

FROM PRESIDENT'S DESK



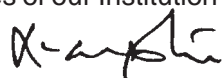
Last few months had been hectic but very fruitful for the Institution. Major activities undertaken provided renewed impetus to build IETE brand image. IETE provided suitable platform for disseminating information about the best practices for the development of the profession. IETE programmes & events witnessed some very influential persons giving valuable ideas for overall progress of technology in the country and creating value for rural India.

Recently concluded IETE's 42nd Mid-Term Symposium (MTS) on "Telecom Paradigms-Indian Scenario" underlined the surging growth of Indian Telecom in domestic sector. It unfolded new and unconventional strategies for creating a flow of new wealth in rural India. The strength of the telecom sector could truly be credited to its practice of meeting challenges. The symposium was aimed at bringing R&D organizations, educational institutions and the industry face to face to harness the technological developments for the benefit of common masses.

Fulfilling the national-level objectives, IETE seized the opportunity to be a part in the formation of National Telecom Policy-2011 (NTP-2011), wherein the dynamic team of IETE deployed their collective energies in shaping the recommendations for NTP-2011. A Round Table Conference was held comprising all stakeholders-manufacturers, industry, academia, Govt. regulators and the users, to discuss issues required to be included in NTP-2011 so that new policy further enhances the growth of telecom sector & helps the country to become communication /IT superpower. In another significant move, IETE shared common platform with AICTE & CMAI, in nation's need to formulate a vocational education framework. IETE is also keen in formally integrating vocational education with conventional education system. It favours the idea of skilled workforce having larger opportunities in the global market through approved certification. I am also happy to inform that IETE declared the Dec 2010 academic results ahead of time fulfilling our commitment of giving due attention to our students' community. I also feel pleasure to inform that with the growth in the activities and membership of Warangal Sub-Centre, it has been upgraded to full-fledged Centre with effect from 11th March 2011.

Keeping in view the brand promotion and broader exposure of the Institution, IETE participated in the mega electronics exhibition of 2011 'EFY Expo 2011' held during the month of March at Pragati Maidan, New Delhi. It was a worthwhile experience as the professionals interacted with individuals and international experts to share views, ideas and first hand experiences. Organizing the 42nd MTS was a great success. We place on record our grateful appreciation and thanks to all the colleagues in IETE Bangalore. I would also like to thank all the speakers & delegates of the symposium for their active participation, students for their support and Organizing Committee with volunteers for their committed and enthusiastic efforts.

I welcome your views and suggestions to further improve the activities of our Institution and make it more dynamic.


R K Gupta

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IETE HQs, New Delhi



News From Headquarters

IETE 42nd Mid-Term Symposium on “Telecom Paradigms- Indian Scenario”

The 42nd Mid-Term Symposium (MTS) of IETE on the theme “**Telecom Paradigms - Indian Scenario**” was successfully conducted during 16-17 April 2011 at Bengaluru in Hotel Fortune Park J P Celestial. **Shri V V R Sastry**, Director C-DOT, inaugurated the function. The proceedings started with the lighting of the inaugural lamp by dignitaries and a prayer by Wg Cdr Parthasarathy, Chairman, IETE Bangalore Centre. With the Chief Guest, **Shri V V R Sastry**, the other dignitaries sitting on the dais during inaugural session were: **Prof V S Ramamurthy**, Hon'y Fellow IETE & Director NIAS, Bangalore; **Shri R K Gupta**, President IETE; **Maj Gen K B Jhaldiyal, AVSM (Retd)**, Chairman TPC; **Dr M H Kori**, Chairman Symposium Committee; **Wg Cdr H R Parthasarathy**, Chairman, IETE Bangalore Centre and **Shri S R Aggarwal**, Secy General, IETE.

Minister of HRD, Communications & IT, Shri Kapil Sibal & Minister of State for Communications & IT, Shri Sachin Pilot, sent for the occasion. The messages were displayed on the screen for the audience. **Dr M H Kori**, expressing his views, hoped for good discussions and reviews during the symposium on recent developments in the telecom sector. He informed about encouraging response the event received in terms of papers for main sessions and the poster session. He mentioned about Pre-Symposium tutorials, Vikram Sarabhai Memorial Lecture, Dr Lal C Varman Award Memorial Lecture, invited talks besides, contributory papers and the exhibition. **Shri R K Gupta**, President IETE, emphasized on IETE's aim of building inclusive knowledge society, besides mentioning the recent upgradations of Palakkad & Warangal Sub-Centres, opening of a Centre at



The Chief Guest Shri VVR Sastry, Director C-DOT and Maj Gen K B Jhaldiyal, AVSM (Retd) lighting the inaugural lamp

The welcome address was delivered by **Wg Cdr H R Parthasarathy**. **Maj Gen K B Jhaldiyal, AVSM (Retd)** briefed the gathering about the objectives and ongoing activities of IETE. He highlighted the importance & rationale for choosing the theme of MTS, setting the tone right for the deliberations. Referring telecom as the enabling technology of the millennium and its contribution in GDP of about 1.5%, he said that telecom had dramatically changed the human perspective with its presence in almost each area of activity. Hence the theme was in line with the existing scenario of telecommunications in India. He also informed about few important messages especially received from Hon'ble



The dignitaries on the dais

Kakinada and future plans of new Centre at Ambala. He said that IETE's collective efforts were to ensure that the benefits of telecom services reached the common man at the remotest location of the country. The Chief Guest **Shri V V R Sastry** released the souvenir on the occasion. Delivering the inaugural address, he stressed on the paradigm shifts the telecom technology had witnessed and talked of impressive developments of the decade. He told that the present technology was quick, mission driven and comparable to international quality levels. He stressed on strong R&D base for indigenous development of telecom technology to save on capital and for owning Indian IPRs.

President re-elected

Shri R K Gupta has been re-elected unanimously as the President of the Institution of Electronics and Telecommunication Engineers (IETE) for another term, i.e. **2011-12**. Our congratulations and best wishes to him.



Releasing the Souvenir

'IETE Video Film' specially prepared to be shown on the occasion of MTS-2011, highlighting many-fold activities of IETE, was released by **Prof V S Ramamurthy**, Director, NIAS, Bangalore. He also delivered the **38th Vikram Sarabhai Memorial Lecture**. In this lecture on "**Technology Options in a Democratic World**", Prof Ramamurthy talked of the recent earth quake followed by tsunami in Japan, which has led to an unexpected nuclear crisis and whose impact was still unmeasured. Although the natural disasters that could neither be stopped nor predicted, teach us few lessons to be incorporated in retrofits and future designs. He presented the views of both anti-nuclear and pro-nuclear lobbies on building nuclear power stations. He himself opined that one cannot do away with the nuclear option altogether, particularly in the light of emerging global energy needs and the non-sustainability of hydrocarbons and the renewable energy resources to satisfy the needs. Though the renewable energy technologies and new clean energy resources were evolving but were unlikely to address the energy demands fully in near future. He mused, if political and the supporting administrative leadership was knowledgeable enough to take decisions on behalf of stakeholders. Under such situations who would take the final decision, without vested interests? More and more of our decisions including technology options, ending up in courts of laws, were the standing proof that we had not learnt to make hard decisions especially when the stakes were high, the stakeholder base was large and the impact was of long term. It is a

matter of concern to make the common man and their elected representatives scientifically informed when they are not scientifically qualified. This, according to Prof Ramamurthy, was the real challenge. He concluded his lecture by posing it as a challenge and suggested that the professionals had a major role to play and carry out the responsibility of preparing the public for informed decision-making.

The **23rd Lal C Verman Award** was conferred on **Shri N S Mehla**, Scientist 'G', CSIO, Chandigarh, by **Shri R K Gupta**, President IETE, for his notable contribution towards *establishing well equipped and state-of-the-art facility for design, fabrication and characterization of specialized Fiber Bragg Gratings, Long Period Gratings, and Extrinsic Fabry Perot Interferometer based devices, components and systems for sensors and communication applications*. In his talk on "**Recent R&D Activities in Fibre-Optic Sensors at CSIO**", during the technical session, the type of Sensors & their use in measurements in ships, rockets and their importance was explained by the Awardee. He said that Optical Fiber Sensors offered various technical and economic advantages as compared to conventional electric and electronic sensors and thus they replaced the latter especially for applications in harsh environments. Their immunity to EMI and chemically inert nature makes them attractive for remote sensing applications in areas with high electromagnetic fields, nuclear reactors or for oil & gas sector where other sensors do not withstand the harsh environment and thus cannot be used. He said that the recent developments in



A section of audience

these areas had opened up a whole new era of multidimensional research. In spite of already established strain, temperature and pressure sensors applications for structural health monitoring, the Fibre Optic sensors were emerging as integral part in the diverse fields of clinical, environmental, food and process analysis. Mementoes were also presented to Shri V V R Sastry and Prof V S Ramamurthy. The inaugural session came to an end with the vote of thanks delivered by **Shri S R Aggarwal**, Secretary General IETE. After the inaugural session, the exhibition was inaugurated by **Shri R K Gupta**, President IETE. Many companies displayed their products for the benefit of the visitors. It was a useful forum for the industry representatives to interact with the delegates from various institutions.

The three-day symposium was divided into tutorials, poster session and technical sessions, covering an extensive range of topics within the purview of Indian telecom paradigms. The **Technical Session-I** on “**Communication Systems and Network**” was chaired by **Lt Gen A K Agarwal, PVSM (Retd)**, Immediate Past President, IETE. It included the invited talk by **Dr M H Kori**, Chairman, Symposium Committee, on “**Next Generation Wireless Networks**”. He underlined the various stages of wireless communication, broadcast options, technologies connected to wireless telecom. Standards and structures used were also explained. The technical paper presented in the session was on “Direction-of-Arrival Estimation based on Minimum Eigen Vector in the Noise Subspace” by **Iffath Fawad**.

The **Technical Session-II** on “**Sensors & Adhoc Networks**”, was chaired by **Prof B S Sonde**, Former Vice-Chancellor, Goa University, DF and Past President, IETE. The invited talk in this session was by **Dr Anurag Kumar**, IISc Bangalore, on “**Wireless Sensors Networks**”. He talked about its various stages of formation along with applications in large building, forests, bridges and locating people in large buildings. Its use as embedded smart instruments along with structure and operation was explained. The papers presented in this session were on “Swarm Intelligence: An Application to Sensor Networks & Robotics” by **Shri Niranjana R Chougala**; ‘A Double key Encryption to provide Nodal Level Security in Wireless Sensor Network’ by **Shri Vijay Kumar** and “Heavy Rain Effects on Propagation of Free space Optical Links” by **Shri S Vijaya Bhaskara Rao**.

The **Technical Session-III** on “**Sub Systems & Devices-I**” was chaired by **Prof A Kumar**, Emeritus Professor, IISc, Bangalore and DF, IETE. The papers presented in this session were of **Dr M B Reddy** for

“Design, Development and Large Scale manufacture of Oven Controlled Crystal Oscillators (OCXOs) in India for Telecom Applications”; “HEMTs with heavily Doped InGaAs Channel Region for High Frequency Applications” of **Ms N V Uma Reddy** and ‘Antenna Systems for Chandrayaan’ of **Dr V Mahadevan**, with explanation on complete antenna system deployment of the Chandrayaan.

Shri N P Ramasubha Rao, Former Director LRDE, DRDO, chaired the concluding **Technical Session- IV**, which was devoted to “**Sub Systems & Devices-II**”. **Dr Satish Kulkarni**, C-DOT, delivered the invited talk on “**Synchronization Aspects of Telecom Networks**”, covering various aspects & approaches of synchronization, accuracy required & new standards being adopted for synchronization networks. He also discussed the challenges of future and gave elaborate references on the topic. The contributory papers in this session included “Performance Analysis of Wavelet Based Thresholding for Image Enhancement” by **Shri C V Aditya**; “Common Mode Voltage and EMI as the Source of Disturbance to Communication Network caused by Modern AC Motor Drive” by **Shri B Murlidhara** and “A combined Phase Correlation and Minutiae-Based Finger print Matching Algorithm” by **Shri B C Garai**.

The papers exhibited in the Poster Session were: “**Table Top Docking Demonstration using ultrasonic Sensors and Accelerometers**” by K J Thejesh, Karthick Babu, S G Harish & Kishore L; “**Microcontroller operated GSM Based Automation System**”; “**Image security using Scan Based Encryption Method**” by Parameshchari B D & Chaitanya Kumar M V and “**Signal integrity Studies towards via Optimization in a BGA for Microwave Applications**” by Kaushal Kannan & Sarma G H.

The seminar was preceded by tutorials on 15th April, 2011 covering “Large MIMO : A Technology for Gigabit Wireless Networking” by **Dr A Chockalingam**, IISc, Bangalore and “Fibre–Optic Communication and Networks” by **Dr T Srinivas**, IISc, Bangalore. The tutorials received appreciation of all the participating delegates.

The symposium ended with lively panel discussion headed by **Prof B S Sonde** and the panelists including: **Shri R K Gupta**, Maj Gen K B Jhaldiyal, AVSM (Retd); **Prof Anant Kumar**; **Shri N P Ramasubharao**, **Dr M H Kori** and **Wg Cdr H R Parthasarathy**. The concluding ceremony included presentation of mementoes followed by vote of thanks.

Round Table Conference on “National Telecom Policy-2011” on 09 March 2011.

A Round Table Conference on National Telecom Policy-2011 (NTP-2011) was held on 09 Mar 2011 at HUDCO Bhawan, India Habitat Centre, New Delhi. **Dr J S Sarma**, Chairman, TRAI, was the Chief Guest. Dignitaries from Telecommunications, related departments, stakeholders along with some of the IETE's Governing & Past Council Members attended the Conference. **Shri R K Gupta**, President IETE, in his address assured the IETE's impartial role in safeguarding the interests of stakeholders and forwarding recommendations of the Conference in totality, to the Govt. He himself was of the view that NTP-2011 should have the provision to promote those technologies which could penetrate into semi urban/ rural areas to achieve the goal of education and information to all and this was essential for a healthy nation. Synergy in the technologies & services at par with international standards was also stressed on. The Chief Guest, **Dr J S Sarma**, in his address emphasized the need of looking into Telecom Policy every 5 years instead of present practice in which the issue is taken up in 10 years time. He also touched upon the concerns like right to broadband, optical fibre network, judicious use of spectrum, Indian telecom equipment manufacturing, laws for foreign companies,



Round Table Conference – NTP-2011

energy storage area, etc to find place in New NTP-2011. He called this discussion a golden opportunity for the telecom fraternity & all stakeholders to work together on relevant issues in framing the policy 2011, which he thought would be the first step towards achieving the objectives of 2011.

Lt Gen D P Sehgal, PVSM, AVSM, VSM (Retd), Distinguished Fellow and Past President, IETE; Former Member TDSAT and Former SO-in-C, Indian Army,



Discussion in progress

graced the event as Moderator of the conference and said that the goal was to aid in creation of new policy framework required to facilitate India's vision of becoming IT superpower and develop a world class telecom infrastructure in the country. In addition, it was meant to deliberate on the corrective measures to be taken on the objectives of NTP-1999, which remained unfulfilled due to lack of implementation for some reasons with regard to certain policies. The main points for discussion were: **Rural Connectivity, Right to Broadband, Judicious and Optimum use of Spectrum, Policy of Manufacturing of Indigenous Telecom Equipment, R&D, Utilization of USO Fund, Green Telecom** and Inadequacies of NTP-1999. IETE recommendations for NTP-2011 based on the proceedings of the Conference have been forwarded to the concerned authorities. Details of recommendations sent by IETE, are available on IETE website : www.iete.org



Memento presentation by IETE President to Chief Guest, Dr J S Sarma, Chairman, TRAI

Brief on 15th Sir C V Raman Memorial Lecture

IETE Bangalore Centre organized the 15th Sir C V Raman Memorial Lecture on 28th Feb 2011 by **Prof G Padmanabhan**, NASI-Platinum Jubilee Chair, Honorary Professor, IISc, Bangalore, on “**The Growth of Biotechnology in India**”. **Shri R K Gupta**, President IETE, presided over the function; **Maj Gen K B Jhaldiyal, AVSM (Retd)**, Chairman TPC, delivered the welcome address and **Wg Cdr H R Parthasarathy**, Chairman, Bangalore Centre, proposed the vote of thanks. The function was well received and appreciated. In his lecture, **Dr Padmanabhan** said that Biotechnology could be defined as a technology based on life forms or components of life forms. It all started with the



Prof G Padmanabhan being presented a memento by Shri R K Gupta, President, IETE

establishment of the National Biotechnology Board by the Govt of India in 1982 in the Dept of Science & Technology, which was upgraded to the Dept of Biotechnology (DBT) in 1986. The rate of growth could be assessed by the fact that the budget for Life Science Research has increased fifty-fold over the last 25 years. The growth had been in terms of the establishment of new institutions, support for R&D, creation of infrastructure, generation of human resource, formulation of regulatory regimes and linkages with industries. Industry has also started moving in thus increasing the partnership with academia. Dr Padmanabhan said that apart from health and agriculture, there were initiatives in the areas of bioenergy, bioprocesses for treatment of recalcitrant fluids, tissue culture, monoclonal antibodies and India was fast becoming a popular destination for clinical trials. Venture capital for start-ups was still an issue. DBT had come up with SBIRI (Small Business Innovative Research Initiative) and BIPP (Biotechnology Industry Partnership Programme) schemes to address this issue and CSIR had NIMITLI (New Millennium Initiative) programme to support high end projects. DST had support mechanisms through the TDB (Technology Development Board) Initiative. India had potential to reach global leadership in the areas of vaccines, biogenerics, traditional medicine (if properly validated and standardized) and service sector, including contract projects in Bioinformatics and clinical trials.

Upgradation of IETE Warangal Sub-Centre

The Warangal Sub-Centre was upgraded to a full fledged Centre by **Prof S Narayana**, Immediate Past President, the Chief Guest on the function held on 11th Mar 2011. **Shri R K Gupta**, President IETE, presided over the function. Other dignitaries present on the occasion were: **Shri K S Prakash Rao**, Vice President, IETE; **Dr Surendra Pal**, Chairman Membership & Centres Committee; **Shri V Appakutty**, Zonal Coordinator (South); **Prof K Laxminarayana**, Chairman SIC; **Prof G V Anjaneyulu**, Chairman TFTP; **Prof M Basavaraj**, Chairman, Elan; **Prof K Appa Rao**, Governing Council Member; **Shri Nuli Namassivaya**, Rep Org Members in the Governing Council and **Shri TVS Rama Murthy**, Chairman IETE Hyderabad Centre.



Upgradation of IETE Warangal Sub-Centre

Meeting on National Vocational Education Qualification Framework pertaining to IT, ITeS and Telecom Sector by AICTE, CMAI and IETE

Recognizing the high demand for skills in the country, Central Advisory Board of Education (CABE) has emphasized on the need for a National Vocational Qualification Framework to provide a common reference framework for linking various vocational qualifications and setting common guidelines for nationally recognized qualification system and standards. For this purpose All India Council for Technical Education –a statutory body of the Govt of India, along with Ministry of HRD, have identified five sectors, viz. Automobile, Telecom/ IT/ITeS, Multimedia, Real Estate/ Construction and Finance and Insurance, where the need has been felt for enhancement of skills for people at work.

IETE joined hands with AICTE and CMAI in coordinating and organizing an open house discussion on 3rd March 2011 at IETE Hqs. The intention was to provide comprehensive and insightful inputs pertaining to perceived skill-gaps in the domains of IT, ITeS, and Telecom for preparing a holistic national vocational education framework. The dignitaries present on the occasion were: **Shri R K Gupta**, President IETE; **Shri N K Goyal**, President CMAI, **Dr R S Rathore**, Asst Director, AICTE, **Shri Lokesh Mehra** and **Maj Gen K B Jhaldiyal, AVSM (Retd)**, Chairman, Technical Programmes Committee, IETE. The discussion revolved around the agenda points, specified as the need and ways to evolve work based courses/certificates to be introduced at CBSE, graduate/ post graduate levels; to design suitable course models/ contents and certification courses. The audience came up with practical and suggestive measures that could help students in getting themselves tested, trained and certified for certain competency/ skill/ qualification. It was unanimously felt that such a framework should be in place to allow cross mobility of standards and absorption of skilled manpower in industry, which they have gained over a fixed period of time. There should also be seamless integration into higher learning that enables them to acquire formal degrees and higher



Joint meeting on National Vocational Education Qualification Framework

skills to perform higher level jobs in industry. The points that emerged from the open house discussion and strategies required to surge ahead, summed up by **Maj Gen K B Jhaldiyal, AVSM (Retd)** were: Bridging of large gaps for identification of skills & skill development programmes; Skill development, competency level certificates for different cadre of people to be restricted to only 'A', 'B', 'C' levels; Levels 'A' & 'B' to have programmes or introductory certificates programs according to the standards of CBSE/ 10th class; Need of modifications in the existing syllabi to develop quality and provide opportunity to all; Setting up of a concrete core of group for each vertical area, having representatives from stakeholders to design the module, syllabus, and decide infrastructure; Identification of independent agencies to depart training in simple marketable skills; Identification of people, group that could access and certify; Prospects of migration from vocational training to formal degrees; to establish synergy between all related agencies so that the courses, programmes, qualifications in the existing system are properly integrated, articulated and made coherent in specific areas to be recognized by all.

Meeting on 'Draft Engineers Bill'

The meeting of the Working Group on Draft Engineers Bill was held on 10th March 2011 at IETE Hqs. **Shri R V Shahi**, FIE and Chairman, Working Group on Draft Engineers Bill, apprised the members on the latest update regarding Engineers Bill. The minor modifications made in the draft Engineers Bill 2007, on the basis of suggestions received from the then Secretary, HRD, were informed to the members present, such as registration of Engineers,

code of conduct, etc. The Chairman also informed about his participation in the related meeting convened by MHRD on 23rd Feb 2011 under the chairmanship of **Shri Ashok Thakur**, IAS, Special Secretary, Govt of India, to discuss draft Engineers Bill 2011, which was more or less similar to consensus draft 2007 including formation of Indian Council of Engineers.

The Working Group at IETE Hqs discussed the latest changes in the revised bill. The Chairman expressed his satisfaction over the contents of the draft 2011 and hoped that it would be circulated along with a Cabinet Note to all concerned. **Dr Uddesh Kohli**, Chairman ECI, said that MHRD had referred the Draft which was prepared by the Working Group in Nov 2009 to various Ministries and their comments were still being worked on, and there was also a discussion with the Ministry of Law whose final outcome was awaited. The members expressed satisfaction on the developments and supported the minor changes. The Chairman expressed the possibility of draft becoming an Act of Parliament.



President IETE felicitating President IE at IETE Hqs

IETE's participation at EFY Expo at Pragati Maidan, New Delhi

To spread the awareness about IETE activities amongst the potential masses, IETE HQ participated in the exhibition organized by Electronics For You (EFY) held at Pragati Maidan, during 17-19 Feb 2011. The main media used for publicity was the display of IETE's banners, posters and audio-video show on TV. The staff at the IETE stall, imparted counseling, distributed leaflets, folders, brochures on all the three days. The IETE stall was graced by the presence of President, Secretary General of the Institution and other esteemed members of IETE Governing Council. It was observed that amongst the large number of visitors, IETE stall attracted a good number of students fraternity. The exhibition increased the visibility of the Institution as budding engineers were delighted to know about IETE degree & diploma courses & the job opportunities offered by the Institution.



IETE stall being inaugurated in EFY Expo, Pragati Maidan

News From Centres

Aligarh

The Centre and Dept of Comp Engg, Aligarh Muslim University, jointly organized a two-day workshop on “**Emerging Trends in Information & Communication Technology (ETICT -2011)**” on 19-20 Feb 2011. The Chief Guest of the function was **Prof J P Gupta**, VC, Jaypee Institute of Information Technology, Noida, and it was presided over by **Prof (Dr) P K Abdul Azis**, VC, Aligarh Muslim University, Aligarh, who also delivered the keynote address. The resource persons on the topic were: **Prof A K Sharma**, Dean & Head, Dept of Comp Science Engg, YMCA, University of Sc & Tech, Faridabad; **Prof Pervez Ahmad**, Head, Dept of Comp Science, Sharda University, Noida and **Assoc Prof M S Umar**, Dept of Comp Engg, AMU, Aligarh. A lab training

session on “**Modern Network Simulator, QUALNET**”, was held on the second day of the seminar and certificates were distributed by the Chairman & Hony Secretary of IETE Aligarh Centre, as Convener and Co-Convener of the workshop, respectively.

Bangalore

The Centre celebrated **IETE's Students Day** on 1st Feb 2011 by organizing various activities like badminton, singing, dancing, quiz competition and the game of tambola. The members present to encourage and address the students were: **Wg Cdr HR Parthasarathy**, Chairman; **Shri D Rajagopal**, Hony Secretary; **Shri R Lakshminarayana Rao**, Immd Past Chairman; **Dr M H Kori**, Former Chairman of IETE Bangalore Centre; **Prof C**

Murali, Governing Council Member; **Prof H S Bhatia** and **AVM AS Murthy**, EC Members; **Shri A Bhaskaranarayana**, Past Council Member.

Coimbatore

- The IETE Coimbatore Centre organized its flagship event, the **3rd National Conference on “Recent Trends in Communication, Computation and Signal Processing (RTCSP)”** on 1st-2nd March, 2011, co-sponsored by DRDO, Wipro and Indian Space Research Organization (ISRO). The theme of the conference was **“Technology for Nation Building”**. 75 scholarly papers were presented by industry experts and researchers in this field from leading IT companies and universities all over India. The keynote lectures were delivered by **Shri V Varadarajan**, LRDE, DRDO, Bangalore, on **“Microelectronics Design for Defence Applications”** and **Shri S Balaji**, Project Manager, Robert Bosch, Coimbatore, on **“Automotive Electronics: Road to Future Automobile Technology”**. Over 300 participants from industry, academia and students participated in the deliberations of this conference. **Dr M P Chandrasekharan**, Dean-Engineering of AMRITA University, was the Chief Guest and **Dr T R Padmanabhan**, Immediate Past Chairman, IETE Coimbatore Centre, presided over the conference.
- A **Student Project Contest** was inaugurated on 25th February, 2011 by **Prof K Gangadharan**, Chairman of the Centre, with sixty entries from various engineering colleges of Tamil Nadu. The final 35 entries addressed the problems in telecom applications, computing and automation that provided cost effective and feasible solutions. The 1st prize this year included - a trophy, a citation and cash prize of Rs. 4000/-; 2nd Prize included trophy, a citation and cash prize of Rs. 3000/- whereas the 3rd prize included only a citation and cash prize of Rs. 2000/-. In addition, the top three teams also received complementary registration for the 3rd National Conference on Recent Trends in Communication, Computing and Signal processing RTCSP-2011.
- A two-day workshop on **“ARM 7 Microcontroller”** was conducted on 26th & 27th March 2011. The workshop was inaugurated by **Dr T R Padmanabhan**, immediate Past Chairman, IETE Coimbatore Centre. The event coordinators were **Shri Binoy B Nair** and **Shri K P Peeyush**.

Chennai

- **IETE Students’ Day** was celebrated on 1st Feb 2011 at IETE Chennai Centre. **Shri S Muruganandam**, Centre Chairman, addressing the students read out the message of IETE President sent for the day. A number of issues regarding classes, lab & library facilities, availability of lessons and infrastructure at the Centre, were discussed. **Shri Immayyappan**, an ex student of IETE, shared his experience about his preparations for DipIETE exams and its successful completion. **Col (Retd) K S Chakravarthy** conducted a technical quiz programme on this day. Cash awards were given to the first three contestants: **Shri N Ganesh** (SG 217286); **Shri K S Shankar** (SG 204232) and **Shri Ashwin Iyer** (Dip student in CS).
- A National Conference was conducted on **“Recent Advances in Communication, Electrical and Electronics and Information Technology - RACEIT2011”**, in association with Prathyusha Institute of Technology and Management, during 28th Feb and 1st March 2011. **Thiru P W C Davidar**, IAS, Principal Secretary IT to Govt of Tamil Nadu, inaugurated the conference. About 70 papers were selected out of a total of 120 papers and published in the proceedings of the Conference. There were four plenary lectures covering different fields of interest. **Dr S Arumuga Perumal**, IETE Awardee, delivered a lecture on Green Computing.



Dignitaries on the dais during RACEIT-2011 at Chennai

- A two-day workshop on **“Next Generation Wireless Networks”** was inaugurated by **Shri S Muruganandam**, Centre Chairman, on 1st - 2nd Mar 2011 at Dr MGR University, Chennai. Hon’ble VC, MGR University, delivered the keynote address. **Shri A**

Ganesan, Former Chairman; Er V Chinna Pappiah, Hony Secretary; Shri G Selvam, EC Member, participated in the workshop. Resource persons were from Anna University and BSNL.

- Another one-day workshop on “**Next Generation Wireless Networks**” conducted at Manakula Vinayakar College of Engineering, Pondicherry, on 25th Feb 2011, was inaugurated by **Sri V Chinna Pappiah**, Hony Secretary, Chennai Centre. Technical lectures were delivered by **Shri A Ganesan**, and **Shri G Selvam** of Chennai Centre.

Dharwad

- A one-week workshop on “**Line Follower Robotics**” was conducted on 13th Nov 2010. **Prof M M Gadag & Prof R L Chakrasali**, the guests for the occasion, talked on the importance of robotics in modern life. Classes were conducted by the resource persons: **Prof S V Viraktamath**, **Prof N P Bannibagi**, **Prof Mala L M**, **Prof M M Dixit** and **Prof Raghuram K M**, for the five batches of 105 participants. The valedictory function was held on 28th Dec 2010.
- A quiz competition on recent developments in science and technology was conducted in view of **IETE Students’ Day** on 1st Feb 2011. Prizes were distributed to the winners: **Shri Chetan R Bagadi**, **Shri Pramod V Bilage** and **Shri Umesh Arved**, for the first three positions. Prof S S Kerur, Chairman of the Sub-Centre, called it a day marking the progress made by IETE Centres and to take appropriate steps to popularize & strengthen the IETE educational programmes.

Hyderabad

- IETE Hyderabad Centre celebrated the **IETE Students’ Day** on 6th Feb 2011. A Technical Paper Presentation Contest was organized and cash prizes were given to the winners of the contest by the Chief Guest **Prof S Narayana**, Immediate Past President IETE, and **Prof K Laxminarayana**, Chairman SIC, IETE, the Guest of Honour. The other dignitaries present on the occasion were: Prof P S Sarma, Vice-Chairman, IETE Hyderabad Centre; Prof K Appa Rao, Er N Namassivaya, Governing Council Members; Prof K Kishan Rao, EC Member and Shri K Gnaneshwar Rao. A technical talk on “**Cloud Computing**” was delivered by **Shri K Srinivasa Rao**, Senior Consultant, Mahindra Satyam Computers, Hyderabad & Past ALCCS Student.
- Under Professional Development Programmes, a two-day short term course on “**Image Processing &**

Current Trends” on 19th - 20th Feb 2011 was inaugurated by **Dr K Lal Kishore**, Vice-Chairman, IETE Hyderabad Centre and Dir I/C R&D Centre, JNTU, Hyderabad. **Prof B L Deekshatulu**, DF, IETE Former Director, NRSC & Visiting Prof, Univ of Hyderabad, was the Chief Guest for the Valedictory function and distributed certificates to the participants.

- The 13th **Shri U V Warlu Endowment Lecture** on “**Scope and Limitation of Biometric Identification**” by **Dr C V Kameswara Rao**, Independent Researcher, was organized on 26th Feb 2011. **Shri T V S Rama Murthy**, Chairman, IETE Hyderabad Centre, presided over the programme.

Jabalpur

IETE Jabalpur in association with BSNL, conducted a seminar on “**Recent Trends in Telecommunications**” on 15th Feb 2011 with **Shri Gopal Das**, CMD, BSNL, New Delhi, as a Chief Guest. Shri R K P Hinduja, CGM, MP Circle, elaborated the seminar contents. Session-I included lectures by **Shri A Narayan**, Former Secy Gen APT, Bangkok, & EC Member, IETE; **Smt Jyoti Gupta**, Asst Prof, Govt Polytechnic College, Jabalpur & Hony Treasurer IETE and **Smt Mukta Bhatele**, Asst Prof, GGCT, Jabalpur & EC Member IETE, who read out their papers. **Smt Sukla Manna**, Sr GM, BRBRAITT, Jabalpur; **Shri S C Joshi**, CGM, BRBRAITT, Jabalpur and **Smt Anu Shrivastava**, DGM, BRBRAITT, Jabalpur, also spoke on the occasion. Shri R K Sethi, Hony Secy, IETE Bhopal, submitted his paper but couldn’t attend the seminar. **Shri Lalit Mishra**, SDE, BRBRAITT, Jabalpur, spoke on “Next Generation Networks”.

Jaipur

- IETE Jaipur Centre celebrated **IETE Foundation Day** on 2nd Nov 2010 on the topic “**ICT: Powerful Education Enabler**”. The Chief Guest, **Dr Ajay Data**, CEO of Data Infosys, Jaipur, shared his thoughts on the theme and spoke at length about IETE. He also described the efforts which his team made to resolve issues related to internet accessing capability of Blackberry in India. He shared his ideas on making IETE a force to reckon with and urged the budding minds to join the Institution and work towards its development. Dr Deepak Bhatnagar, Prof V Sinha and Dr S K Bhatnagar, also addressed the gathering.
- IETE Jaipur Centre with Amity University, Jaipur, celebrated **IETE Students’ Day** on 1st Feb 2011. The dignitaries present during the event include : Prof (Dr) Deepak Bhatnagar, Centre Chairman, Shri M M Sharma, Hony Secy; Shri Dharam Pal & Shri Atar

Singh, Exec Members along with other IETE members. **Prof Raj Singh**, Vice Chancellor, Amity University, Rajasthan, in his address said that it was important to realize the positives and guard our own positives. **Dr Deepak Bhatnagar** spoke on “**Recent Advances in Antenna Technology for Modern Communication System**”. The main highlight of the day was a **quiz competition-Exquizzit’11** in which the team Beta involving **Himanshu Jain** and **Hitarth Narwala**, BTech (CSE) 6th Semester, won the 1st prize, cash of Rs 2000/-.

Jammu

- IETE Jammu Centre extended its technical collaboration to MIET Engineering College, Kot Bhawal, Jammu, for its technical cum cultural event “**SAMMILAN 2K11**” held on 16th-17th April, 2011 at MIET, Jammu. A large number of participants and students belonging to different streams of BE (IT, ECE, CS, Electronics, Electrical); MCA; research scholars from various educational and technical institutions including Jammu University; SMVD University; BGSBS University, Rajouri; MIET; MBS; JCET; Sai College Pathankot; Rayat, Ropar, participated in the technical events. **Jenab Abdul Gani Malik**, Hon'ble Minister for Higher Education, Labour & Employment, JK Govt, was the Chief Guest on the occasion. **Jenab Mubarak Gul**, Advisor to CM, was the Guest of Honour. Other prominent guests included Prof Rajeev Gupta, CDC, JU; Principal, JCET; faculty members from Universities and Colleges, representatives from Industry etc. Prof S K Puri, FIETE & Immd Past Chairman; Maj Gen S K Sharma (Retd), FIETE and Dr Ankur Gupta, Director MIET, were also present.
- A six-day workshop on “**MATLAB Applications**” was



Workshop on MATLAB Applications

organized by the Centre during 2nd-7th April, 2011, supported by Compel Industry.

- **IETE's Students Day** was celebrated by the Jammu Centre on 12th March, 2011. **Shri Nazir Hussain Malik**, Principal, Govt. Polytechnic, Jammu, the Chief Guest, appreciated the initiatives taken by IETE in the State for promotion of the student activities. Dr Pawanesh Abrol, Hony Secy, read IETE Students' Day message from President, IETE. **Shri Joy Ganjoo**, Centre Chairman, spoke on “**Advances on Information Technology**”. Students from educational institutions, viz. Dept of Computer Science & IT, University of Jammu; Govt Boys Polytechnic; MIET College; MBS College and Trikuta Degree College, participated in the event. They also gave technical presentations on topics like Future of Web, 3G Technology, Digital Image Processing, ZigBee and Impact of IT in society respectively. Maj Gen S K Sharma (Retd), FIETE & Principal, MIET College and Ms Neelanjana, Head, Computer Dept., Govt Boys Polytechnic, were the moderators for the event. The certificates and CSI sponsored cash awards were distributed to the participants by the Chief Guest.
- The Centre celebrated **IETE Foundation Day** on 2nd Nov 2010. On this occasion a seminar on the topic “**ICT: Powerful Education Enabler**” was arranged, attended by IETE members and students from various engineering colleges.

Kanpur

IETE Kanpur Centre organized a seminar on “**Sensors & Automation- Bringing Automation to Masses**” on 4th April 2011 at IIT, Kanpur.



Seminar in progress

Lucknow

The Centre celebrated **IETE Students' Day** on 1st Feb, 2011 in the presence of Shri Shabbir Ahmad, Past Chairman, IETE Lucknow Centre; Maj Gen (Retd) K K Ohri, AVSM, DG, Amity University Lucknow Campus; Shri BB Lal, Immdt Past Chairman; Shri Vinod Kumar, Hony Secy, Lucknow Centre, Brig U K Chopra, Dir, ASET; Shri S I H Rizvi, EC Member; Faculty members and students from engineering institutes. A symposium on "**Emerging Trends in Electronics, Computer & Information Technology**" was organized with participation from many reputed Engg Colleges. The winners in the contest organized by the Centre were students from different colleges. **Prerna Tyagi, Shiv Mathur** and **Meenakshi Pathak**, bagged the 1st Prize; **Alankrita, Akanksha Srivastava** and **Abhishek**, won the 2nd Prize and the 3rd prize was given to **Akshat Jain**. The event was covered by leading print and electronic media.

Mhow

The seminar on "**Next Generation Networks**" was organised by the IETE Sub Centre Mhow at Military College of Telecommunication Engineering (MCTE) on 03 - 04 Feb 2011. The Chief Guest, **Lt Gen V K Sharma, AVSM**, Commandant MCTE & Colonel Commandant Corps of Signals, initiated the proceedings and brought out the challenges of future and the ways new technologies could serve as tools to negate them. Technical heads from IBM, Avaya, Ericsson, Elbit Systems-Tadiran, Alcatel-Lucent India & Tejas Networks, delivered lectures with emphasis on concepts and principles of Next Generation Networks, Tactical Communication Systems and futuristic equipment designs. The event was covered by the print media also.

Mysore

The Mysore Sub-Centre organized a number of competitions on the occasion of **IETE Students' Day** on 1st Feb 2011 like drawings, rangoli, carroms (singles/doubles), chess, quiz, singing competitions and cultural programme events. The winners were felicitated with prizes and certificates.

Nagpur

- IETE Nagpur Centre celebrated the **IETE Students' Day** by organizing "**Aavhan Vidarbha Level Project Competition**" on 5th Feb 2011 and "**Vidarbha Level Quiz Competition**" on 12th Feb 2011. Aavhan was organized in association with VMV Commerce, JMT Arts & JJP Science College, Nagpur. About eighteen teams participated in the event. The team of **Sagar Miglani & Rahul Baraparte**, for their project "GSM

Based Automation Train Information" from KDK College of Engg, Nagpur, was adjudged the 1st best project. The 2nd best project on "Agrobot" was of **Sharddha Dhanwate & Kaushik Saha** of KDK College of Engg, Nandanwan, Nagpur, and the 3rd best project was from the team of **Chanda Gite, Chandrabala Kothari** on "Digital Respiration Rate Meter" from the same college.

- A seminar on "**ICT in Healthcare for Rural India**" was organized on 27th March 2011.

Nashik

A one-day seminar on "**Advanced Microsystems**" was organized by the Nashik Sub-Centre on 5th March 2011. The speakers for the various sessions were: **Shri Mahesh Bhatkal**, Director, Applied Digital Microsystems Pvt Ltd, Mumbai, on "**Embedded Technology**"; **Shri Umesh Bhagvatkar**, Director SPJ Embedded Technologies Pvt Ltd, Pune, on "**Embedded Linux**"; **Shri Nitin Paranjape**, MD, Edutech Learning Solutions Pvt Ltd, Baroda, on "**Effective Learning Techniques for Embedded Engg**" and **Shri Pravin Ambedkar**, Director, Ambedkar Associates, Aurangabad, on "**Finite State Machines**".

Patna

- **Shri H O Agrawal**, Vice President, IETE HQ, visited IETE Patna Centre on 18th Feb 2011 and was accorded warm welcome by the EC members of the Centre. He held wide range of discussions with the members on the improvement of activities of the Centre. He discussed the problems related to examination and assured them early redressal of their grievances. The meeting was attended by Dr Lalan Singh, Centre Chairman; Dr Arun Kumar, Immdt. Past Chairman; Dr H S Singh, Hony Secretary, and Shri Amitabh Kumar, Hony Treasurer, along with other members of EC, students, staff and faculty.
- The Centre celebrated **IETE Students' Day** on 1st Feb 2011 in the presence of Dr Lalan Singh, Centre Chairman, Dr Arun Kumar, Immediate Past Chairman along with other members. The students who won the quiz programme, were rewarded. Shri Amitabh Kumar, Member IETE, proposed the vote of thanks.

Sivakasi

Under the aegis of IETE Sivakasi Sub-Centre, the following ISFs, celebrated the **IETE Students' Day 2011**.

- **Mepco Schlenk Engg College, Sivakasi**, celebrated by arranging a special lecture on "**Recent Trends in Telecom**" by **Shri S Radhakrishnan**, Div Engr, BSNL, Sivakasi, on 01 Feb 2011.

- The celebrations were conducted at **Kamaraj College of Engg & Tech, Virudhunagar**, on 01 Feb 2011 with Paper Presentation Contest, Circuit Debugging and Quiz, motivating the students to enrich their knowledge on basics and recent trends.
- Celebrations at **Saranathan Engg College, Trichy**, were done by organizing Paper Presentation Contest and Project Presentation on 01 Feb 2011.
- A guest lecture on “**Technology Innovation and Entrepreneurship**” by **Shri Shankara Narayanan**, CEO, Spime Inc USA, was organized by **Velammal Engg College, Madurai**.

Vadodara

A state level Paper Contest “**Control, Microcomputer, Electronics and Communication (CMEC-2011)**”, was jointly organized on Feb 20, 2011 by IETE Vadodara Centre and EE Dept, Faculty of Technology & Engineering, Gujarat, for the students of engineering colleges. **Prof V P Parmar**, Principal, SVIT, Vasad, was the Chief Guest. **Dr Nishith S Bhatt**, Sr Manager Training, Essar Steel Ltd, Surat, was the Guest of Honour and presided over the function. **Prof S K Shah**, Chairman Technical Committee, CMEC-2011, organized the event. Other eminent persons were: Shri A M Naik, Chief Engr, ONGC; Prof N G Bhavsagar; Prof Pramod Modi; Prof M D Amipara; Prof M P Teredesai; Prof M M Pathan; Prof R C Desai, Exec Members IETE Vadodara Centre, staff & students. Prof Satish Shah briefed about the contest which was being organized for the last 5 years to update the knowledge and to overview R&D work pursued in

engg colleges of Gujarat. He stated the rules of contest to the participants. About 27 papers were selected for presentation by the technical committee. The papers were divided in two categories of Research and Review Papers. The Contest was organized in two technical sessions. Judges for technical session I and II were: Prof N G Bhavsar, Prof A I Trivedi, Dr Nishith Bhatt, Dr S K Joshi, Prof A M Amipara, Dr Hina Chandwani, Dr J J Gadit and Prof Pramod Modi. The winners in the Research Papers category were: **Ms Dharmistha Vishwakarma** for the paper on “FPGA Implementation of ANN Based Reactive Routing Protocols for MANET” for the 1st prize and **Ms Pooja Suratia** for her paper on “GUI based MIMO-WS for Capacity and Performance Analysis”, for the 2nd prize. In the category of Review papers, 1st prize went to **Surabhi Dwivedi & Jaimin Bhalani**, for their paper on “Theoretical Analysis of Metamaterials” and 2nd prize to **Shri Rakesh B Patel**, on “Multi Agent System: A Recent Trend in Control Engineering”.

Vijayawada

- A National Workshop on “**Fuzzy & Embedded Systems- Concepts and Applications**” was conducted on 22nd Jan 2011, in association with the Dept of EIE of VR Siddhartha Engg College, Kanuru, Vijayawada, Krishna Dt, AP.
- A one-day National Level Technical Students’ Symposium “**Electrofest-2011**” was conducted by the Centre in association with Dept of ECE, Guntur Engg College, Guntur, on 18th Mar 2011.

IETE Students' Forum (ISFs) : Activities

- **ISF of Aarupadai Veedu Institute (AVIT), Paiyanoor, Chennai**, organized a seminar on “State of Art in Telecom” by Dr K Francis Jacob, ITS, GM, FCI, South Zone, Chennai, on **Aug 17, 2010**. The ISF together with IEEE Communication Society, organized an “Intra Dept Paper Presentation/ Project Contest” on **Mar 25, 2011**. Dr (Mrs) N R Alamelu, Principal, AVIT, presided over the function.
- A seminar on “Advancements in Digital Image Processing” was organized by the **Dept of ECE, Adhiparasakthi College of Engineering, G B Nagar, Kalavai, Vellore**, on **Oct 6, 2010** with Shri S Aravindhan, Application Engineer, Raghuram Associates, Chennai, as the resource person. It also conducted one-day national workshop on “Embedded System Design and Programming” in association with VI Microsystems, Chennai, on **Mar 23, 2011** inaugurated by Shri R Vijayarajeswaran, MD, VI Microsystems, Chennai.
- A seminar on “Modern Trends in Broadcasting” was conducted on **Jan 09, 2011** at **ISF Swarnandhra College of Engg & Technology, Narsapur**. The Chief Guest on the occasion was Shri Pammi Kalee Prasad, Senior Engg, DD Relay Station, Prakasam District.
- On the occasion of inauguration of **ISF at Potti Sriramulu College of Engg & Technology, Vijayawada**, on **Jan 19, 2011**, the Chief Guest, Shri Kalee Prasad, Engr, DD, gave informative lecture on “**Television Broadcasting**”.
- **ISF of PSG College of Technology (PSGCT), Coimbatore**, conducted a one-day national workshop

on “Wireless Communication: System Design and Synthesis using LabView” on **Jan 29, 2011**.

- One day workshop on “Electronic Design and Automation tools” was organized by **Amrita ISF, Coimbatore**, on **Jan 21, 2011**. It had also organized a one-day workshop on “Teaching and Learning VLSI Design – A Simulation based Approach” during **Dec 1 -4, 2010**.
- **ISF of KCET, Virudhunagar**, celebrated IETE Students day on **Feb 1, 2011**. Technical events such as paper presentation, circuit debugging and quiz were conducted. Students actively took part in the events & expressed their talents.
- A one-day workshop on “Security and Hacking Mania” was held on **Feb 03, 2011** at **Sri Ramdeobaba Kamla Nehru Engg College (SRKNEC), Nagpur**.
- Dept of ECE & **ISF of Coimbatore Institute of Technology, Coimbatore**, conducted a two-day national level workshop on “Research Challenges in Image Processing” on **Feb 4-5, 2011**. Another two-day workshop on “ARM Processor” was conducted jointly on **Feb 17-18, 2011**.
- **ISF Parvathareddy Babul Reddy Visvodaya Institute of Technology & Science (PBRVITS), Kavali**, organized a guest lecture on “Latest Trends in Image Processing” on **Feb 05, 2011** by Dr S Varadarajan, Assoc Prof, ECE Dept SVU College of Engg, Chief Guest & the resource person.
- **ISF of Kumaraguru College of Technology (KCT), Coimbatore**, conducted a one-day national workshop on “Embedded System Development and Programming” on **Feb 10, 2011**.
- **ISF at RVS College of Engg & Technology, Coimbatore**, was inaugurated by Shri P R Nair, Treasurer, IETE Coimbatore Centre, on **Feb 11, 2011**.
- **ISF at Roever College of Engg & Technology, Perambalur, Tamil Nadu**, was inaugurated on **Feb 12, 2011** in the presence of Shri Prashant R Nair, Hony Treasurer, Shri C Arun Kumar, Coordinator, ISF and Dr K Varadharajen, Chairman, College.
- **ISF of M P Nachimuthu M Jaganathan Engg College, Erode**, visited “Udhayam” Special School and Rehabilitation Centre on **Oct 30, 2010**. It also conducted a special Guest lecture on value added course on “Embedded Systems” by ABE Technologies on **Dec 27, 2010**; “Higher Studies in Abroad” on **Feb 17, 2011**; a two-day workshop on “Image Processing using Matlab” on **Jan 10-11, 2011** and a state level Science & Technical Exhibition “Electro Expo’2K11” on **Feb 04, 2011**.
- A National Level Technical Symposium Projection’11 and Job Mela during **Feb 17-18, 2011** were organized by **Parul Institute of Engg & Tech, Limda, Vadodara**. Shri Sashikant Patange, Head, HRD, Linde, Vadodara, was the Chief Guest and Prof Satish K Shah, Coordinator ISF & Chairman, IETE Vadodara Centre.
- A one-day Inter College Project Exhibition “Gladiator’s 2KXI” was conducted on **Feb 18, 2011** by **ISF of MAM College of Engg, Tiruchirapalli**, jointly with Dept of Electronics & Communication Engg of the college.
- The Dept of ECE of **KSR College of Technology, Tiruchengode**, conducted the IETE sponsored State Level Technical Symposium - Comunix’11 on **Feb 18, 2011**.
- An **ISF at Sri Satya Sai Institute of Science & Technology, Sehore**, was inaugurated by Shri R K Sethi, Secretary IETE Bhopal Centre, on **Feb 19, 2011**. Others present on the occasion were: Dr Sunil Kapoor, Group Chairman, RKDF Group & Member Prasar Bharati Board; Dr G R Selokar, Principal; Dr Jain, Principal (MBA); Prof Mukesh Tiwari, Dean Academic and Prof Jaikaran Singh, Head, EC Dept. A one day seminar on “Nano Electronics” at ISF was also organized.
- **ISF of NPR College of Engg & Technology, Natham, Dindigul**, was inaugurated on **Feb 19, 2011**. The chief Guest on the occasion was Dr S Arivazhagan, HOD/ ECE, Mepco Schlenk Engg College, Sivakasi.
- **ISF of Dept of Electronics & Telecommunication Engg of Jawaharlal Darda Institute of Engg & Technology, Yavatmal**, organized a two-day national

IETE has made **Online Registration** operational for Corporate Membership and Student Membership through its **website: <http://www.iete.org>**. Aspirants may apply online for IETE membership, subject to fulfilling the eligibility conditions given on the website. This has to be followed by sending the copy of form submitted on website along with the applicant’s recent passport size photograph, signature, reference details and proof of payment made to IETE HQs.

level technical symposium "PRANETA-11" on **Feb 19-20, 2011**, inaugurated by Shri Kishor Darda, Secretary, JDES, Yavatmal and the Chief Guest Dr S V Dudul.

- Shri Prashant R Nair, Hony Treasurer, IETE Coimbatore Centre, inaugurated an **ISF at Dr NGP Institute of Technology, Coimbatore** on **Feb 23, 2011**. Dr S Dhandapani, Principal of the College, presided over the function.
- **ISF of National Engg College, K R Nagar, Kovilpatti**, was inaugurated by Dr S Arivazhagan, Chairman, IETE Sivakasi Sub-Centre, on **Feb 24, 2011**. The ISF conducted a national level technical symposium inaugurated by Shri Yogan Senthil Kumar, Vice President, Test Engineering, Tessolve Services Pvt Ltd, Chennai, on **Mar 16, 2011**.
- **ISF at JNIT, Jaipur**, organized a two-day National Conference on "Recent Advances in Microwave Tubes, Devices & Communication Systems (NCRA-MTDCS-2011)" on **Mar 04, 2011**. Prof R P Yadav, Hon'ble Vice Chancellor, RTU Kota, was the Chief Guest on the occasion.
- IETE and ECASTLE of **ECE Dept of MAM College of Engg & Technology, Tiruchirapalli**, conducted an intercollegiate project exhibition, "E-Discover'11" on **Mar 05, 2011**. Dr J Devishree, Asst Prof, CIT, Coimbatore, inaugurated the function as Chief Guest.
- The **Dept of Electronics Engg, HBTI, Kanpur**, in association with **ISF & Association of Electronics Engineers, HBTI, Kanpur**, organized "Anuvartan'11", an annual technical festival, on **Mar 7-8, 2011** on the theme "The Interfaced Tomorrow". Prof Pradip Sircar, IIT Kanpur, presided over the function and delivered the keynote address. The director of the Institute, Prof R K Khitoliya, was the Guest of Honour.
- **ISF of Aarupadai Veedu Institute of Technology (AVIT), Chennai**, along with ISTE Chapter, organized a national level Polytechnic Convention "Polytech Fest 2011" on **Mar 9, 2011**. The convention was inaugurated by Shri S Dwarakanathan, Vice President, Brakes India Ltd, Chennai.
- A national level Technical Contest "XPRO'11" was inaugurated by Dr S Vasuki conducted at **KLN College of Information Technology, Pottapalayam** on **Mar 11, 2011**.
- **ISF of Hindustan College of Engineering and Technology (HICET), Coimbatore**, conducted a one-

day national workshop on "Image Processing Algorithms" on **Mar 12, 2011**.

- **ISF & ECE Dept of Shri Angalamman College of Engg & Tech, Trichy**, organized a valedictory function of ECE Association "Telefest'11" to encourage the academic toppers and students, gifted with talents in co-curricular activities, on **Mar 14, 2011**. Mrs C Latha, HOD/ECE Dept, KR College of Engg, Samayapuram, Trichy, was the Chief Guest on the occasion.
- **ISF at Information Technology Dept of Dharmsinh Desai University, Nadiad, Gujarat**, was inaugurated on **Mar 18, 2011**. An expert lecture on "Distributed Computing" by Prof Saurabh Shah, Head, CE Dept, BIT, was arranged on the occasion.
- **ISF of APIIT SD India, Panipat**, organized a tech fest "Dextrix-11" on **Mar 31, 2011**. Shri R K Gupta, President IETE, graced the closing ceremony of the festival as the Chief Guest and addressed the ISF students.
- **ISF at Yadavrao Tasgaonkar College of Engg & Management, Karjat**, was inaugurated by Prof V N Pawar, Chairman IETE amongst the dignitaries of the college, on **Apr 15, 2011**. A technical talk on "Innovations in Telecom" was delivered by Shri Ramani Iyer, Executive Committee Member, IETE Navi Mumbai Centre, on the occasion.
- **ISF of Chitkara University, Barotiwala, Baddi, HP**, was inaugurated on **Apr 19, 2011**. The dignitaries present on the occasion were : Dr Varinder Kanwer, Registrar, Chitkara University; Prof (Dr) Sudhir Mahajan, Dean, R&D, Chitkara University HP; Ms Pooja Arora, HOD, ECE Dept; Shri Kuldeep Sharma, Student Branch Councilor, Er R A Sakuja, Hony Secy, IETE Chandigarh Centre, Wg Cdr D N Misra and Shri D S Chhabra, Executive Members of IETE .
- A two-day national level workshop on "Emerging Trends in Embedded Systems (ETIES-2KII)" was conducted by **ISF Narayana Engineering College, Nellore**, on **Apr 23-24, 2011**. Dr N S Murthy, Prof NIT Warangal & Shri K Sreenivasulu, Director DEPIK Technology, Hyderabad, were the resource persons.
- **ISF at Electronics & Communication Dept of Shirdi Sai Engineering College, Belgaum**, organized a national level technical symposium (LIVAZ'11) on **Apr 28, 2011**.

On behalf of IETE community, we wish to convey our heartfelt sympathies and deepest condolences to the people of Japan whose lives have been shattered in the catastrophic earthquake & tsunami of 11th March 2011. We pray that Japan soon overcomes this adversity successfully.

Professional Activity Centre (PAC)

The 2nd PAC and the 6th ISF of Palakkad Centre were inaugurated by **Shri C K Haridas**, Founder Chairman Palakkad Centre, at **SSM Polytechnic College, Tirur**, on **Apr 08, 2011**. **Major K Ameer Ali**, FIETE, Principal, SSM Polytechnic College, presided over the function. Others present on the occasion were: Mohd Ziyad TA, Secretary PAC; Shri Suresh Babu P, Head Instrumentation Engg, Kottakkal Women' Polytechnic College; Mohammed Yahya N; Shri K P Ali Ashraf; Shri Ali Chelat; Shri U V Ahammed Shafeek; Shri Afeef V, ISF Chairman and Shri Rahul Prabhakaran, Hony Secy, ISF.



Shri C K Haridas, founder chairman IETE Palakkad Centre speaking on the inauguration of ISF and PAC at SSM Polytechnic College, Tirur

Awards & Achievements



Lt Gen A K S Chandele (F113460), PVSM, AVSM (Retd), Member, IETE Governing Council and Co-Chairman ELAN has been conferred the degree of Doctor of Philosophy in Defence Studies by Chaudhary Charan Singh University, Meerut during the Convocation of 2011. The title of his thesis was 'Indigenization and Self Reliance in India's Defence Production'. IETE fraternity congratulates Dr. Chandele.



Prof (Dr) Sameer K Bandyopadhyay (F139133), Member, IETE Governing Council and Chairman, IETE Kolkata Centre has been conferred second time the degree of Doctor of Philosophy from Bristol University, UK which

is more than 200 years old university. The title of his thesis was "Anatomical Asymmetry of Human Breast Image-Analysis and Detection." IETE fraternity congratulates Prof Bandyopadhyay.



Shri B P Srivastava (F019030L), Past Chairman of IETE Delhi Centre, has received a **Lifetime Achievement Award at Radio Congress 2011** held at Gurgaon on 28th March 2011, under the auspices of **ARO (Association of Radio Operators for India)**, for his contribution in the field of FM Broadcasting. At present, he is working as Technical Advisor to Broadcast Engineering Consultants India Ltd., a Govt of India Enterprise.

Dr Surendra Pal (DF-062502L), Prof Satish Dhawan Professor and Sr Advisor, Satellite Navigation (ISRO), ISRO Satellite Centre, Bangalore, Chairman M&CC and Co-Chairman, Publications Committee, IETE, visited Singapore as International Speaker at Workshop on "**Satellite Technology**" held at NTU Singapore, on **25 March 2011** and delivered talks on "**Space Technology, GNSS an Antenna Systems for Aerospace Applications**" on this occasion. He also held discussions with Prof E Alphones, Prof Sheel Aditya and others for popularizing IETE activities in Singapore and encouraging engineers to become IETE Members.



International Satellite Experts Speak for Workshop on Satellite Technology Friday, 25 March 2011

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