

FROM PRESIDENT'S DESK



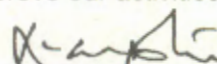
With the start of the New Year 2011, we have rededicated ourselves with renewed vigour to fulfill our planned actions and commitments. The first major achievement to this end is institutionalizing the IETE Students' Day on February 1 every year. IETE Centres/Sub-Centres celebrated the 1st IETE Students' Day on 1st February 2011 with great fervour. This is an important milestone of IETE. We are committed to launch many more activities for our students. We do believe that our socialistic and professional approach to spread higher technical education will certainly help us to provide quality education at affordable cost and increase our student-base. Finding suitable jobs for our diploma, graduate & post graduate pass-outs is another priority that keeps us in constant touch with various organizations, industry and leading business houses. During 2010, Delhi and Ahmedabad Centres of IETE topped the list by providing suitable placements to maximum number of IETE students. I take this opportunity to congratulate these Centres, students and also the companies, M/s Silcore Technology & M/s Delhi Airport Metro Express Pvt Ltd (DAMEPL) – a Reliance ADA Group Company, for selecting many of our students and giving them a good beginning in their professional career. I make an earnest appeal to Chairpersons of all other Centres/Sub-Centres to put in their best efforts to help IETE students find suitable placements.

The Telecom Industry in India has registered continuous growth over the last couple of years. New/upgraded versions of products are making a bee-line in the market. Keeping this in view, the topic chosen for the 1st IETE Apex Forum of 2010-11 was 'Fixed Mobile Convergence – Opportunities and Challenges' which was held at IETE HQ on 21 Jan 2011. The Forum evoked considerable interest among participants as the topic chosen was relatively a new concept for Indian Industries and had close relevance to the much awaited Mobile Number Portability (MNP). Keeping pace with the upcoming technologies, two regional seminars have also been held: one at IETE Vadodara Centre on "Effects & Control of Electronic Waste" on 16 Jan 2011 and the other at IETE Trivandrum Centre on "Cloud & Grid Computing" on 26 Feb 2011. Both the seminars witnessed excellent presentations by panelists and invitees.

Our Centres are our important links throughout the country and we are determined to upgrade the existing Sub-Centres and establish new Centres/Sub-Centres in states where we do not have any presence yet. I am pleased to inform that the Palakkad Sub-Centre of IETE has been upgraded to full-fledged Centre with effect from 28 Jan 2011 and the 58th IETE Sub-Centre has been opened at Kakinada on 19 Feb 2011. We are also working to establish a new Centre at Ambala and there are plans to upgrade IETE Warangal Sub-Centre.

IETE is making efforts to automate its operations for efficient and productive work culture. In this direction, we have initiated a number of steps, the most recent being the facility for online payments for membership and examination by members and students. Details of this facility are available on IETE website. Payments can be made by credit/debit cards or through net banking.

There is no doubt that the future of Electronics Industry in our country is bright and IETE is committed to play pivotal role in promoting new technologies by creating awareness through seminars, apex fora and symposia. Your feedback and suggestions to improve our activities are always welcome.


R K Gupta

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IETE HQs, New Delhi



सह वीर्यं करवावहे

News From Headquarters

Apex Forum on Fixed Mobile Convergence : Opportunities & Challenges

The first Apex Forum (2010-11) on "Fixed Mobile Convergence – Opportunities and Challenges" was held on 21st January, 2011 at IETE, New Delhi. **Shri S C Misra**, Member (Services), Telecom Commission and Ex- Officio Secretary to the Government of India, was the Chief Guest. The Guest of Honour, **Shri Kuldip Singh**, CMD, MTNL, delivered the key note address. The expert panelists were : **Shri I S Sastry**, DDG (N), TEC, Govt. of India; **Shri Satyen N Gupta**, Chief Regulatory Advisor, BT Global Services India & SAARC; **Shri S Sethumadhavan**, Director, Huawei Telecommunications India Co Pvt Ltd; **Shri Rajesh Tuli**, MD, Coral Telecom; **Shri Sanjeev Banzal**, Joint Advisor (Mobile Network) TRAI and **Shri Jagdeep Walia**, GM (IMS & NGN) Ericsson India Pvt Ltd.

increase. Because of these exciting developments it is important to find ways to use these technologies effectively. **Fixed - Mobile Convergence (FMC)** an emerging technology promises seamless connectivity between fixed and wireless telecommunication networks regardless of locations, thus optimizing transmission of data, voice and video communications among end users irrespective of their locations or devices leading to efficient spectrum utilization, which has become a resource." He also mentioned the current high deployment, Interoperability, availability of Wi-Fi enabled dual mode handsets and regulatory issues, etc. as some of the crucial strategic issues for the deployment of FMC. The need for its deliberation in the Apex Forum.



Inaugural Session of IETE Apex Forum

Shri P P Malhotra, Vice President, IETE and Chairman, Industrial Coordination Committee of IETE, delivered the welcome address and gave an overview of the Apex Forum. He said, "As the technology in telecom sector is progressing at a very high pace, the **Networks are moving towards end-to-end IP to support faster and higher BW services.** New wireless technologies are delivering services to remote regions where no communications capabilities exist today. WiMax and LTE technology enables the last mile with high BW and low latency services. There is convergence of communications and entertainment—voice, data and video over **Next generation IP networks.** With the launch of 3G and BWA services, uptake in data and video segments will

President IETE, Shri R K Gupta, in his opening remarks talked about the vision of IETE. He said that functioning as an independent body and striving to become the Knowledge Society, IETE had oriented its activities to address three national objectives i.e. Education for All, Health Awareness and Agriculture Growth. IETE is committed to achieve its objectives by conducting seminars, symposia and Apex Fora on latest and futuristic technologies and submitting the recommendations to the national planners to help achieve their objectives in all-round development of India. **Electronics and telecommunication were among the leading technologies making inroads into the overall development and growth of a nation.** He applauded the untiring efforts put in by past presidents and other office bearers of IETE who gave a strong foundation and brought the Institution to the present level.

Shri Kuldip Singh, CMD MTNL, in his keynote address highlighted the challenges being faced by the telecommunication industry like Spectrum, 3G penetration inside a building, broadband, call drops and weak signals. He said that only 30 to 40 % calls were made during morning rest all calls either from the mobile phone or the landline. He said that if Wi-Fi network is available at home or office, where Wi-Fi network might be available. Thus, a customer could get good voice quality and seamless connection if the mobile calls automatically get switched to Wi-Fi broadband network. Also, with the transfer of the call to Wi-Fi network the mobile network congestion improves to a great extent which ultimately

to saving of spectrum and accommodation of more subscribers. He emphasized that with FMC, service quality could be improved and most of the present day challenges in communications could be met. To make FMC operational, a Wi-Fi enabled dual mode mobile instrument was required having the capability of automatically latching on to cellular and Wi-Fi broadband networks, depending on the signal strength at a particular place. He said that at the moment, MTNL was providing through fixed PSTN network and voice, dial-up internet, broadband internet, IP TV etc. services; voice & data through CDMA; voice, GPRS/EDGE data through 2G GSM Network; voice, high speed wireless service broadband through 3G WCDMA. MTNL had plans to provide high speed wireless broadband through Wi MAX with provisions for having separate core/switching capabilities for all the services. MTNL had the capability of TDM based SDH network and IP based MPLS network on the transmission side. But there was a need to facilitate the convergence of voice, data and video multimedia networks into a single unified packet based multi services platform capable of providing futuristic services. The idea behind was to have a service independent network which could facilitate rapid and economical introduction of new services. He concluded his keynote address with the remarks that MTNL was fully geared to take up the future challenges and to launch the FMC services in near future.

Shri S C Misra, Member (Services) Telecom Commission and Ex-officio Secretary to the Govt. of India, in his inaugural address called FMC a futuristic topic to become a reality in India within a decade. Referring to the recently launched MNP Facility by the Govt, he said that customer was like a king in any service oriented organization. FMC, as the future trend setter in the world would further give an edge to the customer for service quality and facilities. He highlighted the opportunities of FMC and the challenges which the Indian industry would face while entering in the FMC regime. User flexibility, cost saving, common network infrastructure, better spectrum utilization and converged services from a single terminal/ operator, practically no call drops were some of the advantages discussed, of switching over to the FMC service facilities. Shri Misra also outlined the challenges like implementation of operator-specific strategy; making the FMC fully IP enabled service; quality of service and standards formulation; security, especially in the IP based network; migration to new numbering system etc.

The technical session was chaired by **Shri R N Padukone, PGM (Corporate Planning & Monitoring), BSNL**.

In his opening remarks, Shri Padukone informed that BSNL having the largest fixed landline base, was the ideal candidate for implementation of FMC and was already geared up for this specialized service to provide better user experience and convenience with seamless connectivity even deep inside the office or residence building. FMC, in its truest sense meant optimum transmission of voice, data, radio & video communication among end users irrespective of their locations. Thus, one handset could connect through any type of communication and would be able to switch over automatically between wired and wireless networks. Shri Padukone informed about the status of comparatively low broadband penetration in India and its need for increase. He said that due to low penetration of PCs, the broadband penetration was much less than the target of 20 million in 2010 whereas the Color TV penetration by that period was 110 million. Therefore, the possibility of using TV for broadband communication existed and could be exploited. He referred FMC as an intelligent option to everyone, especially the entrepreneurs, who expected an economical as well as highly embedded communication system.

Shri I S Sastry, DDG (Networks), TEC, talked on "Fixed Mobile Convergence- Evolution Scenarios". According to him the main drivers for FMC were : customers' aspiration for better, faster, cheaper, secure & ubiquitous services; telecom convergence; Internet and Broadcast leading to multimedia services and cost savings as well as new avenues for revenue generation for operators. He talked of slow but sure replacement of existing infrastructure into convergent network, i.e. migration of core networks, PSTN/mobile networks to IPv6 network. The implementation issues raised were on standardization, testing & certification, QoS, interconnection, security, numbering & addressing. **Shri S N**



Panelists with the Session Chairman

Gupta, Chief Regulatory Advisor, BT Global Services India & SAARC, highlighted the emerging packetization technology of IP which led to convergence of networks, services, markets and enhancement of efficiency and flexibility. His topic was **"NGN-Technology, Architecture, Applications"**, in which he described the need for convergence and the convenience of users without any compromises. He was of the view that with more options in fixed networks nowadays, there should not be any misuse in the spectrum utilization.

Shri S Sethumadhavan, Director, Huawei Telecommunications India Co Pvt Ltd, delivered his talk on **"All IP based FMC, Strategic Network Vision"** with current issues in the field of converging technologies. The key drivers according to him were the challenges faced by operators and demands of the customers. He said that FMC highlighted the end-user's requirements and experiences but not the technologies or standards. It was a long-term system engineering that needed phased and pragmatic approach towards full convergence. **"Convergence Platforms: Opportunities & Challenges"** was the topic of **Shri Rajesh Tuli**, MD, Coral Telecom, who called ICT a great leveler and a great divider at the same time. He discussed about Coral Telecom's inclusive solutions for employment, technology absorption and entrepreneurship. He remarked 2011 to be the year of the fixed mobile converged platforms with enterprise solutions offering PBX and the GSM mobility applications intertwined into one switching unit.

Shri Sanjeev Banzal of TRAI focused on the **"Regulatory Issues in FMC Deployment"**. He talked on NGN related licensing, interconnection and QoS issues. The other issues regarding broadband penetration, numbering, security and handsets were also discussed. He was of the view that FMC success would depend on right marketing,



A section of audience

technical and organizational mix apart from significant role of policy makers in the early stages of deployment. **Sh Jagdeep Walia** of Ericsson India Pvt Ltd, chose to speak on **"Drivers for Convergence & Key Technical, Regulatory Issues of FMC"**. In the levels of integration, he discussed bundling, service integration, device convergence, infrastructure/ network convergence and back office integration in terms of cost savings and functional convenience. For example - various values to the customer like one customer service, one bill, one service bundle, one application set, one voicemail, one number, one device, or seamless experience, were also highlighted.

The forum ended with lively interactive session. It was attended by experts, educationists, students, IETE Council Members and concluded with an optimistic note favouring introduction of FMC. A live webcast of the proceedings was organised by the IETE HQs, with the help of E-learning and Networks (Elan) Group.

Some of the recommendations, strategies suggested during the forum were:

- The need for better spectrum utilization.
- Taking suitable measures to increase broadband penetration.
- Looking into the security aspect of communication services in IP based networks.
- Exploring the possibility of using TV for communication by broadband networks.
- Availability of affordable Wi-Fi enabled, dual mode mobile handsets, capable of latching to any network depending on the signal strength.
- Generating awareness about FMC through suitable topics in seminars, fora or national level conferences.
- Clear and transparent guidelines on implementation and regulatory issues of FMC by concerned authorities.
- Defining the role of regulatory authorities.
- Promoting entrepreneurs to own, run, and manage small private communication networks to meet fixed mobile converged platform challenges.
- Reviewing the duties levied on inputs and finished products used for providing broadband and internet services.

IETE Students' Day- 1st Feb 2011

IETE has institutionalized a new event for its students from this year. The 1st IETE Students' Day was hosted on 1st February 2011 at its Centres/ Sub-Centres all over the country. The aim was to give opportunities to IETE Students to showcase their abilities in technical and non-technical areas as well as to encourage a competitive environment amongst them. The celebrations at Delhi Centre were witnessed by President IETE along with some IETE Governing Council Members & others dignitaries. A brief account of this programme from other Centres is given under "News from Centres" heading.

The IETE Delhi Centre celebrated the 1st IETE Students' Day by holding games competitions in Badminton, Chess, Quiz, Rangoli and Antakshari at its premises on 01 Feb 2011. Two Senior IETE Alumni Association Members, **Shri Manoj Tuli**, Technical Director, NIC and **Shri Narendra Sishodia**, Sr Officer from NTPC, were invited to deliver lectures and share their life experiences. **Shri R K Gupta**, President IETE, in his address encouraged the students' community to be ready to face all kinds of challenges in their profession. **Wg Cdr (Dr) M L Bala Retd**, Governing Council Member, answered various queries raised by the students. **Prof (Dr) A K Saini**, Chairman, BoE, informed about the recent improvements made in the IETE examination system. **Wg Cdr K C Bhardwaj**, Chairman, Delhi Centre, promised to look into the problems of students for early redressal. **Shri H O Agarwal**, Vice President & Zonal Coordinator (North), also addressed the students. Brief on new systems and processes taking place at Hqs was given by **Shri S R Aggarwal**, Secretary General, New Delhi.



IETE Delhi Centre celebrating the Students' Day

IETE Sub-Centre Inaugurated at Kakinada

The 58th IETE Centre at Kakinada, AP, was inaugurated by **Prof Col Allam Appa Rao**, Vice Chancellor, Jawaharlal Nehru Technological University, Kakinada, on 19th Feb 2011. **Prof Narayana**, Past President, IETE was the Guest of Honour and **Shri R K Gupta**, President, IETE presided over the function. The other dignitaries present on this occasion were **Dr Surendra Pal**, Chairman, M&CC, **Shri V Appakutty**, Zonal Coordinator (South), **Prof (Mrs) K Raja Rajeswari**, Governing Council Member, **Dr K Satya Prasad**, Chairman,



The Chief Guest, Prof Col Allam Appa Rao, VC, JNTU, Kakinada, speaking at the National Workshop



IETE President, JNTU Kakinada VC with other dignitaries at inauguration of 58th IETE Centre

IETE Kakinada Sub-Centre and **Shri S V Rangarajan**, Chairman, IETE Visakhapatnam Centre. It was a matter of great pride for IETE fraternity as on this occasion the Chief Guest, Prof Col Allam Appa Rao, VC, JNTU, Kakinada, also announced the allotment of land for construction of IETE building in JNTU campus and laid down the foundation stone for the IETE Building. Coinciding with the ceremony, a National workshop on "Advances in Electronics and Communication Engineering", was organized by the JNTU, Kakinada in collaboration with IETE.

Interaction with other Organizations

❖ CMAI International Mobile Sourcing and Investment Expo, New Delhi

The 1st CMAI International Mobile Sourcing and Investment Expo, 2010 (ICOMM2010) was inaugurated at New Delhi on 15th Dec 2010 by **Shri Ajay Maken**, Hon'ble Union Minister of State for Home Affairs. The other dignitaries who graced the occasion were ITU Geneva representative, **Mr Polo Rosa**; **Mr Grant Kuo**, Managing Director, Mediatek Technologies, Taiwan; **Shri Ram Kumar**, Advisor Technology and Operations, Ministry of Communications and IT; **Shri Anand Seth**, Deputy Director General, FIEO; **Shri R K Pathak**, Secretary, TEPC & Deputy Director General, Ministry of Communications and IT; **Shri R K Gupta**, President IETE and **Shri T V Ramachandran**, Resident Director Vodafone. The aim of ICOMM2010 was to invite foreign manufacturers to India to be a part of India's ever growing telecom sector and start manufacturing in India. Several manufacturers from Taiwan, Korea and Japan showcased their latest technologies and products. Coinciding with the visit of Hon'ble Premier of State Council of the People's Republic of China, H.E. Mr Wen Jiabao, there was a large contingent of mobile manufacturers from China. Government of India has given high priority for development of Mobile sector in India. The Government intends to continue the existing duty regime

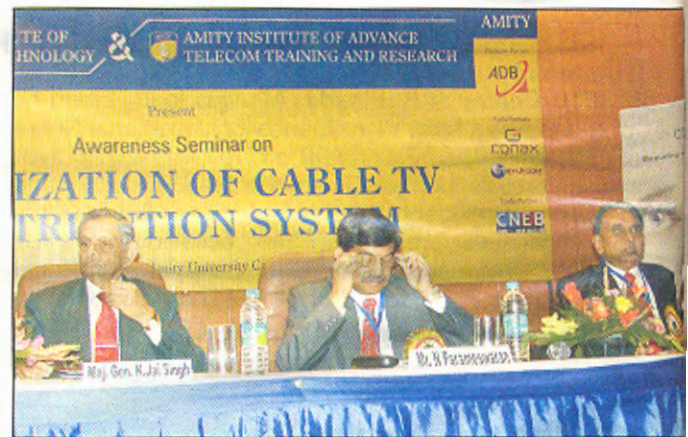
without any change in next year for continued development this sector.



Dignitaries sharing the dais with the Chief Guest, Shri Ajay Maken, Hon'ble Union Minister of State for Home Affairs

❖ Awareness Seminar at Amity University, Noida

President IETE, **Shri R K Gupta**, participated in an Awareness Seminar on "Digitization of Cable TV Distribution System" on 14th Dec 2010 at Amity University, Noida, conducted by Amity Institute of Advance Telecom Training & Research (AIATTR), Noida, in association with IETE. The seminar was based on TRAI's recommendation No. 4.9 (emanating from Para 2.91 of Implementation of Digital Addressable Cable TV Services in India). Awareness seminar was followed by a two-day Tutorial Programme held on 17th-18th Jan 2011. Course contents and schedules for other programmes under the first step, are being worked out. **Lt Gen P D Bhargava**, Director General, AITTM & AIATTR, expressed keenness in organizing more joint events with IETE in future for the benefit of the students' community.



Awareness Seminar in progress at Amity University, Noida

IETE's New Secretary General

Shri S R Aggarwal (F210574L) has joined the Institution of Electronics and Telecommunication Engineers as its **Secretary General** from December 2010 after retiring from All India Radio as Engineer-in-Chief. He served All India Radio for 37 years as an IBES Officer and held various prestigious positions dealing with staff, operations and

expertise in project executions. He has received Awards for Best Maintained Stations and Best Installed Projects. Before joining All India Radio, he was Lecturer in Regional Engineering College, Kurukshetra. Shri Aggarwal has widely travelled throughout India and abroad. Shri Aggarwal was a Council Member of BES and is a Life Member of Indian Meteorological Society.

IETE congratulates and welcomes him as the Secretary General. We look forward to his leadership taking IETE to new horizons.

News From Centres

Ahmedabad

IETE Ahmedabad Centre has entered into an MoU with Department of Science & Technology, Government of Gujarat, during a Global Business Summit "Vibrant Gujarat" held on 12th & 13th January 2011. Accordingly, Govt of Gujarat will be partnering with IETE for its need of land to build a campus, for joint seminars, workshops and sponsorship of short-term courses like "NORAD" for social upliftment. Anticipating a huge future demand of skilled manpower in industries, IETE took this proactive measure to be a part of vibrant Gujarat. The Centre also aspires to 'construct a role model', which could be replicated by other Centres.

Allahabad

The Centre organized the "S N Ghosh Award Lecture" on the occasion of IETE Foundation Day on 2nd Nov 2010. Dr Rameshwar N Bhargava, Founder and CEO of Nanocrystals Technology, Briarcliff Manor, New York, delivered the S N Ghosh Award Lecture on "How Incorporation of a single Atomic Impurity in a Nanocrystal provides breakthrough for Diagnosis, Tracking and Treatment of Cancer". In his lecture, Dr Bhargava said that diagnosis and treatment of cancer in modern practice were two mutually exclusive discrete entities. He dwelled on the incorporation of atomic impurity in a nanocrystal. He discussed in details the Magnetic Nano Phosphers (MNPs) and their applications in diagnosis and treatment of dreaded disease of various types of cancer, illustrating how the boundary demarcations of malignant tumors were enhanced by the technology for much better localization and surgery. The method could substantially reduce the cost of treatment. The function was presided over by Prof K G Srivastava, Vice Chancellor, University of Allahabad. He congratulated Dr Bhargava for development of the new application and expected greater benefits. The vote of thanks was proposed by Er R S Yadav, Hony Secretary of the Centre.

Aurangabad

The Centre celebrated the IETE Foundation Day on 18th Oct 2010 with Dr D V Muley, Registrar, Dr BAMU, Aurangabad, as the Chief Guest.

Bhopal

The Centre celebrated the 1st IETE Students' Day on 1st Feb 2011. Dr T K Bandopadhyay and Shri J P Khare graced the occasion as the Chief Guest and the Guest of Honour, respectively. Others present on the occasion were: Dr M G Sharma, Chairman, Dr Alok Rastogi, Vice

Chairman and Er R K Sethi, Hony Secretary, IETE Bhopal Centre. Dr M G Sharma and Dr Alok Rastogi delivered lectures followed by the panel discussion on the theme - "Restructuring of Education in Electronics, Communication and Computer fields." Special contribution was made by Dr Sunil Mishra and Dr Sudhir Kumar in organizing the event. The function ended with the vote of thanks to all by Shri Reetesh Sadiwala, Hony Treasurer, IETE, Bhopal Centre.

Chandigarh

Celebrating the 1st Students' Day of IETE, the Centre conducted a technical paper contest on the theme, "Science & Technology for Rural Development & the Role of Education". About 11 teams from different engineering colleges participated in the contest. Presentations were given by students from IETE Chandigarh Centre; Indo Global College, Mohali; Ambala College of Engineering & Applied Research, Mithapur, Ambala; Rayat College of Engineering & Technology, Railmajra-Ropar; Rayat College of Engineering & Bahra, Kharar. Outlining the significance of the day, Er R A Sakuja, read out message of the President, IETE. Shri V P Giridhar, Chairman, awarded the mementoes to the winning teams and distributed certificates to all the participants. Perna and Pooja from Indo Global College of Engg & Tech, Mohali, bagged the 1st Prize; Manjit Jinda & K Kartik from RIEIT, Rail Majra, won the 2nd Prize; Pooja and Chhavi Gupta, ACE, Ambala, took away the 3rd Prize while Mohini Kumari of IETE Chandigarh Centre was given the consolation prize.

Chennai

- IETE Chennai Centre organised the Foundation Day – 2010 on "ICT Powerful Education Enabler" and a two-day national level workshop on "NS2 Network Simulation Tool" on 2nd Nov 2010 at Prathysuha Institute of Technology and Management, Aranvoyaluppam, Thiruvallur Dist. Dr N Gunasekaran, Principal, PITAM, delivered the welcome address. The inaugural and keynote address was delivered by the Chief Guest, Dr S Mohan, Director, NITTTT, Taramani, Chennai. Workshop was conducted by Dr A B Chandramohan, Principal, LCR College of Engineering. Dr Beulah Devamalar, Director, PITAM, proposed the vote of thanks.
- A technical lecture was arranged on "Philosophy of Homeopathy" on 24th Nov 2010 by Shri P Mohanadoss, Former Chief Engineer, All India Radio & Doordarshan, Chennai.

IETE Students' Day Celebrations



at Centres / Sub-Centres / ISFs



Coimbatore

- A workshop on “**Computing Technologies for Power Systems**” was held during 13th to 17th December, 2010 on Fuzzy Logic, Artificial Neural Network, Genetic Algorithm, Support Vector Machine, PSCAD and ETAP. The workshop was inaugurated by **Prof K Gangadharan**, Chairman, IETE Coimbatore Centre. **Dr S Balamurugan** was the Coordinator and **Dr K K Sasi**, Events Coordinator of IETE Coimbatore Centre, presided over the workshop. **Dr M Arun Kumar**, Scientist, ABB, Bangalore, was one of the expert speakers, who spoke on Support Vector Machines.
- A Faculty Development Programme (FDP) was organised on “**IT Applications in Power Systems**” from 8th-10th December, 2010 with **Dr R Jayabarathi** as the Coordinator. It was inaugurated by **Prof K Gangadharan**, Centre Chairman and attended by about 20 faculty members from engineering colleges of Tamil Nadu, Kerala and Karnataka.
- A one-day workshop was conducted on “**PIC Microcontrollers PIC16F877A**” on 31st Oct, 2010 with the aim of providing the participants an opportunity to develop a basic embedded system, using the microcontroller PIC16F877A. It was inaugurated by **Dr TNP Nambiar**, a senior member of the IETE Coimbatore Centre. **Dr R Padmanabhan**, Immediate Past Chairman, IETE Coimbatore Centre was the lead resource person. **Shri Prashant R Nair**, Hony Treasurer of IETE Coimbatore Centre, presided over the workshop. **Shri Binoy B Nair**, **Shri Peeyush KP** and **Shri V Ananthanarayanan**, the Website and Polytechnic coordinator of IETE Coimbatore Centre, also addressed the workshop. Each participant was given an embedded development kit.

Guwahati

A quiz competition and an extempore speech competition on topics like Green House Effect, Ozone Layer Depletion, Use of Internet, etc followed by Music and Jamming Session were organised to celebrate 1st IETE Students' Day on 1st Feb 2011. **Ms B L Choudhury**, Hony Treasurer, Guwahati, gave away prizes to the winners.

Imphal

Shri S Jugeshwar Singh, Coordinator of IETE Imphal Sub-Centre, conducted a written quiz competition in connection with IETE Students' Day on 1st Feb 2011. The winners were : **Konthoujam Satyananda** (1st); **Oinam Menaka Devi** (2nd) and **Rajkumar Melody Singh** (3rd). With the idea of developing a healthy society, the Sub-Centre with technical support from Manipur State AID Control Society (MACS) and Regional Institute of Medical Sciences (RIMS)

Imphal, organised a one-day Blood Donation Camp on Students' Day. IETE students and Corporate Men attended this camp. A total of 21 units of blood was donated in the camp.

Jabalpur

The IETE Foundation Day celebrations were held on 1st Nov 2010 by the Sub-Centre. **Er P K Bose**, senior member was honoured on the occasion by the Sub-Centre. A congratulatory message from the President IETE, **Shri R K Gupta**, was received by the Chairman of the Sub-Centre, **Er Jamuna Prasad**. The key speakers included **Er Mrs Jyoti Gupta**, Lecturer, Govt Polytechnic, Jabalpur; **Er Manna**, Sr GM, T&D Cell, BSNL, Jabalpur and **Er Ajay Singh**, Lecturer, RGPV University, Jabalpur. Student activities were also held on the occasion.

Kanpur

The IETE Kanpur Centre celebrated the IETE Students' Day on 1st Feb, 2011 by organizing academic and cultural activities like technical quiz contest, games and music activities. Prizes were distributed to the winners.

Kathmandu

IETE Kathmandu Centre organised a one-day technical seminar on “**Wireless Broadband Technologies (Wi-Fi & LTE) in the context of Nepal**” on 7th Jan 2011 in Kathmandu. The **Secretary**, Ministry of Information and Communications, Nepal, was the Chief Guest. Participants were mainly from Ministry of Information and Communications, Nepal Telecommunications Authority and Telecom Operators of Nepal. The seminar discussed prominent issues on deployment of broadband technologies in the country. Panel discussion was held on the presented papers on Broadband Technologies.

Kochi

The Students' Day was celebrated by the Kochi Centre on 1st Feb 2011, which was presided over by **Shri Parameswaran**, Centre Chairman. Students in large numbers from Kochi and surrounding districts participated. **Prof M V Rajesh** briefed on the objective behind the celebrations. **Dr A Unnikrishnan**, FIETE, presently, Joint Director, NPOL, Kochi & **Shri C Krishna Kumar**, FIETE, Former Asst GM, Cochin Shipyard, also spoke on the occasion. The IETE alumni honoured were : **Shri C Krishna Kumar** and **Shri M Radhakrishnan** both Fellows-IETE. **Shri Raju A Cherian** invited talk on “**Promise to Win**” by **Shri Raju A Cherian**, Management Trainer and Engineer, was also organised. Non-technical activities solo & group songs, light music, mimickry, Malayalam recitation, were organized. The winners of the quiz competition were: **Ms Saranya Swamida**, **Shri Vimal P** and **Ms Chinchu Babu** for the first three positions.

Kolkata

The Centre celebrated the 57th IETE Foundation Day of the Institution on 2nd November 2010 on the theme "ICT: Powerful Education Enabler". **Shri D P Sinha**, former DGM of Peerless & Fellow CSI, was the Chief Guest. **Prof Samir Kumar Bandyopadhyay**, Chairman and **Shri S C Rudra**, Hony Secretary, were also present on the occasion. A debate competition conducted, received tremendous response from students and members. The debate competition was presided over by **Shri Diptendu Dutta**, Past Hony Secy of the Centre.

Meerut

Presentations on "Indian Communication Revolution" were invited from the students for **Students' Day** celebration on 1st Feb 2011. A quiz competition was also held by the IETE Meerut Sub-Centre.

Mumbai

The Centre celebrated the 1st IETE's Students Day on 1st Feb 2011, well attended by AMIETE and DipIETE students. The function was presided over by **Shri N K Karnani** from IETE Mumbai Centre, read out IETE's President Message to the students. IETE Alumnus and Chief Guest, **Shri A Raju Babu** (F039673L) Head, RMS&MS, BARC was felicitated by **Shri P B Walinjkar**, Hony Treasurer, IETE Mumbai. A Quiz competition was organized as a part of the Students' Day celebration followed by student's interaction. Students' representatives were briefed about the latest changes in the rules. Prizes were distributed based on students' performance.

Nagpur

The Nagpur Centre along with the Dept of Electronics & Communication Engg & IT of Priyadarshini Institute of Engineering & Technology, organized one week **Short Term Training Programme (STTP)** on **NS-2 (Network Software-2)** during 30th Nov -4th Dec 2010. The STTP programme was inaugurated by **Dr D A Deshpande**, Chairman IETE Centre, Nagpur. About 52 participants were registered from all over Maharashtra. **Prof Pranav Pawar** and **Prof S R Sarode**, Magnum Network Solutions Pvt Ltd, Nagpur, were the resource persons who conducted theory and practical sessions. **Prof A D Bijwe**, **Prof (Mrs) A V Potnurwar**, **Prof (Mrs) V A Bagde** and **Prof H M Kubade**, coordinators of STTP worked hard for the success of the training programme.

Nashik

IETE Foundation Day celebrations of the Sub-Centre were held at K K Wagh College on 2nd Nov 2010. **Shri Kashinath**, Senior Member of the Sub-Centre was the Chief Guest on the occasion. **Mrs Apurva D Jakhadi**, Hony

Secretary, conducted a seminar on "Space Science". Others present were: **Prof M D Kokate**, Chairman, **Prof M N Jadhav**, **Prof S V Joshi** and **Prof B V Gavali**.

Noida

- A **Senior Citizen Basic Computer Course** was organized by IETE Noida Centre from 8th -10th Jan 2011, to enable senior citizens learn basic computer skills for simple applications like MS word, Powerpoint, E-mail, Internet surfing, blogging, chatting, skype, facebook, online banking, online bill payments and railway reservations. This was the 15th popular course conducted at the Centre. On completion of the course on 7th Jan 2011, **Shri R K Gupta**, IETE President, gave away the certificates to the participants and expressed his satisfaction on contents of the course and the feed back from the participants. **Brig Lakshman Singh, VSM (Retd)**, Council Member and **Col I M Chhabra**, Noida Centre's Founder member were also present on the occasion.
- The Centre celebrated the **IETE Students' Day** on 01 Feb by organizing a workshop on "Personality Development and Communications Skills." The opening address was delivered by **Shri D S Khokar**, IETE Noida. **Brig C L Lakhanpal**, Chairman, Noida Centre, cited reasons for choosing the subject and the common interest it held for everyone. He opined that communication skills were the best means to project one's personality and was needed to progress in life. The discussion was informal for active participation of everyone.

Palakkad

- **IETE Palakkad Sub-Centre** was upgraded to a full fledged Centre by **Shri R K Gupta**, President IETE, in a ceremony held on 28th Jan 2011 in the presence of **Dr Surendra Pal**, Chairman M&CC and **Shri V Appakutty**, South Zone Coordinator. **Dr M R Vikraman**, Chairman, Palakkad Centre, presided over the function. **Shri C Pradip**, Hony Secretary, Palakkad Centre welcomed the dignitaries, guests and students. **Shri C K Haridas**, Founder Chairman of the Centre, presented a brief account of Centre's history, the efforts and timely actions taken by the Centre from time to time. He also assured their continuous contribution through new corporate memberships to IETE Hqs. **Shri V Appakutty**, **Dr Surendra Pal** and **Shri B Parameswaran**, Chairman, Kochi Centre, commended the activities of the Centre. **Shri R K Gupta** in his address accentuated the new activities of IETE and the need for proper and collective coordination in the realization of the objectives and challenges of the institution. **Ms D Hema**, Hony



Upgradation of IETE Palakkad Sub-Centre to the status of Centre

Treasurer, proposed the vote of thanks. A special meeting was held of the Executive members from Kochi, Coimbatore and Palakkad, wherein valuable views, opinions, and suggestions were expressed. The Students' Session was held in the evening in which the President answered the students queries. He assured them of Council's decision on giving due attention to their problems. The function was covered by Media and TV Channels of Palakkad, AIR and Doordarshan.

- In connection with **IETE Students' Day**, Palakkad Centre conducted a Quiz Competition and Technical Paper Presentations for the students from Palakkad, Vadakara, Kozhikode and Kannur. The winners **Shri Anshar**, **Shri R Karthikeyan** and **Ranjitha** were given awards and trophies by **Shri C K Haridas**, Founder Chairman of the Centre.

Rajkot

About 30 IETE Students of Rajkot Centre arranged a "**Mock Seminar Examination**" on 1st Feb 2011 to celebrate the **Students' Day**. **Shri Mendpara Pratik**, Senior IETE student member, welcomed all the participants and explained the rules of the event. Each of the participant explained his topic through multimedia projector. A panel of five selected students who were qualified, acted as IETE examiners. They were given the blank result sheets prepared as per IETE norms. Each student member of the panel & the participants pretended the seminar to be real one and the examining panel justified the students proper performances. Queries were answered. Expert members present to encourage the students were : **Prof R D Mehta**, HOD EC, Marwadi Engineering College, Rajkot and **Dr Anand Bhaskar**, Electronics Dept from Saurashtra University. A Quiz programme as well as group discussions were carried out. The technical visits to different engineering colleges & industries of Rajkot were also suggested.

Salem

- The Sub-Centre celebrated **IETE Students' Day** by organizing **I-Venor**, a fifteen - day event from 1st to Feb 2011, comprising events like Project expo, Innov ideas, Spark up, Quiz, Paint your cause, etc. for ER colleges, Polytechnics and AMIETE Students under the zone. A three-day workshop on "**Robotics and Embedded Systems**" from 14th-16th Feb 2011 was organized as a part of Students' Day celebrations.
- In the months of Oct-Nov 2010, the Salem Sub-Centre conducted the **Edison Memorial Guest Lecture** on "**Television and Video Engg**"; one-day national level Technical symposium "**Fractals-10**"; **Marconi Memorial Lecture** on "**Practical & New Avenues in FM Data Broadcasting**" and **IETE Foundation Day**.

Shimoga

- Under the auspices of IETE Shimoga Sub-Centre the **IETE Students' Day** was celebrated and presided over by **Dr R Srinivasa Rao Kunte**, Centre Chairman and Principal, JNCCE. Others who spoke on the occasion were **Prof H K Harish**, **Hony Secy** and **Shri Sunil M**, Corporate member. An interactive session was held in which the problems and suggestions to fulfill the objectives of IETE were debated. In the quiz competition the 1st prize was shared by **Shri Rani Shet V** and **Shri Anil Kumar** and the 2nd prize was shared by **Shri H Satish Kumar** and **Shri Murali S M**. **Prof S Amarappa**, Hony Treasurer and **Prof P S Rajashekhariah**, Principal, DSD Polytechnic, Shimoga, were also present on the dais.
- A one-week STTP on "**Linear Algebra and its Applications**" was organized by TE & ECE Dept, JNNCE, Shimoga, during 24th-28th Jan 2011.

Thiruvananthapuram

- A one-day seminar on "**Trends in Emerging Technologies**" was inaugurated by **Brig M Sasidharan**, Chairman IETE Trivandrum Centre on Oct 2010. The speakers on the occasion included: **Shri R Sivanadan**, Deputy Project Manager GSVL MK-VSSC, who spoke on '**Indian Space Programme**'; **Prof K C Raveendranathan**, HoD (E&C) Govt Engg College, Barton Hill, on '**Digital Signal Processors**'; **Shri Rajaram**, AGM, BSNL Trivandrum, on '**Mobile Number Portability**'; **Shri V Shahji**, RTTC, on '**WiFi, WiMax**' and **Dr Arumugaperumal**, HoD (Comp Science), Hindu College, Nagarcoil, on '**Network Security**'.
- The **IETE Foundation Day** was celebrated on 2nd Nov 2010 by the Centre. **Shri C G Sukumaran Nair**, Head, Quality Assurance (Retd) VSSC, delivered the theme lecture and **Shri Muhammed Noorul Mubarak**, Deputy

Comp Science, Univ of Kerala, delivered the invited talk. Others who addressed the gathering were : **Dr Arumugaperumal**, Head, Dept of Comp Science, ST Hindu College, **Shri J T George**, Dy Director(Retd), VSSC and **Brig M K Sasidharan (Retd)**, Chairman IETE Trivandrum Centre.

- A one-day seminar on “**Cloud Computing**” was organized on 27th Nov 2010. The speakers were from Indian Institute of Information Technology and Management-Kerala (IIITM-K), University of Kerala and VI Micro Systems, Chennai.

Vadodara

- IETE Vadodara Centre organized a symposium on the theme “**ICT: Powerful Education Enabler**” on 14th Nov 2010 to celebrate the **IETE Foundation Day**. **Dr K Baba Pai**, Dean, Faculty of Technology & Engg, was the Chief Guest and **Prof S K Agrawal**, Dean, BIT, Varnama was the Guest of Honour on the occasion. Dr R C Desai, Prof M M Pathan, Prof J C Pachal, Staff Members of EE Dept were also present. The four ISFs namely **ISF BIT, Varnama; CITC, Changa; PIET Limda, Vadodara and SVMIT, Bharuch** – also held competitions as a part of **Foundation Day Celebrations** and gave away prizes to the winners.
- A regional seminar on “**Effects & Control of Electronic Waste- ECEW2011**” was organized by Vadodara Centre, Ahmedabad Centre and Rajkot Sub-Centre in association with EE Dept, Faculty of Technology & Engg, MS Univ of Baroda, Vadodara, on Jan 16, 2011. **Shri R K Gupta**, President IETE was the Chief Guest and presided over the function. **Smt Smriti Dagur**, Zonal Coordinator (West), was the Guest of Honour. Speakers were from BSNL, IPCL, ABB and LCIT. The other eminent persons were **Prof M M Pathan**, IPC-IETE Vadodara Centre; **Dr R C Desai**; **Prof N G Bhavsar**, **Shri V K Shah**, **Prof D J Shah**, **Prof N M Bhatt**, **Dr K Baba Pai**, Dean, FTE. Prof Satish K Shah, Chairman, IETE-Vadodara Centre, delivered the welcome address. **Shri Madhukant Patel**, Chairman-Ahmedabad Centre and **Shri C M Devani**, Chairman, Rajkot Sub-Centre deliberated on the activities of their respective Centre. **Smt Smriti Dagur**, Zonal Coordinator (West) and the Guest of Honour, informed the audience about the West Zone activities. **Shri R K Gupta**, in his speech talked about the significance of research in the field of e-Waste control and its management with reference to the public life. He also released the Centre’s Newsletter, Vol 9 Jan 2011 and felicitated **Dr K Baba Pai**, Dean, Faculty of Technology & Engineering, MSU, for his help provided as Superintendent for smooth conduction of IETE Examinations.



Release of the Newsletter during the Regional Seminar

The seminar was spread over two technical sessions. The first technical session was chaired by **Shri R K Sharma**, GM, BSNL, VDT, Vadodara. The speakers in this session included: **Shri Ujwal Gulhane**, DGM, BSNL and **Shri A K Dhar**, DGM (Retd) IPCL, Vadodara. The 2nd technical session was chaired by **Dr C H Vithlani**, Head, EC Dept, GEC, Rajkot, **Dr V K Shah**, VP, Corporate R&D, ABB, Vadodara, and **Dr D J Shah**, Principal, LCIT, Bandu, were the expert speakers in the session. Seminar ended with a vote of thanks by Prof Satish K Shah.

- The Centre organised general and technical quizzes, a treasure hunt and a project competition to celebrate **IETE Students’ Day**.

Varanasi

- The Sub-Centre celebrated **IETE Foundation Day** on 02 Nov 2010 on the theme “**ICT: Powerful Education Enabler**” by inviting Guest Speakers - **Prof B M Shukla**, Former VC, Gorakhpur University; **Prof S P Ojha**, Former Vice Chancellor, CCS University, Meerut and **Shri PK Chakraborty** for delivering lectures on ICT. **Students’ Quiz** was also organized as part of celebrations.
- Students’ Workshop on “**Laboratory Practice & Measurement Techniques**” by **Prof S K Srivastava** and **Prof P K Chakraborty** was held on 24th Dec 2010.
- The Sub-Centre also provides the facility of computer learning to the neighbourhood youth, free of cost and encourage them to join IETE courses.

Vijayawada

“**A Technical Paper Contest**” was organised on 1st Feb 2011 to celebrate **IETE Students’ Day** for student member of IETE, ISF and Engg colleges within the jurisdiction of IETE Vijayawada Centre. About 15 technical papers were

presented. **M Sharmila & Y Navya** from V R Siddhartha Engg College bagged the 1st prize and **Ch Naga Asa Sree & Y Vijaya Sai Sameera** secured the 2nd prize. **Shri D Rama Krishna**, MD, M/s Efftronics Systems Pvt Ltd, Vijayawada, delivered a talk on "Global Warming and Future about Technical Education and Employability". **Dr E V Krishna Rao**, Centre Chairman, inaugurated the event and advised to improve the skills & continue R&D in thrust areas of recent technologies. Two IETE alumni, **Shri K Vara Prasad**, Lecturer in Sri Potti Sriramulu College of Engg, Vijayawada and **Ms B Lakshmi Sirisha**, Lecture in VR Siddhartha Engg College, Vijayawada, were felicitated on the occasion.

Visakhapatnam

IETE Visakhapatnam Centre organised an invited talk on "Militaryization of Cyber Space and Weaponisation of

Software" by **Dr T Hanuman Chowdary**, Director of Centre for Telecom Management & Studies, on 4th Dec 2010. Chowdary who has dealt in depth with Cyber warfa emphasized on the need of remaining vigilant on the subject as the countries using such tactics may sometimes be paralyzed. **Shri S V Rangarajan**, Scientist-H, Principal, Associate Director, NSTL & Chairman IETE Visakhapatnam Centre, presided over the function. Others present were Prof GSN Raju, Principal, Andhra University College of Engineering; **Shri J Nagaraju GM**, BSNL Visakhapatnam; **Shri Abraham Varughese**, Scientist F, NSTL, Secretary IETE Visakhapatnam Centre and **Shri M Adinarayana Rao**, Scientist "D", NSTL.

IETE Students' Forum (ISFs) : Activities

- **ISF Muthayammal Engg College, Salem**, conducted "IETE Regional Students Convention-2010" in **Sept 2010**
- A paper presentation competition was conducted at **ISF Yadavrao Tasgaonkar Polytechnic, Karjat, Dist Raigad**, on **Oct 15, 2010**. The presented papers were mainly on Wireless Communication and Nanotechnology. Prof V N Pawar, Chairman IETE Navi Mumbai, was the Chief Guest on the occasion.
- **Dept of Electronics & Communication Engg, R V College of Engg, Bangalore**, conducted technical talks and workshops for hands on experience under the aegis of ISF. The last workshop was on "Model Based Development & Testing of Safety Critical Control System" held on **Oct 21, 2010**.
- **ISF of PBR Visvodaya Institute of Technology and Science (PBRVITS), Kavali**, was inaugurated by Dr E V Krishnarao, on **Oct 26, 2010**.
- **ISF of Geetha Shishu Shikshana Sangha Institute of Engineering & Technology for Women, Mysore & IETE Mysore Centre** jointly organized a state level two-day Symposium "Innoverves'10" on **Oct 28-29, 2010**. The programme was inaugurated by the Chief Guest, Lt Gen (Dr) V J Sundaram, Advisor Micro and Nano Systems.
- The **ISF of Coimbatore Institute of Technology, Coimbatore**, conducted a one-day workshop on "Lab View" on **Oct 01, 2010**. The lead speaker was Shri Ujjual Shah, National Instruments, Bangalore. It also conducted another one-day workshop on "Automotive Electronics" by Shri Vasantha Kumar Narayanan, Senior Principal Consultant, Robert Bosch Engineering and Business Solutions Ltd, on **Nov 08, 2010**.
- The **ISF of Dr Sivanthi Aditanar College of Engineering, Tiruchendur**, was inaugurated by the Chief Guest, Dr S Arivazhagan, Prof & HoD/ECE, Mepco Schlenk Engineering College, on **Nov 09, 2010**.
- **ISF at Jawaharlal College of Engineering & Research Centre, Lakkidi-Palakkad**, was inaugurated on **Dec 10, 2010** by Shri C Haridas, Past Chairman of the Sub-Centre. This was the 5th ISF under Palakkad Sub-Centre. Dr K Raghavan Nambiar, Director Academic & Advisor of the College, presided over the function.
- **ISF, Balaji Institute of Technology & Science, Narsampet, Warangal** conducted a three-day workshop on "Recent Advances in Digital Image Processing & Its Applications" from **Dec 14-16 2010**.
- An ISF at **Geeta Institute of Management & Technology (GIMT), Kanipla, Kurukeshtra**, was inaugurated on **Dec 16, 2010** by Shri V Giridhar, Chairman, IETE Chandigarh Centre, amidst many dignitaries. Relentless efforts of Prof Jai Singh Arya are worth mentioning in opening of this ISF.
- Prof K Gangadharan, Chairman, IETE Coimbatore Centre inaugurated a national seminar on "Modern Trends in Wired and Wireless Networks" at **ISF of Sri Ramakrishna Institute of Technology, Coimbatore**, on **Dec 29, 2010**. Dr Joseph Xavier, Principal of the college, presided over the seminar.
- Shri Prashant R Nair, Hony Treasurer, IETE Coimbatore Centre inaugurated a new ISF at **Angel College of Engineering and Technology, Tirupur**, on **Dec 31, 2010**. Dr N Gunasekharan, Principal of the College, presided over the function.
- A special lecture on "Fundamentals of GSM Mobile Telephony" by Shri Thangavel, FIETE, DGM, BSNL, Chennai, for the II year ECE students under **ISF Velammal Engineering College, Chennai**, was organised on **Jan 06, 2011**.
- **ISF of Guntur Engg College, Guntur**, was inaugurated on **Jan 08, 2011** in the presence of Dr E V Krishna Rao, Chairman & Dr Habibullah Khan, Vice Chairman, IETE Vijayawada Centre. Er D Ramakrishna, M Efftronics Systems Pvt Ltd, Vijayawada, was the Chief Guest and delivered inaugural lecture on "Future Opportunities in Electronics".

- A guest lecture by Dr RVS Satyanarayana, Prof ECE Dept at Sri Venkateshwara University College of Engg, Tirupati, on "Essential Elements of Communication Systems" was organized on Feb 01, 2011 at ISF of Guntur Engg College, Guntur.
- ISF at RVS College of Engg & TEC, Dindigul, conducted seminars on "VLSI & Embedded Systems" by the resource persons, Shri Arunraja and Shri Sakthivel, on Jan 25, 2011. They introduced the techniques of circuit characterization and performance.
- An ISF has been inaugurated at Dhamangaon Educational Society's (DES's) College of Engg, Dhamangaon, Rly Dist Amravati, on Jan 28, 2011.
- One day workshop on "Wireless Communication System Design and Synthesis using Labview" was held on Jan 29, 2011 jointly by ISF PSG College of Technology, Coimbatore, Dept of Electronics & Communication Engineering, Coimbatore and National Instruments. A technical paper presentation was also held on Jan 8-9, 2011.
- ISF at KLN College of Information Technology, Pottapalayam Sivagangai, conducted an Intra College Technical Symposium and Guest Lecture on "Embedded Systems" by Smt Vidya Sridharan, ACEE Academy, Chennai, on Feb 01, 2011 to celebrate the 1st IETE Students Day.
- On occasion of Student's Day, ISF at Babaria Institute of Technology, Varnama, arranged a General Quiz and Treasure Hunt on Feb 1, 2011. The winners of the quiz were: Kavan Pandya & Soham Patel from third year EC (1st); Abhijeet Vyas & Shubham from first year EC (2nd) and Gaurav Sethia & Utsav Bhavsra from second year EC (3rd). The winners of the Treasure Hunt were: Prashant Sorathia & Sagar Solanki and Soham Patel & Parth Shah from third year EC.
- A guest lecture by Dr P Viswanatham, Adjunct Faculty at Texas University Arlington, USA on "Semiconductor to the Present Day Laptop" was conducted by ISF of Narayana Engg College as Students' Day celebration.

IETE 42nd MID-TERM SYMPOSIUM

on

"Telecom Paradigms-Indian Scenario"

and

38th Vikram Sarabhai Memorial Lecture

23rd Lal C Verman Award Lecture

15-17 April 2011

Venue: Hotel Fortune Park, J P Celestial No 5/43,
Race Course Road, Bengaluru-560 009

Contact: Shri D Rajagopal, Hony Secy IETE Bengaluru Centre;
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Last Date
for Paper
Submission :
03 Apr 2011

Professional Activity Centres (PACs) : Activities

- The IETE-PAC, Kollam and IETE Thiruvananthapuram Centre, sponsored a three-day short-term training programme on "Smart Grid- Applications and Challenges" during 21-23 December, 2010 at Amrita Vishwa Vidyapeetham, Amritapuri Campus, for the benefit of faculty members of technical institutions, research scholars and practicing engineers in the field. The programme was organized by the Dept of EE Engg, Amrita School of Engineering. Dr Ashok S, Professor, NIT Calicut, delivered the keynote address. The Sessions were handled by engineers from C-DAC, Trivandrum, Nest Technologies, Trivandrum, NIT Calicut and Amrita Vishwa Vidyapeetham. More than 30 participants from various organizations attended the programme. Dr Balakrishnan Sankar, Associate Dean, Amrita Vishwa Vidyapeetham, inaugurated the training programme. Dr PS Chandramohan Nair, Professor & Chairman Dept of EE Engg, Amrita School of Engineering presided over the function. Dr K Sankaran, Principal, Amrita School of Engineering and Dr MR Kaimal, Chairman, Department of Computer Sciences, Amrita School of Engineering Shri Krishnakumar M, Chairman, IETE-PAC Kollam facilitated the programme. Ms Smitha Krishnan welcomed the participants and Shri Ravishankar A N proposed the formal vote of thanks.
- As a part of ISF and PAC, the Dept of ECE and TCE at Sri Jagadguru Chandrashekaranaatha Swamiji Institute of Technology (SJCIT), Chickballapur conducted a three-day national level workshop on "ARM 9/11 Architecture and its Applications" on Jan 27-29, 2011. Dr S Ram Gopal delivered the keynote address. A one-day talk on "Theory of Teaching and Learning" on quality technical education for in-house faculty members was delivered by Prof (Dr) N Ramesh Dept of ECE, SJCIT, on Jan 31, 2011.

Important Information

● IETE Awards - 2011 for Excellence

"Call for Nominations" and brief information of various IETE Awards-2011 has been published in Sep-Oct 2010 issue of IETE Journal of Research and Nov-Dec 2010 issue of IETE Technical Review. The complete details and nomination proforma for these Awards are also available on IETE website: <http://www.iete.org> which are freely downloadable. The **last date** for receiving the nominations at IETE HQ is **30 Apr 2011**. We request all esteemed IETE Members and Chairpersons of Centres & Sub-Centres to give wide publicity to these Awards and encourage large nominations through their sources and personal contacts. This would also enhance the image of IETE. Your co-operation is solicited. For any further details, clarifications and assistance, please feel free to contact: **Dy Managing Editor**, ARP Section, IETE HQ : e-mail: mgeditor@iete.org ; Telephones: 011-43538842 to 44

● IETE Research Fellowship

IETE has been supporting R&D activities at Centres of Excellence in India for the last 10 years. Under this scheme selected researchers are provided financial assistance to pursue advanced level research in major and related fields of interest to IETE. For the year 2011, IETE invites Research Scholars from Institutes of national eminence to apply for IETE Research Fellowship through their Heads of Department outlining the project details. The details of the Research Fellowship Scheme are available on IETE website : www.iete.org under the heading "Events and Facility", freely accessible and downloadable.

● IETE-National Technical Paper Contest (NTPC)-2011

The IETE-National Technical Paper Contest (NTPC) – 2011 is being organized by **IETE, Dharwad Sub-Centre** during May 2011. **Last date** for submission of Technical Paper is **25th April 2011**. Intimation to authors of short listed papers will be communicated by IETE-Dharwad Sub-Centre. Guidelines and details would be available on IETE HQ website: <http://www.iete.org>. All Chairpersons of IETE Centres / Sub-Centres and ISF coordinators are requested to encourage participation by IETE Student Members, the Engineering Students and Members of IETE-Students Forums (ISFs) in their respective areas. IETE Dharwad Sub-Centre would be mailing the requisite information in this regard. For further details and clarifications, please contact **IETE Dharwad Sub-Centre**: email: dharwad@iete.org and telephone : **09845477797, 09448789455, 0836-2447465 & 0836-2448327**. Cooperation of all IETE Centres/ Sub-Centres and ISFs is solicited.

● IETE - Chartered Engineer

Every practicing engineer who is a Life Fellow of IETE (FIETE) for more than five years or a Life Member (MIETE) for more than ten years, is eligible to become a Chartered Engineer of IETE (C. Engr (IETE)) as per IETE Byelaw 86. Interested members may please apply in the prescribed form available at IETE Website- www.iete.org along with requisite fee of Rs 1,000/-. The grant of the status of C. Engr (IETE) will be decided by the Governing Council of IETE.

● On line System for Payments

IETE is shortly introducing an on-line system for all types of payments from members & students. For details please visit IETE website: www.iete.org.

● IETE Placement Cell

A **Placement Cell** for IETE pass-outs has been set-up at IETE HQ. All students desirous of finding a placement may register with IETE HQ. The online registration is also available. For details contact 011-43538857.

Awards & Achievements

Prof D Narayana Rao, Director (Research), SRM University and Governing Council Member, IETE, received the prestigious **Shanti Swaroop Bhatnagar Memorial Award** from **Dr Manmohan Singh, Hon'ble Prime Minister**, on 3rd January 2011 during the **98th Indian Science Congress**. Prof Narayana Rao was presented the Bhatnagar Award for his outstanding contributions to **Atmospheric Science**.



Prof D Narayana Rao receiving Shanti Swaroop Bhatnagar Memorial Award

Note : The Institution of Electronics and Telecommunication Engineers (IETE) assumes no responsibility for the statements and opinion expressed by speaker(s) and contributor(s).

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