FROM PRESIDENT'S DESK

IETE election process is well underway. A new team of executives will take charge at various Centres/ Sub-Centres as a part of the periodic process. In this transition our effort will be to maintain continuity, drawing wisdom from our outgoing Executive Committee Members and focus on the areas that need improvement. I would request cooperation from Centres, members and the HQ team to ensure smooth change over.

Soon IETE will be entering into its diamond jubilee year marking the completion of 60 years in the profession. Over the years, IETE created a creditable track record of dissemination of technical knowledge especially to underprivileged students and enhanced the standard of engineering fraternity. Our members and students have played a significant role in helping the institution to achieve new heights. IETE still has many challenges in terms of growth, popularizing technical education, global competition and human resource development. Reiterating our commitment, steps are underway to deliver better services to students' community that would boost their technical skills as well as employability. We have also to improve on Centre's activities and growth of professional membership. I hope the new Executive Committee at Centres would carry forward the task of organizing the activities of Centres and students, efficiently. IETE would like to drive into the future with confidence along with combined efforts of all its members.

IETE has plans to switch over to online voting system for Governing Council and Centre Elections. Therefore, it becomes necessary that all members intimate their e-mail IDs and telephone/mobile numbers to help us update our data bank. Please update your contact information in IETE records to help us stay in touch and serve you better.

The Mid Term Symposium 2012 - one of our flagship events, was organized successfully at Pune, for which I congratulate all my colleagues and members for their whole-hearted support. The theme was selected keeping in view the importance of ICTs in improving the quality of Indian education system especially in remote areas. It discussed in details the requirements of ICTs to modernize the education system and to identify the strengths and gaps of our system, also deliberated on new models, best practices and policies. I am happy the Guest of Honour Dr Rajat Moona, Dir General, C-DAC, provided useful inputs to meet the problems in mass scale examination system. Now IETE is all set for its next big technical event of World Telecommunication and Information Society Day in May 2012. I extend invitation to all our members to come, share their experience & knowledge and enable us to serve the fraternity meaningfully.

R K Gupta

CONTENTS

IETE HQs, New Delhi

Newly Elected IETE Distinguished Fellows

Prof (Dr) M Basavaraj has been elected as **Distinguished Fellow of IETE** for 2012 for his contribution in the field of Electronics & Telecommunication**.** Prof Basavaraj holds BE in E & CE from Osmania University, Hyderabad; Post Graduation from IIT, Roorkee and Doctorate from Arizona, USA. He has served in PDA Engg College, Gulbarga, as Prof and HOD of Power Electronics in PG Deptt. He was deputed as Principal, SLN Engg College, Raichur, for two terms of five years each (1980-85) & (1991-96) by the Govt of Karnataka. As Director he served REC Bhalki, Karnataka, from 1997-2001. He also served at various technical institutions of Mehboob Nagar & Ranga Reddy District of Andra Pradesh and was Founder Chairman of IETE Gulbarga Sub-Centre. He was in the IETE Council during 2007 and 2008-11 as Chairperson, ELAN and Co-Chairperson, AC and Co-opted member, SIC. Prof Basavaraj served ISTE, New Delhi, as Vice President and Chairman, ISTE Karnataka section. He was instrumental in starting ISFs in various technical institutions of Karnataka & AP. As a Visting Professor of ISTE, he served various institutions of Karnataka and its neighboring states. He was with Gulbarga and Karnataka Universities as Chairman, BOS & BOE and also as Academic council member.

Maj Gen K B Jhaldiyal, AVSM (Retd) has been elected as **Distinguished Fellow of IETE** for 2012 for his contribution in the field of Electronics & Telecommunication. Maj Gen Jhaldiyal is a soldier engineer of repute who is a Science graduate from Allahabad University; Engineering graduate of University of Roorkee and a Post-graduate (M Tech) in Applied Electronics from IIT Bombay. Fellow member of number of prestigious professional and management institutions, he has extensive experience both in the field of Industry and HRD. In his 35 years of distinguished service to the armed forces, he has successfully held important command and staff appointments at various levels. His special contribution was towards engineering support of Guided Missiles, Tank Electronics, Communication Systems, HRD and Base overhaul of complete range of communication, radar and allied equipments. He has been intimately associated with the training of officers at Military College of Electronics and Mechanical Engineering(MCEME), where he served as the Dean, Faculty of Electronics. He has been the Chairman of Engineering support Policy Committee for Guided Missile Systems. He is the recipient of Ati Vishisht Seva Medal (AVSM) for his distinguished services. He ventured into IETE as a second calling, starting with a successful tenure of seven years as Secretary General of the Institution (1996-2003). He served the Institution as a Council Member for two terms.

The **IETE Distinguished Fellowship will be conferred at the inaugural session of 55th Annual Technical Convention scheduled to be held at Bangalore, on 29th-30th Sept 2012. Congratulations to Prof (Dr) M Basavaraj and Maj Gen K B Jhaldiyal, AVSM (Retd) on their election as Distinguished Fellows of IETE.**

Important Notice

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

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

43rd IETE Mid-Term Symposium on "ICT in Education"

The **43rd IETE Mid-Term Symposium (MTS)** on the theme **"ICT in Education"** was successfully held during 14th-15th April 2012 at Hotel Pride, Shivaji Nagar, Pune. **Shri Pratap G Pawar**, Eminent Journalist and Chairman & Managing Director, Sakal Group of Industries, graced the occasion as the Chief Guest and **Dr Rajat Moona,** DG, C-DAC**,** as the Guest of Honour. The proceedings started with lighting of the inaugural lamp by the dignitaries amid invocation. The other dignitaries on the dais were: **Shri R K Gupta**, President IETE; **Shri H O Agrawal**, Vice President IETE & Chairman, Technical Programmes Committee (TPC); **Prof D Narayana Rao**, Co-Chairman, TPC; **Gp Capt G M Apte, VSM (Retd)**, Chairman, IETE Pune Centre and **Shri S R Aggarwal**, Secretary General, IETE.

Gp Capt G M Apte, VSM (Retd), in his welcome address highlighted the need of ICTs in education sector and said that Pune being the hub of Information Technology and centre of educational activities, was the right choice as the venue for this year's MTS**. Shri H O Agrawal** defined and justified choosing of 'ICT for Education" as the theme for 43rd Mid-Term Symposium, thereby setting the tone for the deliberations. Briefing the schedule for the symposium, he informed about encouraging response, received for the main sessions of the symposium as well as for the tutorials. He expected the deliberations to bring out related problems and solutions to fulfill the requirement of quality education.

In his address **Shri R K Gupta**, President IETE, said that the focus would be on topics broadly concerned with the development of ICT resources for education, improvement in syllabi, teaching methodology and role of animation and multimedia in learning. He also informed about the ICT related activities of the Institution and its voluntarily adopted socially relevant & progressive programmes for the society, aiming at the

Shri R K Gupta, President IETE, addressing the gathering during MTS-2012

weaker section, unprivileged citizens, visually challenged and old-age persons. He concluded with an optimistic note saying that the present of IETE was bright and the future was even brighter.

The Chief Guest **Shri Pratap Pawar** released the souvenir-cum-proceedings of the Symposium on this occasion. Delivering the inaugural address, he highlighted the role of media in imparting quality education. Giving details of the formation of Education Committee in Pune, he said that although the newspaper

Shri Pratap Pawar, CMD, Sakal Group of Industries, delivering the inaugural address.

industry was about four hundred years old, yet it had its own importance even now. He opined that with technology oriented people, India would progress even if there was the economic recession. He assured his support for any activity that was for the benefit of the society and congratulated IETE for its efforts in holding such a prestigious symposium at Pune.

Prof D Narayana Rao introduced the **39th Vikram Sarabhai Memorial Lecture** and the Speaker of the lecture **Dr Rajat Moona**, who was also the Guest of Honour on the occasion. Dr Moona talked on the topic **"Mass Scale Examination System".** Talking of ICT and Space, he said both of them go together as there could not be any internet without space or space without internet. Dwelling on the mass scale examination system, he highlighted the need of on-line examination system over the regular patterns of examination held in large scale like the CBSE, State Level Board Examinations, JEE, NET, GATE etc. He said that ICT was a part & parcel of mass scale examination system everywhere. Broadly dividing the examination system activities into three parts viz. pre-examination, during and post examination activities, he described in details the requirement of ICTs for all stages. Highlighting the on-line requirement of different ways of conduct, purpose and various alternatives of examination, he emphasized on the need of Machine Assisted Examination System

(MAES) and various issues related to such type of mass scale examination system. He presented step by step model for offline MAES. He concluded his address highlighting the issues involved in switching over to MAES and their solutions and facilities provided by C-DAC for National On-line Examination System. The inaugural session ended with the vote of thanks delivered by **Shri S R Aggarwal**, Secretary General, IETE.

The symposium was divided into four Technical Sessions covering an extensive range of topics on ICT in Education. The Technical Session-I on, **'ICT Resources for Education'** was chaired by **Shri K S Yenpure**, MD Yenkay Instruments and Controls, after the inaugural session. It included the invited talk by **Dr HO Srivastava**, President, World Development Foundation, New Delhi, which was on "Technological Options for Delivery of Educational Contents". He underlined the use of multiple delivery options for educational contents using many systems such as cable, wireless internet, broadcast systems etc. He described in detail a pilot scheme, which was being implemented in Bihar for delivery of educational contents to farmers with scientists and extension workers as facilitators. The two technical papers presented in the session were on "Enhanced Learning using ICT Tools and Equipments" by **Prof Shreenivas Jog** and on "ICT in Education" by **Shri M G Kulkarni**, FIETE. The Technical Session-II on **"Changes in Methodology of Education through ICTs",** was chaired by **Prof (Dr) M S Sutaone**, HOD, COEP. The invited talk in the session was by **Prof S Vijaya Bhaskara Rao**, Dept of Physics, S V University, Tirupati & Chairman, IETE Tirupati Centre, on "Exploring the Extent of ICT usage among Post Graduate Students". He explained the role and rapid evolution of ICTs. He informed about the National Policy for ICT in Education that highlighted the need to integrate ICT as a subject in the curriculum and to strengthen the overall teaching-learning process. He also informed the objectives of his study that included finding the extent of awareness of ICT tools among PG students as well as the influence of locality on the usage. Survey method of educational research was employed for this study and the analysis was presented in tabulated format. Since technology played an important role in the learning process of higher education level, he viewed that infrastructure facilities and availability of various technological tools in educational institutions were needed to be improved for its maximum potential.

The Technical Session-III on **"Challenges in Content Development"** was chaired by **Shri M R Rabade**, Managing Director, M S Engineers. The Invited Speaker in the session, **Prof (Dr) P W Wani,** COEP, spoke on, "New Educational Architecture". He traced the history of technological developments and said though the satellite communication, optic fiber, various electronic gadgets and computerization has silently replaced the traditional methodologies of teaching, yet that approach to provide education could not be replaced. He said that ICT as an additional support would go a long way to modernize the teaching and learning methodology. The papers presented in this session were by **Prof Indu Garg,** Associate Prof in Dept of Education at University of Mumbai, on the topic, "Policy Initiatives for ICTs in Education in SAARC Countries"; by **Brig (Retd) A P Sharangpani**, Consultant in IT Infra & Training, Pune, on "Growth of ICT and its impact on Content Management in Syllabi" and by **Prof K S Kshirsagar** on "Perspectives of ICT in Education". **Dr (Mrs) A V Kulkarni**, Prof, Dept of Electronics & Communication Engineering, Padamshri Dr D Y Pathak Institute of Engineering & Technology, Pune, chaired the Technical Session-IV, which was on, **"Animation and Multimedia for E-Learning"**. The Invited Speaker, **Dr Venkatesh Babu**, an animation & multimedia expert, delivered the talk on, "Entrepreneur's Media Eco System-A Need Based Approach". Explaining the requirement of animation and market trends of media and entertainment, Dr Babu dwelled on the trends of digital visualization across industries. He opined that animation could go a long way to help learners use it as a tool to aid to their skills. He concluded explaining the new media eco system and screening of a video film of the Institute of Gaming Multimedia Animation, depicting the use of animation in almost every field. The papers presented in this session were by **Ms K P Mehta** and **Shri P J Malnika** of Electrical Engg Dept of Sardar Patel Institute of Technology, Mumbai, on "Development of Uniform Framework for Simulation, Data Acquisition and Analysis of Electronic Devices and Circuits across various Electronic Engineering Laboratories"; on "Impact of Multimedia on Physics and Electronics Education" by **Prof Z B Pathan,** Faculty from Pune College and "Reaching the Unreached – M Learning" by **Prof Pradip Jawandhiya**, HOD, Computer Engineering, Jagdambha College of Engineering & Technology, Yavatmal.

The symposium was preceded by tutorial sessions on 13th April 2012. The first session was taken up by **Prof Ram B Joshi**, MMM College of Engineering, Pune, on **'Communication Media, Networks and IT applications supporting Multimedia and Animation'**. The Post lunch Tutorial Session was taken by **Prof (Dr) Arun N Gaikwad**, MMM College of Engineering, Pune, on **'ICT Supported Educational Tools, Content Creation and Infrastructural Requirements for On-line Examination Systems'**. The tutorials received appreciation of all the participating delegates. The Symposium ended with panel discussions chaired by **Dr Prahlada**, Vice Chancellor, Defence Institute of Advanced Technology, Pune and the Panelists including **Shri R K Gupta**, President, IETE; **Shri H O Agrawal**, Vice President, IETE and Chairman, Technical Programmes Committee; **Lt Gen A K Agarwal, PVSM (Retd)**, Immt Past President, IETE; **Prof S Narayana**, Past President, IETE and **Gp Capt G M Apte, VSM (Retd),** Chairman, IETE Pune Centre. Lively discussions and question-answer session followed the views by the panelists. The vote of thanks was the proposed by Shri T V Mahadevan, Hony Secretary, IETE Pune Centre.

Glimpses of 43rd MTS-2012

IETE Industry Interactive Meet-2012 at Ambala

A panel of experts during IETE Industry Interactive Meet

Under collaborative programs, IETE held a successful & fruitful Industry-Institute Interactive Meet at IETE Ambala Sub-Centre on 19th Mar 2012. The meet coincided with the **22nd Gian Chand Memorial Lecture** and was delivered by the Chief Guest **Shri R K Gupta,** President IETE. Speaking on the occasion Shri Gupta emphasized on the need for a strong Industry- Institute Interface in India for innovation and inclusive growth of industrial production. Quoting Prime Minister, Dr Manmohan Singh, he said that India needs to be a strong manufacturing country for being a global leader in the next one decade. China had gone far ahead in innovating and producing instruments with new technologies. Ambala Cantt is the hub of micro and small enterprises and with more than 1500 industrial units working in the town, it exports 35 % of the total instrumentation and educational equipment requirements to the African, European, Middle-east and Asia-Pacific countries. The investment and efforts in R&D in the field of Ambala-made educational equipment, needed immediate upgradation. The state-of-the-art technologies and design improvements could be undertaken by the trained and experienced pool of IETE scientists and engineers for the benefit of Ambala industry. Shri Gupta said that the major industrial giants like Fluke, Hewlett Packard, Genrad, Philips and Harris and Fisher, developed new instruments with active research and innovation contributions made by the faculty members and professors at the University of Berkeley, University of Stanford, University of California, (USA); National Physical Laboratory, Teddington and the University of Nuffield (United Kingdom). He told that value-addition in a product could be achieved only through new engineering designs and technologies. The micro and small enterprises were having inadequate trained manpower because of resource constraints and the collaborations with educational and research institutions could give rise to new products at reasonable costs.

Dr Pawan Kapur, Director, Central Scientific Instruments Organization (CSIO), Chandigarh delivered the key-note address and highlighted the role of a national research laboratory in the transfer of technologies for the frontier areas of technology. He exhorted the entrepreneurs in Ambala industry to venture into the field of fibre-optics, agrionics, agri-electronics, strategic defence installation and food processing instrumentation. He said that CSIO has played a pivotal role in shaping the destiny of Ambala industry during seventies. It was high time that Ambala utilized the CSIO technology reservoir to face the Chinese technological onslaught. **Dr Anil Jain,** Chairman, IETE Ambala, Sub-Centre, invited Ambala industry for a meaningful interaction with the IETE and national research laboratories and told that IETE has taken up three projects, i.e, preparation of instruction manuals for optical instrumentation; upgradation of EPROM based Digital Calibrator to a Micro-controller-based product and organizing of a three-day technical workshop on metrology and standardization. He told that all the three projects have been launched on pilot basis and would showcase the potential of IETE-Ambala Industry strong interface. He was hopeful of their completion within a period of six months from April 2012.

The IETE honoured ten Ambala based entrepreneurs and organizations namely Shri Avinash Gupta, Shri Aman Aggarwal, Shri Charanjeet Singh, Shri Vipan Sarin, Shri J S Arya, Prof Ashok Kumar, Dr Desh Bandhu, Dr Sanjay Sharma, ERDC-IDDC and BSNL for product innovations and pioneering efforts in electronics and instrumentation. Earlier IETE President and IETE Governing Council Members were also taken for a visit to some Ambala industrial units, working in high technological areas as front edge technology driven entrepreneurs. Other dignitaries who spoke on the occasion were: **Shri P P Malhotra**, Chairman ICC; **Wg Cdr D N Misra (Retd)**, Zonal Coordinator (North); **Prof (Wg Cdr) P Prabhakar (Retd)**, Chairman I& RGC; **Shri V P Giridhar**, Chandigarh Centre; **Shri S S Solanki**, Hony Secretary Ambala Sub-Centre and **Shri P K Singhal**, Co-Chairperson, ICC.

Tutorial on "Next Generation Networks (NGN) Concepts- Technology & Applications"

A one-day tutorial on **Next Generation Network (NGN)** was organized on 15th Mar 2012 at IETE HQs. **Shri N Ravi Shankar**, Administrator, USO Fund, Dept of Telecommunications, graced the occasion as Chief Guest. Addressing the gathering he said that these networks offered immense possibilities for the consumers, service providers, telecom equipment manufacturers and the application developers, but at the same time raised challenges for the regulators and policy makers. He said it provided technical foundation for convergence and was being seen as a new opportunity for creating jobs and wealth and enhancing the quality of life both for the rich and the poor. The tutorial was presided over by **Shri R K Gupta**, President IETE. The faculty **Shri S N Gupta,** Chief Corporate Affairs, Sterlite Technologies Pvt Ltd, New Delhi, an expert on NGNs, in his presentation highlighted Emerging Developments in ICT Technologies, Introduction of All-IP NGN, Advantages of NGN, EOIP-NGN Emerging Services and Applications, Fundamental characteristics of NGN, Architecture, NGN Network Elements and Building Blocks, IP Multimedia Subsystem IMS, Next Generation Internet (IPv6), Regulatory Challenges for NGN, PSTN Evolution to NGN. Shri S N Gupta strongly favoured NGN saying that it was more about bringing new services to end-users than just Broadband access or Voice Over Packet (VOIP) though both were important technological milestones; NGN to be build on the strengths of Telephony and the Internet respective service models; NGN would take time to

Inaugural session of Tutorial on NGN Concepts

emerge; PSTN networks would likely to continue offering voice telephony services for a while; State-of-the-art PSTN solutions of today could evolve and stay part of the future NGN Ecosystem through MGs to preserve legacy investments (Co-existence) and Access modernization (Next Generation Access) was the key for the introduction of advance Converged services and new quad-play Services and Applications (data, voice, video and mobile) over the same network.

The response to the tutorial was fairly enthusiastic with lively question- answer session. A large number of delegates participated.

News From Centres

Ahmedabad

The Ahmedabad Centre celebrated **IETE Student's Day** on 1st Feb 2012 by arranging a technical visit to BISAG, EQDC, Green field and Akshardham Temple for IETE Ahmedabad students to motivate and create awareness amongst them. The Centre has also conducted series of events and activities throughout the year. The important ones include commencement of Campus recruitments for IETE students, soft skill training and special lectures, industry visits and students related functions in order to encourage them.

Amravati

- A one-day workshop on **"Research Areas and Revenue Opportunities in Electronics, Telecommunications, Computer Science Engg & IT"** was inaugurated by **Shri Kishor Darda**, Secretary, JDES Yavatmal and Chief of Lokmat, Yavatmal Distt, on 21st January 2012 at the Dept of ET of Jawaharlal Darda Institute of Engg & Technology, Yavatmal. The other dignitaries present on the occasion were: Shri Nitin Shrivastava, GM, Raymonds UCO Denim, Yavatmal; Dr S G Akojwar, Principal, DBNCOET, Yavatmal; Shri Rajesh Deote, Dist Info Officer, NIC, Yavatmal; Prof S P Lambhade, Principal, Govt Res Women's Polytechnic, Yavatmal; Prof N N Kasat, Hony Secretary, IETE Amravati Centre;

Dr Avinash Kolhatkar, Principal, JDIET, Yavatmal and Dr Sanjay Gulhane, Convener and Dean Admin. Shri Kishor Darda, in his address, talked about the significance of continuous up-gradation for the budding technocrats and appealed for their active involvement in the research and development of the society. In the technical sessions, **Dr Sudhir Akojwar** delivered an interactive expert lecture on **"Research Avenues in Wireless Sensor Networks"**. The 2nd technical session was hosted by **Shri Rajesh Deote**, who talked on **"E-Governance"**. **Prof Nilesh N Kasat** conducted the third session. The office bearers of Student's Governing Body of ISF were felicitated on the occasion.

- **IETE Students' Day** was celebrated at Prof Ram Meghe Institute of Technology & Research, Badnera, Amravati, on Feb 01, 2012 in the presence of **Dr V T Ingole**, Founder Chairman, IETE Amravati Centre and Principal PRMIT&R. He motivated the students regarding fundamental approach of learning Electronics Engineering & Life Sciences. A technical quiz was organized and a Hobby Club was inaugurated on the occasion. Others present on the Day were: Prof Ms M S Joshi, Prof Dept of ET ; Prof N N Kasat, Hony Secretary, Prof Pattalwar, Hony Treasurer IETE Amravati Centre, ISF Coordinator and ISF Executive Student Members of ISF .

Bangalore

2ⁿᵈ IETE Students' Day was celebrated at the Centre's premises. The students participated in various activities such as badminton, singing, dancing and quiz competition with lot of enthusiasm. **Dr M H Kori**, Executive Committee Member welcomed the students and read out message from Shri R K Gupta, President, IETE. The function concluded with a vote of thanks from Prof H S Bhatia, EC Member, IETE Bangalore Centre..

Burdwan

A National Conference on **"Materials, Devices and Circuits in Communication Technology-2012 (MDCCT 2012)"**, was jointly organized by the IETE Burdwan Centre and Dept of Physics, University of Burdwan, WB, on 6ᵗʰ-7ᵗʰ Feb 2012. This was the 2ⁿᵈ conference in the series dedicated to Acharya P C Ray, commemorating his 150ᵗʰ birth anniversary. There were about 62 contributed papers accepted for publication in the proceedings. The Conference was inaugurated by **Dr**

National Conference on "Materials, Devices and Circuits in Communication Technology 2012" in progress

S N Joshi, FIETE, Emeritus Scientist and Head, National Gyrotron Project, CEERI, PIlani. The session was chaired by **Prof B C Sarkar**, Dean, Faculty of Science, The University of Burdwan, Chairman IETE Burdwan Centre. Three invited talks presented were by **Dr (Mrs) U Datta**, Principal Senior Scientist, CMERI, Durgapur; **Prof A Moitra**, Head, Institute of Radiophysics & Electronics, University of Calcutta and **Prof S K Sarkar**, Head of ET, Jadhavpur University. 30 contributed papers were presented both orally & through poster presentation, in two parallel sessions. Invited talk was delivered by **Prof Mrs K Dalal**, AIIMS, New Delhi and plenary talk by **Dr A Basu**, Bangiya Vignan Parishad, on the life and works of Acharya P C Ray. It concluded with interactive valedictory session.

Coimbatore

• The Centre organized the IETE National Technical Paper Contest (NTPC - 2012) on 12ᵗʰ March, 2012. Over 100 papers were received from engineering colleges all over India. The top 9 papers were shortlisted for presentation. The winners included: **Ashok Gautam & Ram Rajesh** of Amrita Vishwa Vidyapeetham, Coimbatore, for

their paper "Alternate Method to Control window photo viewer using hand gestures"; **Dhanyashree S V** & **Dhanya Manur** of JNN College of Engineering, Shivamogga, Karnataka, for their paper "Wireless Voice Assistant for the Dumb" and **Periyasamy K B** & **Saravanan Ganesan** of Anna University of Technology, Coimbatore, for their paper "Intelligent Robotic Rest Room Cleaner". Dr T R Padmanabhan, Immediate Past Chairman of IETE Coimbatore Centre, inaugurated the event and served as Chief Judge. He also distributed certificates to the participants.

• A two-day National Workshop was organised on **"Signal Processing for Biomedical Applications"** during Jan 22 -23, 2012. **Prof K Gangadharan**, Chairman, IETE Coimbatore Centre, inaugurated the workshop. More than 100 participants were benefitted from the proceedings of the workshop.

• An other four-day National Workshop was conducted on "**Computer Vision and Image Processing Techniques**" from 21- 24 Feb, 2012. The workshop was inaugurated by **Dr Manish Shiralkar**, R&D Manager, Machine Vision division, Soliton Technologies, Bangalore. **Prof K Gangadharan**, Centre Chairman, presided over the workshop organized by Prof P N Kumar, Prof Latha Parameswaran and Dr R Karthi.

Dharwad

The Sub-Centre celebrated **2ⁿᵈ IETE Students' Day** by organizing a technical quiz on 1ˢᵗ Feb 2012. A large number of students participated and the winners announced were: **Mr Afshan Khan, Mr Yatin V Varang** and **Mr Pamod Bilagi**, respectively for the first three positions. Prof S V Viraktamath distributed prizes & certificates to winners & participants. The message of IETE President was read out by Shri G G Mane, Member Dharwad Sub-Centre. Prof S S Kerur, Chairman Sub-Centre, also addressed the gathering on the occasion.

Hyderabad

• A National Seminar cum tutorials on **"Advances in Image Processing & Remote Sensing"** was organized on 10ᵗʰ-11ᵗʰ Mar 2012. The seminar was inaugurated by the Chief Guest, **Dr Shailesh Nayak**, Secretary, Ministry of Earth Sciences, Govt of India, New Delhi. **Prof B L Deekshatulu,** Former Director, NRSC and DFIETE, delivered the keynote address. He was honoured for his significant contributions to Image Processing & Remote Sensing & for growth of these fields, during last five decades in the country. **Shri R K Gupta**, President IETE, chaired the function. The welcome address was by Dr K Lal Kishore, Chairman, IETE Hyderabad Centre. Shri DSRMN Harnatha Baba, Hony Secretary, proposed vote of thanks. An exhibition arranged on the occasion, was inaugurated by Dr K M M Rao, Former Dy Dir, NRSC. Many companies like NRSC, BSNL, participated in the exhibition.

• **IETE Students' Day** along with **National Science Day** was celebrated on 27ᵗʰ Feb, 2012. Around 50 students of DipIETE, AMIETE, ALCCS, ISF and Alumni attended the celebrations. 15 students participated in the Technical Paper Presentation Contest

and top three of them were given cash prizes. **Prof S Narayana**, Past-President, IETE, the Chief Guest and **Prof K Laxminarayana**, Chairman, SIC, IETE, and the Guest of Honour for the occasion, distributed the prizes and certificates. Shri K S Prakash Rao, Vice-President and Zonal Coordinator (South) IETE, read out the President's Message for the day. Prof K Kishan Rao, Vice-Chairman; Prof K Lal Kishore, Chairman and Prof M S Bhat, Executive Committee Member were the judges for the contest. **Dr MSY Siva Prasad**, Group Head, MEMS, RCI, delivered a technical talk on "Radar Engineering" on the occasion of National Science Day.

Imphal

- The Sub-Centre celebrated the **2nd IETE Students' Day** on 1st Feb 2012 by organising a written quiz competition for IETE students and ISF members.   About 37 students participated in the competition.   The winners adjudged were: **N Debala Devi; Th Mlemnganbi; Th Geeta Devi,** for first three positions and **S Somi Chanu** and **Md Amar Khan** won the consolation prizes.

- The **National Science Day 2012** was celebrated on 28th Feb 2012 in the august presence of **Shri T Gunendra Singh**, Scientist-D, DOEACC Centre, Imphal, the Chief Guest. **Shri N Debachandra Singh**, Chairman, IETE Imphal Sub-Centre, presided over. The keynote address was delivered by **Shri S Jugeshwor Singh**, Coordinator, IETE Imphal. A technical lecture on "**ICT in Aviation**" was delivered by Shri N Debachandra Singh, Scientist 'E' DOEACC Centre, Imphal.

Jammu

The Centre provided infrastructural support and expertise to quite a number of technical programmes during "**Sammilan 2012**" held at MIET, Kot Bhalwal, on 10th March 2012. The Samillan 2K12 was inaugurated by **Er R S Chib,** Hon'ble Minister for Consumer Affairs & Public Distribution, Technical Education & Transport. A large number of students from different institutions like JCET, MBS, MIET participated in the events. IETE members evaluated the technical paper presentations and projects, besides supervising other tehnical events. The Chairman, IETE Jammu Centre, distributed the prizes and

certificates to the students. Dr Arun K Gupta, Chairman, MIER Group and Dr Ankur, Director MIET, appreciated the efforts of IETE in providing the technical support for the events. IETE members present on the programme included: Maj Gen (Retd) S K Sharma, Prof Parveen Lehana, Er Vijay Sharma, Sh Jemini Gupta and Dr Pawanesh Abrol, Hony Secy, IETE Jammu Centre.

Kolkata

IETE Students' Day was celebrated by the Centre on the theme **"Ethics for Professional Engineers"** on 1st Feb 2012. The lecture was delivered by **Shri S C Rudra**, Former Dir (Engg) AIR& DD and Hony Secy, IETE Kolkata Centre. His talk focused on professional qualities, ethics, integrity and engineering approach. Others who spoke on the occasion were: Prof (Dr) S K Bandyopadhyay, Chairman Kolkata Centre and Shri P S Biswas, Hony Treasurer of the Centre. A quiz was conducted by the Members and first three winners were awarded.

Lucknow

The Centre celebrated **IETE Foundation Day** on the theme "**Environmental Technologies- Future of India**" on 2nd Nov 2011. **Shri Om Vir Singh**, Chairman & CGM (E) BSNL, presided over the function.

Mumbai

An International Conference on **"Advances in Computer and Communication Technology (ACCT-2012)"** was organized on 17-18 Feb, 2012 and inaugurated by the Chief Guest **Dr Abhay E Wagh** , Dy Secretary of Higher & Technical Education Department, Govt of Maharashtra. **Dr P Shekar**, CMD, Micro Technologies (India)Ltd., was the Guest of Honour. **Shri R K Gupta**, President IETE, presided over the function. Other dignitaries on the dais were : Dr A G Apte, BARC; Dr KTV Reddy, Immt Past Chairman and Governing Council Member of IETE; Dr J W Bakal, Centre Chairman, Ms Ashwini Kunte, Hony Secy; Shri Parag Walinjkar, Hony Treasurer and Shri N K Karnani, Technical Programmes Convener of the Centre.   Some other senior IETE Members present were: Dr P B Parikh, Shri S C Tiwari, Shri Kale, Prof Rathore, Shri Sikka and all EC Members and authors of the contributory papers.

A section of delegates during Samillan 2012, Kot Bhalwal

Release of Souvenir

The Chief Guest **Dr Abhay E Wagh,** talked about the developments in the field of Computer and Communication Technology and its impact on Indian economy, overall growth of the nation and its effect on the common man. **Dr P Shekar** appreciated the advancement taking place in the field and availability of latest technologies at cheaper cost making life more comfortable for a common man. **Shri R K Gupta**, President IETE, appreciated and congratulated IETE Mumbai Centre for its scintillating performance and fast development. Dr A G Apte, BARC, Dr J W Bakal, Dr K T V Reddy, also addressed on the occasion. There were six invited talks and 54 contributory papers released during the conference. There were eight sessions including two poster presentations spread over two days. The 1st Technical Session was on "**Ideas in Future Computing**", chaired by **Mr David Collados P**, Scientist from CERN, Geneva, who delivered a talk on "A Distributed Monitoring Infrastructure based on Commodity Software for the Worldwide LHC Computing Grid". It also included six contributed papers. The 2nd and 7th Technical Sessions were devoted to **poster presentations** where in 10 and 9 numbers of authors presented their papers, respectively. In the 3rd Session of "**Image Processing Techniques**", Dr G T Thampi, Principal, TSEC, Mumbai, spoke on "Engineering Systems Thinking System Traps and Opportunities" , followed by six paper presentations. The 4th Session was on "**Communication Technologies**", chaired by **Shri Umesh Chandra**, NPCIL, who delivered an interesting talk, followed by six presentations.

The second day began with the 5th session chaired by **Shri A K Chandra**, ED, (C&I), E, R&D-Es), NPIL, Mumbai, who talked on "Design of Digital I & C for safety of Nuclear Power Plants". Shri P B Walinjkar reported the session and Shri Vaibhav Kumar, BARC, delivered a talk on "Cloud Computing at BARC". There were six presentations in this session. In the next session of "**Cloud Computing & Network**", Dr U Bhonsale, Principal, RGIT, Mumbai, spoke on "Image Processing", while Shri Pradeep, NVidia, Pune, presented his talk on "Applications of Advance Computing Using GPU," followed by six contributory papers. This session was reported by Prof Kunte. The 8th session on "**Security**" witnessed the presentation on "Policing of Cyber Space and interesting Case study related to Cyber Crime Investigation". About seven authors presented their papers in the session. Best papers Awards to the winners selected from oral category and poster presentation category, were distributed by **Dr P B Parikh**, DF of IETE, Dir & Chairman of Fastech Telecommunication (I) Pvt Ltd, Mumbai and the Chief Guest of the Valedictory Session.

Mysore

The Centre in collaboration with NIE Institute of Technology, Mysore, conducted one day workshop on " **Industry Institution Collaboration through Excellence in Teaching**" on 11th Feb 2012. The faculty members from five different colleges in Mysore participated in the workshop.

Nagpur

A Vidarbha Level Project Competition – **AAVHAN**, was organized in association with MCA Dept of VMV Commerce, JMT Arts & JJP Science Collge, Nagpur, for Engineering & MCA Students on 18th Feb 2012. Dignitaries present for the occasion were: **AVM U A Deshpande, Er S P Gorowara, Dr D A Deshpande** & **Prof P D Khandait**. About 13 teams participated in the event.   The project from the team of **Sumit Shende** & **Prashant Pimpalkar**, from Govindarao Wanjari College of Engg, Nandanwan, Nagpur, on "**Dual Communication based Smart Vehicular System**" was adjudged 1st best project. Other two projects for 2nd and 3rd position were awarded to the team of **Nikhil Raghute**, **Shruti Nimje**, **Jyoti Sharma**, **Aniket Bansod** and **Ashay Khade** of KDK College of Engg, Nandanwan, Nagpur, for their project "**Multistoreyed Car Parking System System Using PLC Sensors**" and to the team from NYSS College of Engg, Nagpur, consisting of **Pranav Labhe** & **Nitin Gondule** for their project "**Oracle Editor Version- Zero**". Cash prizes and certificates were presented to the winners.

Navi Mumbai

Cynosure 2011- a National Conference on "**Communication, Antenna and Signal Processing (CASP**), was jointly organized by IETE Navi Mumbai and Dr Babasaheb Ambedkar Technological University at Lonere, Dist Raigad, during 23rd -24th Dec, 2011. **Dr Raju Mankar** VC, Dr Babasaheb Ambedkar Technological University, Lonere, inaugurated the conference. Prof V N Pawar Chairman, IETE Navi Mumbai, & Prof Dr KTV Reddy, Governing Council Member, addressed the audience. The keynote address was delivered by the Chief Guest, **Prof D S R Bhonsle**. The vote of thanks was delivered by Shri S V Khobragade, Convener of the conference. In the valedictory function Prof Dr S L Nalbalwar, HOD, Dept of ET, congratulated all the organizers for successful completion of the event. Dr M S Shah and Shri Balasubramanium, Exec Committee members, IETE Navi Mumbai, attended the conference. About 120 papers were presented by delegates in two days conference.

Rajkot

The Centre organized Technical Paper Contest & Quiz Contest to celebrate **2nd IETE Students' Day** on 1st Feb 2012. **Shri C M Devani**, Chairman, IETE Rajkot Centre, appreciated huge presence of students during the celebrations. Winners were given prizes and certificates were distributed to the participants.

Sivakasi

- The Sub-Centre organized the **1st Techno Blaze'12, lecture cum group discussion** on 12th Jan 2012. **Dr (Mrs) R Shantha Selvakumari**, Hony Secy, IETE Sivakasi Sub-Centre, presided over the function and **Dr S Tamilselvi**, Prof Dept of ECE, Kovilpati, delivered a lecture on "**Research Issues in Wireless and Optical Communication**". Dr S Arivazhagan, Chairman IETE Sivakasi Sub-Centre, proposed vote of thanks.

- **IETE Students' Day** celebrations on 1st Feb 2012 was inaugurated by **Dr S Balakrishnan,** Principal of Mepco Schlenk Engineering College. The events included a paper presentation and an innovative quiz. Out of 23 teams that participated in the Paper Presentation Competition, **Asha B Singh**, **S Barathy** from Kamaraj College Engg & Technology, Virudhunagar, won the 1st position. 2nd prize was bagged by **S Indhumathi** and **L Salome Joysly** from Kamaraj College Engg & Technology, Virudhunagar and **D Sakthi Sudha** and **M Saraswathi Sindhu,** Mepco Schlenk Engg. College, Sivakasi. In Quiz out of 32 teams, **S Lingespriya** and **G R Sheeba**, of Mepco Schlenk Engg College, Sivakasi were the winners. During the valedictory function **Dr D BalaSubramanian** Vice-Chairman of IETE Sub Centre and **Dr S Arivazhagan,** Centre Chairman, distributed the certificates to the participants and winners. **Dr D Selvathi**, Hony Treasurer, Sub-Centre proposed vote of thanks.

- A two days technical seminar on "**Recent Trends in VLSI & Embedded Systems and its Applications** was organized during Mar 16 - 17, 2012. **Shri M S Dhamodara**, Product Manager, CoreEL Technologies, Bangalore, inaugurated the technical seminar. **Dr S Balakrishnan,** Principal, Mepco Schlenk Engineering College, delivered the presidential address. The two days technical seminar had altogether four technical sessions and three Hands on Training Sessions. In Technical Sessions-I and II, **Shri M S Dhamodara,** Product Manager, CoreEL Technologies, Bangalore, explained about Current Trends in Communication, Networking, Telecom and DSP Domain, Challenges and Solutions in Image and Signal Processing Applications, Hardware Implementation of DSP & Communication algorithms, Xilinx DSP Design flow – overview of System Generator for DSP. He concluded the session with the demonstration on DSP System Modeling using Simulink & System Generator and Hardware Co-simulation using System Generator for DSP & Virtex – 5 FPGA Development Kit . The Technical Session III on the second day of the seminar was handled by **Shri Karthikeyan Mahalingam,** IDH Program Manager, Cypress Semiconductor Technology India Pvt,

Technical Seminar on Recent Trends in VLSI & Embedded Systems and its applications, in progress

Ltd Bangalore. He explained about PSoC Architecture and its Applications. Technical Session IV was on "Microcontroller based Embedded System Design" by **Dr N Senthilkumar**, Professor, EEE Department, MSEC. Shri Karthikeyan Mahalingam concluded the seminar with the Hands on Training on the configuration of simple Digital and Analog Blocks for simple applications using PSoC development board. He also delivered the valedictory address and distributed certificates to the participants. Dr D Selvathi, Hony Treasurer, IETE Sivakasi Sub-Centre, proposed vote of thanks.

Tirupati

- A national conference on "**Emerging Trends in Communications & Signal Processing Techniques (Sanketa -2012**)" was organized on 21 Jan 2012.About 77 papers were presented in the areas of Communications & Embedded Systems, Digital Signal & Image Processing. A special issue of Journal of Innovation in Electronics & Communication was brought out on the occasion. The workshop was inaugurated by Prof A Jayaraman Dir NARL, Gadanki; Prof M Ramasubba Reddy, Dept of Applied Mechanics, IIT Madras; Dr T Srinivasulu, Guru Nanak Institute of Technology, Ibrahimpatnam and Dr H S Saini, Guru Nanak Institute of Technology, Hyderabad. The invited talks were delivered as well as oral and poster presentations were organised.

- **IETE Students' Day** celebrations were held on 1st Feb 2012 in association with Dept of ECE, S V University, Tirupati. The winners of essay writing and elocution competitions held on 28th Jan 2012 were felicitated on the occasion. The Chief Guest, **Dr B Vijayalakshmi Devi**, Associate Prof , Dept of Radiology, SVIMS, Tirupati and Shri T Chengal Reddy, Deputy Chief Traffic Manager, APSRTC, Tirupati, addressed the students on the occasion.

- A workshop on "**Satellite Navigation Systems & their application to Aviation and Atmospheric Science"** was organized jointly by the Dept of Physics, SVU College of Sciences, Tirupati & IETE Titupati Centre on 30th Mar 2012. The dignitaries present on the occasion were: Shri A S Ganeshan, Project Director, SATNAV ISRO, Bangalore; Prof A D Sarma, NERTU, Osmania Univ, Hyderabad; Shri T S Ganesh, Deputy Project Director, SATNAV, ISRO, Bangalore; Dr M Venkat Ratnam, NARL, Gadanki and Dr N Dashora, NARL, Gadanki, delivered the invited talks.

Vijayawada

The Centre in association with the Dept of ECE of Vignan University, Vadlamudi, Guntur Dist, AP, organized a National Conference on "**VLSI, Signal Processing & Communications (NCVSComs)-2012"** on 10-11th Feb 2012.

IETE Students' Day Celebrations - 2012

ISFs Activities

- **ISF & ECE Association of Erode Sengunthar Engg College, Thudupathi, Chennai, Dept of ECE,** conducted a lecture on "Scopes & Present Scenario in Media Industry" by Shri P Sathishkumar, Technical Head-National, Real Image Media Pvt Ltd, Chennai, on **Aug 09, 2011**. It also conducted one-day national level technical Symposium on Sept 28, 2011 and a workshop on "Application & Software Development using LabView" on **Dec 26, 2011.** Shri M K Ezhilarasan, Proprietor, Axon Medical Devices, Chennai, delivered a guest lecture entitled "Role and Scope of Engineers in Healthcare Industry" on **Jan 23, 2012**.

- **Dept** of **ECE** at **TKM College of Engg, Kollam, Kerala,** conducted workshops on "Robotics" on **Dec 17, 2012** and "Basics of Electronics & Communications" on **Feb 04, 2012**

- A two-day national level workshop on "Microwave CAD Software HFSS for Microstrip Antenna Design" was conducted on **Jan 05-06, 2012** by **ECE Dept** & **ISF** of **Shri Angalamman College of Engg & Technology, Tiruchirappali**. The Chief Guest on the occasion was Prof (Dr) S Raghavan, ECE Dept National Institute of Technology, Trichy. Prof S Suganthi, ISF Coordinator & Shri R Rajadurai, Senior Application Engineer, Innovent Engg Solutions Pvt Ltd, Bangalore, were other dignitaries to deliver talks on the occasion. Another one-day national level conference on "Microwave integrated Circuits and Metamaterials" Sacet, Trichy, was jointly held by **ECE Dept & ISF** on **Mar 10, 2012.** The forum also organized "Telefest'12" on **Mar 13, 2012** with Shri N Sivathiruvalan, Software Engr, Wipro Technologies, Bangalore, as the Chief Guest.

- **ISF** at **Sri Guru Institute of Technology**, **Coimbatore**, was inaugurated by Asst Prof Prashant R Nair, Hony Treasurer of IETE Coimbatore Centre, on **Jan 20, 2012**. The function was presided by the College Principal, Dr N Anbuchezhian.

- **ISF** at **ECE Dept of Guntur Engineering College, Guntur**, celebrated the 2nd IETE Students' Day on **Feb 01, 2012**. A seminar was organized on "Applications of DSP in Broadcasting" by Er P Kalee Prasad, Sr Engineer, Doordarshan, Past Vice Chairman, IETE Vijayawada Centre.

- **ISF** of **Dr Sivanthi Aditanar College of Engg, Tiruchendur**, conducted a workshop on "Embedded Systems & Cloud Computing" on **Feb 02, 2012** for ISF members. Er RE Rajarajan, Director, Bluetronics Inc, Chennai, handled the session.

- **ISF** at **Dept of ECE, M P Nachimuthu M Jaganathan Engineering College, Chennimalai, Erode**, conducted a national level technical symposium and project exhibition ELECTRO EXPO'2K12 on **Feb 03-04, 2012**. The Chief Guest on the occasion was Dr Kavidasan, Dir HR, Roots India, Coimbatore. It also conducted a national level conference

SACS'12 on **Mar 20, 2012.** The Chief Guest on the occasion was Dr R S D Wahida, Principal, Govt College of Engg, Salem and an Association Valedictory function was held on **Mar 31, 2012.**

- **ISF** at **KDK College of Engineering, Nagpur** held a national level technical fest "Electro-Cemics-2012" on **Feb 03-05, 2012**. The fest included various technical & non-technical competitions.

- **ISF** of **Arasan Ganesan Polytechnic College , Sivakasi,** celebrated IETE Students' Day on the topics like 'E-Waste Management in India'; 'ICT for Rural Development' and 'Green Electronics' and a quiz competition on " Basic Electronics" on **Feb 06, 2012**. Shri S Selva Nithyananthan, Asst Prof, ECE Mepco Schlenk Engg College, Sivakasi, was the Chief Guest in the valedictory session.

- Two days workshop on DSP was organized on **Feb 9-10, 2012** by **ISF Chitkara University, Baddi, HP.** Dr Amod Kumar, an eminent Chief Scientist, delivered the lecture.

- **ISF** at **Dept of ECE of K S Rangasamy College of Technology, Tiruchengode, Tamilnadu**, conducted a national level technical symposium COMµNIX'12 on **Feb 10, 2012**. The event consisted of paper presentation, project presentation, code debugging etc and other events like gambling, LAN Gaming and Treasure hunt. Prizes and certificates were awarded to the winners & participants for their performances. The ISF also conducted an Embedded Workshop "Maximus" on **Feb 09-10, 2012** by Shri J Tamizharasan, Business Analyst, Wipro Technologies, Bengaluru. A Guest Lecture on "VLSI Design" by Shri T V Anantharaj, Staff Design Engr, SandiskIndia, Bangalore, was conducted on **Jan 20, 2012.**

- **ISF** at **Shanthi Charitable Trust Institute of Technology, Bangalore,** was inaugurated on **Feb 15, 2012.** Wg Cdr H R Parthasarthy**,** Chairman Bangalore Centre; Dr M H Kori, and Dr Sohan Gupta spoke on the occasion.

- **ISF** of **GGTIM, Bhopal, MP,** organized a guest lecture on "Industrial Automation" by Shri Nikhil Kaushik, Director, AI Automation Pvt Ltd, Bhopal, on **Feb 17, 2012.**

- **ISF** at **Chitkara Institute of Engineering & Technology, Chitkara University, Chandigarh**, organized a talk on "Embedded Systems & Digital Signal Processing" on **Feb 22, 2012**.

- **ISF** of **Babaria Institute of Technology, Varnama,** conducted a workshop on "Identifying the Components"on **Feb 22, 2012.**

- **ISF** of **East West Institute of Technology, Bangalore**, organized a lecture cum presentation on "Power Semiconductor Devices- Manufacturing Practices and

Applications by Dr Saji Salkalachen, AGM, Semiconductor and Photovoltaic's Div. BHEL, Bangalore, on **Feb 22, 2012.** The program was presided over by Dr K Channakeshavulu, Prof Nagraj Rao, HoD ECE, and Dr Pranesh, Prof Emeritus and Advisor, EWIT.

- **ISF** of **Mepco Schlenk Engg College, Sivakasi**, conducted a Guest Lecture on "Image Processing Applications" by Dr R Balasubramanian, Asst Prof, Dept of Mathematics, IIT Roorkee, on **Feb 23, 2012.** A guest lecture on "Memristor and Quantum Gates" by Mrs K Manimhalai, Physics Dept, Sri Parasakthi College for Women, Coutrallam**,** was conducted on **Mar 22, 2012.**

- **ISF** of **Sri Ramakrishna Institute of Technology, Coimbatore,** conducted a quiz competition for ECE students on **Feb 25, 2012** by Shri Pon Rathnavel and Shri M Vignesh , Coimbatore.

- **ISF** at **DharmSinh Desai University, Nadiad, Ahmedabad,** organized a lecture on "Application Development on Mobile Phone (Android)" by Shri Rohan Joshi, Helios Solutions, Baroda, on **Feb 25, 2012.**

- **ISF** of **Indo Global College of Engg, Abhipur (Mohali)** visited CSIO, Chandigarh, on **Feb 28, 2012** on the occasion of National Science Day for the benefit of student members and also organized a one- day technical paper presentation contest and technical seminar chaired by Shri N S Mehla ,Vice-Chairman IETE, Chandigarh, Ex-Scientist and Addl. Director Photonics Division ,CSIO, Chandigarh, on **Mar 22, 2012** at IGCE , Abhipur (Mohali).

- A one-day workshop on "NS3 Simulator for Future Generation Wireless Networks" was conducted at **ISF Narasu's Sarathy Instituite of Technology, Salem,** by Dept of ECE on **Mar 03, 2012**. Dr R Gunasekharan, Asst Prof, Dept of Comp Tech, Anna University, Chennai, was the resource person.

- **ISF** at **Mahendra Engineering Collge, Mahendhirapuri,** **Namakkal**, was inaugurated by Prof Prashant R Nair, Hony Secy, IETE Coimbatore Centre, on **Mar 03, 2012.**

- Prof Prashant R Nair, Hony Secy, IETE Coimbatore Centre, inaugurated an **ISF** at **Dept of ECE at Engineering of Adithya Institute of Technology, Coimbatore**, on **Mar 05, 2012**.

- The 2nd National Conference "Electro Communique' Eludo 12" was organized by Dept of ECE associated with **Ranganathan Engineering College, Coimbatore** and inaugurated by Ms Suganya Subburaj, Group Manager, Robert Bosch, Coimbatore, on **Mar 07, 2012**. Dr J Amos Robert Jayachandran, Principal REC, presided over the function.

- **ISF** at **PSR Rengasamy College of Engineering for Women, Sivakasi,** in association with ECE, EEE, CSC and IT Depts, organized a national level conference on "NCRTE2C2T-2K12" on **Mar 16-17, 2012**.

- The **ISF** at **Dept of ECE, Aarupadai Veedu Institute of Technology, Vinayaka Missions University**, **Chennai,** organized the 5th National Conference on "VLSI Embedded Systems, Signal Processing and Communication Technologies", on **Mar 21-22, 2012**. Shri A K Dixit, Additional DG, (Engg), South Zone, AIR & Doordarshan, Chennai, was the Chief Guest.

- **ISF** at **Karunya University, Coimbatore,** was inaugurated by Asst Prof Prashant R Nair, Hony Treasurer of IETE Coimbatore Centre, on **Mar 30, 2012**. It was presided over by the Vice-Chancellor of Karunya University, Dr Paul P Appasamy.

- **ISF** at **Dept of E&TC of MAEER's MIT College of Engineering, Pune,** was inaugurated by Capt G M Apte, VSM (Retd) on **Apr 05, 2012**. Other eminent personalities present were: Prof V V Shete, HoD, E&TC, MITCOE, Pune; Prof (Dr) V M Wadhai, Principal, MITCOE, Pune and Shri R V Datar, Ex-CGM, BSNL.

Obituary

We deeply regret to inform you the sad demise of our following IETE Corporate Members. They had been associated with IETE for quite a long time. IETE hereby expresses sincere & heartfelt condolences to the grieving families on their irreparable loss.

Shri B Parameswaran (F020022) , Chairman Kochi Centre, breathed his last on 30th April, 2012. He was instrumental in the formation of IETE Kochi Centre and contributed immensely for its growth.

Prof Satish Mallick (F027466L), a former Professor at IIT Kanpur, passed away on Feb 15, 2012 at Bangalore, due to heart complications.

Shri P Mukundan (F032771), a senior Fellow member of IETE Palakkad Centre, passed away on Feb 22, 2012. He was ninety-four years old. He was an active member right from the time of formation of the Sub-Centre.

Prof (Dr) Gurram Ravindra Babu (F016742), senior Fellow member of IETE Hyderabad Centre, passed away on 22nd April 2012.

Organizational Members Activities

IETE Noida Centre jointly with Dept of Computer Applications, **Ajay Kumar Garg Engineering College, Ghaziabad**, organized a National Conference on "**Development of Reliable Information Systems, Techniques and Related Issues" (DRISTI) 2012** on 16 and 17 March 2012 at AKGEC, Ghaziabad. The conference aimed to provide a platform for academicians, research scholars and users to deliberate ongoing research activities on four major important issues: System Reliability, System Security, Data Management System and Advance Computing & Applications. While the keynote address was delivered by **Brig Sunil Agarwal**, DDG Telecom, Army Headquarters, the inaugural function was presided by **Shri R K Gupta**, President IETE and **Prof R S Nirjar**, Founder VC Gautam Buddha University, Greater Noida. **Prof N C Chaudhary**, Dean R&D, IIT Indore, was the invited speaker on the subject. Dr R K Agarwal, Director of the college

Shri R K Gupta, President IETE, addressing the audience

introduced the theme of the conference and Prof (Col) S L Kapoor proposed the vote of thanks. The Conference provided an unique opportunity for promoting paper writing and presentation skills among BTech and MCA students by providing dedicated 3 hours slot on 17 March 2012. Best students papers were awarded cash award of Rs 12000/.
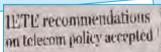
Welcome New Organizational Members

❖ **Assam Professional Academy (APA), Guwahati,** an ISO 9001:2008 certified and national & regional award winning organization, established under S R Act of 1860 with a view to provide and promote professional education in the field of Information Technology, Electronics and Telecommunication, Software and Hardware, Management Science. It conducts various professional job oriented courses/training programs/appraisal of project in various fields. It has an experienced pool of permanent faculty members along with visiting experts drawn from various industries/organizations. APA with its good infrastructure, delivers training and education to the satisfaction of the students of various disciplines. APA has successfully conducted a number of training programs and projects for various industries, corporate organizations under Govt of Assam/Govt of India departments like- Char areas Dept Assam, Board of Wakfs under Assam Govt, Assam Minority Board, Govt of Fishery Dept etc. Many of such programmes are tailor made to suit the requirement and purpose of Govt aided initiatives.

❖ **Chhatrapati Shivaji Institute of Technology (CSIT), Durg,** is an AICTE recognized ISO 9001: 2008 certified & NBA Accredited Institute, affiliated to Chhattisgarh Swami Vivekanand Technical University, Bhilai. It is a premier Center for Excellence established in 1999. The total intake capacity of the Institute is 774 students, with three post graduate engeneering courses (Electronics & Telecommunication, Computer Science & Mechanical) and seven undergraduate engg courses (Computer Science, Electronics & Telecommunication, Mechanical, Electrical & Electronics, Electronics & Instrumentation, Information Technology and Mechatronics). The Institute is located on Durg Balod, Dalli Rajhara Road at Shivaji. The campus is spread over 33 acres of land in eco friendly and lush green environment. It has Institutional Membership of CII and Institutional & Student Membership of ISTE.

❖ **Reliance Communication Limited (RCOM), Navi Mumbai,** is India's largest integrated communications service provider in the private sector with over 150 million individual, enterprise and carrier customers. RCOM operates pan-India across the full spectrum of wireless, wireline, long distance, voice, data, video and internet communication services. It also has an extensive international presence in the form of long distance voice, data and internet services and global submarine cable network infrastructure. The Network group handles design, deployment, monitoring and maintenance of the overall RCOM telecom network. The Network Learning Center (NLC), an ISO 9001:2008 certified entity, provides state-of-the-art learning solutions in technical & functional domains to RCOM technical professionals. NLC developed learning methodologies – 3Ts Blended Learning Model, Accelerated Learning Solution Framework (ALS) and Distance Learning Methodology provide a holistic learning environment to a wide spectrum of professionals. NLC has been awarded the Golden Peacock National Training Award, STAR News HR & Leadership Award and IPE HR Leadership Awards for Excellence in Training for the year 2011-12.

Press Clippings....

संगणकीकृत 'ऑफलाइन' परीक्षा फायदेशीर

सीडैक'चे महासंचालक डॉ. रजत मूना यांचे मत

जीఈసీలో ఐఈటీఈ స్టూడెంట్స్ డే

विदेशी इंजीनियरों से बेहतर हैं भारतीय इंजीनियर

सूचना प्रौद्योगिकी पर एनआईईसी में नेशनल कॉन्फ्रेंस

अब और सक्षम होगा अम्बाला साइंस उद्योग

जीఈసీ విద్యార్థులకు ద్వితీయస్థానం

IETE recommendations on telecom policy accepted

आईईटीई की हुई उद्योग जगत के साथ कार्यशाला

उद्यमियों ने सांझा किए विचार

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