

FROM PRESIDENT'S DESK



I extend my warm greetings to all newly elected Governing Council Members and members of the newly elected Executive Committees of all IETE Centres / Sub-Centres. My greetings to all those also who successfully conducted the election process. I take this opportunity to welcome you all and share your experience for further improvement in the performance of IETE Centres / Sub-Centres of our great Institution which has been progressing and achieving new heights year by year.

IETE, which is now in the 59th year of its existence, has established itself as an Institution of Eminence through sheer dedication, commitment and diligence of our members. On completion of my two years' tenure as President IETE, I shall hand over the charge to my successor Dr Surendra Pal during next couple of weeks. Dr Pal is a veteran IETEian who has a long association with IETE in various capacities. These two years have given me new and satisfying experience. We have focused on all aspects concerning the growth of our Institution by giving top priority to provide better facilities to students, developing infrastructure, enhancing the quality of educational programmes and starting a number of new activities. For IETE students' fraternity, examination system has been improved; e-transmission of question papers has been introduced and results have been declared much ahead of the scheduled date. In Delhi Centre, new lift, renovated canteen & conference hall facilities have been provided. 2nd floor of Palakkad Centre has been built. Renovation/addition of infrastructure facilities at various other Centres speaks volumes about our commitment to students and infrastructure expansion of IETE. New Sub-Centres at Kakinada, Kozikode, Surat, Ambala, Jalandhar, Amity University, Noida and Kolhapur have been opened. Palakkad and Warangal Sub-Centres have been upgraded to Centres. During the year 2011, the IETE Convocation Ceremony witnessed largest-ever number of students taking part in the event.

New activities of uploading lectures on YouTube, scrolling of IETE Advertisements on select DD Channels and publicity promotions through electronic media in local languages have been taken up. To keep our Students and Corporate & Organizational Members updated about the activities & news of IETE, scrolling of information on IETE Website has also been started. We have enhanced the M. Tech. Stipend amount from Rs 8000/- to Rs 10000/- and increased the number of Stipend from 2 to 4 from the year 2011 to encourage IETE pass-outs to pursue higher studies. This initiative has not only increased healthy competition among students but also provided them enhanced monetary assistance. Another important initiative taken for students was observing the IETE Students' Day on February 1st every year. This day is now celebrated by students with great fervor and enthusiasm at all Centres/ Sub-Centres. I always believe that our socialistic and professional approach to spread higher technical education will certainly help us to provide quality education at affordable cost. The IETE HQ building has been renovated and the 3rd floor has been made operational with ergonomic facilities for staff and officers. I am glad to inform that SIRO recognition of IETE has been renewed in 2012 for another three years i.e. upto 31 March 2015.

During these two years, there has been a significant increase in the enrolment of Students' Forums and Organizational Membership of IETE. To harness the vast knowledge and experience of our Governing Council Members, functioning of earlier Task Forces was broadened by upgrading them to Committees namely Media & Publicity Committee (M&PC) and Skill Development, Training and Placement Committee (SDT&PC).

On-line voting, marked increase in IETE Alumni membership, renewal of MOU with IGNOU & IET UK, live webcasting of Technical Programmes and Industry-Institute Interaction are some other new activities which have been started/taken up during the last two years.

Our Institution is going to celebrate its Diamond Jubilee Year, thereby marking the successful completion of 60 years of its service to the Nation. Let us reiterate our commitment to work with firm determination and dedication to deliver much better services to students and the society.

The sad demise of Shri S M Agarwal, Dr R P Shenoy, Maj Gen K B Jhaldiyal, AVSM (Retd) and Shri A Ganesan is a great loss to IETE. They will always be remembered by IETE fraternity for their dynamic role in promoting the cause of our Institution.

I take this opportunity to convey my heartfelt and sincere thanks to all IETE Members and Staff for giving me unstinted support during my two years' tenure as President IETE. I wish all the best to IETE.

JAI HIND


(R K GUPTA)

CONTENTS

From President's Desk	1
IETE Honorary Fellow (2011-12)	2
Newly Elected IETE Governing Council Members	2
Inauguration of IETE Sub-Centre at Amity University, Noida	5
IETE Apex Forum	6
News From Centres	7
ISF Activities	10
New Organisational Members	10
IETE Annual Awards-2012	11
Notice for IETE AGM&SGM	13-15
Newly Elected Office Bearers of IETE Centres/Sub-Centres (2012-14)	16



IETE HQs, New Delhi



सह वीर्य करवावहे

IETE Honorary Fellow (2011-12)



from Osmania University.

Padmashri Dr Vijay Kumar Saraswat, is SA to RM, Secretary, Defence R&D and DG DRDO. He started his career in DRDO in 1972 with development of India's first Liquid Propulsion Engine. An MTech from Indian Institute of Science (IISc) Bangalore, he obtained Doctorate in Propulsion Engineering

ballistic missile systems, radars & C4I systems. Dr Saraswat is Fellow of National Academy of Engineering, Aeronautical Society of India, Astronautical Society of India, and Institution of Engineers. He is a member of Governing Council of SAMEER and member of Board of Research of AICTE, CSIR labs, and Board of Studies of Osmania University.

Dr Saraswat is the recipient of DRDO Scientist of the Year Award - 1987, National Aeronautical Prize - 1993; DRDO Technology Transfer Award - 1996 and Performance Excellence Award - 1999. For his outstanding contributions, he has been conferred with Padmashri in 1998.

IETE is proud to have **Dr V K Saraswat** on its roll of honour and congratulates him.

Dr V K Saraswat, also holds the additional charge as Chairman, RAC. As Project Director, he steered the design, development, production and induction of first indigenous surface-to-surface missile system *Prithvi* into the Armed Forces. Under his able leadership, India has embarked on a challenging futuristic Air Defence Programme encompassing development of complex anti-

Newly Elected IETE Governing Council Members (2012-15)

(IETE congratulates newly elected Governing Council Members)



Prof(Dr) M Basavaraj (DF138567L) is an E&CE graduate from Osmania University, Hyderabad; Post Graduate from IIT, Roorkee & Doctorate from Arizona (USA). He has served KE Board as PLCC Engineer & PDACE Gulbarga as Prof and Head, Power Electronics. He has also served REC Bhalki, GU, KU, Sirdisal Institute and SLN Engineering College in various capacities. He remained Council Member of ISTE for 5 terms, Vice President 2003-2006 and Chairman, ISTE (KAR) 2009-11. He is founder Chairman of IETE Gulbarga Sub-Centre and Council Member 2007, 2009-11. Recently he has been elected as Distinguished Fellow of IETE.



Shri C K Haridas (F005141L) graduated from Govt Victoria College & started his career with Department of Telecom as Engineering Supervisor Telecom in 1962 & passed Grad. ITE in 1967. He became Fellow Member of IETE in 1990. He has 39 years of excellent service in DOT in various capacities in Kerala. He was responsible for making Lakshadweep Secondary Switching Area in India as the first SSA. As founder Chairman, he was instrumental for establishing IETE Palakkad Centre. His Centre bagged two best Sub-Centre Awards within six years.



Shri Harsh Vardhan (F039016L) Formerly IBES & retired Chief Engineer, Doordarshan, he is a Post Graduate in Electronics and Telecommunication Engineering. He has made significant contribution to the growth of terrestrial and satellite television service in India. He is recipient of Bhartendu Harish Chandra Award for his Book on Radio Broadcast Technology from Ministry of I&B. As Chairman IETE Delhi Centre, he initiated programmes which propelled Centre's spectacular growth. He had also served for one term as Member of IETE Governing Council. He is a Fellow Member of IE&BES (India).



Prof (Col) S L Kapoor (F119778L) an alumni of IIT(K), has served as Faculty at Military Engineering College and Director, Plan Aren, Army Headquarters. As Chairman, IETE Noida Centre, he took initiatives to establish Electronics and Computer Labs, facilitating students to take tests at Centre, thereby creating source of regular revenue. As Ex-officio Council Member, he helped Varanasi and Hyderabad Centres to resolve their problems and was instrumental in enhancing yearly grants to all IETE Centres. Presently he is serving as HoD of Computer Applications, AKGEC, Ghaziabad.



Dr Pawan Kapur (F055895L), Director, Central Scientific Instruments Organisation (CSIO) Chandigarh, is M Tech and PhD from the Institute of Radio Physics & Electronics, University of Calcutta. Dr Kapur has been instrumental in restructuring R&D structure of CSIO and has guided various prestigious projects. He is a recipient of several prestigious awards. He is a member of various professional societies also. His main areas of research has been Sensors & Systems for pre-harvest & post-harvest instrumentation, Intelligent Machines, for quality estimation; Food Safety; Advanced Signal Processing & Electronic Perception Analysis.



Dr M H Kori (F116028L) is an independent Technology Consultant and PhD from IIT Bombay. He has more than 35 years experience in Telecom & IT. He was Head of Wireless Communication Division at C-DOT, Head of Telecom & Networking SBU at DSQ Software and Technical Director at Alcatel-Lucent Technologies India & Technology Advisor to Validus Technologies USA. He was Conference Convener of several conferences & seminars. He was the Organizing Committee Chairman of IRSI (India). He is the past Chairman of IETE Bangalore Centre (1998-2000). IETE Bangalore Centre has received the Best Centre Award for two years under his Chairmanship. He was Chairman of IRSI Organizing Committee also.



Shri P S Sundaram (F068730L) is a post-graduate in Engineering from IIT, Madras with 39 years of experience in the Electronic Media. He had also served AIR & Doordarshan. Served Broadcast Engineering Consultants India Ltd. as the founder Director and the first CMD. As Director and CEO of Intelivision Limited, he conceptualized, evolved strategy, implemented and launched SPLASH – the Satellite Television Channel exclusively for school going children. Shri P S Sundaram is the Managing Director of Technomedia Solutions Pvt Ltd which undertakes Consultancy and turn-key jobs in the fields of convergent technologies and IT enabled solutions.

Casual Vacancy (2012-13)



Dr Nayanathara K Sattiraju (F113854L) obtained her BE and ME from the College of Engineering, Osmania University and PhD from NIT, Warangal. She was the Principal of SKTRM College of Engineering for ten years prior to joining CVR College of Engineering as Professor and Head of ECE. A recipient of the CMC gold medal, she has, to her credit a number of papers in national and international journals and conferences. A senior member of the IEEE, she was part of a team of IUCEE that toured universities of the USA in 2008. Her areas of interest are Microwave Devices and Circuits.

EX-Officio IETE Governing Council Members for the year (2012-14)

(IETE congratulates newly elected Chairpersons of top ten Centres)



Prof S C Anand (F111049L) Having served in the Army and the Central Government organizations for 42 years, Prof S C Anand retired in the rank of Brigadier in 2008. He commenced his second career in academia as a Professor in Inderprastha Engineering College, Ghaziabad in 2009. He has specialized in Communication Systems and is the Head of the Department and Proctor of the college.



Wg Cdr K C Bhardwaj (Retd) (F048493L) is MSc (Electronics), ALCCS, FIETE, Grad IETE(UK), AMIE, MIMA. He has twenty-nine years experience in AF Telecommunication and Radar System. He had also served at Radar & Communication Project Office for development of new system techniques for Air Force.

Associated with IETE for more than twenty-eight years, he served for six years as EC member & Vice-Chairman, Hony. Treasurer and Chairman of IETE Delhi Centre. Was member of EC & Chairman, when Delhi Centre was awarded the Best Centre awards during 2006-07 & 2009-10 respectively.



Col (Retd) K S Chakravarthi (F052203L) a Soldier Engineer, has a Master degree in Business Administration, PG Diploma in Computer Applications and Production Management, and ISO 9000 Lead Auditor certificate holder of INTEC (UK).

During his career in Army, he served as Workshop Officer, Calibration Centre for Electronics Test Equipments, DGM (Workshop services Group) OIC Production Planning and Control, Instructor Class A Military

College of Electronics and Mechanical Engineering, Deputy Chief Quality Control Engineer & Production Engineer. He is a Corporate Member of IETE for the past 27 years and at present Chairman of Chennai Centre.



Dr C Ghanshyam (F048101L) is currently working as Chief Scientist/ Scientist G, DU-1, CSIR- CSIO, Chandigarh. He was a DAAD Fellow from June 1988-March 1990 at University of Kassel, Germany, UNDP Fellow from October 1991-December 1991, Turku, Finland. He is Project Investigator, CSIR-Network Project, Sensor Project and Project Investigator- DST. He is associated with IETE Chandigarh Centre for more than two decades.



Dr R P Gupta (F158612L) is PhD, ME & MBA. He has 37 years of experience in Industrial Research & Development; Production; Quality Management; ISO Certification in Indian Telephone Industries and Optel Communications Ltd, Bhopal. Since 2003, he is associated with Engineering Colleges in the capacity of Principal/ Director in BITS, Globus Engg College, RGPM, Surabhi College of Engineering and Scope College Bhopal. Presently he is life member of nine societies. His area of interests are Satellite Communication, Nanotechnology and book writing.



Shri D Rajagopal (F046336L) joined the Indian Army, in 1966. Did Advanced Electronics & System Engineering Course and stood First in Order of Merit in the Foreman of Signals course, (1979), both from MCTE, Mhow. Did Post Diploma in Computer Engineering from Board of Technical Education, Karnataka and Graduated from IETE in 1986. After retirement, joined LRDE as Asst Foreman. and became 'Scientist B'. He has been associated with IETE Bangalore Centre since 1985 and served the Centre in various capacities. He is also Organising Secretary (IRSI) (83) India.



Shri Subbireddy Kovvuri (F043449L) Started career with M/s APSEB as Junior Engineer and after serving for 35 years retired as Chief Engineer. He was responsible for the development of super communications highway of 2000 KM of Fibre Optics Network. Presently, he is the Managing Director of M/s Prestine Plastek (P) Ltd and on the Board of Directors of M/s Snehal Powertel Solutions (P) Ltd., Hyderabad. He is associated with IETE for more than 35 years

as EC member (2006 - 2008), as Hony Treasurer (2008-2010) and as Co-opted Member (2010-2012) of IETE Hyderabad Centre. He is Fellow of IE(India) also.



Prof (Ms) Ashwini Kunte (F146516L) received master's degree in E&T Engineering from Government Engineering College, Aurangabad and is working as HoD Electronics and Telecom-munication at Thadomal Shahni Engineering College Mumbai. Associated with IETE Mumbai Centre since 2001, she has served the Centre as Exec Member during 2003-2004 & 2004-2006 and as Hony Treasurer during 2006-2008 and as Hony Secretary in 2010. As member of core group. She has helped to increase visibility of IETE Mumbai Centre by conducting conferences, seminars, workshops, guidance classes and lab sessions.



Shri S C Rudra (F123893L) is the Director with M/S Syntel Consultancy Pvt Ltd & Council Member of IE(I), FIE, Registered Govt. Valuer, Member Advisory Board, Pailan Engineering & Technology, Kolkata and Retd. Director. Engineering AIR & DD. Former Chairman of E.T. Eng. Divisional Board IE(I), he is Life Member Computer Society and Member Engineering Council of India.



Prof Shreenivas R Jog (F174692L) is Professor and HOD (E&TC) at Dr D Y Patil Institute of Engineering & Technology, Pimpri, Pune. He has done B.E (E & TC) and M E (E & TC with Microwave), from College of Engineering Pune. He has a total of 23 years experience in R&D and teaching. He has published 38 papers in National/International Conferences/ Journals. He has worked as a Symposium Chair for IETE National Symposium on ICT in Education held in April 2012 at Pune. He is Fellow of IETE and Chairman of IETE, Pune Centre and also a Member of IE and ISTE.

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.

News From Headquarters

Inauguration of IETE Sub-Centre at Amity University, Noida

IETE Sub-Centre at Amity University, Noida was inaugurated on 20 Jul 2012 by **Dr Ashok K Chauhan**, Founder President, RBEF with **Shri R K Gupta**, President IETE who presided over the function. Others who shared the dais were: **Lt Gen P D Bhargava**, Dy Vice Chancellor-AUUP & Director General-AITM; **Brig (Retd) S C Anand**, Chairman IETE Noida Centre; **Dr Surendra Pal**, President-Elect, IETE; **Dr (Mrs.) Balvinder Shukla**, Acting Vice Chancellor-AUUP; **Maj Gen K J Singh**, Group Vice Chancellor-AUUP and **Prof R K Kapur**, HoD, B Tech (E&T)-AUUP. The function started with invocation and lighting of the ceremonial lamp.



Dignitaries lighting the inaugural lamp

Lt Gen P D Bhargava delivered the Welcome address and said that the successful functioning of the existing ISF & PAC has led to the opening of IETE Sub-Centre at the Amity University. Foreseeing the opening of IETE Sub-Centres at other Amity University locations, he concluded his address with the hope that IETE would share its resources with Sub-Centre also.

Brig (Retd) S C Anand highlighted the activities of IETE and emphasized that opening of the Sub-Centre at the Amity University was a major step for the benefit of students and faculty in terms of professional development, publishing of technical papers and undertaking research projects.

In his address, **Dr Surendra Pal** said that IETE had educationists, scientists and administrators as Honorary /Distinguished Fellows and over the years, IETE had established itself as a premier institution. He opined that fields other than electronics & IT should also be considered for offering ISF membership and hoped that this arrangement could be initiated from Amity University itself.

Dr Balvinder Shukla highlighted the working culture of the Amity University and the dedication & commitment of faculty and other staff members to work. She said that with the opening of the Sub-Centre, more industry support would be made available to our students & the faculty.



Dignitaries on the dais during the inauguration ceremony

Citing Amity University as the first university in India to start formal programmes, **Maj Gen K J Singh** said that the vision of Founder President was fulfilled. Maj Gen Singh, who was Associate Member of IETE in 1959, said that IETE being a vibrant Institution could play a vital role in providing professional guidance to students.

In his address, **Shri R K Gupta**, President IETE said that it was indeed a great day in the history of IETE that a Sub-Centre was being opened in a very prestigious and internationally renowned Amity University. Stressing on the increase in Industry-Institute interaction, he said that IETE took initiatives in this regard through its Industrial Coordination Committee. He expressed hope that this Sub-Centre would fulfill its objectives and would emerge as one of the most prestigious centres of IETE. He said that **Dr Chauhan** had spread education in India and abroad with a mission to take India to new heights and to make it global economic superpower. Elaborating his discussions with the Prime Minister of Singapore, **Shri Gupta** said that by providing education, we could eradicate all types of problems. He concluded his address with the assurance of support to **Prof R K Kapur**, the first Chairman of the IETE Amity University Centre. Formal inauguration of the IETE Amity University Centre was done by **Dr Ashok K Chauhan**, Founder President, RBEF and **Shri R K Gupta**, President IETE.

Dr Ashok K Chauhan, Founder President, RBEF highlighted the distinguished achievements of Honorary Fellows and Distinguished Fellow of IETE and said that success in life could be achieved through 80% of persuasion. He said that opening of the Sub-Centre at the Amity University had become possible only by the persuasive approach of **Shri R K Gupta**, President, IETE. He urged the students and the faculty members to get maximum benefits of resources available with IETE through the Sub-Centre.

The function ended with the presentation of Citations/mementos to dignitaries and a vote of thanks given by **Prof R K Kapur**, HoD, B Tech (E&T), Amity University.

Apex Forum on “Cloud Computing In India-The Road Ahead”

IETE Apex Forum (2011-12) on “Cloud Computing in India – The Road Ahead” was held on 03 Jul 2012 at IETE HQs, New Delhi. **Prof K K Aggarwal**, Chancellor, Lingaya’s University, Faridabad graced the occasion as the Chief Guest and **Dr Sorav Bansal**, Prof Department of CS & E, IIT Delhi delivered the keynote address. Other dignitaries on the dais were: **Shri R K Gupta**, President IETE; **Shri P P Malhotra**, Chairman ICC and **Shri P K Singhal**, Co-Chairman ICC. The expert panelists included: **Shri J M Suri**, DDG (I), TEC; **Shri T R Dua**, Vice President, GISF; **Shri Vikram Bhatia**, Microsoft India; **Shri Rajiv Saxena**, NIIT Technologies Ltd and **Shri Vivek Bhugra**, CA Technologies Limited. The Technical Session was moderated by **Shri A Robert J Ravi**, Advisor (QoS), TRAI.



The Chief Guest receiving memento from President IETE

Shri P P Malhotra, Chairman, Industrial Coordination Committee delivered the welcome address. Giving an overview of the Apex Forum, he said that cloud computing had brought a paradigm shift in data management. He cautioned that security, privacy of data, interoperability, regulatory & legal framework etc were some of the major concerns. He hoped that the participation of professionals and expert panelists would result in finding out appropriate solutions to these issues and bring out pragmatic recommendations.

Dr Sorav Bansal, IIT Delhi, delivered the keynote address on ‘Cloud Computing and Virtualization. Referring to the earlier used computer mainframes, he said that the technology had changed in terms of connectivity, mainframe cost, device variety etc. **Dr Bansal** discussed about the ‘Virtual Machine Monitor’ and emphasized on the research activities being undertaken at IIT Delhi.

In his address **Shri R K Gupta**, President IETE, highlighted the importance of cloud computing and said that keeping in view the developments being taking place throughout the world on cloud

computing, this topic had been chosen for the Apex Forum. He said that security, privacy, standards, legal framework etc were some of the issues which needed to be addressed. He discussed IETE initiatives in skill development and e-learning and emphasized that there should be a convergence of formal and non-formal education. He announced the opening of an IETE Sub-Centre at Amity University. He said that IETE network was expanding and new Centres were being opened in various states. Highlighting the increase in Corporate and Organizational Membership of IETE, he said that IETE had a galaxy of experts as its members. He concluded his address saying that IETE always deliberated on new policy issues of the Government and sent recommendations to concern authorities.

The Chief Guest **Prof K K Aggarwal**, Chancellor, Lingaya’s University, Faridabad highlighted the achievements of IETE under the able guidance of **Shri R K Gupta**, President IETE and appreciated the selection of the topic of cloud computing for deliberations. He also highlighted in detail various applications of cloud computing. He concluded his address with the desire that IETE should have its own private cloud in near future so that all its services and functions are performed on-line.

Presentations by the Expert Panelists were followed by a brief introductory address by **Shri A Robert J Ravi**, Advisor (QoS), TRAI and Moderator of the Technical Session. With brief introduction of the topic and the expert panelists, he invited **Shri J M Suri**, DDG (I), TEC to deliver the first presentation. Talking on the topic “Cloud-Security, Privacy and Standardization Perspective”, **Shri Suri** covered in details various aspects of Cloud Computing **Shri T R Dua**, Vice President, GISF, delivered the next presentation on the topic, “Cloud Computing–Issues & Challenges”. Highlighting the activities of GISFI, he gave detailed explanation of Cloud characteristics, computing models; Deployment models etc The third speaker

Shri Vikram Bhatia, Microsoft India, gave presentation on, “Building and Enterprise Cloud Adoption Strategy” and discussed how cloud computing was changing the working scenario of enterprises and universities. He concluded his address with deliberations on building an enterprise cloud adoption strategy. **Shri Rajeev Saxena**, VP & BIZ Head, NIIT Technologies Ltd, spoke on “Cloud Computing Adoption in India-The SME Focus”. The last speaker in the session was **Shri Vivek Bhugra**, CA Technologies Limited who spoke on the topic, “Cloud Computing–The way to go”. He highlighted all aspects of cloud computing.

A vibrant, meaningful and truly inspiring interactive session followed the presentations in the Technical Session **Shri A Robert J Ravi**, the Moderator of the Technical Session summarized the deliberations and highlighted the salient recommendations.

Shri P K Singhal, Co-Chairman, Industrial Coordination Committee, proposed the formal vote of thanks.



Experts panelist with other dignitaries on the dais

ISSUES & CHALLENGES were in terms of security & privacy of data; availability of broadband connectivity; standards and data governance issues; regulatory & legal framework compliances; confidentiality and integrity of cloud providers.

RECOMMENDATIONS

- Regulatory framework for cloud computing need to be evolved.
- Legal framework for multiple jurisdictions to be defined.
- To devise means to audit data held outside an organization in the cloud.
- Inter-operability amongst cloud service providers to be ensured.
- Holistic approach to data security is needed.
- QoS parameters need to be defined.
- Effective measures to be taken for data erasing, data privacy, data security, data export restrictions and monitoring data handling.
- Cloud computing to be promoted for enrichment of Green Environment.
- Broadband connectivity to be improved.
- Licensing issues need to be looked into for smooth cloud computing operations.

News From Centres

Allahabad

Shri R K Gupta, President IETE visited IETE Allahabad Centre on 3rd Aug 2012 to inaugurate the Seminar Hall and course on 'Computer Concepts'. **Shri G S Shukla** welcomed the delegates and gave a brief detail of the contributions of IETE HQ and achievements of the Centre. **Prof K K Bhutani**, the founder member and first Hony Secretary of IETE Allahabad Centre, highlighted the contributions and services rendered by members followed by **Dr G S Darbari** who gave details of activities of the Centre. He also highlighted future requirements of the Centre. It was informed that the course on Computer Concepts was a free course for girls belonging to the weaker section of the society. In his address, **Shri R K Gupta**, President IETE expressed satisfaction over the infrastructure developed by the IETE Allahabad Centre. He also told about various activities, programs and schemes of IETE. **Dr R S Yadav**, Hony Secretary, IETE Allahabad Centre offered vote of thanks.



Seminar in progress

Ambala

Shri R K Gupta, President, IETE inaugurated the two-days National Workshop on the "Testing, Measurement, Calibration and Uncertainty Calculations as per ISO 17025 : 2005" at IETE Ambala Sub-Centre. In his welcome address, **Dr Anil Jain**, Chairman, IETE, Ambala Sub-Centre told that the Sub-Centre had prepared five Instruction Manuals. President, IETE released and handed over the Instruction Manuals to five Ambala industrial entrepreneurs. President, IETE, appreciated the efforts of IETE-Ambala Sub-Centre and expressed satisfaction that IETE came forward to support the industry. He said Ambala Sub-Centre had set an example to take up industrially relevant projects and complete them in a record time. He concluded his address with the hope that the Ambala Sub-Centre would also extend its services to Defence personnel in Ambala Cantt.



President IETE addressing the audience

Dr Pawan Kapur, Director, CSIO, expressed the desire for greater value addition in Ambala range of instrumentation. **Shri P P Malhotra**, Chairman, Industrial Coordination Committee, appreciated the initiative of IETE Ambala Sub-Centre and assured all support for more such projects.

Shri J S Arya, Hony Treasurer IETE, Ambala Sub-Centre proposed the vote of thanks.

Coimbatore

- IETE Coimbatore centre organized a workshop on “**Advances in Signal and Image Processing**” from 30th May to 2nd Jun 2012. **Dr R Krishnan**, Former Head, ADRIN, ISRO and Former Dean, Indian Institute of Space Science and Technology, Trivandrum inaugurated the workshop.
- A Workshop for school children on “**Basic Electronics- A Practical Approach**” was organized on 2-3 Jun 2012. Faculty programmes on “**Special Electric Machines & Drives**” and “**Wind Energy & Power Systems Software**” were organized on 11-14 Jun & 9-11 Jul 2012 respectively. The Centre was also a co-organizer and technical supporter of the 3rd **International Conference on Information Systems and Management-2012** held on 12-14 Jul 2012.

Dharwad

The Sub Centre celebrated the 44th **WTISD** on 17th May 2012 jointly with the Institution of Engineers (India). **Dr Rajeshwari M Banakar**, HoD E&C, BVB College of Engineering & Tech, Hubli was the Chief Guest. **Dr Anand Shivapur**, Chairman of Dharwad Local Centre of IE (India) presided over the function. **Prof S S Kerur**, Chairman, IETE Dharwad Sub-Centre briefed about the topic of the year and read the message of ITU Secretary General.

Gwalior

IETE Gwalior Sub-Centre organized a meeting on 25th July 2012 to contact various Engineering Colleges & Technical Institutes to promote the ISF activities in the Gwalior Region.

Hyderabad

The Centre organized the 10th **Prof K K Nair Memorial Lecture** on “**Recent Advances in Pattern Recognition**” by **Prof (Dr) Atul Negi**, Associate Professor, Dept of Computer and Information Sciences, University of Hyderabad on 16th Jun 2012. **Prof K Kishan Rao** Chairman Technical Programmes & Seminars Committee welcomed the guests. The Centre also organized 4th **Prof Alladi Prabhakar Endowment Lecture** on “**e-Governance in India: An Assessment**” on 20th Jun 2012 by **Maj Gen (Retd), Prof (Dr) R K Bagga**, AVSM, Advisor (Outreach Div), IIIT, Hyderabad, Chairman, Avantel Ltd, Hyderabad.

Jaipur

IETE Jaipur Sub-Centre celebrated Independence Day on 15th Aug 2012.

Kathmandu

IETE Kathmandu Centre organized an International Seminar on “**Convergence in Telecom/ICT**” on 13th Jul 2012. **Shri Lilamani Paudel**, Secretary at the Prime Minister & Council of Ministers Office was the Chief Guest. In his address he assured support to IETE Kathmandu Centre in all respects. **Shri R K Gupta**, President IETE elaborated the objective of IETE and activities carried out by IETE in academic and professional development.



International Seminar at Kathmandu in progress

During the seminar, three presentations were made on “**Convergence in Telecom/ICT**”. In his presentation **Dr Surendra Pal**, President-Elect, expressed the need to adopt the technological advancements in the field of ICT for the benefit of common people. **Shri Bijay Kumar**, Dy Director, Nepal Telecommunication Authority (NTA) discussed the policy aspects of Convergence in the ICT Scenario. **Shri Keshav Raj Gyawali**, Dy Manager, United Telecom Limited in third presentation, elaborated the technical aspects of Convergence.



Chief Guest, Shri Lilamani Paudel lighting the ceremonial lamp

Kolhapur

IETE Kolhapur Sub-Centre was inaugurated by **Shri R K Gupta**, President IETE, and **Shri P R Bhosale**, Chairman, Holywood Academy, Kolhapur at Sanjeevan Engineering and Technology Institute, Panhala. **Dr Vikram S Patil**, Principal, Sanjeevan Engineering and Technology Institute, welcomed the guests. Speaking at the occasion **Shri R K Gupta**, President, IETE, congratulated **Dr Vikram Patil** for being elected as the first Chairman of the Kolhapur Sub-Center and **Prof R T Patil** and **Prof S T Jadhav** for being elected as the Hony Secretary and Hony Treasurer respectively. He also promised to provide facilities and resources to the new Centre at par with other Centres. **Shri N R Bhosale**, Joint Secretary, Holywood Academy, Kolhapur, **Dr K T V Reddy**, Member, Governing Council, IETE, New Delhi, **Dr Vijay Pawar**, Immediate Past Chairman, IETE, Navi Mumbai Centre, **Shri Gopaldas Davra**, Sec., IETE, Pune Centre, **Shri S K Khedkar**, Treasurer, IETE, Pune Centre and **Shri Prakash Patil**, IETE, Pune Centre were also present. **Prof R T Patil** presented the vote of thanks.



Inauguration of IETE Kolhapur Sub-Centre

Kozhikode

The IETE Kozhikode Sub-Centre Office was inaugurated on 21st Jul 2012 by **Dr V P Panicker**, Immdt Past Chairman. **Shri C K Haridas**, Founder Chairman and Governing Council Member Elect also graced the occasion.



Lighting of the Ceremonial Lamp

Mhow

IETE Mhow Sub-Centre organized a two day workshop on “**Latest Trends In Software Defined Radios**” in MCTE on 4-5 Jul 2012. The workshop was inaugurated by **Lt Gen Rajesh Pant, VSM**, Commandant Military College of Telecommunication Engineering, Mhow & Colonel Commandant Corps of Signals.

Sivakasi

IETE Sivakasi Sub-Centre organized the Second Techno balze' 12 Lecture Series cum Group Discussion on the topic “**GPS on Aviation**” by **Mrs K Kavitha**, Asst Prof. Dept of ECE, Mepco Schelenk Engg College on 9th Aug 2012.

Vijayawada

- A two day workshop on “**Faculty Development Program on VLSI and Embedded System Design**” in association with Dept of ECE of Gudlavalleru Engineering College, Gudlavalleru, Krishna Dist, AP was organized on 7-8 Jul 2012
- A one day workshop on “**Arm Based Embedded Systems Training**” was organized on 6th Aug 2012.

Visakhapatnam

The Centre organized a National Conference on “**Advanced Communication and Computer Technologies (ACCT-2012)**” on 6-7 Jul 2012. **Shri C D Malleswar**, Associate Director, NSTL & Chief Convener of the conference gave the over view of the conference. **Shri R K Gupta**, President, IETE was the Chief Guest. In his address he highlighted the role played by IETE in spreading the awareness on ICTs and reducing the digital divide by bringing together students, practicing professionals and Industry experts. **Prof U B Desai**, Director IIT Hyderabad was the keynote speaker. Conference was well attended. **Sri C D Malleswar**, Chief Convener, ACCT-12 summed up the deliberations.



Dignitaries releasing the Conference Proceedings

ISFs Activities

ISF at Prestige Institute of Engineering and Sciences, Indore organized a National Level Conference on “Prestige Gyan-Sandhan 2012 Recent Trends in Engg & Sciences (NCRTES-2012)” on **20-21 Apr 2012**.

ISF at MP Nschimuthu M Jaganathan Engineering College, Erode conducted a special guest lecture on “Role of Advanced Electronic and Nano Materials” on **16th Jun 2012**. The Chief Guest was **Dr V Mani**, Scientist-E (Addl Director Grade), C-MET, Dept of IT, Govt of India, Hyderabad.

ISF at Kongu Engineering College, Erode was inaugurated on **6th Jul 2012** at Maharaja Auditorium by **Shri S Sakthivel Manikandan**, Associate Project Manager, Robert Bosch Engineering & Business Solutions, Coimbatore. The Chief Guest delivered speech on “How to get into Embedded jobs”.

ISF at Erode Sengunthar Engineering College, Erode organized a guest lecture on “Latest Trends in Hard Disk Drives” by **Dr Vijayaharan A Venugopal**, Senior R&D Engineer, Seagate Technology, Londonderry, UK, on **13th Jul 2012**.

ISF at Sri Satya Sai Institute of Science and Technology, Sehore organized a two-day seminar on “Mixed Signal VLSI Design” on **20-21 Jul 2012**. **Dr R P Gupta**, Chairman, IETE Bhopal Centre was the Chief Guest.

ISF at Mepco Schlenk Engineering College, Sivakasi organized two days workshop on “Advanced Embedded System Design Using MSP430 and Beagle Board” on **26-27 Jul 2012**.

ISF at Adithya Inst of Tech, Coimbatore ECE & EEE Dept jointly organized “ELECTRO PHOENIX” on **30th Jul 2012**. The seminar was inaugurated by **Er R Madhusoothanan**, Senior Executive, Siemens.

ISF at Ranganathan Engineering College, Coimbatore ECE Dept was inaugurated on **2nd Aug 2012**. **Shri C Arun Kumar** was the chief guest. In his address, he elaborated the developments taking place in this sector and opportunities available to Electronic and Communication Engineers.

ISF at Oxford Engineering College, Trichy was inaugurated on **3rd Aug 2012**. A guest lecture by **Shri S P Ramanathan**, Technical Manager, Training & Design Service, Enixs Technology India Pvt Ltd, Trichy on “Recent Trends in VLS Altra FPGA Tool” was delivered.

ISF at TKMCE, Kollam organized a talk on “Security issues in smartcards” on **9th Aug 2012**.

ISF at Ranganathan Engineering College, Coimbatore organized a guest lecture on “Instrumentation & Automation” on **16th Aug 2012**.

New Organisational Members of IETE

- **GMR Institute of Technology, Rajam (GMRIT) (G0440)** was Established in the year 1997 by GMR Varalakshmi Foundation. Located in Rajam, Srikakulam district of Andhra Pradesh, GMRIT provides, state-of-the-art facilities, infrastructure and competent faculty. The Institute encourages collaborative learning between industry and academia by reinforcing its curriculum with practical and real world experiences. GMRIT is accredited by NBA and NAAC and also got autonomy from this academic year. It has eight UG engineering disciplines and seven PG programmes. Presently IETE, IEEE, CSI, ISTE and IE local chapters are conducting the student events for all disciplines.

With the warm blessings of Prof K Raja Rajeshwari, IETE Governing Council Member, various events have been conducted at the Institute, including a three day workshop on GR 40 receiver design with HAM RADIO had also been conducted. A seminar on Robotics christened “Introbo” was also organized to bring awareness among the students about Robotics.

- **ICL Institute of Engineering and Technology, Ambala (G0439)** is part of the ICL Group ushered into existence during 2008. The institute has been duly approved by AICTE, New Delhi and Govt. of Haryana and is affiliated to the Kurukshetra University. The primary objective of ICL Hi-Tech Society is to provide facilities for higher learning & education and in the process setting up Colleges and Institutions to impart & confer graduate & post graduate degrees. A number of courses are run by the Institute. ICL Group of College has been in the forefront of placements and getting its students placed in the reputed companies and firms.

It has Centres of Excellence for Microsoft IT Academy, PTC Academy, IETE Training Centre, National Programme on Technology Enhanced Learning (NPTEL) Auto Desk Learning and Cambridge University collaborations with highly qualified and experienced faculty and ultra modern labs and workshops and latest IT and computer labs.

IETE Annual Awards for the Year 2012

(IETE congratulates all Awardees)

MAIN AWARDS

IETE recognizes outstanding achievements of individuals in the field of Electronics, Telecom, IT and related areas through its various awards. The IETE Board of Recognition of Excellence (BoRE) finalized the awardees for the year 2012. The awardees for various IETE Awards-2012 are as follows:—

IETE-RAMLAL WADHWA AWARD (2012)

Awardee: Prof Bhabani Prasad Sinha, ISI Kolkata

IETE-HARI RAMJI TOSHNIWAL AWARD (2012)

Awardee: Dr Biswajit Chakraborty, Mecon Ltd, Ranchi

IETE-FLT LT TANMAYA SINGH DANDASS MEMORIAL AWARD (2012)

Awardee: Dr Bharatbhushan P Joshi, Cummins College of Engg for Women, Nagpur

IETE-PROF K SREENIVASAN MEMORIAL AWARD (2012)

Awardee: Prof S Vijaya Bhaskara Rao, Sri Venkateswara University, Tirupati

IETE-PROF SVC AIYAMEMORIAL AWARD (2012)

Awardee: Prof Vidyacharan Bhaskar, SRM University, Kancheepuram

IETE-PROF S N MITRA MEMORIAL AWARD (2012)

Awardee: Shri V K Singla, All India Radio, New Delhi

IETE – CEOT (94) AWARD (BIENNIAL) (2012).

Awardee: Prof Sukhdev Roy, Dayalbagh Educational Institute, Agra

IETE-B V BALIGAMEMORIAL AWARD (2012)

Awardee: Shri Gundra Satheesh Reddy, RCI, DRDO, Hyderabad

IETE-N V GADADHAR MEMORIAL AWARD (2012) The award ceremony is held at a suitable function in the second half of every year organized by IETE Bangalore Centre.

Awardee: Dr MVS N Prasad, NPL, New Delhi

IETE – BRIG M L ANAND AWARD (2012)

Awardee: Lt Col Siddarth Malik, SM, 753 Fd Wksp Coy, C/o 56 APO, 918011

IETE-BIMAN BEHARI SEN MEMORIAL AWARD (2012)

Awardee: Prof Ravindra Kumar Sinha, Delhi Technological University, Delhi

IETE-LIFE TIME ACHIEVEMENTS AWARD (2012)

Awardee: Dr R P Shenoy, Ex-Director, LRDE, DRDO, Bangalore

IETE-SMT. MANORMA RATHORE MEMORIAL AWARD (2012)

Awardee: Ms Puja Srivastava, SAC, Ahmedabad

IETE-SMT RANJANA PAL MEMORIAL AWARD (2012)

Awardee: Dr K S Beenamole, LRDE, DRDO, Bangalore

For the following 04 Awards only one nomination was received. Hence these awards were deferred for consideration for the next year along with the nominations which will be received in the next year:

IETE-Bimal Bose Award, IETE-Lal C Verman Award, IETE-B R Batra Memorial Award and IETE-Corporate Award for Computer and Telecommunication Systems (LEs)

For the following awards, no nominations were received:-

IETE-R S Khandpur Award, IETE-Corporate Award for Performance in Computer & Telecommunication Systems (MSMEs), IETE-Corporate Award for Performance in Development of Software (LEs & MSMEs), IETE-Corporate Award for Performance in Electronic Components (LEs & MSMEs) and IETE-Corporate Award for Performance in Electronic Instruments and Instrumentation (LEs & MSMEs)

IETE-IRSI (83) AWARDS (2012)

Nominations received are under consideration of the IETE-IRSI Awards Committee and the Awardees will be announced later.

IETE BEST PAPER AWARDS FOR ARTICLES PUBLISHED IN IETE JOURNALS DURING THE YEAR 2011

- (i) **IETE-S K Mitra Memorial Award** for the best research oriented paper titled, “Leveraging Pause Time Distributions for Stable Cluster-based Data Gathering in Multihop Cell Phone-based Sensor Network” by M B Shah, P P Verma, S N Merchant and U B Desai, pp 470-478, Vol.28, No.6, Nov-Dec 2011 issue, IETE_TR_130_11.
- (ii) **IETE-J C Bose Memorial Award** for the best engineering oriented paper titled, “Electromagnetic Compatibility for System Engineers” by Joseph Shapira pp. 70-77, Vol.28, No.1, Jan-Feb 2011 issue, IETE_TR_88_10.
- (iii) **IETE-M N Saha Memorial Award** for the best application oriented paper titled, “Reducing ICT-related Carbon Emissions: An Exemplar for Global Energy Policy?” by Stephen Ruth, pp 207-211, Vol.28, No.3, May-Jun 2011 issue, IETE_TR_367_10.
- (iv) **IETE-K S Krishnan Memorial Award** for the best system oriented paper titled, “Utilizing Faulty Cores” by Karthik Raghavan and Kamakoti Veezhinathan, pp 400-408, Vol.28, No.5, Sep-Oct 2011 issue, IETE_TR_357_10.
- (v) **IETE-CDIL Award for Industry** for the best paper contributed by authors working in industry paper titled, “A Cross Section of the Issues and Research Activities Related to Both Information Security and Cloud Computing” by Naresh K Sehgal, Sohumi Sohoni, Ying Xiong, David Fritz, Wira Mulia and John M Acken, pp 279-291, Vol.28, No.4, Jul-Aug 2011 issue, IETE_TR_60_11.
- (vi) **IETE-Gowri Memorial Award** for the best paper on topic on general interest paper titled, “Evolution of Indian Wireless Networks” by A Paulraj, pp 375-380, Vol. 28, No.5, Sep-Oct 2011 issue, IETE_TR_161_11.
- (vii) **IETE-Students’ Journal Award** for the two best papers from IETE Journal of Education:
 - **“Digital Phase Locked Loops”** by Praveen Kumar, pp 5-10, Vol 52 No 1, Jan-Jun 2011 issue.
 - **“Alternative Method for SSB Signal Generation”** by P Hari Krishna Prasad, pp 87-90, Vol 52 No 2, Jul-Dec 2011 issue.

IETE Academic Awards –2012

Following are the recipients of the IETE Academic Awards for the year 2012 :-

AMIETE AWARDS (Degree Level)

(i) IETE-Subramanian
Thyagaraja Award

Dec 2011

Electronics & Telecom Stream

M Yekendra Khuman, (SG 224617) 7.0 GPA
Manasweeni, (SG 227274) 7.0 GPA

(ii) AMIETE Council Award-I

June 2011

Electronics & Telecom Stream

Preeti Kumari, (SG 215031) 6.66 GPA

Computer Science Stream

Lal Vikram Singh, (SG 217431) 7.66 GPA

Information Technology Stream

Anil Kumar (SG 212586) 7.33 GPA

Dec 2011

Electronics & Telecom Stream

Neeraj Kumar, (SG 214474) 6.5 GPA

(iii) AMIETE Council Award-II

June 2011

Electronics & Telecom Stream

Sonam Bhardwaj, (SG 210200) 7.59 GPA

Computer Science Stream

Garima Joshi, (SG 186326) 8.0 GPA

Dec 2011

Electronics & Telecom Stream

Mohini Kumari, (SG 212260) 7.6 GPA

(iv) AMIETE Council Award-III

June 2011

Electronics & Telecom Stream

Deka Parthapratim C, (SG 196527) 7.5 GPA

Computer Science Stream

Ram Sakal Raman, (SG 196732) 7.5 GPA

Information Technology Stream

Parmar Yagneshbhai R, (SG 197023) 6.5 GPA

Dec 2011

Electronics & Telecom Stream

Pallavi Goel, (SG 210416) 8.75 GPA

Computer Science Stream

Vishal Singh, (SG 202150) 7.5 GPA

(v) IETE-Hari Mohan Memorial Award

June 2011

Information Technology Stream

Saumya Saxena, (SG 219421) 9.5 GPA

DIPIETE AWARDS (Diploma Level)

(vi) DIPIETE Council Award-I.

June 2011

Electronics & Telecom Stream (NEW)

Manaf K K, (SD 222401) 7.5 GPA

Najum S, (SD 222625) 7.5 GPA (NEW)

Computer Science Stream (NEW)

Rincy K, (SD 222840) 8.25 GPA

Dec 2011

Electronics & Telecom Stream (NEW)

Niyaz Mohammad, (SD 217933) 7.75 GPA

(vii) DIPIETE Council Award-II

June 2011

Electronics & Telecom Stream (NEW)

Raj Kumar, (SD 214395) 6.75 GPA

Computer Science Stream (NEW)

K G Aswathi, (SD 218787) 7.75 GPA

Dec 2011

Electronics & Telecom Stream (NEW)

Saranya Swamidas P, (SD 221965) 8.5 GPA

Computer Science Stream (NEW)

Krishna Sruthi C S, (SD 222783) 8.25 GPA

(viii) DIPIETE Council Award-III

June 2011

Electronics & Telecom Stream (NEW)

Joydeep Kumar Patra, (SD 202845) 8.25 GPA

Raja Sekar R, (SD 205367) (OLD) 7.25 GPA

Computer Science Stream (NEW)

Sajana Shanmughan (SD 210104) 8.0 GPA

Oct 2011

Electronics & Telecom Stream (OLD)

Jagjiban Nath, (SD 203636) 8.0 GPA

Computer Science Stream (OLD)

Burkhwala Shruti Kiran, (SD 172627) 8.5 GPA

Dec 2011

Electronics & Telecom Stream (NEW)

Yatin Vishnu Varang (SD 212604) 7.5 GPA

Computer Science Stream (NEW)

Irshana C (SD 216162) 8.5 GPA

(ix) DIPIETE Council Award-IV

June 2011

Electronics & Telecom Stream (OLD)

Mohammed Abubacker M S (SD 200781) 8.33 GPA

Anupam Gera (SD 205402) (NEW) 7.66 GPA

Sivananthan J (SD 210487) (NEW) 7.66 GPA

Computer Science Stream (OLD)

Dinesh Paratap Singh, (SD 207111) 7.66 GPA

Seviamma M (SD 210160) (NEW) 9.33 GPA

Oct 2011

Electronics & Telecom Stream (OLD)

Sri Utpal Boro (SD 200481) 7.66 GPA

Computer Science Stream (OLD)

Chanchal Verma (SD 185246) 8.66 GPA

Dec 2011

Electronics & Telecom Stream (NEW)

Ajay Kumar Singh (SD 201737) 7.66 GPA

Computer Science Stream (NEW)

Geethumol M P (SD 204052) 9.0 GPA

(x) DIPIETE Council Award-V

June 2011

Electronics & Telecom Stream

Vikas Kumar (SD 207968) 8.25 CGPA

Computer Science Stream

Mujeeburrahman Ansari (SD 203064) 8.66 CGPA

Dec 2011

Electronics & Telecom Stream

Niladri Shekhar Sarkar (SD 210025) 8.57 CGPA

Computer Science Stream

Bincy G (SD 210148) 8.33 CGPA

(xi) DIPIETE – Gopal M Dandekar Memorial Award

Dec 2011

Computer Science Stream

Bincy G (SD 210148) 8.33 CGPA

IETE-NATIONAL TECHNICAL PAPER CONTEST-2012: Prize winners are:

- (a) **First Prize:** Ashok Gowtham M and Ram Rajesh J, from Amrita Vishwa Vidyapeetham, Coimbatore for the paper titled, "Alternative Method to Control Windows Photo Viewer Using Hand Gestures".
- (b) **Second Prize:** Dhanyashree S V and Dhanya Manur from JNN College of Engineering, Shivamogga, Karnataka for the paper titled, "Wireless Voice Assistant for the Dumb".
- (c) **Third Prize:** K B Periyasamy and G Saravanan from Hindustan College of Engineering and Technology, Anna University of Technology, Coimbatore for the paper titled, "Intelligent Robotic Rest Room Cleaner".

The following awards for academic excellence will be presented during the IETE CONVOCATION-2012 function of the Institution:

(i) IETE-Smt Radhabai Kapre Award

June 2011

Electronics & Telecom Stream

Madhvi Panwar (SD 193398) 8.74 CGPA

Computer Science Stream

Thacker Dhaval Kumar Ghanshyam (SD 178330) 8.55 CGPA

Information Technology Stream

Amrit Singh (SG 193740) 8.55 CGPA

Dec 2011

Electronics & Telecom Stream (NEW)

Sonam Bhardwaj (SG 210200) 7.88 CGPA

Computer Science Stream (OLD)

Preeti Kaushal (SG 201852) 8.18 CGPA

Ankita Gupta (SD 202607) (NEW) 8.18 CGPA

Information Technology Stream (NEW)

Jayanta Madhab Ray (SG 201076) 6.92 CGPA

(ii) AMIETE – Gopal M Dandekar Memorial Award
Dec 2011

Electronics & Telecom Stream

Madhvi Panwar (SG 193398) 8.74 CGPA

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Website: <http://www.iete.org>

THE INSTITUTION OF ELECTRONICS AND TELECOMMUNICATION ENGINEERS

2, Institutional Area, Lodi Road, New Delhi 110003

R K Gupta
President

S R Aggarwal
Secretary General

Ref: IETE/M/322/58th-AGM/2012

07 Sep 2012

To
All Corporate Members of IETE



58th (2011-12) ANNUAL GENERAL MEETING

Dear Sir/ Madam,

NOTICE is hereby given for the 58th (2011-12) Annual General Meeting of the Institution which will be held at **1700 hrs on Friday the 28th September 2012 at Hotel Fortune Park, J P Celestial Bangalore.**

You are requested to make it convenient to participate in the 58th Annual General Meeting.

Thanking you,

Yours faithfully,



(SECRETARY GENERAL)

AGENDA

ITEM 1 TO CONFIRM THE MINUTES OF THE 57TH (2010-11) ANNUAL GENERAL MEETING HELD ON 23RD SEPTEMBER 2011 AT AHMEDABAD

The Minutes have been circulated through the Nov-Dec 2011 issue of the Newsletter (Vol 13 No 6, page No 17). No comments have been received. The Minutes may be confirmed.

ITEM 2 TO CONSIDER AND ADOPT THE 58TH ANNUAL REPORT OF THE GOVERNING COUNCIL FOR THE YEAR 2011-12.

The 58th Annual Report is being circulated to all Corporate Members separately and also being put on the IETE Website.

ITEM 3 TO CONSIDER AND ADOPT THE AUDITED STATEMENT AND INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31 MAR 2012

The Audited Statement of Accounts for the year 2011-12 is given in the Annual Report.

ITEM 4 TO APPOINT AUDITORS FOR THE YEAR 2012-13

The Governing Council recommends M/s Gupta Ajay & Associates, New Delhi for appointment as statutory auditors of the Institution for the year 2012-13 at an annual remuneration of ₹ 27,000/-.

ITEM 5 ANY OTHER MATTER WITH THE PERMISSION OF THE CHAIR

Any other point to be taken up at the meeting, in accordance with Byelaw 69, may please be sent to reach the HQ Secretariat by 21st September 2012.

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sec.gen@iete.org

Fax: 011-24649429
Website: http://www.iete.org

THE INSTITUTION OF ELECTRONICS AND TELECOMMUNICATION ENGINEERS

2, Institutional Area, Lodi Road, New Delhi 110003

R K Gupta
President

S R Aggarwal
Secretary General

Ref: IETE/M/323/1st-SGM/(2011-12)

07 Sep 2012

To
All Corporate Members of IETE



1st (2011-12) SPECIAL GENERAL MEETING OF CORPORATE MEMBERS

Dear Sir/ Madam,

NOTICE is hereby given for the 1st (2011-12) Special General Meeting of the Corporate Members of the Institution, which will be held in accordance with Byelaw 71 at **1800 hrs on Friday, the 28th September 2012 at Hotel Fortune Park, J P Celestial Bangalore** to consider the following Agenda.

You are, therefore requested to make it convenient to attend. If, for some unavoidable reasons, you are unable to attend the Meeting, you may exercise your vote through a proxy form (attached), which should reach the Secretary General, IETE at 2, Institutional Area, Lodi Road, New Delhi-110003 not less than **48 hours before the time for holding the Meeting i.e. 1800 hrs on 26 Sept 2012**. Proxies received after 1800 hrs on 26 Sept 2012 will be treated as invalid.

Thanking you,

Yours faithfully,

(SECRETARY GENERAL)

AGENDA

ITEM 1 CONFIRMATION OF THE 1ST (2009-10) SPECIAL GENERAL MEETING OF CORPORATE MEMBERS HELD ON 24TH SEPTEMBER 2010 AT IETE HQ, NEW DELHI.

The Minutes have been circulated through the Nov-Dec 2010 issue of the IETE Newsletter(Vol 12 No 6, Page No 17). No comments have been received. The Minutes may be confirmed.

ITEM 2 CONSIDERATION OF AMENDMENTS TO BYELAWS

Detailed proposal as approved by the Governing Council is reproduced along with, for favour of consideration and approval.

Note: The Special General Meeting (SGM) of Corporate Members of the Institution is being held as per Clause 17 of the Articles of Association. Great significance is, therefore, attached to the views that may be expressed by the Corporate Members on the amendments, revoking, altering or supplementing the Byelaws.

Existing	Proposed
<p>41(b)</p> <p>In each year, not later than the last working day of January, the Secretary General shall send to each Corporate Member on the roll of the Institution, a list (directory) of the Corporate members in good standing and entitled for nomination(s) as on 31st December of the previous year. Along with this list (directory) he shall indicate the number of vacancies that are to occur in the year for the election to the Council.</p>	<p>41(b)</p> <p>(i) Once in five years, not later than the last working day of January, the Secretary General shall send a Directory of the Corporate Members in good standing and entitled for nomination(s), as on 31st December of the preceding year. For the remaining four years, not later than the last working day of January of each year, the Secretary General shall send a list of Corporate Members enrolled up to 31st December of the preceding year and entitled for nomination(s) along with a list of Corporate Members whose names were deleted as on 31st December of the preceding year. Along with this list, he shall indicate the number of vacancies that are to occur in the year for the election to the Governing Council.</p> <p>(ii) Thus, the total number of Corporate Members in good standing and entitled for nomination(s) as on 31st December each year, will be the Corporate Members listed in the Directory plus the list(s) of corporate members in good standing and enrolled, which are added subsequently up to 31st December of that year and minus the list (s) of members deleted up to 31st December of that year.</p> <p>(iii) The Secretary General shall, not later than the last working day of January in each year, update the list of Corporate Members in good standing and entitled for nomination(s) as on 31st December of the preceding year on the IETE Website.</p>
<p>43 (a)</p> <p>In the event of there being a ballot the Returning Officer shall prepare ballot papers. The Returning Officer shall not later than the 15th May in each year or such date as the Council may approve, post the ballot papers along with the biodata to the Corporate Members in good standing and entitled to vote as on 31st March at their recorded addresses issued by the Secretary General.</p>	<p>43 (a)</p> <p>In the event of there being an election, the Returning Officer shall, prepare ballot papers required for both postal Ballot system and for on-line voting system simultaneously. The Secretary General shall, supply to the Returning Officer, the list of Corporate Members participating in postal ballot system and another list of Corporate Members participating in the on-line voting system along with their postal addresses and email addresses. The Returning Officer shall, not later than the 15th May in each year or such date as the Council may approve, post the ballot papers along with the biodata to the Corporate Members in good standing and entitled to vote as on 31st March at their recorded addresses issued by the Secretary General.</p> <p>The Returning Officer shall also not later than the 15th May in each year or such date as the Council may approve, put up the ballot papers along with the bio-data on the IETE on-line Voting Website.</p> <p>The present postal ballot system shall be discontinued by the Governing Council in three years of time both for Governing Council elections at IETE Head Quarters and Executive Committee elections at IETE Centres.</p>

E-Mail: president@iete.org, sec.gen@iete.org
 Website: <http://www.iete.org>



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 Fax: 011-24649429

THE INSTITUTION OF ELECTRONICS AND TELECOMMUNICATION ENGINEERS

2, Institutional Area, Lodi Road, New Delhi 110003

PROXY FORM

The Secretary General
 The Institution of Electronics and Telecommunication Engineers
 2, Institutional Area, Lodi Road, New Delhi-110003

I _____ Membership No _____ of _____ being a Corporate Member of the Institution hereby appoint _____ of _____ or failing him _____ of _____ as the case may be as my proxy at the 1st (2011-12) Special General Meeting of the Institution to be held on the Twenty eight day of September 2012 and at any poll in connection therewith.

As witness my hand _____ day of _____ 2012

Address _____

Signature _____

Class & Mem. No _____

Newly Elected Officer Bearers of IETE Centres/ Sub-Centres(2012-14)

(IETE congratulates all newly elected Officer Bearers of Centres /Sub-Centres)

S.N	Name of the Centres	Chairman	Hony Secretary	Hony Treasurer
1	Agra	Brig Janaki Pant, 9258079400, eme.509abw@gmail.com	Lt Col. Sushil Kumar 9258079404	Col Sunit Kumar Nijhawan
2	Ahmedabad	Shri C.M. Bhatt, 9409421364 sychini@rediffmail.com	Shri Ramji Muljibhai Makwana mramji4u@gmail.com	Shri C.P. Shah, 9427606727, cpshahsac@yahoo.com
3	Aligarh	Prof Abbasi Zia Ahmad, 9897028222 ziabbasi@rediffmail.com	Dr M Shah Alam	Dr Parveen Tahira, 9897001202 tahiraparveen@rediffmail.com
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उद्यमियों को दी इलेक्ट्रिक उपकरणों की जानकारी

2010

Abstract

अर्द्धदेई व सीमाअर्द्ध ने तेवर की पांच मराठोहोप की निर्मित पुलिच्छा, तीन से मित रही हने टागान

...ताकि दुनिया फिर झाँके हमारे माइक्रोस्कोप में

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**संविधान-आईडी में सेमिनार
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संविधान का सर्वोच्च हित है। इस विचार को साकार करने में हम सहज हैं। (आईडी) संविधान के अंतर्गत ही हमारी रस रस का ही समर्थन है और संविधान राज्य के विकास का मुख्य शक्ति है। यह विचार को साकार है। हम संविधान के अधिकारों, अधिकारों...

— *Journal of the American Medical Association*, 1997

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है। तीसरे तो अर्थव्यवस्था का अभाव
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आईटीई सेंटर
हआ थरु

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मेंट इंस्टीट्यूट ऑफ
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वृत्त राजधानी में एमिटी लि
आईटीई एमिटी विधि का
शुरू हो गया है। शुक्रवार
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है। लोकमैनेजमेंट इंजीनियर
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संयुक्त रूप से किया। विवि

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आईआईटीए समिती विश्वविद्यालय सब सेंटर का उद्घाटन

अमर उजाला ब्यारी

नौएड्डा। तकनीकी क्षेत्र में हो रही प्रगति और नई जानकारीयों से एग्जिटि विजनिवियामन के साथ बेहतर तरीके से रुबरु हो सकेगे। इसके लिए एमटी इस्टीट्यूट ऑफ टेलीकॉम टेक्नोलॉजी एंड मैनेजमेंट और द इंस्टीट्यूशन ऑफ टेलीकॉमिनिस्ट्रेशन एंड टेलीकॉम्युनिकेशन इंजीनियरिंग के समुदाय पर भी नजर रखी जायेगी। एमटी विजनिवियामन सब सेक्टर का तदुद्घाटन किया गया। विजनिवियामन के एक दूरदर्शन सभागार में बनाए गए इस सब

आईआईटीई एमिटी सब सेंटर का शुभारंभ

आ (एसएनबी)। एमिटी विश्वविद्यालय में शुक्रवार को प्रमुख और इलेक्ट्रॉनिक्स एंड टेली कम्युनिकेशन इंजीनियर के आईआईटी एमिटी सच सेक्टर का शुभारंभ हुआ। इसका उद्घाटन आई के अध्यक्ष आरके गुप्ता व एमिटी शिक्षण समूह के संस्थापक डॉ. अशोक कुमार चौधरी ने दीप प्रज्वाला किया। इस पक्षिक पर आरके गुप्ता ने कहा कि सेंटर के खुलने से छात्रों को एक के क्षेत्र में काफ़ी लाभ मिलेगा। उन्होंने कहा कि अगर उच्च शिक्षण की पारीदारी के साथ अपने बच्चा जाए हो निश्चित ही देश शिक्षा के विकास कोगा। आईआईटी के सचिवा अध्यक्ष सुदीप पाल ने कहा पर खुलने से जहां एक ओर उच्च शिक्षा में सहायता होगी वहीं दूसरी ओर नैकरी एवं व्यवसाय के क्षेत्र में भी छात्रों को मदद मिलेगा। अक्सर पर अशोक कुमार चौधरी ने बताया कि आज के तकनीकी हर कला नए लेख व तकनीकी का विकास हो रहा है। छात्रों को आ के लिए तकनीकी का पूरा ज्ञान होना आवश्यक है। उन्होंने बताया कि इस सेंटर के नाम से छात्रों की शिक्षा को और भी विकसित करने का प्रयत्न करेंगे। इलेक्ट्रॉनिक्स एंड टेली कम्युनिकेशन एमिटी व आईआईटी ने संयुक्त रूप से किया है। उद्घाटन अवसर पर आईआईटी, नोएडा के चेयरमैन एसबी अग्रवाल, एमिटी शिक्षा के गुप्त ब्रह्म ब्रह्मसारा के जय सिंह, कश्चिंदर मुखर्जी सहित सैन्य मौजूद थे।

OBITUARY



Padmashri Shri S M Agarwal (DF001774L) received B Sc degree from Allahabad University in 1940. He graduated with top honours as an electronics engineer in 1943 and served Govt of India till his retirement in 1978. Serving as Secretary Communications and Director General, Posts and Telegraphs, he introduced many innovative schemes. He designed the keyboards of the Hindi Typewriter and Teleprinter and also the Telephone Coin Pay Boxes. In the late 1960s, he was instrumental in shaping India's nascent electronics industry. He also organized and chaired the First All India Sports Meet of Independent India. In January 1975, he was awarded the Padmashri for his numerous contributions. After retirement, he joined the Hindustan Times, first as Executive President (1981-86), and then as Advisor to Board of Directors. A rare human being an excellent innovator, perceptive thinker and a charismatic leader, he combined a brilliant and probing intellect with a deep sense of generosity toward everyone. He touched the lives of thousands of people. Shri S M Agarwal extended his valuable services to IETE during the years 1953-59 (J S), 1959-60, 1963-70, 1971-74 & 1975-76 (Vice President) and 1976-77 as President of the Institution.

IETE fraternity convey heartfelt condolences and pray for the family members to bear this loss.



Fellow of IETE.

Dr R P Shenoy (DF030060L) Ramdas Panemangalore Shenoy was born in 1929 at Mangalore and had his early education at Canara High School, MSc Degree from BHU, DIISc from Indian Institute of Science, Bangalore PhD degree in EE from University of Wisconsin, USA. He worked for three years in Industry in USA, returned to India and joined LRDE, DRDO. He retired in 1987 from LRDE. He took over as Chairman of the IETE Bangalore Centre from Brig Dhingra. Dr Shenoy was the recipient of many national awards. He authored national and international publications in the field of radar and was one of the coauthors of "Advance Radar Techniques and Systems" published in London UK (1930). He was Fellow of Indian National Academy of Engineering and Distinguished

IETE fraternity conveys heartfelt condolences on his sad demise.



Maj Gen K B Jhaldiyal, AVSM (Retd) (F060923L) was indeed a soldier engineer of repute. He was a science graduate from Allahabad University; BE from University of Roorkee and MTech from IIT, Mumbai. He served Indian Army with distinction for 35 years. His special contributions were towards engineering support of guided missiles, tank electronics, communication systems and HRD. He was awarded AVSM by the President of India for distinguished services. He served IETE for a successful tenure of seven years as Secretary General (1996-2003) and also Governing Council Member; Chairman M&CC, Chairman TPC and Chairman ADEC. He was also elected as Governing Council Member (2012-15) & Distinguished Fellows of IETE in 2012. He contributed immensely towards revenue generation, creating infrastructure; syllabi revision and projection of IETE at national level. He will always be remembered by all of us for his support, guidance, advice and fatherly affection. He was a great human being and a truly dedicated professional. His inter personal skills were acknowledged and appreciated by everyone in IETE.

IETE fraternity conveys heartfelt condolences and pray for the family members to bear this loss.



Shri A Ganesan (M031495L), a Gold Medalist in Mathematics from Madras University and IETE Graduate, was awarded the 'Bharat Sanchar Seva Pathak' award by BSNL in 2004. He had written three books on Telecommunication. He was EC Member of IETE Chennai Centre more than two terms and also functioned as Hony Secretary during 2005-06. He retired in 2006 from BSNL as Dy General Manager (Tax), Southern Telecom Region.

IETE fraternity mourns the sad demise of Shri A Ganesan.

Awards & Achievements

BITS Pilani Distinguished Alumnus Award conferred on Dr S Pal



Dr Surendra Pal (DF062502L), the President Elect of IETE and Chairman M&CC, was conferred the coveted **“BITS Pilani Distinguished Alumnus Award 2012”** in recognition of his significant and outstanding contributions to his profession in the category of **“Professional Management of Businesses”**. The selection for the award was based on the impact of one’s contribution to (a) Dissemination or creation of knowledge, (b) Enrichment of the lives of people (c) Distribution or creation of wealth (d) Promotion of establishment of high ethical standards in private or public life. The award was presented to Dr S Pal during the convocation 2012 at Hyderabad on August 12, 2012 by the Chancellor, BITS, Dr Kumar Mangalam Birla.

IETE fraternity congratulates Dr S Pal on his achievement.



Dr R P Gupta (F158612L) has been awarded Doctor of Philosophy (PhD) Degree by Barkatullah University, Bhopal. He has 37 years of academic and Industrial experience in various positions of different organizations. He is the Member of nine different National and International Societies, including IEEE. Presently, he is the Chairman of IETE Bhopal Centre.

Book Review “Conceptual Programming Tips for Interviews and Competitive Exams: Tricky Problems and Solutions”

The book, authored by **Dr Jitender Kumar Chhabra**, IETE Member and Asst Prof, DCE, NIT, Kurukshetra is published by Tata McGraw Hill in 2011. It reveals tricks and concepts required in solving commonly asked programming problems. Salient features of the book are: 1) Collection of conceptual problems with solutions 2) Hidden concepts and tricks involved in such problems. 3) An exhaustive collection of Text problem 4) Techniques of solving the problems and 5) Errors frequently occurring in programme implementation by software developers. This book is useful for all branches of Engineering & other professional. The book is reviewed by Prof Yogesh Singh, Vice Chancellor, MS University of Baroda, Vadodara.

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