15th May.

Inauguration of PAC at Trissur

The 10th PAC of IETE was inaugurated by Dr S Pal, President, IETE on 26th Mar 2013 at Royal College of Engineering, Akkikavu, Trissur. Shri Mansoor Ali, CEO, RCET welcomed the audience. Shri C K Haridas, Founder Chairman, IETE Palakkad Centre and Governing Council Member introduced the President and the Vice-President; Prof (Dr) M Basavaraj spoke about the formation of the PAC at Trissur. Shri John Mathew, Hony Secretary, Kochi Centre, Dr K V Narayanan, Principal of the College, Shri K M Hyderali, President, RCET, Shri N M Kumar, Chairman, Kochi Centre and Prof (Dr) M Basavaraj, Vice President, IETE spoke on the occasion. In his address Dr S Pal, President, IETE stressed on the need for formation of ISFs and PACs in Engineering Colleges for the benefit of students and informed about the activities of IETE in the Diamond Jubilee year. Prof Baiju Karun, Chairman, PAC, Trissur proposed the vote of thanks.



Inauguration of PAC at Trissur

Achievement



Prof K Lal Kishore (F046833 L) Vice Chancellor, JNTUA, Anantapur and Past Chairman, IETE Hyderabad Centre has received the following awards:

- ISTE National Award for outstanding contribution in specified areas, Instituted by Govt of UP.
- Award from Institution of Engineers India , for Eminence and

Contribution to the Profession of Electronics and Communication Engineering.

- Election as Fellow of AP Academy of Sciences for Contribution to Science and Technology.

IETE fraternity congratulates Prof K Lal Kishore on his achievements

Republic Day Awards / Honours for IETEians

IETE FRATERNITY CONGRATULATES ALL THE AWARDEES



Prof Yash Pal (HF 00032) has been honored with India's second highest Civilian Award Padma Vibhushan in 2013. He is a graduate of Punjab University, Chandigarh and a PhD Degree holder from MIT, USA and has held many positions within the educational establishment of the Indian Government and is known for regular appearances on the science programmes telecast on Doordarshan .

In 1976 the Indian Government awarded Prof Yash Pal the Padma Bhushan for his contribution to science and space technology. He was also awarded the Lal Bahadur Shastri National Award for excellence in public administration, academics and management. He was the Chancellor of Jawaharlal Nehru University, New Delhi from March 2007 to March 2012. Prof Yash Pal was awarded the Honorary Fellowship of IETE in 1996-97.



Prof Roddam Narasimha has been awarded the Padma Vibhushan, India's second highest civilian award, in 2013.

He is an aerospace scientist and fluid dynamicist. He was formerly a Professor of Aerospace Engineering at the Indian Institute of Science (IISc), Director of National Aerospace Laboratories (NAL) and the Chairman of Engineering Mechanics Unit at Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), Bangalore, India. He is presently an Honorary Professor at JNCASR and concurrently holds the Pratt & Whitney Chair in Science and Engineering at the University of Hyderabad.

The 44th IETE-Bhabha Memorial Lecture was delivered by Prof Roddam Narasimha on the occasion of 55th ATC held at Bangalore



Dr Vijay Kumar Saraswat (HF 00049) has been awarded the Padma Bhushan Award in 2013. He is the Director General of the Defence Research and Development Organisation, Secretary of Defence Research and Development and the Chief Scientific Advisor to the Minister of Defence. Dr Saraswat is the key scientist in the

development of the Prithvi missile and its induction in the Indian armed forces. Dr. Saraswat, a Ph.D. in Combustion Engineering, started his career in DRDO in 1972 at the Defence Research and Development Laboratory (DRDL), Hyderabad and was responsible for the development of country's first Liquid Propulsion Engine, DEVIL. As Project Director of Prithvi, he steered the design, development, production and induction of the first indigenous Surface-to-Surface missile system into the armed forces. For his outstanding contributions to the Nation, he was conferred with Padma Shri in 1998. Dr Saraswat has long association with IETE.



Dr B N Suresh an aerospace scientist has been awarded the Padma Bhushan Award in 2013. He served as the Director of Vikram Sarabhai Space Centre (VSSC), Thiruvananthapuram during the period 2003-2007. He is known for his contribution to Space Capsule Recovery Experiments (SCRE) Dr. Suresh also served as the founding Director of Indian Institute of Space Science and Technology (IIST), Thiruvananthapuram. He has received a number of other awards also.



Prof Sanjay Govind Dhande (F160502L) has been honored with Padma Shri in 2013. He is a member of the Scientific Advisory Council to the Prime Minister of India. Prof Dhande has worked in the field of Computer Aided Design, Rapid Prototyping, Rapid Tooling and Reverse Engineering. AUTOLAY, an innovative CAD technology, that he developed for the Indian Aeronautical Development Agency is used by several aircraft manufacturers around the world and for the construction of light combat aircraft in India. He has long association with IETE.



Dr Deepak B Phatak (F 133417 L) has been honored with Padma Shri in 2013. He is currently Subrao M Nilekani chair professor, in the Department of Computer Science and Engineering. He was elected Fellow of the Computer Society of India (CSI) in 1999 and became Fellow of the Institution of Electronic and Telecommunication Engineers (IETE) in 2000. He currently serves as the Chairman of the national board of IT education and research of All India Council of Technical Education (AICTE).



Dr M Ramakrishna Raju received B.Sc and MA Degrees in Physics from Presidency College, Madras during 1950-1954 and M.Sc in Physics by research from Andhra University under the guidance of Prof B R Rao. Subsequently, Dr Raju received D.Sc Degree in Nuclear

Physics from Andhra University under the guidance of Prof Swami Jnanananda, a well-known Yogi as well as a scientist. Dr Raju worked in MIT and Massachusetts General Hospital, Boston, Lawrence Radiation Laboratory in Berkeley, California and Los Alamos National Laboratory. Dr Raju published about 140 research papers in the field of radiation physics, radiobiology of nuclear particles and their applications to cancer treatment. Dr Raju received a number of prestigious awards. He has been awarded the Padma Shri in 2013.



Prof (Dr) Sankar K Pal is a Distinguished Scientist and Former Director of the Indian Statistical Institute. He is also a J.C. Bose Fellow of the Govt. of India. He founded the Machine Intelligence Unit and the Center for Soft Computing Research: A National Facility in the Institute in Calcutta. He received one Ph.D. in Radio Physics and Electronics from the University of Calcutta in 1979, and another Ph.D. in Electrical Engineering along with DIC from Imperial College, University of London in 1982. He joined this Institute in 1975 as a CSIR Senior Research Fellow where he became a Full Professor in 1987, Distinguished Scientist in 1998 and the Director for the term 2005-10. He received the Padma Shri Award in 2013.

Dr Manindra Agrawal has been honored with the Padma Shri Award in 20013. He is a professor at the department of computer science and engineering and the Dean of Resource, Planning and Generation (DRPG) at the Indian Institute of Technology, Kanpur. He was also the recipient of the first Infosys Prize for Mathematics., and Dr Shanti Swarup Bhatnagar Award in Mathematical Sciences in 2003.



Lt Gen Rajesh Kochhar, AVSM, VSM, SM, EME has been honored with Bar to Ati Vishisht Seva Medal 2013. He has assumed the appointment of Director General Administration & Coordination Directorate at Integrated HQ of MoD (Army).

Lt Gen Kochhar was commissioned into corps of EME on December 24, 1972. He is an alumnus of DSSC Wellington and National Defence College New Delhi. The officer has also done Senior Command and Higher Command Course with distinction.



Lt Gen Rajesh Pant, VSM (F-177312), of the Military College of Telecommunication Engineering (MCTE), Mhow has been honored with the Ati Vishisht Sewa Medal (AVSM) on the Republic Day 2013.

Lt Gen Pant who has already been awarded the VSM, is the signals officer upgrading training activities at MCTE as its chief instructor.

Honours and Achievements



Prof U R Rao (DF007360), former Chairman, ISRO and Secretary, Department of Space has been honoured by the Society of Satellite Professionals International (SSPI) by inducting him as a Member of the highly prestigious "Satellite Hall of Fame", Washington. Since 1987, the SSPI Hall of Fame has been recognising the invaluable contribution of the visionaries who have transformed life on planet earth for its betterment through satellite technology. Members of the Hall of Fame are recognised pioneers in communications, satellite related aerospace scientific research and development and delivery of applications for business, institutions and government via satellite.

The induction of Prof Rao into the Satellite Hall of Fame has taken place on March 19, 2013 at a gala function held in Washington D.C. USA.

IETE Fraternity congratulates Prof Rao on his achievements.



Prof GSN Raju (F049618L) from Dept of Electronics and Communication Engg, Andhra University, Visakhapatnam has been appointed as Vice-Chancellor of Andhra University by Hon'ble Governor of Andhra Pradesh. Prof Raju has taken over the charge as Vice Chancellor on 6th Feb 2013.

IETE Fraternity congratulate Prof Raju and wish him all the best in his new role.

Important Notice

IETE is proposing to switch over to an **Online Voting System** for elections, w.e.f. 2013, both for the Governing Council as well as Centres. In order to enable the functioning of this electronic system, it is essential that all members intimate their e-mail IDs and telephone / mobile numbers to IETE HQs to update IETE data bank.

We solicit your earnest and active involvement to implement online voting system at IETE.

OBITUARY



Prof P V Indiresan (DF 000782 L) passed away in Pune on Sunday, the 24th Feb 2013, where he had gone to chair a session in a seminar. He was one of the earliest engineers to opt for the 'electronics' discipline, which was, until then, a part of Electrical Engineering. He started his teaching career in the University of Roorkee and shifted to IIT Delhi soon after it was formed in 1961. He was later appointed as Director of IIT Madras in 1978, where he left an indelible mark on the progress of the Institute. He returned to Delhi after completing his term there. During his long and illustrious career, he received several honours and awards including the prestigious Padma Bhushan conferred on him by the President of India. Prof Indiresan was a soft spoken man, who rarely lost his composure. But beneath his soft exteriors, there was a man who could be as strong and firm as a rock. IETE fraternity conveys heartfelt condolences on his sad demise.



Dr S Jayaraman (F227803L) Chairman, IETE Salem Sub-Centre expired on 4th Jan, 2013. He started his career as a Lecturer at Siddhaganga Institute of Technology, Tumkur and later became the Head of the Department of Electronics and Communication Engineering, P S G College of Technology, Coimbatore. He also served as a Professor at the BITS Pilani Dubai Campus for two years and later back in India, served as a Professor, Dean and Head of the Department of Electronics and Communication Engineering, Sona College of Technology, Salem (TN). He authored a book on Digital Image Processing published by Tata Mc-Graw Hill Ltd. He has published more than 100 papers in National and International Journals. He was unanimously elected as the Chairman of the IETE Salem Sub-Centre for the tenure 2012 – 14. His sad demise is a great loss to the IETE and the engineering /teaching community.

Press Clippings...

TIMES CITY

'Need to indigenize technology'

IETE Zonal Seminar On Future Communication Networks In Mhow

Net won't be same in '15'

Mhow, Dec 26: A seminar on the theme "Need to indigenize technology" was held at the IETE Zonal Seminar on Future Communication Networks in Mhow on Dec 26. The seminar was presided over by the IETE Zonal President, Dr. S. R. Aggarwal. He stressed the need for indigenization of technology in the field of communication networks. He said that the Indian government has a policy of indigenization of technology and it is the duty of the IETE members to support this policy. He said that the IETE members should work towards the development of indigenous technology in the field of communication networks. He said that the IETE members should work towards the development of indigenous technology in the field of communication networks. He said that the IETE members should work towards the development of indigenous technology in the field of communication networks.

தினமணி சென்னை, 18 சூன், 2013

பொறியியல் கல்லூரியில் ஐ.இ.டி.டி. அமைப்பு தொடக்கம்

அமைப்பைத் துவக்கி பேசிய இ.டி.டி. இயக்குநர் ஐ.ஆர். அகர்ஷித்

பொறியியல் கல்லூரியில் ஐ.இ.டி.டி. அமைப்பு தொடக்கம். இ.டி.டி. இயக்குநர் ஐ.ஆர். அகர்ஷித் அவர்கள் தலைமையில் நடைபெற்ற தொடக்க விழாவில், இ.டி.டி. இயக்குநர் ஐ.ஆர். அகர்ஷித் அவர்கள் கலந்துகொண்டார். இ.டி.டி. இயக்குநர் ஐ.ஆர். அகர்ஷித் அவர்கள் கலந்துகொண்டார். இ.டி.டி. இயக்குநர் ஐ.ஆர். அகர்ஷித் அவர்கள் கலந்துகொண்டார்.

IETE's two-day seminar from Jan 22

The Institution of Electronics and Telecommunication Engineers (IETE) will hold a two-day seminar on the theme "Future of Communication Networks" from Jan 22 to 23 at the IETE Zonal Office, Mhow. The seminar will be presided over by the IETE Zonal President, Dr. S. R. Aggarwal. The seminar will be held in the IETE Zonal Office, Mhow. The seminar will be held in the IETE Zonal Office, Mhow.

परमाणु संयंत्र 'कवच' और हो मजबूत

परमाणु संयंत्रों की सुरक्षा को सुनिश्चित करने के लिए 'कवच' (कवच) और मजबूत होना आवश्यक है। परमाणु संयंत्रों की सुरक्षा को सुनिश्चित करने के लिए 'कवच' (कवच) और मजबूत होना आवश्यक है। परमाणु संयंत्रों की सुरक्षा को सुनिश्चित करने के लिए 'कवच' (कवच) और मजबूत होना आवश्यक है।

Workshop on robotics and automation

Robot that emotes like humans... 'Nao'

A workshop on robotics and automation was held at the IETE Zonal Office, Mhow. The workshop was presided over by the IETE Zonal President, Dr. S. R. Aggarwal. The workshop was held at the IETE Zonal Office, Mhow. The workshop was held at the IETE Zonal Office, Mhow.

बीआईटी से भी अब केंद्र में मिलेंगे नैतिकता सुझाव

बीआईटी से भी अब केंद्र में मिलेंगे नैतिकता सुझाव। बीआईटी से भी अब केंद्र में मिलेंगे नैतिकता सुझाव। बीआईटी से भी अब केंद्र में मिलेंगे नैतिकता सुझाव।

மெய்கோ கல்லூரியில் பகுதி நேர ஐ.இ.டி.டி., மையம் தரம் உயர்வு

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Note: The Institution of Electronics and Telecommunication Engineers (IETE) assumes no responsibility for the statements and opinions expressed by speaker(s) and contributors(s). Printed and Published by Shri S R Aggarwal, Secretary General, for the Institution of Electronics and Telecommunication Engineers, 2, Institutional Area, Lodi Road, New Delhi-110 003 (India) at Dolphin Printo-Graphics, 4E/7, Pabla Building, Jhandewalan Extn., New Delhi-110 055, Ph.: 011-23593541/42, Dy Managing Editor: Shri Gurmukh Singh; E-mail: mgeditor@iete.org; publications@iete.org (Cost : ₹ 4/-)