

FROM PRESIDENT'S DESK



At the outset, I would like to congratulate all Centres for successfully conducting Executive Committee Elections for the term 2012-14. It is indeed very heartening to note that members are playing an active role in the election process for the bright future of the Institution. I would like to commend everyone who participated in the election process. I am confident that new teams will play a significant role in improving the performance of their respective Centres. Active and vibrant Centres in turn could play an important role in the growth of the country. I would also like to place on record my deep appreciation for Observers, Board of Scrutineers, Returning Officers and the outgoing Executive Committee Members, who facilitated the successful conduct of the elections.

In order to improve examination system, e-transmission of question papers has been introduced. Our examination system is accurate, efficient and transparent. We had declared result much before the scheduled date. I feel satisfied that June 2012 examinations have been conducted smoothly in 41 Centres.

Improvement of building infrastructure and other facilities at Centres is a continuous process to serve the interest of the students' community and for the development of the Institution as a whole. Students, faculty and members at Delhi Centre will now be able to enjoy the benefits of new lift, renovated canteen and conference hall. The 2nd floor of Palakkad Centre building has also been completed last month. With this, the activities of Palakkad Centre will get a boost and the Centre will be able to conduct programmes within its own premises.

The 2nd IETE Alumni Meet was held on 22 June 2012 at New Delhi. It was a wonderful occasion to meet and share the experiences of the alumni who graduated from the Institution and are now placed in reputed organizations. The interaction of alumni with each other and with Members of the Governing Council was very useful and encouraging. The Alumni are the source of strength for the institution and guide for the junior students to foster intellectual connections.

The theme for this year's World Telecommunication and Information Society Day "Women & Girls in ICT", was aimed to ensure that women and girls all over the world can progress as equals and succeed as equals. I am glad that all IETE Centres celebrated the Day and discussed various ways to empower the women. In fact supporting the education of women and girls in ICT sector is in line with the objectives of our Institution to promote dissemination of technical education and empowerment of students.

I am certain, with the cooperation and dedication of all our members we will maintain and accelerate the momentum of our activities. I appeal to you to come forward with the new ideas to make IETE more vibrant and useful to the nation.

R K Gupta

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IETE HQs, New Delhi



सह वीर्यं करवावहे

President Elect 2012 -13

Dr Surendra Pal

Dist FIETE, FNAE, FIEEE(USA), FNASc, FIET(UK)
MIAA (France), MAMTA, MASI, FVEDA



Dr S Pal is an alumnus of Birla Institute of Technology & Science (BITS), Pilani and Indian Institute of Science (IISc), Bangalore, India; formerly, Distinguished Scientist, Associate Director and also Program Director, Satellite Navigation Program at ISRO Satellite Centre; Prof Satish Dhawan Professor & Senior Advisor Satellite Navigation Programme (ISRO). He joined ISRO in 1971, after a brief tenure at Tata Institute of Fundamental Research. Dr Pal pioneered the Microwave, Antenna RF communications activities at the ISRO Satellite Centre since the inception. Dr Pal is also responsible for pioneering satellite based navigation activities in India. He spearheaded the Indian Satellite Based Wide Area Augmentation System – GAGAN (GPS Aided Geo Augmented Navigation System) and Indian Regional Navigation Satellite System (IRNSS) activities for aviation for civilian & restricted users. He is the originator of Indian Navigation Satellite Programme. These two programmes initiated by him at ISRO will have huge technological impact and benefit to a host of users in the Asia Pacific region.

His knowledge in his various areas of expertise, has been utilized, as consultant, by many national and international organizations, eg. (i) INMARSAT/ICO (UK) for LEOSAT definitions, responsible for the development of Satellite Hand Held Telephone Antenna System for ICO (UK) (ii) International Telecommunication Union (ITU) for defining Regional African Satellite Communication System and (iii) Nanyang Technological University, Singapore, on X-Sat. He was also the Chairman of Information Infrastructure Working Group of Ministry of Information Technology. He had also carried out special antenna developments for DRDO, India.

Dr Pal was also on the United Nations panel of experts on Global Navigation Satellite Systems (GNSS) and chaired/participated in various UN meetings at Vienna, Geneva and at other international venues. Dr Pal a Distinguished Fellow of IETE, Fellow of Indian National Academy of Engineering, The National Academy of Sciences, India Fellow IEEE (USA), IET (UK), MIAA (Paris), FVEDA, MASI is associated with several other Professional Societies and Academic Institutions. He has received more than one and a half dozen national and international awards, including, IEEE Third Millennium Medal, Prof S N Mitra Memorial Award (INAE), IETE Ramlal Wadhwa and Hariramji Toshniwal Gold Medals. Besides these he holds Indian, European & International patents for his various inventions. In the year 2010 IEEE announced its top level awards and him to be the recipient for the prestigious IEEE-2010 Judith A Resnik Award. He is the first Indian national and first Professional to get this prestigious award East of France.

Dr Pal has published more than 220 papers in international and national journals of repute, one book on Communications, guided number of Ph D students and has been on the editorial board of many technical journals. He is a Distinguished Visiting Professor of Indian National Academy of Engineering & Distinguished Lecturer of IEEE-USA. Under the IEEE scheme, he has delivered invited talks, tutorials and lectures on antennas, satellites, GNSS, and space communications at NTU Singapore and University of Cape-Town, Stellenbosch University, Cape Peninsular Technical University, CSIR, Dept of Science and Technology, Republic of South Africa and Bradford University, UK. Dr Pal is also Senior Adviser on ICT curriculum and other academic matters to newly formed Institute of ICT–Ahmedabad University, Gujarat.

Dr Pal has a long association with IETE in various capacities including as a council member. He is one of the active organizers of IRSI – Bangalore and Initiator of ISM. These two conferences have become very popular globally.

His fields of interest are: RF Communications, Space Technology, Microwaves, Electromagnetics, Antennas, Radars, Digital Communication and Satellite Navigation.

Our congratulations to Dr Surendra Pal on his election.

News from Headquarters

44th World Telecommunication and Information Society Day (WTISD) - 2012

The 44th World Telecommunication and Information Society Day on 17th May 2012 was organized at IETE HQs on the theme “**Women and Girls in ICT**”. The event attended by a large gathering covered diverse range of issues related to women and girls in ICTs. **Ms Alka Sirohi**, Member, UPSC, New Delhi, graced the occasion as the Chief Guest. Other dignitaries who shared the dais were: **Shri R K Gupta**, President IETE; **Shri H O Agrawal**, Vice President IETE and Chairman, Technical Programmes Committee; **Ms Tulika Pandey**, Director, DeitY, MC&IT; **Ms Archana Gulati**, Financial Adviser, NDMA; **Shri Vipin Kumar**, Senior DDG, DOT and **Shri S R Aggarwal**, Secretary General, IETE.



The Chief Guest lighting the Inaugural lamp during 44th WTISD - 2012

The welcome address was delivered by **Shri H O Agrawal**, Vice President & Chairman TPC, wherein he emphasized the importance of the theme selected for the year. He agreed that gender inequality was prevalent all over the world inspite of almost equal number of men and women. On the importance of ICT he said that Institution always preferred ICT as a central theme for most of its events. ICT forming inroads into all fields and due to poor literacy rate among women & girls, living in remote and far flung areas, it's significance becomes manifold. He backed ITU for choosing an apt subject for deliberation on WTISD. He also informed about its celebration at most of the IETE's Centres spread across the country including one in Nepal at Kathmandu.



Dignitaries sitting on the dais

The Presidential address was delivered by **Shri R K Gupta**, who highlighted IETE's commitment towards social justice, industrial development and enhancement of human resources in the field of electronics, telecommunications and IT. He said that IETE believed in building the inclusive knowledge society and in connecting the unconnected, hence prefers choosing rural centric and ICT related topics for most of its programmes. He also agreed that ICT had solutions for most of the problems associated with education and for upliftment of women in the country. Commenting on education of women as the foremost priority, he quoted, “Mother is a teacher, Mother is a health caretaker and above all, Mother is an economist”. He also highlighted the importance of ICT in the fields of education, control of crime, learning of modern gadgets and in development of confidence. He cited that IETE too had women staff who were making full use of ICTs to perform their day-to-day activities. He talked about IETE's voluntarily adopted socially relevant and progressive programmes for the society especially aiming at the weaker & underprivileged sections.

Ms Tulika Pandey, Director, DeitY, MC&IT, shared her experience in the field of development of regional languages for clear understanding of the technology by the rural women for skill development & training. She also talked of her work on multi-lingualization of internet that

could give a chance for women to earn more. She opined that ICT had made changes in the perceptions and given an opportunity for self development. With the development of ICTs, women's communication & multitasking skill, had been acknowledged, which could bring out leaders in women. She spoke on gender budgeting and gram udyog initiatives of the Govt to help women work from home. She said that Sanchar Shakti was another initiative of the Govt of India for providing knowledge in new areas of technology. She identified areas, which needed redesigning in view of women's needs. She was of the opinion that more opportunities were needed for women and girls so that they could be retained in the area of science and technology.

Shri Vipin Kumar, Senior Dy Director General, DOT, spoke on various aspects related to ICTs, women empowerment, gender equality, male-female employment gap, training needs of women, education and infrastructure, recommendations for Govt and elaborated it with supporting statistical data and references. He also talked about of ITU Millennium Development Goals and discussed the role of ICTs for development of women in India.

Ms Archana Gulati, Financial Adviser, NDMA, talked about formation of homogeneous support groups in rural areas who pool their resources and get engaged in micro-entrepreneurship activities and share the income thus generated. She discussed the role of Universal Service Obligation Fund, which was meant for providing telecom services to people in rural and remote areas at reasonable and affordable prices. She also discussed the rural public service terminal scheme of the Govt under which homogeneous support groups were provided broadband enabled terminals capable of secure financial transactions, started on pilot basis in Rajasthan and H.P. She presented a short film on the changes taking place in village life styles and benefits provided to rural populace with the implementation of rural public service terminal scheme.

The Chief Guest, **Ms Alka Sirohi**, Member, Union Public Service Commission, in her address said that women were the pillars of a community, family and the society and played a key role in the development of a nation. She said that IETE was doing a pioneering work building an



The Chief Guest receiving memento from President IETE

inclusive knowledge society by providing engineering education at affordable cost. She appreciated the dedicated efforts under the dynamic leadership of the President and members of the Governing Council of IETE. She said that gender equality was a basic human right and ICTs could accelerate progress towards achieving this target. She opined that areas with significant impact of ICTs on them could be productive and innovative, modern and advanced in science & technology. She said that although a lot of women had access to ICTs by virtue of working in call centres, yet they had to face unhealthy working conditions, threats of exploitations etc. In spite of such limitations, many Indian women, have reached the top positions in IT companies. Speaking on the Government initiatives, she touched upon various other aspects like global reach, collaboration, alliances, innovation, exclusive to products and services. She said that women needed to be encouraged to come into ICT sector by providing protective work place environment & easy options. She said that it was an encouraging step that India was putting gender diversity on top of the agenda concerning issues related to women and appealed everyone to work towards goal of equality & opportunity for women workforce in all spheres of life.

The audience comprised of Past Presidents, Distinguished Fellows, Governing Council Members, Corporate Members, Students and staff of IETE and officials from other Departments/Organizations. The ceremony ended with a vote of thanks by **Shri S R Aggarwal**, Secretary General, IETE.

News from Centres

Allahabad

The Centre organized a national seminar on “**Trends in Computer Vision**” to discuss the present and future challenges of computer vision on 25th Feb 2012. The welcome addresses were delivered by the Er G S Shukla, Chairman IETE, Allahabad Centre and Prof H K Dixit, Head, J K Institute of Applied Physics and Technology, Allahabad. Dr Ashish Khare, Convener of the seminar, briefed the participants about seminar. The Chief Guest, **Prof B D Choudhary**, Ex-Director, Moti Lal Nehru National Institute of Technology, Allahabad, in his address, focused on research need for public welfare like in computer vision which could be helpful in monitoring the terrorist activities. The seminar comprised of four invited talks in two technical sessions. In the first technical session, **Prof U S Tiwary**, of IIT, Allahabad, discussed the methods of shadow analysis in video, while **Dr Tushar Patnaik** from CDAC, Noida, discussed about document image analysis, especially OCR for Indian Languages. In second technical session **Dr Rajeev Srivastava**, IT-BHU, Varanasi, delivered a talk on “PDE Based Image Processing”. Prof V K Srivastava, from MNNIT, Allahabad, talked on “Signal and Image Processing: Review and Recent Trends”. Closing remarks of the seminar were by Prof K K Bhutani, Director, UPTEC Computer Consultancy Ltd, Allahabad. Dr R S



National Seminar on “Trends in Computer Vision” in progress

Yadav, Secretary, IETE Allahabad Centre, proposed the vote of thanks.

Ambala

- The Sub Centre celebrated the 44th WTISD on 17th May

2012 at SRM Institute of Engg & Technology, Bhurewala. **Dr Anil Jain**, delivering the welcome address said that telecommunication had already revolutionized the quality of life of women in India and has empowered them. **Shri Manmohan Maini**, Assistant Director, BSNL, gave details of various facilities, low cost internet, connectivity and virtual classroom for the students to learn Physics, Chemistry and Mathematic through internet from the most learned professors in India and abroad. He also told that telecommunication had penetrated in every rural area of India and had changed the quality of life of the people. Beautiful posters were shown and a power-point presentation was made by Shri Maini.

A quiz contest on “**Digital Communication and Microwave Electronics**” was organized on this day and the winners were given cash prize of Rs 1,100/-, Rs 500/- & Rs 251/- for the first, second and third position, respectively. Other eminent persons present were : Dr Sanjay Sharma, DGI, SRM College and Shri Roshan Lal, Chairman of the Institute.

Bangalore

- 8th International Radar Symposium India (IRSI-11) was organized from 30th Nov 2011 to 4th Dec 2011.
- **Prof Ram M Narayanan**, Penn State University, USA, delivered a lecture on “**Suggestions for Graduate Student Applicants for Higher Studies in Abroad**” for the benefits of IETE students on 1st Dec 2011. Giving warm welcome to President IETE, **Shri R K Gupta**, the students of the Centre organized a cultural programme, which also marked his birthday celebrations. Others present on the occasion were the Council Members and Executive Committee Members. **Wg Cdr H R Parthasarathy**, Chairman, IETE Bangalore Centre, presided over the function.
- Examinations for Dec 2011 were conducted smoothly and the guidance classes commenced from Jan 2012 onwards.
- A short term course on “**Embedded System and Advanced Hardware Design**” was conducted on 4th Mar 2012.
- A technical talk on “**4G**” was delivered by **Dr MH Kori**, FIETE, at MVJ Engineering College, for the benefit of

the ISF students of Telecommunication Engineering Department on 22nd Mar 2012. About 120 students attended the talk.

- The Centre organised the **44th WTISD, Prof SVC Aiya Memorial lecture** and Valedictory of **Summer School in Electronics** for school children together on 17th May, 2012. **Prof Vinod Sharma**, ECE Dept IISc, Bangalore delivered a theme lecture “**Women and Girls in ICT**” on the occasion. The video messages of ITU Secretary General and UN Secretary General were displayed on screen. Dr M H Kori spoke about Prof S V C Aiya and introduced the speaker. An Electronics Project Exhibition were held on that day by summer school children. About 19 projects were displayed. Prof Vinod Sharma felicitated the participants of SUSIE-12. Prof C Murali, Governing Council Member proposed the vote of thanks.

Bhopal

44th WTISD was celebrated in association with Scope College of Engg, Bhopal, on 17th May 2012. The Chief Guest on the occasion was **Dr D C Gupta**, Director BUIT & **Sh Mahesh Shukla**, Sr GM, BSNL was the Guest of Honour, who elaborated on the theme “Role of women and girls in telecom”. **Sh Manoj Mishra**, Centre Chairman, faculty members and students also expressed their views on the theme.

Bhubaneswar

44th WTISD 2012 was celebrated on 17th May 2012 at Regional Telecom Training Centre. The function was presided over by **Prof (Dr) Partha Sarkar**, Principal, GITAM. The Chief Guest **Dr P K Hota**, Sr GM- Telecom, BSNL, Odisha; **Prof (Dr) P Kabisatpathy & Prof R M Pattanayak** were the speakers. Shri K Lakra, Hony Secy IETE, Bhubaneswar, introduced the guests while Shri S Das, Fellow member, extended vote of thanks. Three girls students were awarded on the occasion.

Chandigarh

Commemorating the **44th WTISD** on 18th May 2012, the Chief Guest **Dr Pawan Kapur**, Director, CSIR, CSIO, spoke at length on the importance of World Telecommunication & Information Society Day and emphasized on the benefits of ICT that should reach women & girls working in rural areas of the country. **Shri D S Chhabra**, Hony Secy, IETE Chandigarh Centre, read the message from Dr Hamadoun I Toure, Secretary General, ITU and projected it on the screen for the convenience of the

audience. **Prof (Dr) Renu Vig**, Director UIET, PU, Chandigarh, speaking on the topic, informed that India had largest population of working women in the world and produced more number of doctors, surgeons, scientists, professors than the United States. She said that increasing number of women in IT industry was very encouraging. **Dr B C Choudhary**, Associate Professor & HOD, Applied Sciences, NITTTR, Chandigarh, talked on the topic “**Communication Revolution in last three decades**”. He illustrated the impact of fiber optics technology in the advancement of mobile telephony and internet technologies. Dr C Ghanshyam, Hony Treasurer, IETE, proposed the vote of thanks.

Chennai

- A national conference under the aegis of South Zonal Seminar on “**Expanding Horizon in Computer, Information Technology, Telecommunications and Electronics (EXCITE 2012)**” was organized by the Centre on 20th-21st Apr 2012. The Chief Guest **Shri R K Gupta**, President IETE, inaugurated the conference. The other dignitaries present on the dais were: **Shri H O Agrawal**, Vice President & Chairperson TPC; **Shri K S Prakash Rao**, Vice President & South Zone Coordinator; **Shri A Subramanian**, CGM BSNL, Chennai Telephones; **Fr Francis P Xavier SJ**, Director, Loyola ICAM College of Engineering and **Shri E Muruganandam**, Chairman IETE Chennai Centre. In his inaugural address the chief guest highlighted the emerging trends in the fields of Electronics, ICT and Telecommunication. He urged the student, scholars to keep abreast with the latest developments while simultaneously aim for higher position in technology and development areas. **Shri A Subramanian** spoke on



South Zonal Seminar EXCITE-2012 at Chennai

technological revolution in the area of mobile communications. Over 100 papers were received and 60 were personally presented in the conference. The proceedings and souvenir were released by **Shri R K Gupta**, President IETE and the first copy was presented to the Guest of Honour, **Shri A Subramanian**, CGM BSNL, Chennai Telephones. The conference was widely acclaimed by the Institution and Industries and was given wide coverage by the media.

- The Centre celebrated **WTISD-2012** on 17th May 2012. Shri S Muruganandam, Centre Chairman, delivered the welcome address. The theme of the year “**Women and Girls in ICT**” was explained by **Dr V Thulasi Bai**, Dean, Prathyusha Institute of Technology and Management (PITAM). **Smt Leela Sankari**, GM, MOBILE, BSNL Chennai Telephones, Guest of Honour, delivered the keynote address. **Shri P R Seshadri**, IE(I) Tamil Nadu Circle, Chennai and **Dr G Pandian**, Chairman, IET Chennai Network, were felicitated during the function. All engineering fraternity and professional bodies like IEEE, IET, IE(I), CSI & BES in the city were represented by respective President/Chairman to felicitate IETE Chennai Centre. Col (Retd) K S Chakravarthi of Executive Committee member proposed vote of thanks.

Guwahati

The Centre (NE Region) celebrated the **44th WTISD** on 17th May, 2012 at its own premises. Welcoming the guests, **Shri Prasanta Saikia**, Chairman, IETE Guwahati Centre, pointed out the prominence of the women dignitaries on the dias, which was in accordance to the selected theme “**Women and Girls in ICT**”. **Prof (Mrs) Pranayee Datta**, Dean, Faculty of Technology, Guwahati University, graced the occasion as Chief Guest and emphasized on power of Nanotechnology in ICTs. The Guest of Honour was **Ms R Radha**, GM (NW-CFA & IT), BSNL, Assam Telecom Circle and the key-note addressee was **Ms Kakoli Choudhury**, Technical Director, NIC, Assam State Unit, Dispur. The vote of thanks was offered by Shri Aswini Narzari, Hony Secy, IETE Guwahati Centre. The function was attended by a multitude of ICT professionals from Govt & Private Sectors besides IETE students. An auspicious *Mangalacharan* was performed at the onset of the function by Ms Rosey Brahma, Lecturer, State Music College, Shilpagram.

Imphal

- A written technical **quiz competition** was organized on the

theme: “**Women and Girls in ICT**” on 15th May 2012 by the Sub Centre. Around 95 students from different institutes, in and around Imphal, participated in the contest. The winners for the first three positions were: Borish Yurembam – DEE, VI Sem; Ksh Dainesh Meitei – BCA II Sem; Robert Nameirakpam – BCA II Sem & O Gagarin Singh – O Level. The certificates and cash awards were distributed on 17th May 2012.



Technical quiz in progress

- The Sub-Centre organized the **44th WTISD-2012** on 17th May 2012. **Dr Subothchandra Singh**, Principal, Govt Girls College, Akampat, Imphal and **Shri Kh Kirankumar Singh**, Director (Retd), Horticulture and Soil Conservation, Govt of Manipur, graced the function as Chief Guest and Guest of Honour, respectively. **Shri N Debachandra Singh**, Chairman, IETE Imphal presided over the function. **Shri A Buboo Singh**, Scientist-'E', DOEACC Centre, Imphal and **Shri A Sanaton Singh**, Gen Secy, All Manipur Veteran Journalist Association, deliberated on the theme: “**Women and Girls in ICT**”. A report on the proceedings of the function and an interview with the Chairman, IETE Imphal, was also aired by AIR Imphal Station, on 20th May 2012.

Jammu

The occasion of **44th WTISD** on 17th May, 2012, **Shri Joy Ganjoo**, Chairman, IETE Jammu Centre, spoke on the future of telecommunications and the technological developments. He said it provided basic tools for future communication growth. He added that faster rate of development would benefit the people to stay connected. Dr Pawanesh Abrol, Hony Secy, delivered the welcome address & dwelt upon the importance of the Day. Prof Parveen Lehana, Dr Rakesh Vaid were also present with other members and guests. Er Vijay Sharma delivered the formal vote of thanks.

Kanpur

- The Centre organized workshop on “**Application of MATLAB & Design of Digital Filter using FDA Tool**” on 15th Apr 2012 at IIT Kanpur, for the ISF students. About 105 students & 15 faculty members of Engg Colleges participated in the workshop. **Dr Krishna Raj**, Dept of Electronics Engg, HBTI-Kanpur, delivered a series of lectures on different concepts of MATLAB for Modeling & Simulation, Signal System, Digital Filters etc. about the uses for purposes and application of MATLAB. IETE Fellow Members, Shri B K Karmakar, Technical Advisor, Lohia Starlinger Ltd; Dr R S Anand, Principal Research Engineer, IIT Kanpur; Shri R K Bansal, AGM Quality, Lohia Starlinger Limited; Er C P Verma, IETE Member & Faculty AITH-Kanpur, attended the workshop. Shri B K Karmakar distributed certificates to the participants.
- The Centre in association with IE(I) Kanpur Centre, celebrated **44th WTISD** at IIT Kanpur on 17th May 2012. **Shri R S Sharma**, IAS, DG & Mission Director, Unique Identification Authority of India, (Aadhaar), was the Chief Guest. He talked about several benefits of having an Aadhaar number and its potential to change the lives of Indian residents in times to come. He informed that with its help anybody's identity can be verified online in a cost-effective way. He added that an Aadhaar identity was unique and robust enough to eliminate duplicate and fake identities in government and private databases. India's ambitious Unique Identification Programme (UID) has created wide spread interest among the practicing professionals not only because of mammoth and unprecedented size and critical time frame for providing unique identity to its 1.20 billion citizens but also for the gigantic efforts needed to deploy the high technology to capture bio-metric and demographic information of the masses from every nooks and comers of the country. **Ms Sarbani Bhatia**, Vice President, IT, Jagran Prakashan Ltd, the key note speaker called ICT as an effective tool for catalyzing the economic activity, good governance, sustainable development, globalization of economy and social women empowerment. She said that with ICTs women can broaden the scope of their activities and address issues, previously beyond their capacity. **Dr Adrish Banerjee**, EE-Dept, IIT, Kanpur, deliberated on technical aspects of **Fourth Generation (4G) Wireless Communication**. The programme was attended by 150 members from IETE Kanpur Centre and IE(I) Kanpur Centre.

Kolkata

The celebration of **44th WTISD** on 17th May 2012 at VSNL Auditorium, was inaugurated by **Gp Capt Manas Mukutmoni**, Past Chairman, IETE Kolkata Centre. **Shri Somnath Maity**, CGM, Calcutta Telephone (BSNL), graced the occasion as Chief Guest and delivered the key note address on the theme “**Women & Girls in ICT**”. He highlighted the telecom & network connectivity as an enabler for a nation's socio-economic growth. He said that access to high-speed internet services could make rural BPOs a viable option, offering attractive employment opportunities to village youth. **Shri D P Sinha**, an IT professional and educationist, mentioned the names and the roles of many successful women in IT and telecom fields. Vote of thanks was given by Shri S C Rudra, Hony Secy, IETE.

Meerut

The Sub Centre celebrated **44th WTISD** on 17th May 2012. A **Quiz Contest** on ICT and technical presentations on “**Women and Girls in ICT**” were organized to mark the occasion.

Mhow

- The Sub Centre in association with National Instruments, India, conducted one day workshop on “**Graphical Programming Language and Scalable Programmable Hardware**” at Faculty of Communication Engineering, MCTE, Mhow, on 8th May 2012. The workshop was inaugurated by **Lt Gen Rajesh Pant**, VSM, Commandant MCTE and Col Commandant Corp of Signals and FIETE. In his address, he highlighted the importance of IETE membership and role of IETE corporate members. **Lt Col Rajeshwar Singh**, Hony Secy, IETE Mhow, briefed about the activities of IETE. The workshop was coordinated and conducted by **Dr Rajesh Bodade**, Hony Treasurer, under the guidance of **Col Vivek Tyagi**, Vice Chairman. **Shri Manish Dhruv**, **Shri Sudeep Nagpurkar** and **Shri Mithilesh Pradhan**, the technical consultants of National Instruments, conducted three technical sessions along with practical demonstrations in the workshop. The workshop was attended by IETE members, students, officers of MCTE and teaching faculties of technical institutions at Indore. Fundamental of Graphical Programming Language (Lab View) was covered in first session. Second session was devoted to hardware programming and technical

44th World Telecommunication Information Society Day Celebrations At Centres.



demonstrations. Vote of thanks was proposed by Brig Abhay Bhat, Chairman IETE, Mhow and Commander FCE.

- The Sub-Centre celebrated **44th WTISD-2012** on 17th May 2012. The function was inaugurated by **Maj Gen Harminder Singh**, Dy Commandant & Chief Instructor, MCTE, Mhow. **Col Vivek Tyagi**, Vice Chairman, Sub-Centre Mhow, delivered the opening address. The lady officers of FCE delivered talks on opportunities created by ICT for women, role of ICT improving socio economic conditions of women and about enhancing the utilization of ICT for development of women. A lecture was also delivered by guest speaker on the theme. A quiz competition was conducted. The function was attended by IETE members, student officers/lady officers of MCTE and wives of permanent staff/students officers. This event was organized by Lt Col Rajesh Kapoor, Hony Secy, IETE Mhow. Brig Abhay A Bhat delivered the closing address, highlighting the catalytic role of ICT in creating opportunities for people in every walk of life.
- The Centre in association with National Instruments, India, conducted one day workshop on **“MATLAB for Signal Processing and Communication Applications”** at Faculty of Communication Engineering, MCTE, Mhow, on 15 June 2012. The Workshop was inaugurated by **Brig Abhay Bhat**, Chairman IETE, Mhow and Commander FCE. **Shri Puneet Kumar**, Principle Application Engineer and **Shri Deepak Sharma**, Territory Education Manager of Mathworks India Pvt Ltd, New Delhi, conducted the technical sessions along with practical demonstration in the workshop. The workshop was attended by IETE members, student officers of MCTE and teaching faculties of technical institutions at Indore. The workshop was conducted in five technical sessions. MATLAB and Simulink in Engineering Education was carried out in first session. Second and third session was devoted to Signal Processing System Design with MATLAB and Image & Wavelet Based Analysis of Signals respectively. Advanced Communications System Design along with demonstrations was carried out in fourth session. Embedded Code Generation for DSP and FPGA Implementation was demonstrated under projects based learning in last technical sessions. All the participants were benefitted from the workshop. Vote of thanks was proposed by Lt Col Rajeshwar Singh, Hony Secy IETE Mhow.

Mumbai

The Centre celebrated **44th WTISD** on 17th May 2012 at PVPP College of Engg, Sion, jointly with IET Mumbai Network, IEEE AES/COM India Chapter, IEEE COM/SOC Bombay Chapter and BES (I), Mumbai Chapter. Shri N K Karnani, Convener, delivered the welcome address. Dr J W Bakal, Chairman, Mumbai Centre, addressed the audience and the message of ITU Secretary General, was read by Shri Freddy Dinshaw, Chairman, IET Mumbai Network. Shri Q Bakir, Chairman, IEEE AES/COM India Chapter read out the message of UN Secretary General, and addressed the audience. The Chief Guest, **Dr Prachi Gharpure**, Principal, Sardar Patel Institute of Technology, Mumbai, delivered an interesting talk elaborated with case studies showing participation of women in every field of life. This event was telecast by Doordarshan in the evening news. Vote of thanks was by Ms Ashwini Kunte, Hony Secretary of the Centre.

Nagpur

- The **Late Dr P K Kapre Memorial Lecture** function was inaugurated by the Chief Guest, **Dr B P Joshi**, Principal of Cummins College of Engg for Women, Nagpur, on 2nd Apr 2012. **Dr R S Naidu**, Principal, Government Polytechnic, Nagpur, presided over the function. **Dr B P Joshi** spoke on the **“Emerging Trends in Sensor Technology for Weapon Systems”** and discussed the technology spectrum of armament. He stressed on the need for weapon sensors and areas like fusing systems, ballistic data instrumentation, integrated weapon management systems, competent munitions and solider as an independent system. He spoke on the MEMS (Micro Electro Mechanical System) based system applications in weapon technology. Dr Naidu stressed on the need for automatic station information in the railways at remote places. Vote of thanks was proposed by Prof PD Khandait.
- One day seminar on **“RFID (Radio Frequency Identification) in Healthcare Management”** was organized on 29th Apr 2012. **AVM U A Deshpande (Retd)**, presided over the inaugural function. **Shri A G Joshi**, Director, An Ascent Academy, Nagpur, was the Chief Guest & **Dr Nirbhay Karandikar**, Consultant Orthopedic Surgeon & Traumatologist, was the Guest of Honour. Dr D A Deshpande, Chairman, IETE Nagpur Centre, and Prof P D Khandait, Hony Secretary, IETE Nagpur Centre also shared the dais. Dr Nirbhay Karandikar informed that RFID is a technology that

enables wireless data capture and transaction processing. He stressed the need for intelligent applications that allow doctors, nurses, pharmacists and other members of healthcare system to track patients, check availability of medication or equipment before generating and transmitting electronic prescriptions using a PDA, (Personal Data Assistant). Shri AG Joshi informed about the ongoing research work on RFID in the Govt Polytechnic, Nagpur. He opined that RFID implementation in a closed-loop healthcare facility would produce tangible benefits like reduction in labour costs, location tracking, better control of inventory, controlling loss and theft, better security, standardization of supply delivery, selection and usage, increase patient safety- hazard and threat detection etc. **AVM U A Deshpande**, in his presidential address expressed that RFID is creating an impact on the way identification and tracking of items are done and about its application in different areas. The technical sessions were chaired by **Er A R Sawatkar**, GM Mobile, BSNL and **Wg Cdr V M Deshpande**, Nagpur. In technical session, presentations were given by **Dr Prashant Naik**, ENT Surgeon; **Dr P Madavi**, Dy Superintendent, Mental Hospital, Nagpur; **Miss Anuradha Bele** of Veterinary College & **Dr D A Deshpande**, Centre Chairman. The Centre organized an essay competition in the name of **Late Mrs Suraksha Gorowara** for the students from 9th to 11th class on the subject “**Electronics for Human Health**”. The first prize was won by Nayan Barde and Shruti Bhagwat students of Jindal Public School, Nagpur; the 2nd prize was won by Zoeb Dhamani, Sandipani School, Nagpur and Sumit Shirgure, Bhawan's Bhagwandas Purohit Vidya Mandir, Nagpur; and the 3rd prize was bagged by Shrishti Roy, Dinanath High School, Nagpur. The rolling trophy was bagged by Jindal Public School, Nagpur.

- The Centre celebrated **44th WTISD-2012** on 17th May 2012. **Shri Deepak Menaria**, VP, Human Resource, Global Logic Nagpur, the Chief Guest; **Shri Pramod Kumar Singh**, Principal Consultant, Persistent, the Guest of Honour; **Dr D A Deshpande**, Chairman, IETE Nagpur Centre and **Prof P D Khandait**, Hony Secy, shared the dias. The Chief Guest in his address said that focus should be on women and girls, using the power of ICTs to provide new digital opportunities to end discrimination and empower them. **Dr D A Deshpande** in his presidential address cited the ratio of male to female in Maharashtra as well as at the national level and suggested the measures to enhance the opportunities for women and girls in various sectors.

Navi Mumbai

IETE West Zone seminar on “**Technological Convergence**” was organized by the Centre on 5th-6th May 2012 at Navi Mumbai. **Dr P V S Rao**, DFIETE, was the Chief Guest and delivered keynote address. President IETE, **Shri R K Gupta**, inaugurated the seminar. **Prof V N Pawar**, Chairman IETE Navi Mumbai, delivered the welcome address. **Smt Smriti Dagur**, Zonal Coordinator (West); **Shri H O Agrawal**, Vice President & Chairman, TPC & **Prof (Dr) K T V Reddy**, Governing Council Member addressed the audience. **Shri K Balasubramanian**, Convener, delivered the vote of thanks. **Shri M K Shedha**, CGM, Wireless Services, MTNL, Mumbai; **Dr S S Rathod**, Prof & Head of Electronics Engg Deptt, SPIT, Mumbai; **Dr M K Sinha**, Principal, Indira College of Engg, Navi Mumbai; **Dr V Ramgopal Rao**, Institute Chair Prof, Dept of EE, IIT, Mumbai; **Shri H D Khosla**; **Dr Swaroop Ganguly**, IIT Mumbai & **Dr S Ekram**, AGM, Crompton Greaves Ltd, Mumbai, also addressed the audience.



Dignitaries on the dias during Seminar on “Technological Convergence”

Patna

To commemorate the **44th WTISD**, a function was organised on 17th May 2012, presided over by **Prof (Dr) Lalan Singh**, Chairman, IETE Patna Centre. Others present were: Dr Arun Kumar, Immediate Past Chairman and Dr H S Singh, Hony Secretary, alongwith Shri Alok Kumar, Shri S P Vats, Shri Manoj Kumar and Shri Amitabh Kumar. To mark the occasion IETE Patna Centre launched its own website www.ietepatna.org and linked it with IETE HQs website. **Shri Manoj Kumar** read out the message from Dr Hamadoun Toure, the Secy Gen of ITU. Dr Lalan Singh emphasized the role of ICT in dissemination of information in various sectors. **Dr Arun Kumar** dwelt at length on the

role of Women and Girls in ICT. **Dr H S Singh** discussing the role of ICT, stated that ICT has contributed significantly in providing information regarding weather, agriculture, health care, safe drinking water, sanitation besides expanding the horizon of knowledge in education and services in banking etc.

Palakkad

The 2nd floor of IETE Palakkad building was inaugurated by **Shri R K Gupta**, President IETE, on the 3rd May 2012. **Shri M R Vikraman**, Chairman Palakkad Centre, delivered the welcome address. **Shri C K Haridas**, Founder Chairman, Palakkad Centre, presented a report on the new construction. **Shri K S Prakash Rao**, Vice President and South Zone Coordinator and **Dr S Surendra Pal**, Chairman, M&CC, delivered the felicitation speeches. President IETE appreciated the performance of the Centre and congratulated the efforts taken by Sri C K Haridas in achieving the milestone in a short time. There was interactive students' session. The function was covered by local media channels and the Doordarshan. **Shri C Pradip**, Hony Secy proposed vote of thanks.



Inauguration of second floor of IETE Palakkad Centre

Rajkot

The Centre celebrated 44th WTISD on 17th May 2012. **Shri V M Patwari**, Ex Principal, AVPT College, Rajkot, delivered the welcome address. **Shri D M Pujara**, HOD-CE, AVPTI, Rajkot, read the message from ITU Secretary on the theme “**Women and Girls in ICT**”. Key note address was by Ms Mital Vora, Asstt Prof, T N Rao College, Rajkot. Ms Jemini Pawagadhi, AVPTI, Rajkot & Ms Shruti Tratiya, VVP Engg College, Rajkot, also addressed the audience

Vote of thanks was delivered by Er V M Thummar, Hony Treasurer, IETE Rajkot Sub Centre.

Vadodara

- The Centre and Institute of Engineers, Vadodara Chapter, jointly celebrated **WTISD** on 17th May 2012. **Mrs Bharati Vyas**, Ex-Mayor, VMSS, Vadodara, was the Chief Guest. Other dignitaries present were: Prof M M Pathan, IPC, Vadodara Centre; Dr R C Desai, Founder Chairman, Vadodara Centre; Ex Com Members of IE(I) and IETE Vadodara Centre. Prof N M Bhatt, Administrator, IE(I), Vadodara Local Centre, welcomed the guests and all the participants. Prof Satish Shah talked about the theme of the year. The Chief Guest, Mrs Bharti Vyas in her address, shared her ICT related experiences and cautioned against the possible misuse of ICT. **Ms Mamta Padole**, Associate Prof, Computer Sc Dept, MS University of Baroda, Vadodara, discussed impact of ICT on common woman empowerment and scenario change with time. **Mrs Nisha Shah**, Associate Prof, Computer Sc Dept, SVIT, Vasad, identified areas where more efforts were needed to increase inclination of women towards ICT. Current issue of IETE Newsletter (Vol 11-12) May 2012 was released by dignitaries on dais. Young woman members of IETE Vadodara Centre were felicitated for their achievement in the field of ICT. **Dr (Mrs) Hina Chandwani**, proposed vote of thanks.
- The Centre in association with EE Dept, Faculty of Technology & Engg, and MS University, organized a seminar “**MAGIC and IT Security**” on 26th Feb 2012. **Smt Smriti Dagur**, Zonal Coordinator (West) was the Chief Guest and presided over the function. **Shri Utpal Mistry**, Founder Chairman, Surat Sub Centre, was the Guest of Honour. Speakers from the Universities in Gujarat participated in the seminar. 125 delegates including committee members of IETE Ahmedabad Centre, corporate members, student also joined them. Other dignitaries present were: Prof M M Pathan, IPC, Dr R C Desai, Dr Karan Parmar, Prof Vijay Patel, Shri Dhaval Patel, Prof D J Shah, Prof N M Bhatt. Shri Utpal Mistry talked about the plans of new activities at the Centre. The Chief Guest, **Smt Smriti Dagur**, informed audience about the west zone activities. The seminar was divided in two sessions. First technical session was chaired by **Shri A M Nayak**, ONGC, Vadodara, who introduced the speakers Ms Dharmistha D Vishwakarma, Shri Dhaval Patel and Prof Vijay Patel. The second

session was chaired by **Wg Cdr S R Vasavada**, Past Chairman, IETE Vadodara Centre. The feature of generation and evaluation of broadband technology and parameters and components of 4G-Magic, features of cognitive radio, network security basics, challenges and devices for further wireless networks their applications were discussed. Ms Dharmistha D Vishwakarma, MSU, in her talk discussed features of generations and evolution of mobile broadband technology, parameters and components of 4G-MAGIC, and radio Interface Architecture. Shri Dhaval Patel, Nirma University, discussed features of cognitive radio. He discussed next generation network architecture and cognitive cycle. Prof Vijay Patel, Ganpat University, held forth characteristics: estimation, uncertainty and capacity of Wireless Channel and issues related to diversity- time and antenna. Dr Kiran Parmar, LDEC, Ahmedabad, explained network security basics. Dr D J Shah, LCIT, Bhandu, discussed challenges and devices for future wireless networks.

Vijayawada

- The Centre celebrated **44th WTISD** on 17th May 2012 under the Chairmanship of Dr E V Krishna Rao. The

Chief Guest & keynote speaker, **Dr K Nageswara Rao**, Prof & HOD, Dept of CSE, PVP Siddhartha Institute of Technology, Kanuru, Vijaywada, delivered a talk on the theme "**Women & Girls in ICT**".

Visakhapatnam

The Centre celebrated the **44th WTISD** on 17th May 2012 at its premises. **Shri S V Rangarajan**, Outstanding Scientist, Director, NSTL & Chairman, IETE Visakhapatnam Centre, presided over the function. He emphasized the importance of ICT in the economic growth of a nation. **Shri P Nagaraju**, Sr GM, BSNL, Visakhapatnam was the Chief Guest at the occasion. He spoke at length about the importance of ICT in different avenues of life and challenges for an economically viable solution. **Prof (Mrs) K Raja Rajeswari**, Governing Council Member; **Prof M Shashi**, Dept of Computer science, Andhra University and **Shri Abraham Verghese**, Scientist F, NSTL, Hony Secy, talked on "**Girls and Women in ICT**". Prof Leelaram Prakash, Vignan College of Engg, proposed the vote of thanks.

ISFs Activities

- **ISF at KLN College of Information Technology, Pottapalayam, Sivagangai Dist, Tamil Nadu**, conducted a technical lecture on "Advancements in the mobile communication and its current trend in communication" by Shri T R C Shyam Babu, R&D Nokia Siemens Networks, Bangalore, on **Jan 09, 2012**. Another technical lecture on "Antennas and Wave Propagation" by Dr B Manimegalai, Asst Prof, ECE, Thaigarajar College of Engg, Madurai, was conducted on **Feb 23, 2012**.
- **ISF at Kongu Engg College, Perundurai, Erode**, conducted a series of events including an inter departmental symposium, Vibrants'12 on **Jan 21, 2012**; a guest lecture on "New Compound Semiconductors for Opto Electronics" by Dr K Thangaraj on **Feb 01, 2012**; an Inter Departmental Symposium Tech Thirst-II on **Feb 04, 2012**; a national level technical symposium Fectra'12 and a valedictory function on **Mar 03, 2012**.
- **ISF at EC & TCE Dept of JNNCE, Shimoga**, celebrated the IETE Students' Day on **Feb 02, 2012**. ISF conducted a talk on "Awareness on Placements" by Shri Srinivasa Anagavadi, Alumni, E&C Dept, Wipro, on **Feb 24, 2012**. ISF members participated achieved number of distinctions in technical activities. **ISF** also celebrated its Annual Day on **May 12, 2012**. Sri G V Raghavendra, JTO, BSNL, Shimoga, was the Chief Guest. The function was presided over by Dr R Srinivas Rao Kunte, Chairman, IETE Shimoga Sub-Centre and Principal JNNCE, Shimoga.
- **ISF at MVJ College of Engineering, Bangalore**, was inaugurated on **Feb 17, 2012** by Wg Cdr H R Parthasarathy, Chairman, IETE Bangalore Centre. Dr M H Kori, Technical Director, Lucent Alcatel (Retd), delivered a technical talk on "Wireless Systems".
- **ISF at Dept of ECE, School of Technology, GITAM University, Hyderabad**, was inaugurated on **Feb 17, 2012**
- **ISF at Aarupadai Veedu Institute of Technology, Chennai**, Vinayaka Mission University, hosted a number of technical activities like: Recent Trends in Mobile Communication in **Feb 21, 2012**; Recent Trends in

Embedded Systems, **Feb 22, 2012**; Communication Skills, **Mar 17, 2012**; and INAUTICS' 12 - Intra Department paper Presentation, Project Contest & Quiz Competition, **Mar 5-6, 2012**.

- **ISF at Sapthagiri Engineering College, Bangalore**, was inaugurated on **Feb 25, 2012** by Wg Cdr H R Parthasarathy, Chairman, IETE Bangalore Centre. Dr M H Kori, Technical Director, Lucent Alcatel (Retd), delivered a talk on “Wireless Communication & Recent Trends in Wireless Communication Technique”.
- An Inter College workshop on “Network Design and Configuration Fundamentals” was conducted on **Feb 25, 2012** by **ISF at PSG College of Technology, Coimbatore, Tamil Nadu**. The resource person was Shri Athidheerapandian. It also conducted an Intra College workshop on “Linux Programming Interface-Open Gyan” on **Mar 04, 2012**. The resource persons were Shri Lakshmi Narayanan N, Project Manager, HCL Technologies and Shri Badhri Nath S, Technical Lead, HCL Technologies. A valedictory function was organized on **Mar 14, 2012**.
- **ISF at Dept of ECE and EEE of P S R Rengasamy College of Engg for Women, Sivakasi, Tamil Nadu**, organized one day guest lecture on “Indian Space Research Organization – Exploring the Space” on **Feb 28, 2012**, by Shri G Sathish Kumar, Scientist/Engineer from Sriharikota.
- **ISF at Maharashtra Institute of Technology, Pune**, conducted a guest lecture on “Integer Division” on **Mar 03, 2012** by Dr Shrirang Karandikar, Computer Research Lab.; a workshop on “Design Implementation and introduction to Proteus” on **Mar 09, 2012** by Prof (Dr) R B Ghongada, VIIT, Pune; organized industrial visit to 'Futura Apsol', Pune; on **Mar 20, 2012**. A guest lecture was conducted on “Virtual Memory and Cache” on **Mar 22, 2012** and on “Parallel Processing Architectures” on **Mar 28, 2012** by Dr Shrirang Karandikar, Computer Research Lab.
- **ISF & Dept of ECE, Muthayammal Engineering College, Rasipuram, Tamil Nadu**, conducted a guest lecture on “OFDM in Wireless Applications” on **Mar 05, 2012**; a lecture on “FinFET Characteristics” on **Mar 06, 2012**; a lecture on “Low Power VLSI Design- Challenges and Solutions” on **Mar 12, 2012**; a lecture on “Recent Trends in Software Defined Radio” on **Apr 03, 2012**. The programme was inaugurated by Dr S Nirmala, Prof/HOD of Electronics and Communication Engg.
- **ISF Chapter at the Dept of ECE of Bapatla Women's Engg College, Bapatla, Guntur Dist**, was inaugurated on **Mar 10, 2012**.
- **ISF at Vivekananda Institute of Technology & Science, Karimnagar**, was inaugurated on **Mar 13, 2012**.
- **ISF at Gokhale Education Society's College of Engg, Nasik, Maharashtra**, was inaugurated by Prof M D Kokate, Principal of K K Wagh Polytechnic and Chairman, IETE Nashik Centre on **Mar 15, 2012**. ISF also conducted a three day workshop on “Embedded 'C' programming for Microcontrollers” during **Mar 15-17, 2012**.
- **ISF & Dept of E&TC, Maharashtra Academy of Engg, Alandi, Pune**, organized TE&BE project competition on **Apr 05 & Apr 13, 2012**. Dr Sanjay Patil, HOD, E&TC Dept, delivered an inaugural speech in which he addressed all students on “Improving the quality of their projects, its documentation and presentation”. Prizes were given by Dr Asha Gaikwad, Asst Prof, E &TC Dept.
- **ISF at K S Institute of Technology, Raghuvanahalli, Bangalore**, was inaugurated on **Apr 09, 2012**. The Chairman Centre, Wg Cdr Parthasarathy was the Chief Guest on the function. Dr D C Pande SC-H, LRDE, DRDO, Bangalore, delivered the key note address on "Recent Trends on Radars and Antennas Systems", on the occasion.
- **ISFs were inaugurated at Technocrats Institute of Technology– Main; Technocrats Institute of Technology– Excellence; Technocrats Institute of Technology– Science; and Technocrats Institute of Technology– College**. The inauguration of IETE student chapter of these colleges was jointly organized on **Apr 20, 2012**. **Shri Manoj Kumar Mishra**, Chairman, IETE MP & Chhattisgarh was the Chief Guest & **Shri R P Gupta**, Hony Secretary was the guest speaker. About 700 students have registered as a student member from these colleges.
- A seminar on “Home & Technology” was conducted by **EC Dept, Mahakal Inst of Technology & Management, Ujjain** under ISF activities on **Apr 21, 2012**.

Professional Activity Centres (PACs)

- As a part of **ISF and Professional Activity Centres (PAC)**, the **Dept. of ECE & TCE at SJCIT, Chickballapur**, organized a national level technical paper presentation KSHITJA-2012 for undergraduate, post graduate and faculty of different engineering colleges on **Apr 20, 2012**. **Dr Puttamadappa**, Principal, Sapthagiri College of Engineering, Bangalore, was the Chief Guest and Judge for the event. **Dr K Suresh**, Prof & HOD, Dept of EE and **Prof Aravind**, Dept of ECE Reva Institute of Technology, also judged the event. **Dr T Munikenche Gowda**, delivered the presidential address.

ISF also conducted the 5th IETE Conference on RF and Wireless during **Apr 26-28, 2012**. Tutorials on Microwave School and Embedded System and Applications from eminent speakers was conducted on first Day and the next day, the inaugural function was followed by invited talks. About 80 papers were received and 30 were shortlisted for the presentation. Wg Cdr Parathasarathy, Chairman, IETE Bangalore Centre, briefed about the IETE and its activities and usefulness to

the students community. Dr M H Kori, enlightened about the conference. **Dr Surendra Pal**, Satish Dawan Professor, Governing Council Member IETE, was the guest of honour on the occasion. **Dr M Lalith Kumar**, Director, MTRDC, DRDO Labs was the Chief Guest and delivered the key note address. Dr T Munikenche Gowda, Principal, SJCIT, delivered the Presidential address.

- **4th International Conference on Electronics Computers Technology Nagercoil**, an IEEE Conference was organized in collaboration with IETE Nagercoil, PAC, from 6th – 8th April 2012. More than 225 participants registered for the conference. The welcome address was delivered by Dr S Arumuga Perumal. The keynote session began with international speaker Dr Touzene, SQU, Oman and Dr Gopinatha Ganapathy, Head & Director, Bharathidasan Univ, Dr S Arumuga Perumal Associate Prof & Head of Deptt of CS and Dr N Krishanan, Prof & Head, Centre for IT, M S Univ, IEEE Pothigai Session Chair, also addressed the audience.

WELCOME NEW ORGANISATIONAL MEMBERS

- * **Vivekananda Institute of Technology and Science (VITS), Karimnagar, AP, (G00437)**, established in 2004, is managed under the visionary leadership of the Chairman, Dr M S Ananda Rao. The day to day administration is handled by the Vice-Chairman, Shri M Vivekanand Rao. A team of senior faculty with good academic qualifications and rich teaching experience form the core strength of the Institution. This team is led by Principal, Dr D K N Rao, PhD (IIT Bombay), with a teaching and industrial experience of 32 years. VITS is presently offering courses in ECE, CSE, IT, EEE, Mech and Civil Engg branches. The institute is built up on the spacious campus with good infrastructural facilities, good library and internet facilities. It has been the Organizational Member of ISTE, CSE and IEEE and recently become the IETE Organizational Member. Prof Lt Col (Retd) N C Pant is the Faculty coordinator for the IETE Student Forum. VITS provides an ideal ambience to the budding engineers to shape their career by imbibing knowledge as well as life skills.
- * **Universal Technical Institute, Kannur, Kerla (G00438)**, is performing a significant role in the education field in Kannur / Kasargod districts of Kerala. The institution was

started by the Cherukunnu Educational & Cultural Society during 1998 with the aim to provide higher education facilities to the students belonging to economically backward families of the North Malabar Region. Now it is developed as a well known training institution conducting several Government recognized Technical / Non Technical courses in various categories. **Universal Technical Institute** is recognized by the Department of Technical Education, Government of Kerala, and conducts courses in (i) Electrical Engineering, (ii) Electronics & Communication Engineering, (iii) Radio & Television Engineering, (iv) Automobile Engineering, (v) Refrigeration & Air Conditions. **Universal ITC** is affiliated to DGE&T, Government of India and conducting NCVT Courses in the trades of (i) Architectural Assistant, (ii) Mechanic Repair & Maintenance of Light Vehicles, (iii) Front Office Assistant, (iv) Cabin/Room Attendant, (v) Steward, (vi) Craftsman Food Production, (vii) Health Sanitary Inspector. Moreover, the Universal Group of Institution is also working as an excellent coaching centre for Electronics & Telecommunication Engineering, Computer Science & Engineering, Civil Engineering and Mechanical Engineering branches.

Press Clippings....

'Technology can end gender inequality'

Technology can end gender inequality, says a report from the World Economic Forum. The report says that while men and women are equally represented in the workforce, women are still under-represented in senior positions and in STEM fields. The report also says that women are more likely to be in part-time jobs and have lower pay than men.



नारी सशक्तीकरण का मंत्र बना आईसीटी

आज का जमाना नारी सशक्तीकरण का मंत्र बना आईसीटी है। नारी सशक्तीकरण के लिए आईसीटी का उपयोग करना सबसे अच्छा तरीका है। आईसीटी नारी को नौकरियों, शिक्षा और स्वास्थ्य सेवाओं तक पहुंच देता है।



World Telecommunication Day held

The 44th World Telecommunication Day was celebrated on Thursday at the PVP Siddhartha Institute of Technology. The event was attended by the Vice-Chancellor, the Head of the Department of Electronics and Telecommunications, and other faculty members. The day was filled with various activities, including a quiz competition and a group discussion.

Indian industry needs to evolve

'Use the Internet which has become ubiquitous and the world is now networked'

Industry leaders are calling for a paradigm shift in the Indian IT sector. They argue that the industry has become too dependent on the US market and needs to diversify. They also call for more investment in research and development to create new products and services.



'आधार' से होंगे छात्रवृत्ति पेंशन व मनरेगा के भुगतान

केंद्र सरकार का फैसला है कि 'आधार' योजना के तहत छात्रवृत्ति, पेंशन और मनरेगा के भुगतान शुरू किया जाएगा। यह योजना गरीबों को आसानी से पैसे मिलाने में मदद करेगी।

44th WTS Day celebrated at MCTE, MII

The 44th World Telecommunication Day was celebrated at MCTE, MII. The event was a success and was attended by many guests. The day was filled with various activities, including a quiz competition and a group discussion.



जिंदगी बदलने की क्षमता है आधार नंबर मे

आधार नंबर की मदद से आपकी जिंदगी बदल सकती है। आधार नंबर आपको नौकरियों, शिक्षा और स्वास्थ्य सेवाओं तक पहुंच देता है।



पान की दुकान पर माइक्रो एटीएम

एटीएम को पान की दुकान पर लाने से लोगों को आसानी से पैसे मिल सकेंगे। यह योजना गरीबों को आसानी से पैसे मिलाने में मदद करेगी।



Telecom day

VIJAYAWADA: The Institute of Electronics and Telecommunications Engineers (IETE) Vijayawada local chapter celebrated the 44th World Telecommunication Day here on Thursday. The PVP Siddhartha Institute of Technology Computer Science Engineering Department head K. Nageswara Rao delivered a talk on 'women and girls in ICTs (information and communication technologies)'. The IETE Vijayawada branch chairman F.V. Krishna Rao presided over the function. IETE honorary secretary MVS Prasad, and honorary treasurer M. Kama Raju were present.

हल निकालती 'मैटलेब' भाषा

कमजोर अर्थव्यवस्था में 'मैटलेब' भाषा का उपयोग करने से आसानी से पैसे मिल सकेंगे। यह योजना गरीबों को आसानी से पैसे मिलाने में मदद करेगी।

DNA Indore Dated 09 May 2012

Workshop on 'Graphical Programming' at MCTE

A workshop on 'Graphical Programming' was held at MCTE. The workshop was attended by many students and faculty members. The day was filled with various activities, including a quiz competition and a group discussion.



आमाब असम

आमाब असम की मदद से आपकी जिंदगी बदल सकती है। आधार नंबर आपको नौकरियों, शिक्षा और स्वास्थ्य सेवाओं तक पहुंच देता है।



President IETE visits NIEC, New Delhi

The Computer Science Department of Northern India Engineering College, New Delhi, a unit of Babu Banarsi Das Group of Institution, affiliated to GGSIP University, organized its annual technical event “**Technophilia 2012**” as a national conference on “**Emerging Information Technology & its Solutions**” on Mar 22, 2012. **Shri R K Gupta**, President IETE, graced the occasion as the Chief Guest. **Dr P K Saxena**, Director, SAG, DRDO, was the Guest of Honour. Other eminent speakers included: Prof (Dr) Kapil Gautam from Gautam Buddha University; Prof (Dr) Muneesh Trivedi, DIT from Gautam Budha Nagar; Prof R K Manocha from IMS, Ghaziabad; Shri Pankaj Kumar, Software Development Advisor, Dell International Services and the invited guests speakers. The CEO of the College, Shri S N Garg and the Director, Prof (Dr) S C Gupta, released the proceeding containing 31 research papers. Faculty members and students of various institutes attended the National Conference.



IETE 2nd Alumni Meet - 2012

The 2nd IETE Alumni Meet was held on 22nd June 2012 at CSOI, New Delhi in order to facilitate constant interaction with alma mater. The meeting had a single point agenda of interacting and networking with graduates. It was heartening to note that IETE Alumni participated and shared their views regarding aims and objectives of the institution. IETE is proud of its alumni as they have distinguished themselves in various endeavours around the globe.

To keep in touch with the institution please visit IETE Alumni Association link on the Institution's Website www.iete.org.

Achievements



Prof Samir K Bandyopadhyay (F 139133) is associated with Department of Computer Science and Engineering University of Kolkata. He did his Doctorate in Cardiology, published nine books related to Computer Science & Medicine and also published 200 papers in International and National journals. After serving as Registrar of the University of Kolkata & Registrar of West Bengal University of Technology, he has now been offered the coveted post of **Vice Chancellor of West Bengal University of Technology, Kolkata**. IETE fraternity congratulates and wishes him all the best in his new role.



Dr K Lal Kishore (F046833L) has 34 years of teaching experience including 24 years in Research. He was the Research Guide for 11 PhD students, published 152 Research papers in reputed International & National Journals and authored six books. After serving as Registrar In-charge in JNTU, Hyderabad, Dr K Lal Kishore has now been offered the coveted post of **Vice Chancellor of JNTU, Hyderabad**. IETE fraternity conveys heartiest congratulations to him on this achievement.

Announcement & Call for Papers
55th Annual Technical Convention-2012 & IETE Electro Spectra Expo 2012
“AMPERE – Paradigm Shifts and Impact of ICT”

(Automobile Electronics/Medical Electronics/Power Electronics/Entertainment Electronics/
Railway Electronics/Electronics in Education)

28th Sept-30th Sept 2012 at NIMHANS Convention Centre, Bangalore

The IETE ATC 2012 will address the technical interests related to Impact of ICT on industrial applications. The main thrust of the Conference is to study/discuss Impact of Communication Technologies on non-ICT Industries/Applications/Fields like Automobile, Medical, Power, Entertainment, Railways, Education (AMPERE).

Call for Papers:

Papers falling in following areas are invited for presentation.

Automobile Electronics: Engine Electronics, Transmission Electronics, Chassis Electronics, Active Safety, Driver assistance, Passenger Comfort, Infotainment systems. **Medical Electronics:** Safety Aspects of Medical Instruments, Patient Monitoring Systems, Bio-Medical Recorders, Transducers, Bio-Electric Signals and Electrodes, Bio Medical Signal Processing, Enhancement Devices for human capability-hearing aids-pace makers-spectacles-monitors-warning devices.; **Power Electronics:** Solid State Devices, DC/AC Converters, AC/AC Converters, Simulations of Power electronic Systems, Smart Grid, Power Distribution Controls, Energy Meters; **Entertainment Electronics:** Li-Ion Battery Packs, DVD Player, DVD Recorder, Home Theatre, Home Audio Systems, LCD/Plasma TVs, Portable Devices, Set Top Boxes, Short Range Wireless Devices.; **Railway Electronics:** Electronic Signaling Systems, Digital Axle Counters, Train Activated Warning Devices, e-ticketing & reservations.; **Electronics in Education:** e-Learning, Laptops for kids and teens, aids in music education, Computer Aided Education, e-learning of languages, Projection Systems, interactive systems, aids to physically challenged.

Important Dates:

Submission of Abstracts -Before 20th Jul 2012, Provisional Acceptance intimation by 31st Jul 2012, Full Paper Submission-31st Aug 2012, Author Registration -Before 10th Sep 2012.

Delegate Fee for Tutorials for 28 Sept 2012 –Rs 1500/- & ATC -2012 Fee for 29th & 30th Sept 2012 – Rs 2,500/-

IETE Electro Spectra Expo 2012 at NIMHANS Convention Centre. Stall Tariff(3 mtr x 3 mtr): Rs 30,000/-

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Important Notice

IETE is proposing to switch over to **Online Voting System** for elections, w.e.f. 2013, both for the Governing Council as well as Centres. In order to enable this electronic system it is essential that all members intimate their contact information, 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.

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