

FROM PRESIDENT'S DESK



Dear Members,

At the outset, I convey my sincere thanks & gratitude to all my colleagues in the Governing Council for re-electing me as the President of IETE for the year 2015-16. This second tenure would give me an opportunity to serve the fraternity for one more year. I thank all the members for their messages of greetings and good wishes.

While we hope to maintain our earlier pattern of activities, IETE has stretched its wingspan to undertake new skill development activities to empower the youth with education, skills and employment. For the first course under the Pradhan Mantri Kaushal Vikas Yojana (PMKVY) through TSSC, IETE HQ has chosen to provide training to the students in Optical Fibre Splicer. Skilling in such job roles will serve as a platform for the marginalized youth to take the training in pursuit of self employment, economic empowerment and equality. I am sure IETE Centres/ Sub-Centres will also participate actively in due course in these activities to reap the benefits of such programs. For more details, kindly visit www.pmkvyofficial.org.




Apart from our regular technical activities, conducted by the various Centres of the Institution from time to time, the IETE Apex Forum met on 24 July 2015 to hold discussions on "Internet Governance" at IETE HQs. The contentious issues in the Internet Governance were debated upon to analyze some of the divergent views on the subject. Another Apex Forum on "Monitoring & Control Systems for Safer Rail Transport" is being held at IETE Allahabad Centre on 12 Sept 2015.

The 58th Annual Technical Convention of the IETE will be held at TCS Auditorium, Kolkata on 26-27 Sep 2015 with the theme 'Computing & Computation for Social Development'. The 38th Ram Lal Wadhwa Award will also be delivered on the occasion by Dr V M Pandharipande of Osmania University, Hyderabad. I am sure that the ATC would be of a high order and attract delegates in large numbers.

Furthermore, I would like to congratulate IETE student awardees for the year 2014-15 for their excellent academic achievement and the corporate members who have made significant contributions to the profession and have won IETE awards in various categories. We acknowledge the hard work and dedication of our awardees-2015 while publishing their details in this issue. Congratulations to all of them! I wish them all a bright future ahead.

Finally, I take this opportunity to express my gratitude to the outgoing members of the IETE Governing Council for the wonderful job they did during their tenure and welcome the new Members. I invite all to share the IETE goals and help making it more efficient and effective, relevant and responsive, and attuned to the global standards. I seek your views and suggestions to improve IETE's image, stature & growth.


Smriti Dagur

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IETE HQs, New Delhi



President re-elected



Smt Smriti Dagur, President IETE has been re-elected as the President of the Institution of Electronics and Telecommunication Engineers for another term, ie. 2015-16.
Our Congratulations and Best Wishes to her!

Newly Elected IETE Distinguished Fellows - 2015



Lt Gen A K Agarwal, PVSM (Retd) (DF 060216) has been elected as the Distinguished Fellow of the Institution of Electronics and Telecommunication Engineers for the year 2015. He has served IETE as its Past President during the year 2008-10. Lt Gen Agarwal was commissioned in the Indian Army in the Corps of Electronics & Mechanical Engineering (EME) after BTech in Telecom. Later he obtained the degrees of MTech (Control Systems) from IISc Bangalore, MSc (Electronic Design) from Cranfield University, UK and MSc (Information Engg) from City University, London. He served Indian Army in various capacities involving repair & maintenance, design & development, and production of various Armed Forces Electronics, Telecom and Electronic Warfare equipment. He was elevated to the rank of Lieutenant General and was appointed as Director General Quality Assurance in the Ministry of Defence. During his service of nearly 39 years, Gen Agarwal had the distinction of participating in three important operations, one with China, and the other two with Pakistan. He held important assignments including one in the Ministry of External Affairs as First Secretary in the High Commission of India, London. For his distinguished services in the Army, Gen Agarwal was awarded Param Vishisht Seva Medal (PVSM) by the President of India. He is a veteran, professional, technocrat and an expert in Electronics, Telecom & IT. Presently, he is working for AVG Technologies Inc.USA, as its Head of Operations, India & Sri Lanka, specialized in Anti-Virus products for mobile phones, PCs and tablets. He is a well-travelled man who has trotted the globe. He is a US Green-card holder and spends two to three months in US every year.



Shri M L Gupta (DF 028243) has been elected as the Distinguished Fellow of IETE for the year 2015. Earlier, he served the Ministry of Foreign Affairs, Government of Netherlands, as a Chief Engineer and was responsible for planning & policies, installation, operation and maintenance of sophisticated electrical, electronics and telecommunication systems. During his tenure he was bestowed with the Excellent Performance Award by His Excellency, the Ambassador of Netherlands at New Delhi and was also honoured with the prestigious International Special Medal by the Kingdom of Netherlands in recognition of 25 years of outstanding contributions in the technical affairs. Shri Gupta is an engineering graduate from the Institution of Electronics & Telecommunication Engineers, New Delhi and an IETE C Engineer. He has an extensive experience in the field of Industrial Electronics and Electrical systems. He has served IETE as the Governing Council Member for three terms (2003-2006, 2007-2010 & 2011-2014); as Vice-President for continuous three times (2011-2012, 2012-2013 & 2013-2014); as the Chairman/ Co-Chairman of various IETE Committees (Publications, Skill Development Training and Placement Committee (2011-2012); Board of Examination (2012-2013, 2013-2014); Student Interaction Committee and Technical Programmes Committee and IETE Alumni Association). His significant contribution as the Chairman of Publications was the initiation of online submissions & peer reviewing of articles thereby increasing the visibility & standard of IETE Journals at international level. As Chairman, IETE Delhi Centre, he made valuable contributions for its development and initiated many programmes. He has visited countries like Netherlands, USA, Canada and Afghanistan.

Congratulations to Lt Gen A K Agarwal, PVSM (Retd), Past President IETE & Shri M L Gupta for being elected as Distinguished Fellows of the Institution of Electronics & Telecommunication Engineers.

The IETE Distinguished Fellowship will be conferred at the inaugural session of 58th Annual Technical Convention, scheduled to be held at Kolkata on 26 Sept 2015.

47th World Telecommunication and Information Society Day – 2015

The 47th World Telecommunication and Information Society Day was celebrated on 16th May 2015 at Delton Hall, IETE HQ on the theme, “**Telecommunications & ICTs: Drivers of Innovation**” which is in line with several of the core activities of the Institution. The occasion was graced by the presence of **Shri Rakesh Garg**, Chairman, Telecom Commission, & Secretary, Dept of Telecom, Ministry of Communication & Information Technology, as the Chief Guest and **Prof Jagadesh Kumar**, Electrical Engg Dept, IIT Delhi, as the Guest of Honour & Keynote Speaker and **Lt Gen (Dr) Vijay Kumar Saxena, PVSM, AVSM, VSM, DG, Army Air Defence**, the IETE-IRSI(83) Main Awardee for the year 2014. Other dignitaries sharing the dais were: **Smt Smriti Dagur**, President IETE, **Lt Gen (Dr) Rajesh Pant, PVSM, AVSM, VSM (Retd)**, IETE Governing Council Member & Co-Chairman Publication Committee and **Maj Gen P K Jaggia, VSM (Retd)**, Secretary General, IETE.

The celebrations started with the welcome of dignitaries. Lt Gen (Dr) Pant in his welcome address emphasized the objective of the Day and the importance of the theme selected by the ITU for this year. Prof Jagadesh Kumar, the keynote speaker, chose to speak on complex issue of net neutrality. He apprised that it referred to the ability of users to freely choose services and to

access the information made available by the content providers. However, internet service providers have the means to pick services and applications leading to service discrimination and have the ability to prioritize or de-prioritize the users selectively for commercial reasons rather than technical performance. He informed that when internet service providers are tempted to maximize their profit by prioritizing the services, it destroys the neutral nature of the internet. He urged the audience to use legitimate means to stop this active discrimination and protect the net neutrality. Lt Gen (Dr) Vijay Kumar Saxena, PVSM, AVSM, VSM, Dir Gen, Army Air Defence, was facilitated with the IETE-IRSI(83) Main Award-2014, during the event, which was to be conferred on him earlier at the Bangalore function. Smt Smriti Dagur, President IETE and Shri Rakesh Garg, Chairman, Telecom Commission, & Secretary, Dept of Telecom, Min of Comm & Info Tech also illuminated the audience with their views on the theme of the day.

The audience comprised of Past Presidents, Distinguished Fellows, Governing Council Members, Corporate Members, Students and staff of IETE and officials from other Departments / Organizations. The ceremony ended with the presentation of mementoes to the dignitaries by the President, IETE and a vote of thanks by Maj Gen P K Jaggia, VSM (Retd), Secretary General, IETE followed by the National Anthem.



Up-gradation of IETE Salem Sub-Centre as Erode Centre

IETE Salem Sub Centre was upgraded & renamed as the **IETE Erode Centre** on **27th Aug 2015** by the President IETE, **Smt Smriti Dagur**. The Sub Centre started in the year 2007 and functioned from Sona College of Technology, Salem. In the year 2014, it was shifted to Erode at Kongu Engineering College, Perundurai. It has 261 IETE Corp members, 16 IETE Student Forums and about 3200 student members under its aegis. The eminent personalities present during this upgradation ceremony were: **Shri C K Haridas**, IETE South Zone Coordinator; **Dr S Arumugam**, Chairman, IETE Erode Centre and CEO, Nandha Educational Institutions; **Dr G Murugesan**, Immt Past

Chairman of the Centre and HOD, Dept ECE, Kongu Engg College; **Shri V K Muthusamy**, Correspondent, KEC, **Prof S Kuppuswami**, Principal, KEC; **Dr P N Kumar**, Chairman, IETE Coimbatore Centre and **Dr N Kasthuri**, Hony Secy, IETE Erode Centre.

To commemorate the event, a seminar on “**Design of Small Satellites**” was arranged, in which **Dr Vinod K Agarwal**, Former Scientist, ISRO Satellite Centre; **Shri Venkata Rao**, Former Scientist, ISRO Satellite Centre, Bangalore and **Shri B P Vasanth Kumar**, Founder, Indian Space Station, gave demonstration on the design of the satellites.



Newly Elected Governing Council Members (2015-18)

IETE congratulates the newly elected Governing Council Members)



Dr S K Aggarwal (F015676L) presently working as Principal at KIIT College of Engineering, Gurgaon, is an alumnus of IETE, an MBA and a PhD. He has 40 plus years of wide ranging technical/managerial experience in Government, Industry, Academia and R&D. As a Scientist ‘F’ in DIT(MCIT), he spearheaded various e-infrastructure development projects with ERNET India, C-DAC, C-DOT, IITs, DRDO, NPL, CEERI, STPI, BEL, ECIL,ITI, DOEACC, NIXI, NIC, etc. He has actively associated himself with IETE and contributed to its growth & development in many ways including securing various government projects viz. e-class rooms project for quality education of IETE students and skill development in ESDM scheme. He has served IETE in various capacities as Governing Council Member, Centre Chairman, executive committee member etc. The organisations he served include: Indian Telephone Industries, Oil India limited, Assam,

Technical Labs of Intelligence Bureau, Ministry of Home Affairs, and DeitY, MC&IT, Government of India.



Wg Cdr K C Bhardwaj (Retd) (F048493) MSc (Electronics), ALCCS, Grad IERE (UK), has been the past Delhi Centre Chairman during 2010–2012 & 2012–2014; Ex-Officio Member of Governing Council (2010-2014). He has twenty-nine years of experience in Air Force, Telecommunication & Radar Systems, three years in DRDO and more than six years in Industry (Tata Power Communications). He has been associated with IETE for the past 32 years and has served Delhi Centre as its EC member, Treasurer, Vice-Chairman and Chairman for two consecutive tenures. During this period, there had been an overall improvement in all divisions of the Delhi Centre and it was awarded the Best Centre Award for three times. He annexed ISO 9001:2008

certification at IETE Delhi Centre, the only Centre to achieve this feat. Wg Cdr Bhardwaj has worked selflessly towards the improvement in teaching methods, infrastructure and computer & Electronic Labs of the Centre. As an Ex-officio member of the Governing Council, he has served in various committees and taken keen interest in the activities of Institution. Member of AMIE, MIMA.



Lt Gen (Dr) AKS Chandele, PVSM, AVSM (Retd) (DF113460L) was commissioned in the Indian Army in the Corps of EME in 1970 and served for over four decades. He retired as Director General EME in 2010. His specialization lies in Radars and Control Systems. He has been

trained on Missile Systems in Soviet Union. Has to his credit ME(Hons) Bio Medical Engineering, IIT Roorkee; MSc, MPhil, PhD in Defence Science & Management; Diploma in Business Management. He is also a Graduate of Defence Services Staff College, Higher Command and National Defence College. Gen Chandele is a Distinguished Alumni of IIT Roorkee; Distinguished Fellow of IETE, Fellow and Distinguished Engineer of the Institution of Engineers. He has been awarded Param Vishist Sewa Medal and Ati Vishist Sewa Medal by the President of India. Senior member CSI and AIMA. Currently, he is an Independent Director L&T HE IC, President- Defence & Internal Security, Geospatial Media & Communications, Governing Council member of Indian Golf Union and Women's Golf Association.



Prof (Wg Cdr) P Prabhakar (Retd) (F030017L) started his career as Asst Prof at GND College of Engineering, Ludhiana and after a short stint he was selected for the Indian Air Force as a Commissioned Officer in Aeronautical Branch (Electronics). In service,

he held various prestigious appointments and the command of two Units. He was selected to undergo training for the induction of Mirage 2000 aircraft weapon delivery system at France for a period of 10 months. During his service career he received many prestigious awards and appreciations. He took premature retirement in 1997 from IAF. He has been associated with establishment of six Engg Colleges in the state of Punjab, Haryana and Himachal Pradesh. At present, he is an Advisor to an upcoming University and is establishing Skill Development Centre with the help of the Industry. Apart from the current academic activities, he is involved with research activities in the area of nanofluids and its applications for heat dissipation in microelectronics and solar energy. He has been associated with IETE for last 36 years. He has been the Chairman of IETE Chandigarh Centre during 2004-06 & in the Governing Council during 2010-13 and 2014-15.



Shri D Rajagopal (F046336L) completed Advanced Electronics and System Engineering Course (AESE) with distinction from Military College of Telecommunication Engineering (MCTE), Mhow, while serving in Indian Army, Corps of Signals. He did the Foreman of Signals course at MCTE and won the Commandant's Gold Medal for standing First in order of merit. Served as an Instructor and as JCO i/c Training in 1 Tech Trg Regt and 3 Tech Trg Regt. He was deputed to LRDE, DRDO in 1984 and joined the team pursuing research on Army Mobile Network. He obtained Post Diploma in Computer Engineering from Board of Technical Examinations, Karnataka with second rank in Karnataka State in 1985 and completed AMIETE in 1986. He joined LRDE, DRDO as a civilian in 1988 and retired from LRDE as Scientist-D in 2006. While at LRDE, he was the Scientist in Charge of Microwave Measurements Lab, Far Field Antenna Test Range and Planar Near Field Measurements Lab. He has won several Republic Day Awards at LRDE for various R&D activities and was awarded the B R Batra Memorial Award of IETE for selfless service in promoting the cause & objectives of the Institution in 2004. He was instrumental in reviving the International Radar Symposium India (IRSI) in 1999 after a lapse of 16 years from the first event. The highly successful IRSI-99 was made a biennial series. He has successfully organized the past IEEE International symposium on Microwaves consecutively & many others. The annual event of IETE Bangalore Centre called the IETE Conference on RF & Wireless (Icon RFW) was created by him in 2007 and it continues till date. He has been associated with this Centre since last 30 years and served it in various capacities. He is also an Ex-Officio member of the IETE Governing Council (2012-2014) and a senior member of many professional bodies.



Prof (Dr) V Gunasekhar Reddy (F122825L) PhD, PGDBA, CE, CCNA, has been associated with IETE for last thirty years and served IETE in the capacities as that of Council Member (2011-14); ExeCom Member; Treasurer and Chairman (2008-10) for IETE Hyderabad Centre. He has served as DIG of Police & Addl. Dir (Police Comms) AP and retired in Jan 2011. Presently, he is serving as Prof ECE in Mahaveer Institute of Science & Technology, Hyderabad and as a Consultant for National & International Organizations on Secure Telecommunications including Tirumala Tirupati Devasthanams, Tirupati. Obtained 35 years of rich experience in Telecommunication & IT while working with AP Police Communications Organization; UPTRON India Ltd; Bharath Electronics Ltd. and Videsh Sanchar Nigam Ltd. He has also worked as UN Civil Police Officer at Kosovo during 2004, as Team Leader & Project Head for Tetra Radio trunking for Cyberabad during 2008-10, first of its kind in Indian Police scenario for secure communications, GPS, data

& video applications. He has delivered lectures in his subject areas at many professional colleges/organizations/ schools and published papers in scientific journals & book on Atmospheric Constraints in HF/UHF/Satellite Communication in the Indian sub-continent. He is a senior member of many professional societies.



Prof (Dr) K T V Reddy (F131317L) is BTech (ECE) from S V University, MTech and PhD (Communication) from IIT Bombay. Has worked with many prestigious institutions like Govt Model Residential Polytechnic, Madanapalli, AP; Shah & Anchor Kuchhi Engineering College,

Chembur and Fr C Rodrigues Institute of Tech, Vashi, at senior positions. Was involved in setting up the modern laboratories in the ETE Depts of these colleges; has also worked as Principal at Padmabhusan Vasantdada Patil Prathishan's College of Engineering, Sion, Mumbai for three years and as the Principal of Terna Engg College, Nerul for two years. Has been a key member in introducing post-graduation courses in these colleges and has improved the Industry–Institution relationship and placements considerably. His research interests are Wireless Networks, Mobile networks, RFID, Microwaves, Digital Signal Processing, Satellite Communications, Radar Engineering and Telecommunication Network Design etc. He published over 100 papers in the National / International journals and conferences. Dr Reddy is a Fellow Member of many professional societies. Has served IETE Mumbai Centre in various capacities. Under his chairmanship, the Centre has acquired its own premises. He is one of the key members to inaugurate over 30 IETE - ISFs in and around Mumbai colleges. Dr Reddy is the recipient of many coveted awards and recognitions.

Casual Vacancy (2015-16)

Col Balraj Anand (Retd) (F109714L) is MSc in Physics with Electronics as specialization from Honours School Punjab



University; MBA in Information Systems & LLB (Hons) from Indore University and a graduate of Technical Staff College from Indian Institute of Armament Technology, Pune. Has served in Defence Telecom Deptt for 27 years & held different assignments. He possesses rich experience in the field of operations & maintenance of Telecom Networks & Project Management and was actively associated in providing reliable & fail safe communications during Kargil war. Been awarded commendation card by Vice Chief of Army Staff for his commitment & devotion to duty. He was the head of a specialized Defence Telecom Organization which is responsible to provide ground to air radio communications from years 1999 to 2002. He worked in the corporate sector for 13 years . He is a Fellow of IETE & was ex-officio member of the IETE Governing Council (2008-10) & its elected member from 2011 to 2014. He was Chairman of IETE Delhi Centre during 2008–2010. He has taken many initiatives to promote skill development programmes in the IETE. At present Col Anand is pursuing his interest in legal profession & practicing at Delhi High Court & Supreme Court of India.



Shri Vijay Gupta (F012510L) is an IETE alumni, & Chartered engineer IETE, IEI and IET(London), FBES, FIIMM, Sr. Member IEEE, Member CSI & AIMA. The degrees obtained are MSc, Grad IETE & Grad IEI. He retired as Director (Engineering) from AIR & DD after serving for 37 years. He has served IETE Delhi Centre as Hony Treasurer & Executive Member. He has published 39 technical papers and is a recipient of many prestigious awards. A firm believer in the team work and developing of skills in young engineers, he is presently working as a consultant and a Govt registered/ approved valuer for a plant & machinery, owned by him.



Renewed Certificates of Registration : IETE JOURNALS & NEWSLETTER from RNI (Office of the Registrar of Newspapers for India)

Apex Forum

A round table conference under the aegis of IETE Apex Forum was held on **22 Jul 2015** at IETE HQ, New Delhi. The topic for discussion was “**Internet Governance**”. The objectives of the conference was to identify different aspects of Internet Governance and their relevance and implication in Indian context; key role played by Internet in the country; scope of Internet Governance; structure of Internet and Governance Framework; China’s approach to Internet and Internet Governance; importance of Network Neutrality and its imperatives; and issue with ICANN. The Conference was chaired by **Smt Smriti Dagur**, President IETE. The Chief Guest and main sponsor of the event was **Dr Govind**, CEO NIXI. **Lt Gen Nitin Kohli**, AVSM, VSM, SO-in-C & Col Comdt

was the Guest of Honour. While welcoming the participants **Lt Gen (Dr) S P Kochhar**, AVSM and Bar, SM, VSM (Retd), Co-Chairman, SD&ICC presented his overview on the theme. The panelists included-**Prof M P Gupta**, IIT Delhi; **Shri S K Prusty**, Director, International Cooperation, DoT; **Prof Huzur Saran**, IIT Delhi; **Shri Vimal Wakhlu**, CMD, TCIL, as subject experts.

The event was graced by IETE Past Presidents, Distinguished Fellows, Governing Council Members, Corporate Members, and officials from other departments. The recommendations have been compiled and will be shared with the stakeholders. The forum ended with vote of thanks by **Maj Gen P K Jaggia**, VSM (Retd), Secretary General, IETE.



IETE ANNUAL AWARDS FOR THE YEAR-2015

Congratulations to all of the Awardees !

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 2015, which are as follows :

IETE Main Awards

IETE - Ram Lal Wadhwa Award : Dr V M Pandharipande, Osmania University, Hyderabad

IETE - Bimal Bose Award : Prof Mahesh Kumar, IIT, Madras

IETE - Lal C Verma Award : Shri KVB Vasantha Rayudu, DRDO, Hyderabad

IETE-Flt Lt Tanmaya Singh Dandass Memorial Award : Shri Anand Suhas Gharpure, Quality Manager, HRPL Pvt Ltd, Nashik

IETE - Prof S N Mitra Memorial Award : Dr Sudhakar K Rao, Northrop Grumman Aerospace Systems, CA, USA

IETE - B V Baliga Memorial Award : Dr S Arumuga Perumal, S T Hindu College, Nagercoil, A.P.

IETE - B R Batra Memorial Award : Wg Cdr D N Misra(Retd), Chandigarh

IETE – Brig M L Anand Award : Prof Ajay Purushottamrao Thakare, Sipna College of Engg and Technology, Amravati

IETE- Biman Behari Sen Memorial Award : Dr J Manikandan, PES University, Bangalore

IETE-Smt Manorama Rathore Memorial Award : Dr Rakesh Singh Kshetrimayum, IIT, Guwahati

IETE-Smt Ranjana Pal Memorial Award : Prof Pujara Dhaval Kumar, Nirma University, Ahmedabad

IETE-Technomedia Award for Young Women in Engineering : Dr Sarbani Chakraborty, BIT, Mesra, Ranchi

IETE-Smt Triveni Devi Gupta Memorial Award : Mrs T K Anuradha, ISRO Satellite Centre, Bangalore

IETE-Life Time Achievement Award : Prof S C Dutta Roy, Distinguished Fellow, IETE and Brig SVS Chowdhry (Retd), Distinguished Fellow & Past President, IETE

IETE Corporate Awards

IETE has eight corporate awards one in each of the four areas of Electronics Components, Computer & Telecommunication Systems, Development of Software and Electronic Instruments & Instrumentation, separately for Large Enterprises (LEs) and Micro/ Small/ Medium Enterprises (MSMEs) for recognizing performance excellence of the corporate sector (establishment/ organization/service entrepreneur/Industry). The only awardee in this category is in MSMEs category that is

IETE-Corporate Award for Performance in Computer & Telecommunication Systems : M/s Modern Communications and Broadcast Systems P Ltd, Gandhinagar, Gujarat

No nominations were received in respect of IETE-Corporate Award for Performance Excellence in Electronic Components (Large Enterprises & Micro / Small/ Medium Enterprises), IETE-Corporate Award for Performance Excellence in Development of Software (Large Enterprises & Micro / Small/ Medium Enterprises), IETE Corporate Award for Performance in Electronic Instruments and Instrumentation (Large Enterprises & Micro / Small/ Medium Enterprises) and IETE Corporate Award for Performance in Computer & Telecommunication System (Large Enterprises).

IETE Best Paper Awards

For the articles published in IETE Journals during the year 2014 : Out of all the articles published in IETE Journal of Research, IETE Technical Review and IETE Journal of Education in the calendar year 2014, the following articles have been selected for awards by the Board of Recognitions of

Excellence. The Awards will be presented during the Annual Technical Convention-2015.

IETE S K Mitra Memorial Award for the best research oriented paper titled, "Filter Design methodology and Application of GaN HEMTs in High Frequency DC/DC Converter" by D Cucak, M Vasic, O Garcia, J Oliver, P Alou and J A Cobos published in May-Jun 2014, JR

IETE J C Bose Memorial Award for the best engineering oriented paper titled, "Maritime Radar Target Detection in Presence of Strong Sea Clutter Based on Blind Source Separation" by Hamzeh Ghahramani, Morteza Barari and Mohammad Hassan Bastani published in Sep-Oct 2014, JR



IETE's Scientific and Industrial Research Organisation (SIRO) status renewed till 31st March 2018.

IETE M N Saha Memorial Award for the best application oriented paper titled, "A novel segmentation methodology for Cursive Handwritten documents" by Subhash Panwar and Neeta Jain published in Nov-Dec 2014, JR

IETE K S Krishnan Memorial Award for the best system oriented paper titled, "False Data Elimination in Heterogeneous Wireless Sensor Networks Using Location Based Selection of Aggregator Nodes" by M K Sandhya, K Murugan and P Devaraj published in Mar-Apr 2014, JR

IETE CDIL Award for Industry NONE

IETE Gowri Memorial Award for the best paper on topic on general interest titled, "Honest Ethics for Engineers: A New, Realistic Approach to Teaching Ethics Codes" by S. Ratnajeevan H. Hoole published in Sep-Oct 2014, TR

IETE Students' Journal Award for the best paper from IETE Journal of Education titled, "The Catalan Teaching Tool- A Learning Process Design for Supplemental Instruction and Learning Process Facilitation" by Aquila Khanam, Vinay krupakaran, Snehanthu Saha, Kishore Venkatesan and Arvind Shekar in Jul-Dec 2014, JE

IETE Academic Awards

Following are the recipients of the IETE Academic Awards

AMIETE AWARDS (Degree Level)

➤ **Subramanian Thyagaraja Award** for securing the highest percentage with 6.5 GPA and above marks and completing Part 1 of Section A in one attempt without exemption.

June 2014

AMIETE ET

236002 GURRAM HARISH - GPA = 7 (New Scheme)
235570 BHAGAVATULA - GPA = 9.2 (Current Scheme)
SHIVA VIKRAM

➤ **AMIETE Council Award-I** for securing the highest percentage with 6.5 GPA and above marks and completing Part-II of Section A in one attempt without exemptions.

June 2014

AMIETE ET

235559 NAMEIRAKPAM - GPA=7.167 (Current Scheme)
GENESHWORI DEVI

AMIETE CS

231638 MD ANISH SHAH - GPA=7.83 (Current Scheme)

December 2014

AMIETE CS

236433 SHOUGAIJAM RAHUL SINGH-GPA=6.83 (New Scheme)

➤ **AMIETE Council Award-II** for securing the highest percentage with 6.5 GPA and above marks and completing Part 1 of Section B in one attempt without exemptions.

June 2014

AMIETE ET

234319 KSHETRIMAYUM JASMA DEVI-GPA=7

AMIETE CS

232809 MUMMALANENI RAJA SEKAR-GPA=6.8

December 2014

AMIETE ET

234381 BRIJESH SINGH SACHAN-GPA=6.8

➤ **AMIETE Council Award-III** for securing the highest percentage with 6.5 GPA and above marks and completing Part-II of Section B (except project) in one attempt without exemptions.

June 2014

AMIETE ET

231592 HAOBAM PRAMOD KUMAR SINGH - GPA=8.25

AMIETE CS

226631 SONAL KATARIA - GPA=8.5

December 2014

AMIETE ET

229478 SATYESHWAR PRASAD UNIYAL - GPA=6.75

AMIETE CS

229132 S YOGESH PRABHU - GPA=7.75

➤ **Smt Radhabai Kapre Gold Medal Award** for securing the highest percentage with 6.5 CGPA and above marks and completing AMIETE in 4 years attempt without exemptions.

June 2014

AMIETE ET

219932 MANJEET KUMAR - CGPA = 8.88

AMIETE CS

219751 NEETHU MANOHAR - CGPA = 7.96

AMIETE IT

219421 SAUMYA SAXENA - CGPA = 8.14

December 2014

AMIETE ET

223765 SHIV PURARI SHARMA - CGPA=8.074

AMIETE CS

229132 S YOGESH PRABHU - CGPA = 8.0

AMIETE IT

230001 N DEBENDRA SINGH - CGPA = 7.963

➤ **Hari Mohan Memorial Award** to a girl student securing the highest percentage with 9 GPA and above marks in both the mathematics papers of ET, CS & IT streams of the AMIETE examinations conducted in the first year (Jun & Dec exams) of her registration with IETE.

June 2014

AMIETE ET –

235559 NAMEIRAKPAM GENESHWORI DEVI - GPA = 9.5

➤ **AMIETE- Gopal M Dandekar Memorial Award** to a girl student securing the highest percentage with 6.5 GPA and above marks and completing AMIETE (considering ET, CS & IT streams of current Jun and Dec exams together) in four years without any exemptions.

219421 SAUMYA SAXENA AMIETE-IT - CGPA = 8.14

DIPIETE AWARDS (Diploma Level)

➤ **DIPIETE Council Award-II** for securing the highest percentage with 6.5 GPA and above marks and completing Part-II of Section A in one attempt without any exemptions.

June 2014

DIPIETE ET

235522 PERAMSETTY SUDHAKAR - **GPA=9** (Current Scheme)

➤ **DIPIETE Council Award-III** for securing the highest percentage with 6.5 GPA and above marks and completing Part-I of Section B in one attempt without any exemptions.

June 2014

DIPIETE CS

233235 NAYANA G - **GPA=7.25**

Dec 2014

DIPIETE ET

177533 VASOYA MAULIK RAMESH KUMAR - **GPA=6.5**

➤ **DIPIETE Council Award-IV** for securing the highest percentage with 6.5 GPA and above marks and completing Part-II of Section B in one attempt without any exemptions.

Dec 2014

DIPIETE CS

233235 NAYANA G - **GPA=7.667**

➤ **DIPIETE Council Award-V** for securing the highest percentage with 6.5 CGPA and above marks and completing DIPIETE in 3 years without any exemptions.

June 2014

DIPIETE ET

225395 R RAM KUMAR - **CGPA = 8.09**

DIPIETE CS

225806 SUMAN PODDAR - **CGPA = 7.33**

Dec 2014

DIPIETE ET

228538 CHHABILA RAM - **CGPA=7.714**

DIPIETE CS

229030 RENJU PREM A - **CGPA=7.524**

➤ **DIPIETE-Gopal M Dandekar Memorial Award** to a girl student securing the highest percentage with 6.5 CGPA and above marks and completing DIPIETE (considering ET & CS streams of current June and Dec exams together) in three years without any exemptions.

DIPIETE CS

227943 POOVATHANKANDY N - **CGPA=7.476**

News from Centres

A number of activities were organised by IETE Centres/ Sub-Centres during the last quarter of the year. The celebrations of 47th World Telecommunication & Information Society Day (WTISD) on “Telecommunications and ICTs: Drivers of Innovations” has also been reported in short to give due coverage to maximum news sent by various IETE Centres. Any important event, if not included in the issue shall be covered in the next issue of IETE Newsletter, depending on the availability of space and quality of information.

AHMEDABAD

- The **47th WTISD** on the theme “**Telecommunications and ICTs: Drivers of Innovation**” was jointly celebrated by IE(I), Gujarat State Centre, CSI, Ahmedabad Chapter, IEEE ComSoc, Gujarat Chapter & IETE Centre on 17 May 2015. More than 125 delegates registered for the event. **Shri Ashish Chauhan**, MD and CEO of Bombay Stock Exchange and **Dr Sanjay Chaudhary**, Prof & Res, Dean of Ahmedabad University, were the Chief Guest & the keynote speaker, respectively. A video message from ITU President **Mr Houlin Zhao** was played on the occasion. The chairmen of the societies present in the function briefed about their Centers’ activities. This event received overwhelming response and was supported by GESIA (Gujarat Electronics & Software Industries Association), Association

of British Scholars, Ahmedabad Chapter, Broadcasting Engineers Society Ahmedabad and Gujarat Innovation Society.



47th WTISD - Joint celebration at Ahmedabad

- 40th AGM** of the Centre held on 27th Jun 2015, was attended by more than 60 members.
- Short term course on “**JAVA**” was conducted on 25th Jul-29th Aug 2015.

ALIGARH

The IETE Aligarh students got together and organized different events, like the general quiz, cricket quiz and essay writing competition on 25th April 2015 at its EE Dept of Zakir Husain College of Engineering and Technology (ZHCET) AMU, Aligarh (UP). A good number of students participated in the event and the winners of each competition were given cash prizes and certificates.

AMRAVATI

The Centre conducted interesting and useful activities for its members as follows:-

- 12/02/ 2015: A one day seminar on ‘**Consumer outreach program by TRAI**’ by Dr Mathews from TRAI, Bangalore, giving detailed presentation on the consumer bandwidth and security issues related to data usage on wireless.
- 16/02/ 2015: A national level technical fest “**Vidyoyan**” by the Sipna COET, Amravati wherein Dr Alok Shrivastava ISRO, delivered a lecture on the accomplishments and achievements of the Mission on Mars.
- 27/02/2015: A national level technical fest “**PRANETA 15**” organized by JDIT, Yavatmal, which comprised events like: Project Competition, Robo-War, Robo-Task, Website Designing, Coding and Decoding, Paper Presentation etc.
- 23/2/2015: Yet another national level techfest “**Tech-Know Experts 2015**” was organized by the students of ISF, PRMIT & R Badnera. It was inaugurated by Dr S G Bhurd, Prof at VJTI and Ex Advisor, AICTE.
- 8 /03/ 2015: **International Women’s Day** Celebration for Women’s Empowerment, that included talks by the invited experts for the day and events like-Project presentation, Contraption, Circuit mania, Code Olympics & Mix station etc.
- 10/03/2015: **Blood Donation Camp** was held with around 167 students and ISF Members who donated their blood on the day.
- 26/03/2015: A state level technical event “**Techno vision 2K15**” by ISF Govt Polytechnic, Amravati.
- The Centre has recently been connected to Teamlease - a nodal agency for skill development initiatives and to Nehru Yuva Kendra (NYK) to conduct various programmes of Prime Minsiter Kaushal Vikas Yojana under National Skill Development Corporation (NSDC) scheme. It is beneficial for the centre as well as for the Institution.

BANGALORE

02-04 Mar 2015: A three-day workshop on “**Statistical Signal Processing**” was organized in association with Dept of E&C, MS Ramaiah Institute of Technology (MSRIT), Bangalore. The inauguration ceremony was graced by the eminent personalities - **Shri Chidambar S Y**, Scientist ‘E’, ADA, Bangalore; **Dr M H Kori**, IETE Governing Council Member; **Dr S Y Kulkarni**, Principal, MSRIT; **Dr S Sethu Selvi**, HOD, Dept of E&C, MSRIT. The workshop aimed at training the people working

in the area of Signal Processing. The participants were from ADA, Min of Defence, Bangalore; HAL, Hyderabad; RCMA, Hyderabad; BVB College of Engg, Hubli. The workshop facilitated knowledge sharing and proved very valuable for the participants.

08 April 2015: **Prof C Murali**, Vice President, IETE, delivered a technical talk on “**Wireless Generations**” at Nanda College of Engg, Erode, Tamil Nadu.

12-26 April 2015: **Mathematical Foundation Course (MFC-2015)** was conducted successfully for the students of class V, VI and VII Std by **Prof J Paramshivan** and **Mrs Bindu**.

19 April 2015: **Dr M V Chaitanya Kumar**, Principal, KNSIT, Bangalore conducted a one-day workshop on “**Antennas and Propagation**” and explored the fascinating world of antennas from its physical concepts to its innumerable applications. **Dr M H Kori** was the Chief Guest while **Shri D Rajagopal**, Immdt Past Chairman, was the Guest of Honour on the occasion.

20 April 2015: **36th Summer School in Electronics (SUSIE-15)** for school going children of 9th & 10th standards, for the academic year 2014-15, was inaugurated by **Shri D Rajagopal**, Immdt Past Chairman. Eighteen school children attended this course, which gave them hands-on practical experience in the electronics field.

BHOPAL

47th WTISD was celebrated by IETE fraternity at the Centre jointly with Sagar Institute of Research, Technology and Science (SIRTS), Bhopal, on 18th May 2015. During the event, **Dr Upadhyaya**, Dir, SIRTS, spoke on the importance of communications and ICTs and its impacts on society. **Dr Prasanth Jain** touched upon the topic of Modern



ISF inaugurated and 47th WTISD celebrated at SIRTS, Bhopal

Communications in the society. Chairman, SIRTS, **Smt Kiran Agarwal** in her speech advised students to join ISF for enhancing their professional knowledge and skill sets. **Dr K P Gowd**,

Centre Chairman, inaugurated the ISF Chapter at the college & delivered a lecture on “**Skill Development of Graduate Engineers for Entry Level Employment**”. He emphasized on the importance of learning different skill sets required for different streams of Electronics such as manufacturing, testing, quality control, cyber/network security, archival monitoring and network administration.

BURDWAN

To commemorate the "Digital India" endeavour, IETE Burdwan Sub Centre and ABS Academy, Durgapur, jointly organized a one day workshop on “**E-Learning Resources in Education**” on 25 Jul 2015 at ABS Academy. This was an introductory training course for familiarizing the educators with presently available various E-Learning Resources for skill enhancement.

CHANDIGARH

Maharishi Markandeshwar University Sadopur, Ambala, organized a National Conference on **Advances in Engineering, Technologies & Management (ATEM-2015)** on 4th April 2015 in technical support with the IETE Centre. The accepted papers of the Conference have been published in the International Organization of Scientific Research (IOSR) Journal. The august presence of **Dr Amod Kumar**, Director, CSIO, Chandigarh, as the Chief Guest and **Dr S D Sharma**, Vice-Chancellor, MMU Sadopur, as the Guest of Honour, helped the researchers & academicians in identifying fruitful directions for further research as they inaugurated the event. **Shri S K Angra**, Centre Chairman, chaired the technical sessions and also delivered an invited talk.



Dignitaries releasing the souvenir during the National Conference, Chandigarh

- **Prof Garima Saini**, Asst Prof, Dept of ECE, National Institute Teacher Training & Research (NITTR), Chandigarh, delivered an invited talk on “**GSM and 3G**” on 2nd May 2015.
- An invited talk on “**ORCAD Software**” by **Ms Preeti**, Faculty of IETE Chandigarh Centre, was arranged on 5th May 2015. 30 students of Indo Swiss training Center and CSIO attended the talk.

- On the occasion of **47th WTISD** on 17th May 2015, **Dr Sanjay P Sood**, Head, State e-Governance Mission, DIT-Chandigarh & **Dr Ruchi Singla**, HoD, ECE Chandigarh Engg College, Landran, Mohali, delivered technical talks on various aspects of ICTs that are playing major role in present day innovations. **Prof (Wg Cdr) P Prabhakar (Retd)** and **Prof (Dr) A K Saini**, Governing Council Members of IETE also addressed the audience on the occasion. Other speakers were: **Shri S K Angra**, Centre Chairman, Dr Neelesh Kumar, Hony Secy of the Centre and Dr P K Awasthi, Hony Treasurer of the Centre.

- An industrial visit to **Central Scientific Instruments Organisation (CSIO), Chandigarh** for the Industrial Training of the Students, was organized on 19th Jun 2015. 80 students visited the CSIO Organization.

- **Shri Subhash Chander Jain**, Vice Chairman IETE, Chandigarh Centre delivered a lecture on “**Fiber Optics**” on 20th Jun 2015.

- **Shri SK Angra**, Centre Chairman, delivered a talk on “**Instrumentation Science and Elemental Analysis**” for Students of Industrial Training, on 27th Jun 2015.

- The Centre held its 38th AGM -2015 on 28th Jun, 2015.

- To promote “**Green IETE**”, the Centre organized a tree plantation drive in the campus on 1st Aug 2015. Thirty plants including Ashoka, Amla, Harar and Mango, were planted in IETE campus. This was followed by an invited talk by **Dr Ravinder Singh Zandu**, an IT Professional and Consultant, UK, on “**Cloud based Solutions and Project Management**”, which was jointly organized by the Centre and CSI, Chandigarh Chapter. **Shri S K Angra**, and **Wg Cdr D N Misra (Retd)**, graced the event as Chairmen from respective organizations. Best question competition on above topic was also conducted. 55 students from ISF Chapters & IETE participated the competition.

CHENNAI

The Centre celebrated **47th WTISD** at the auditorium of All India Radio, Chennai on 17th May 2015. The other professional Institutions, namely IEEE, IET, IE (I), CSI & BES (I) celebrated the function jointly. **Shri S Ramaswamy**, Centre Chairman, expressed his views on the significance of the Day. **Prof D Narayana Rao**, IETE Governing Council Member & Chairman of Pubs Committee, read the message from Secretary General of ITU. **Shri R Ganeshan**, ITS, Sr GM, Chennai Telephones, BSNL graced the occasion as chief guest and delivered key-note address on latest advancements in telecommunication.



WTISD celebrated jointly with professional institutions at Chennai

Shri P Vjayaragavan, Sr Specialist - System Analysis, AON Services (I) Pvt Ltd, Chennai, gave his presentation on how Telecomm & ICTs are closely linked and explained on some of the new innovations which help the society at large. **Shri K P Ramanathan**, Chairman, IE(I), **Shri N Thyagarajan**, Council Member of BES, **Shri K Baskaran**, Chairman, CSI, **Shri Shesadri**, Member IET & **Shri Shanthose Kumar**, Member IEEE, expounded various aspects of the theme selected for the Day.

- A technical lecture on “Recent Trends in Optic Fiber Technology” by **Shri A Sadagopan**, Asst Gen Mgr (Retd), BSNL, Chennai was conducted on 5th June 2015, jointly with IE (I).

DEHRADUN

The Centre organized a technical lecture on “Advance Signal Processing using Wavelet Technology” by **Prof Mohit Kumar Srivastava**, HOD Electronics Engg Dept, MPEC, Kanpur on 27 July 2015 at Sir J C Bose Auditorium, DEAL, Dehradun. The speaker explained the intricacies of wavelet technology in an effective manner and elaborated it’s usage in communication, image processing and data mining. The lecture was attended by large number of IETE members. **Sh R K Agrawal**, Assoc Dir, DEAL, presented a memento on behalf of IETE Dehradun Centre to Prof Mohit Kumar Srivastava as a token of appreciation.

DELHI

- To commemorate the 47th WTISD a technical lecture on “Telecommunication and ICTs: Drivers of Innovation” was arranged by **Dr Tarun Rawat** on 17th May 2015.
- A one day seminar on “Ethical Hacking” was organized on 20th May 2015 emphasizing on various security measures such as Cryptography and Steganography, Networks sniffers and Proxy, IP and MAC spoofing, SQL injection etc. with demonstration. The students participated with great enthusiasm.
- The Centre also organized an exhibition on ‘Electronics for You Expo’ at Pragati Maidan for 3 day from 26–28 Feb 2015 in

collaboration with Redefine Dimensions Convergence Pvt Ltd, New Delhi.

DHARWAD

The Sub-Centre celebrated the WTISD on the theme “Telecommunication and ICTs : Drivers of Innovation” jointly with IE (I), Dharwad; Dharwad Technicians Chapter on 19th May 2015. The Chief Guest **Er Gunashekar**, Telecom Officer, BSNL, Hubli, expressed his views on the advanced communication and its growth in the ICT related sectors, which are said to be the main tools and drivers for innovation in 21st century. He further added that these activities were very useful in the domains of medical, healthcare, agricultural and defence. He appreciated the ICT innovations for the use of welfare of the mankind which makes the life simpler & efficient but also cautioned about its misuses. **Dr M R Kappalli**, Chairman Sub-Centre, presided over the function. In his remarks he touched upon how ICTs were helping in speeding up the innovations & avoiding the duplication work concurrently. **Prof S S Kerur**, Chairman Sub-Centre also spoke in details about the topic.

HYDERABAD

The Centre celebrated 47th WTISD on “Telecommunications and ICTs-Drivers of Innovation” in association with IE(I), CTMS and BES(I), Hyderabad Chapter on 17th May 2015 at IE (I). The welcome address was delivered by **Dr K Jaya Sankar**, Centre Chairman. **Shri Tummala Nageshwar Rao**, Hon’ble Minister of Roads & Bldg, Women & Child Development, Govt of Telangana, graced the occasion as the Chief Guest.



Dr T H Chowdary, Past President & DF, making a point during 47th WTISD 2015, IETE Hyderabad Centre

Dr I Satyanarayana Raju, Chairman, IE(I) presided over the programme. **Shri MBS Purushottom**, Chairman, BES presented the overview of the theme. **Shri Pendyala Krishna Sastry**, Head, Fraud Mgmt and Digital Forensics, Tata Consultancy Services delivered a talk on “Security in Cyber Space”.

11th **Dr T H Chowdary-CTMS Endowment Lecture** was organized on the same day, wherein **Shri K Subbi Reddy**,

Immdt Past-Centre Chairman presented the background of the endowment lecture. **Dr J Satyanarayana**, IAS (Retd), IT Advisor, Govt of AP & former Secretary DeitY, GOI, dwelled on “**Digital India-Smart Cities**”. Dr T H Chowdary, Past President & DF, IETE and former IT Advisor, Govt of AP, addressed the gathering as well. The Centre felicitated Dr Chowdary on the occasion.

JABALPUR

To celebrate WTISD -2015, a large number of members & students gathered at the Sub-Centre on 17th May 2015. Eminent members present were : **Shri Amrendra Narayan** Member APT (Retd) and **Dr G C Manna** CGM, BSNL (TTC) Jabalpur. **Shri N Vishwakarma**, Centre Chairman, delivered the welcome address and read out the message from Secretary General ITU. **Dr G C Manna** shared his views on the theme of the day. The vote of thanks was proposed by the Hony Secy Dr (Mrs) Mukta Bhatele.

JAIPUR

The Centre celebrated **WTISD** on 17th May 2015 in association with Indian Institute of Quality Management (IIQM) at ETDC Campus, Jaipur. It was attended together by IETE, IE and BSNL of Jaipur. The objective was to raise awareness on the possibilities of use of Internet & other ICTs that could give an impetus to the society causes, economies as well as the means to bridge the digital divide. **Shri B Singh**, Dir, IIQM, ETDC



WTISD function held at Jaipur ETDC Campus, Jaipur

campus; **Shri Gunjan Saxena**, Centre Chairman; **Dr Rajesh Kumar**, Hony Secy; **Shri Rajesh Kumar Chauhan**, EC Member and **Shri Dinesh Yadav**, Hony Treasurer of the Centre also expatiated on the theme. The eminent speaker, **Prof Sandeep Sancheti**, President MUJ, enlightened the audience on the evolution of communication technology from earlier to present era and gave an intelligent discourse on the theme “**Telecommunication & ICTs: Drivers of innovation**”.

KANPUR

- A two-day conference on “**Advances in Electrical & Information Communication Technology**” (**AEICT-2015**) was organized by the Dept of ECE, PSIT College of Engg, Kanpur, on 11-12 Apr 2015 in association with IETE Kanpur Centre. **Prof Kripa Shanker**, former Vice-Chancellor, UPTU, graced the inaugural session as the Chief Guest. The expert speakers who presented the technical talks were from industry & academia, i.e., IIT Kanpur; HBTI Kanpur; MMMUT, Gorakhpur; CSJMU Kanpur; DMSRDE, Kanpur & Min of Comm, GOI. More than 40 research papers were presented in the conference. Around 125 participants including UG/PG students, research scholars & faculty members and Corporate Members of IETE Kanpur Centre participated in the event.



Dignitaries during conference AEICT-2015, Kanpur

- IETE Kanpur Centre, IEEE, UP Section and IE(I), Kanpur Centre jointly celebrated **47th WTISD** on the theme “**Telecommunications and ICTs: Drivers of Innovation**” on 17th May 2015 at IIT, Kanpur. 110 members from IETE Kanpur Centre, IEEE U P Section & IE (I) Kanpur Centre attended this programme. The Chief Guest on the occasion was **Prof S N Singh**, EE Deptt, IIT, Kanpur, while **Prof Kripa Shanker**, Former Ex VC, UPTU graced the event as Guest of Honour and **Prof A Jaganatham**, EE Deptt, IIT Kanpur as the theme speaker. **Shri US Yadav**, Centre Chairman; **Dr Narendra Kohli**, Chairman, IE (I), Kanpur, elevated the number of expert speakers. **Prof A Jaganathan** in his talk explained about 5G communications and its application in modern age. Vote of thanks was proposed by **Shri C P Verma**, EC member of the Centre.

KOCHI

- IETE Kochi Centre in association with CSI, IEEE and IE (I) Cochin Chapters, organized a technical talk on **Net Neutrality** by **Shri Satish Babu**, Director- ICFOSS, Govt of Kerala and Past Chairman, IEEE Kerala Section on 8th May 2015 at Electronics Auditorium, CUSAT. His talk was centered on an open source software related to

internetworking. A number of professionals, research scholars and academicians participated in the programme. It was a highly informative session and ended with a positive note.

- An International Conference on **Emerging Trends in Technology & Applied Sciences, "ICETTAS 2015"**– was organized by SAINTGITS College of Engineering in association with IETE Kochi Centre from 30th April to 2nd May 2015. The conference served as a platform for researchers and designers to present and discuss the various emerging innovations and technological aspects pertaining to the different streams of engineering. A team of highly qualified technical stalwarts were present from day one of the conference. The plenary sessions and keynote addresses were the banks of exchange of information for the participants. Out of the 380 papers that were reviewed, 210 papers were selected and 120 papers were presented in the various paper presentation sessions of the conference.



International Conference "ICETTAS 2015" held during 30 Apr - 2 May, 2015, Kochi

A pre-conference tutorial was on **'Fuzzy logic for engineering applications'** presented by **Dr G R Dodagoudar**, Prof, IIT, Madras, which was inaugurated by **Dr Lloyd B Eldred**, NASA, USA. The conference proceeding was released by **Lt Col John Jacob**, Chief Operating Officer and Academic Provost, SAINTGITS. The function was presided over by **Mr Thomas T John**, Director, SAINTGITS Group of Institutions. The conference turned out to be a grand success.

- The **47th WTISD** was celebrated jointly by IETE Kochi Centre, IE (I) Cochin Local Centre, IEEE Kochi Section and CSI Cochin Chapter on 17th May 2015. The function was presided over by **Dr A Unnikrishnan**, Chairman, IETE Kochi Centre. Dr M V Rajesh, Hony Secretary, of the Centre welcomed the participants. The Chief Guest, **Dr Jijo P Ulahannan**, Asst Professor, Dept of Electronics, Maharajas College, Ernakulam, provided the theme address on the occasion.

MHOW

A two-day celebration was held at the Military College of Telecommunication Engineering, Mhow, to commemorate 47th WTISD. The celebrations commenced with a talk on **"Innovation in Telecom: The Challenge for India"** by **Prof (Dr) Rishiksha T Krishnan**, Director IIM, Indore, on 15th May 2015. On 16th May 2015, a technical quiz competition was organized on **"Information and Communication Technology"** in which five teams, each comprising two officers from Signal Officers Degree Engineering courses, Technical Entry Scheme courses and Graduate Entry Equipment Orientation course of MCTE, enthusiastically participated. This was followed by a thought provoking debate competition on a very contemporary and burning topic: **"Is Net-neutrality a way forward?"**. **Lt Gen R S Panwar, SM, VSM, Commandant MCTE**, Colonel Commandant Corps of Signals and the Chief Patron of the IETE Sub Centre, Mhow, distributed the prizes to the deserving winners of the debate and the quiz competition. **Brig V S Narang**, Chairman IETE Sub Centre, addressed the audience on Net-neutrality and the importance of organizing such events.



Technical Quiz Competition at IETE Mhow Sub-Centre

- A two-day workshop on **"Artificial Intelligence and Robotics"** was held on 30-31 Jul 2015. The speakers were eminent scientists from CAIR (Centre for Artificial Intelligence and Robotics), Professors from IIT Indore and officers from MCTE, Mhow. The inaugural address was given by **Brig VS Narang**, Chairman, IETE Sub Centre, MCTE Mhow. The audience was also addressed by **Commandant Lt Gen R S Panwar SM, VSM**, who shared his insight on the topic. The second day of the workshop showcased products of CAIR and projects developed by students' officers MCTE, that were related to **"Artificial Intelligence and Robotics"**. The programme concluded with the closing remarks by Lt Col PJ Anand, organizer of the workshop.

MUMBAI

47th WTISD was observed by the Centre on 17th May 2015 at Doordarshan Kendra, Worli, Mumbai. The event was

jointly organised by the Centre, IET Mumbai Network, IEEE AES/COM India Chapter, IEEE COM/SOC Bombay Chapter and BESI (I) Mumbai Chapter & IETE Navi Mumbai Centre. Chairman of BES(I), **Shri S C Kasgiwal**, read out the message given for day by Mr Houlin Zhao, ITU Secretary General, while Chairman IEEE COM/SOC Mumbai Chapter, **Shri B Satyanarayana** read out the Message of Shri Ban Ki-moon, UN Secretary General to the audience. **Dr Munir B Sayyad**, GM, Reliance JIO Infocomm Ltd, was the keynote speaker. The other well-known personalities present were: Shri Karnani; Dr J W Bakal, West Zone Coordinator IETE; Prof Sushil Thale, Chairman of the IETE Mumbai Centre, Dr Milind Shah, Chairman IETE Navi Mumbai Centre and Shri Pradeep Sharma, Secretary of BES (I) Mumbai Chapter.



47th WTISD observed jointly by the Sister Societies at Mumbai

NOIDA

A lecture was conducted on **Modern Trends in Satellite Communications** by **Lt Col Vikrant Lakhnupal** on 07 June 2015. The speaker gave a brief history on the advent of satellites and the advancement made by various nations in the field of satellite technology. He also covered the issues like the utility of satellites to the mankind, remote sensing, communications and met prediction etc. The speaker gave an overview of the Indian Satellite program and the promising achievements of our nation in this field. He brought out that the progress made in satellite communication will go a long way in ushering communication revolution in rural and remote parts of the country. The session ended with interactive series of questions and answers besides informative add-on points from the audience.

PALAKKAD

The Centre organized the following activities-

- Skill development training program in **Optical Fiber Splicing** on 16th Apr 2015 with two batches in association with UTL technologies, Bangalore.
- Award ceremony for the local students who brought pride to the Centre. Three students from ISF Kannur, bagged 3rd prize in ISFNC-2015 held at Coimbatore on 13th Feb 2015, where as

two teams from ISF of Prime College of Engineering, Palakkad, bagged 1st and 2nd cash awards in the **National Technical Paper Contest (NTPC)** of IETE held at Chennai Centre on 31st Mar 2015.

- Observed **WTISD-2015** jointly with IE(I), Palakkad Local Centre on 17th May 2015, presided over by **Prof C Pradip**, Centre Chairman, IETE Palakkad Centre. The keynote address on **“Telecommunication and ICTs : Drivers of Innovation”** was delivered by **Shri V Ragunandan**, ITS, DDG TERM, DOT, Ernakulam. In his address he elaborated the details of net neutrality and electromagnetic radiation effects of microwave towers. He praised that the safety figures of Indian standards.



Joint celebrations of WTISD 2015 at IETE Palakkad Centre

PUNE

The **International Women's Day (IWD)** 2015 was organized on 14th Mar 2015 by the Centre. Introducing the subject, **Ms Leena Bokil**, Head Womens' Cell, read out the message received from **Smt Smriti Dagur**, President IETE. **Prof (Dr) Prachi Mukherji**, Head, E&TC Dept, Cummins College of Engg for Women, Pune, expressed her views on the **'Role of Women's in Engineering and Technology.'** She focused on role of women engineers' in innovation, entrepreneurship, management and soul upliftment. She praised the multitasking role by women. **Prof S K Khedkar** elaborated the theme by quoting appropriate examples.

- **Dr K R Phadke Memorial Award (2015)** function was organized on 28th Apr 2015. The awardee **Prof M D Gangal**, GM, GIC Bhosari, Pune, delivered a technical lecture on **'PWM Techniques in Power Electronics'**, explaining the PWM techniques used in Power Electronics. He explicated the functions of various power converters, power switches and principle of power delivery. **Dr S Pal**, Immdt Past President, IETE & Vice Chancellor, Defence Institute of Advanced Technology (Deemed University), graced the event with his presence as the **Chief Guest**. **Prof S K Khedkar**, Centre

Chairman, IETE Pune Centre was the convener of programme.



Dr K R Phadke Memorial Award (2015) being conferred on Prof M D Gangal, GM, GIC Bhosari, Pune. Also seen standing on the right of the awardee is immediate Past President IETE, Dr S Pal, Distinguished Scientist & V C, DIAT, Pune

- **Dr A A Kulkarni**, Principal, Indira College of Engg & Mgmt, Pune, inaugurated the IETE Project Competition for BE students on 29th Apr 2015 at E&TC Dept, ICEM, Parandwadi, Pune. **Prof Chetan Wakalkar**, Dir, ICEM; **Prof S K Khedkar** and **Dr S R Jog** also graced the occasion. The programme was coordinated by **Dr P H Patil** & his team. 43 projects groups from various colleges participated in the competition. The prize distribution function held on 9th May 2015. The winners were: Ms Jayashree Sathe & Ms Priyanka Mali of ICEM, Pune, (1st position) Shri Bakshi Harprit Singh, Ms Shreya Garg and Shri Amit Gupta of BVCE, Pune (2nd position) and Shri Ameya Hanamghar, Shri Bhagyashree Borate and Aditi Waswanand of SIT, Narhe, Pune (3rd position).

- **WTISD-2015** was celebrated under the joint auspices of local Centres of IETE, IE (I) and IEEE on 18th May 2015 at IE(I) premises. The Centre Chairman, **Shri V S Ghogare** of IE(I) and **Dr P K Sinha**, Chairman, IEEE Pune Chapter, introduced their organizations, while Hony Secy, IETE Pune Centre & Sr Director, PTC India Ltd, Pune, **Shri Kishor Shende** shared the IETE activities. Shri Gajendragadkar delivered the keynote address on '**Telecommunications & ICTs: Drivers of Innovation**'. **Shri Ritesh Jayswal**, CEO, Flamenco Tech India Ltd, Pune was the Chief Guest who discussed in his speech various aspects of IoT. **Prof S K Khedkar**, Centre Chairman, in his concluding remarks gave a holistic view of impact of ICT on the world.

- The **National Journal of Innovation & Research** Vol II, Issue II was released by **Prof S K Khedkar** on 30th May 2015 amidst number of dignitaries & members.

- **Prof SVC Aiya Memorial Award 2014** was conferred on **Dr K V S Hari**, Prof & Chairperson, ECE Dept, IISc, Bengaluru in a function held on 20th Jun 2015. **Shri Aditya Ranbhare**, Delivery Manager, ABSA Bank, Barclays Technology Centre, Johannesburg, South Africa, graced the occasion as Chief Guest. **Prof (Dr) S R Jog** presented the background for the award.

The Chief Guest in his address spoke on the current trends in telecom industry, with reference to Digital India initiative. He stressed that transformational impact of digitization continues to drive telecom operators' most critical 'strategic' and 'operational' decisions, with a view to monetize their infrastructure investments, rationalization of their products and service offerings to improve customer experience and evolve their asset portfolios and business models. He pointed that since



Prof SVC Aiya Memorial Award 2014 was conferred on Dr K V S Hari, Prof & Chairperson, ECE Dept, IISc, Bengaluru, (standing in the middle)

digitization of core industries and IoT with similar services are managed in cloud-based system, digital environment will require higher level of security and privacy protection and also the problem of e-waste has to be tackled on top priority basis. **Dr K V S Hari** delivered his talk on '**Spatial Modulation for Wireless Communication Systems**'. He explained that the Spatial Modulation (SM) is a recently developed low-complexity Multiple-Input Multiple-Output (MIMO) wireless communication scheme. He presented the key ideas of SM and present recent results related to mutual information in SM systems, Antenna Selection techniques and low-complexity receivers for SM systems which offer significant improvement in performance of wireless systems.

- The **AGM** of the Centre was conducted on 27th Jun 2015. Annual report of the Centre was presented by **Prof S K Khedkar**. Around 30 members were present for the meeting.

RAJKOT

The Centre celebrated **47th WTISD** on 17th May 2015 at the Centre. The key note speech on the theme was delivered by **Dr Dipesh Kamdar**, Assoct Prof, EC Dept, VVP Engineering College Rajkot. Others who shared the views on the theme topic were: Shri V M Patwari, Ex Principal, AVPT College; **Er C M Devani**, Centre Chairman; Shri S M Suchdey, EC Member. Other eminent persons present were: Capt M G Purohit, HOD – Civil Dept Govt Polytechnic, Amreli; Shri Anil Bhardwaj, Director, DDK Rajkot and Shri Krunal Vyas, IETE member.

RANCHI

The 1st International Conference on **Nano-Electronics, Circuits & Communication Systems** was organized jointly with Indian Society for VLSI Education at Advanced Regional Telecom Training Center, Ranchi on 9-10 May 2015. **Prof K Laxminarayana**, Vice President, IETE graced the occasion as the Chief Guest. The Guest of Honour, **Dr M Chakraborty**, IIT, Kharagpur, was also the key note addressee. **Dr Subir Sarkar**, from Jadavpur Univ, was the another keynote speaker. **Dr Vijay Nath**, the General Chair; **Shri Ajay Kumar**, Hony Treasurer and **Dr Anand Kumar Thakur**, Hony Secy, of the Ranchi Centre-also shared the dais. The conference proceedings in CDs were released by the Chief Guest & delivered the inaugural address.



The Chief Guest Prof K Laxminarayana, VP, IETE, receiving a memento during the International Conference

Prof K Laxminarayana, VP, IETE, also met **Dr V S Tiwari**, Nodal Officer, Skill Development Program, HRD, Govt of Jharkhand and Professor-in-charge, Doranda College, Ranchi and briefed him about IETE activities & institution's keen interest in pursuing different skill development courses. Dr Tiwari assured that their good offices are equipped to give IETE one floor & access of their Computer Lab with 120 computers to start skill development courses at their college. In another meeting held with **Prof R K Pandey**, VC, Ranchi University on 10th May 2015, an enthusiastic response was shown by them to start programs in collaboration with IETE for the benefit of student community.

SALEM

The Sub-Centre organized a conference on "**VLSI, Embedded Systems, Signal Processing and Communication (VESCO - 2015)**" on 08 Apr 2015. **Prof C Murali**, Vice President, IETE was the Chief Guest and as the plenary session speaker spoke on IOT.

TIRUPATI

The Centre conducted two lectures, and two students' fests for the benefit of their students. The first was a distinguished lecture on "**Strategic Electronics and Computing for Secured Cyber Networks**" by Padma Bhushan **Dr V K Saraswat**, HF IETE & Member, National Institute for Transforming India (NITI) Aayog, New Delhi, on 08th May 2015. Dr Saraswat stressed upon the importance of Intellectual Property Rights (IPRs) and on basic research activities in a coherent manner. He talked upon evolutions of Radars, emerging trends on high performance Computing and Data Security. **Prof W Rajendra**, VC, SVU, was the Chief Guest. **Dr B L Deekshatulu**, DF IETE & Former Director, NRSC, ISRO and **Prof D Narayana Rao**, Governing Council Member, IETE, Guests of Honours, shared their insights on the emerging trends in technology and role of younger generation for innovation". The function was presided over by **Prof J Kartikeyan**, Principal, SVUCE. Scientists from NARL, BSNL, IT Sector, Executive committee of AP academy of Science, office bearers of IETE, faculty of SVUCE attended this lecture.



Dr V K Saraswat, HF IETE & Member, National Institute for Transforming India (NITI) Aayog, New Delhi lighting the inaugural lamp

Later the **WTISD** talk on "**Fibre to Home (FTTH)**" was delivered by **Sri Alladi V Srikumar**, ITS, Addl GM, BSNL, Tirupati. The wide bandwidth for the 3rd / 4th generation internet connectivity was explained. It was stated that it was being catered by BSNL optical fiber installations, augmenting the copper wire connections of telephone lines. The speaker explained the technical aspects of latest fiber optic communications infrastructure being installed for wideband internet facilities of smart cities. The program was inaugurated by **Prof W Rajendra**, Vice-Chancellor, SV University, Tirupati, presided over by **Prof RVS Sathyanarayana**, HoD of ECE, SVUCE. The event was graced by **Prof J Karthikeyan** as the Guest of Honour. The lecture was well attended by huge

number of engineering students and faculty from BSNL, SVU, SPMVV, NARL and industry participants. The national and regional news papers gave wide coverage of the events.

- During the cultural fest **Sigmoid-2015**, the Indian light combat aircraft, Tejas, x-band phased array radar development aspects were discussed with the student participants of SVUCE Dept of ECE. IETE Tirupati Centre invited the scientist from Aeronautical Development Agency, Bangalore during this programme. The Centre also sponsored the SVUCE Department of CSC cultural fest “**CynosurE-2015**”.

THIRUVANANTHAPURAM

- The **WTISD-2015** function organized by the Centre on 17th May 2015 was attended by EC members, senior IETE members, faculty members, special invitees and students. The inauguration was made by the Chief Guest **Dr C Unni**, Prof & HoD Dept of ECE, TKM College of Engg, Kollam. **Shri R P Nair**, Immdt past Chairman, delivered the presidential address. Dr K Gopakumar, EC Member proposed the vote of thanks.

- A **South Zone Chairpersons meeting** was held on 12th Jun 2015 along with a Zonal Seminar. The South Zone Coordinator, **Shri C K Haridas** in his address, emphasized on the need for revenue growth and exploring the ways for increase in Corp & ISF memberships. **Smt Smriti Dagur**, President IETE in her address, threw light on the present recognition status of the institution and the efforts that were being undertaken. She enlightened the audience on new skill development programmes/ activities being conducted at



South Zone IETE Chairpersons meet at Thiruvananthapuram

IETE HQs & by some of the Centres. The members present on the occasion discussed and took stock of the status of the institution. The recommendations included several cost cutting measures; new revenue generation methods, designing of new certificate courses; creation of a student activity chair in all zones; institutionalization of distinguished Lecture series

in Engineering colleges and Polytechnic colleges etc. among others.

- The **South Zone Seminar** was held at the Centre during 12-13 Jun 2015 on “**Innovative Applications of Space Technology and Future Possibilities**”. The eminent personalities present on the occasion were the Chief Guest, Padmasree **Dr K N Sankara**, Former Dir, ISRO Satellite Centre: **Smt Smriti Dagur**, President IETE; **Dr M H Kori**, Chairman, TPPC; **Shri C K Haridas**, Zonal Coordinator, South Zone; **Prof Dr Radhakrishnan**, HoD, Basic Science, Sree Narayana Institute of Technology, Adoor; **Dr S Arumuga Perumal**, Centre Chairman; **Shri R P Nair**, Past Chairman; Shri K V Balasubramaniam, Hony Secretary of the Centre and Shri S Girish Kumar, the General Convenor of the seminar. Padmasree Dr K N Sankara in his key note presentation highlighted the importance of latest technological developments made in the field of space communication including present power



South Zone Seminar on “Innovative Applications of Space Technology and Future Possibilities” held on 12-13 June 2015 at IETE Thiruvananthapuram Centre

generation trends. **Dr T J Apren** from VSSC presented a talk on the theme RF Interference. He stated that the spectrum and power are the most valuable resources in any communication system and its the critical nature of technology advancement opens new opportunities & challenges in the communication field. The presentation by **Dr Sumitesh Sarkar**, Group Director, Space Application Centre, Ahmedabad, was on the subject Satellite Communications in KU and KA Band. He elucidated the electromagnetic spectrum for Satcom, propagation effects in KU and KA Band, Fade mitigation techniques, services and grounded segment and communication payloads. **Associate Prof Selvaganesan** from IIST, Trivandrum, spoke on the subject Fuzzy Logic in Communication Systems. **Dr S Vijaya Bhaskar Rao**, Dept of Physics, SVU, Tirupati, shed light on the subject- Rain Rate Modeling and fade slop estimations over

southern India pertinent for Satellite Communications. The function concluded with the valedictory session, wherein the speakers, Chairman, TPPC; Zonal Coordinator and organizing committee members expressed their views about seminar.

- The **Women Empowerment Cell** was inaugurated on 12th Jun 2015 by the President IETE, **Smt Smriti Dagur** at the Centre, with an aim to address the problems of students studying engineering at the Centre. **Ms Suhra**, Exec Com Member, explained the objectives of the cell in detail. Students present in the meeting raised some queries and gave representations to the Zonal coordinator, who assured them that their grievances would be looked into, subject to the rules prevailing on the points. **Advocate Annamma George**, Dir, Woman's Development Corporation, in her talk, pointed out the importance of a working group. The Centre Chairman, **Dr Arumuga Perumal**, was also present during the function.

VADODARA

- The Centre held a two-day national workshop on “**Embedded System**” during 16th-17th Jan 2015 in association with EC Dept, ITM Universe, Vadodara. The dignitaries present in the inaugural session were: **Dr Vijay K Shah**; **Dr Himanshu Dave**; **Dr S K Vij**; **Col V I Trivedi** and **Prof S M Joshi**. Dr Vijay K Shah conducted a session on Embedded System: Technology Evolution & Designers Perspective, while Dr Himanshu Dave devoted his technical session to the Introduction of MSPEXP430G2. Later ITM faculties organized hands on practical sessions, based on the theory session. The other sessions by Dr Himanshu Dave and Mr Upendra Patel were on Low power modes and Cortex-Mx based microcontrollers and Cortex –Ax based Son Cs. During the valedictory session certificates were distributed to all the participants.

- A technical lecture by **Prof (Dr) Mamta C Padole**, Assoc Prof, CS Dept, Faculty of Tech & Engg, the MS University of Baroda, Vadodara, was arranged on “**Signal Processing Approach for Pattern Matching of Genomics**” on 02 May 2015 at the Centre. The others present were: Prof R C Desai, **Shri Naresh Kumar Garg**, Centre Chairman; Shri Tushar B Kher, Hony Secy of the Centre; Wg Cdr (Retd) Sanat Vasavada, Prof B P Dave, Dr V K Shah, Prof Sunil Patel and officials from EME School (Org Member), Vadodara. PG and UG students, research scholars, IETE members and members from industry.

The topic evoked interest in the audience and resulted in a very good discussion.

- IETE Vadodara Centre and Surat Sub-centre jointly celebrated the **WTISD-2015** in association with IE(I), Vadodara Local Centre and Indian Society for Training and Development (ISTD), Vadodara Chapter on 17th May 2015 on the theme “**Telecommunication & ICTs : Drivers for Innovation**”. **Shri V Ramesh**, PGM, BSNL, Vadodara Telecom District, Vadodara, was the Chief Guest, who enlightened the audience on innovations taking place in BSNL in area of communication and ICT. The welcome address was delivered by **Shri Naresh Kumar Garg**, Centre Chairman, while message from secretary ITU was read out by Dr Vijay K Shah, Hony Treasurer of the Centre. **Shri P V Khubalkar**, Chairman ISTD Vadodara Chapter and ex GM(E&T), ONGC, emphasized on the need for innovations based on ICT to reach rural un-reached area for betterment of society at large. **Prof (Dr) Upena Dalal**, Chairperson of IETE Surat Sub-Centre delivered a talk on various emerging trends in network structures that plays



IETE Vadodara Centre and Surat Sub-centre jointly celebrated the WTISD-2015 in association with IE(I) & ISTD, Vadodara

critical role in providing ICT. Shri Tushar B Kher, Hony Secretary of IETE Vadodara Centre spoke on ICT enabled innovations in recent past and likely future innovations from the end user's /industry's perspective. **Shri Sumer Mehra**, Head R&D (Telecom Solutions), Matrix Comsec Pvt. Ltd. shared the latest innovations in telecom products being manufactured by them. The program ended with vote of thanks by Shri Bharat Sheth, Hony Secretary, IE(I). The function was sponsored by M/s. Matrix Comsec Pvt Ltd Vadodara and attended by large number of delegates including engineers from industry, i.e. ONGC, BSNL, Matrix Comsec Pvt Ltd, academicians, members of IE(I), ISTD and students.

VIJAYAWADA

The Centre and IE(I), Vijayawada Chapter jointly organized the **47th World Telecommunication and Information Society Day – 2015** on 17th May 2015. The Chief Guest, **Shri G V Manoj Kumar**, ITS, GM (Projects) National Optical Fiber Network, BBNL, Min of Telecommunication & IT, spoke on the theme of the day. **Shri D Rama Krishna**, Former Chairman, IE(I) presided over the meeting. The other notable speakers included -**Dr G N Swamy**, Centre Chairman; Dr K Ramanjaneyulu, Hony Secy of the Center; The speaker was felicitated by the Centre by a shawl and a memento.



IETE Vijayawada Centre celebrating WTISD 2015

VISAKHAPATNAM

IETE Visakhapatnam Centre celebrated **47th World Telecommunication & Information Society Day** on 18th May 2015. The event was graced by **Shri C D Malleswar**, Dir, NSTL and Chairman IETE Visakhapatnam Centre, as the Chief Guest. In his opening remarks he stressed on the need for innovative methods in ICTs for developing smart cities. The other notable personalities present in the event were: **Prof K Raja Rajeswari**, IETE Governing Council Member and **Shri Gopi Kumar Bulusu**, CEO and Chief Technologist Sankhya Technologies Private Ltd, as an invited speaker. Prof K Raja Rajeswari emphasized on the necessity of streamlining the research work into implementation for enabling improved system development. Shri Gopi Kumar Bulusu, highlighted the role of Telecommunications & ICTs as drivers of Innovation, in improving the quality of life. He encouraged the IETE students to work in research field that leads to enhancement of knowledge & innovation of different technologies. The convention was a great success, ended with an interesting interaction among the participants.



Shri C D Malleswar, Chairman IETE Visakhapatnam Centre addressing the gathering during 47th WTISD-2015.

WARANGAL

On 23rd May 2015 a guest lecture on **“Leveraging Telecommunications and ICTs drivers of innovation”** by **Prof T Srinivasulu**, Principal, Kakatiya University College of Engineering & Technology (KUCET), was organized to commemorate **47th WTISD-2015** at IETE Warangal Centre. **Smt M Sreelatha**, Chairperson of the Centre presided over the function. **Dr V Gunasekar Reddy**, Governing Council Member and **Shri C V Krishna Reddy**, Immdt Past Chairman of the Centre were invited as the Chief Guests.

The Centre also organized a guest lecture on **“Entrepreneurial Opportunities in Emerging Trends of Technology”** on 3rd June 2015 by **Dr P Srikanth**, Dept of Mechanical Engineering, KITS-Warangal & Chief Coordinator, Entrepreneurship Development Cell, KITS, Warangal at the Centre’s campus.



The Chief Guest Prof K Laxminarayana Vice President IETE, being felicitated by the Executive Members of IETE Warangal Centre

Celebrating IETE Achievers



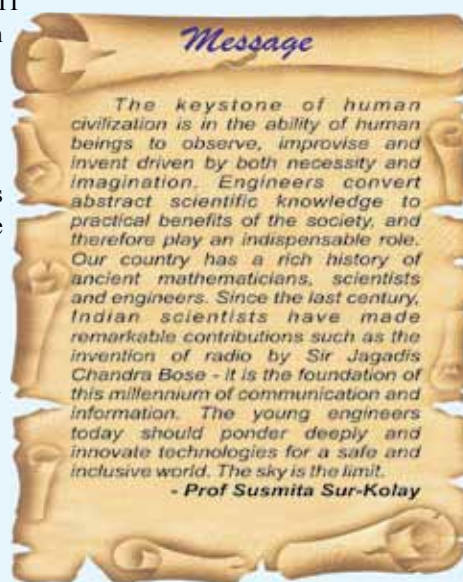
Prof Susmita Sur-Kolay (F216293) is BTech in Electronics and Electrical Communication Engineering from IIT Kharagpur, and PhD in Computer Science and Engineering from Jadavpur University, Kolkata.

Presently, she is working as Prof at the Advanced Computing and Microelectronics Unit, Indian Statistical Institute, Kolkata. She was in the Laboratory for Computer Science, Massachusetts Institute of Technology, Cambridge, MA, USA, from 1980 to 1984. She was a Post Doctoral Fellow in the University of Nebraska–Lincoln, NE, USA, in 1992, a Reader in Jadavpur University from 1993 to 1999, a Visiting Faculty Member with Intel Corporation, Santa Clara, CA, USA, in 2002, and a Visiting Researcher in Princeton University in 2012. She has co-edited two books, authored a book chapter in the Hand book of Algorithms for VLSI Physical Design Automation, and co-authored about 100 technical articles in international journals and refereed conference proceedings. Her

current research interests include electronic design automation such as physical design, fault modeling, hardware security; synthesis of quantum circuits; and graph algorithms.

Prof Sur-Kolay was a Distinguished Visitor of the IEEE Computer Society, India, a Senior Member of IEEE, a Member of ACM, IET and VLSI Society of India. She has also been on the editorial board of Proc. of IEE CDT, an Associate Editor of the IEEE Transactions on VLSI Systems, and is currently an Associate Editor of ACM Transactions on Embedded Computing Systems. She has served on the technical program committees of several leading conferences, and as the Program Chair of the 2005 International Conference on VLSI Design, the 2007 International Symposium on VLSI Design and Test, and the 2011 IEEE Computer Society Annual Symposium on VLSI. Two papers coauthored by her won the best paper

awards at two international conferences. Beside other awards, she was the recipient of the President of India Gold Medal from IIT Kharagpur.



"Seek for the highest, aim at that highest, and you shall reach the highest."

- Swami Vivekananda

Calendar of Events

Subject	Date	Venue	Contact
Apex Forum on "Monitoring & Control Systems for Safer Rail Transport"	12 Sep 2015	J K Institute of Applied Physics & Tech, Univ of Allahabad, Allahabad	Er M K Singh, Chairman, IETE Allahabad Centre Ph: 09956086956 Email: mksingh1048@yahoo.com
58 th IETE Annual Technical Convention on "Computing & Communication for Social Development (CCSD-2015)"	25-27 Sep 2015	TCS Auditorium, Opp IETE Kolkata Centre, Plot-J1-7, Block-EP, Sector-V, Salt Lake City, Kolkata	Maj Gen P K Jaggia, Secretary General, IETE HQ, 2, Institutional Area, Lodi Road, New Delhi-110003, Ph: +011-43538821/23 OR Chairman IETE Kolkata Centre
IETE- Foundation Day	02 Nov 2015	Delton Hall, 2 Institutional Area, Lodi Road, New Delhi-110003	Secy General, IETE HQ Ph: +011-43538821/23
IEEE MTT-S International Microwave and RF Conference	10-12 Dec 2015	Hyderabad	Prof Lakshminarayana Merugu DERL, Hyderabad General Co-Chair IMaRC-2015 Mob : +91 9440805818
23 rd GISFI Standardization Meeting on Global Wireless Summit-2015	13-16 Dec 2015	Hyderabad	Managar-Meetings & Event Hyderabad International Convention Centre, Hyderabad Ph: +91(040) 65154422 E-mail: sales@hicc.com
11 th International Conference on "Microwaves, Antenna Propagation and Remote Sensing" (ICMARS)	15-17 Dec 2015	Jodhpur, Rajasthan	Shri Amit Kumar, Secretary ICMARS-2015 Mob- +91 8559864463 E-mail: secretary@icmars.org
International Radar Symposium of India-2015	15-19 Dec 2015	Nimhans Convention Centre, Hosur Road, Bangalore-560029, Karnataka	Dr D C Pande, Chairman, IETE Bangalore Centre, Email: bangalore@iete.org Ph: 080-23331133

ISF NEWS

- **ISF at K K Wagh Arts Commerce Science and Computer Science College, Nashik**, conducted an event on E-merge 2015 during **Jan 5-7, 2015** in association IETE Nashik Sub-Centre.
- **ISF at Kongu Engineering College (KEC) Erode**, conducted a national level technical symposium “Fectra 2K15” on **Feb 04, 2015** with about 754 students from KEC and other colleges around. The felicitation address was by Prof S Kuppuswami, Principal, KEC. During **Feb 09-11, 2015**, ISF in association with ECEA conducted a training programme on Advanced C. ACUMEN 2K15, another national level technical symposium was held on **Feb 19, 2015** presided over by Thiru V K Muthusamy. It included many events like paper presentation, C-Debugging and non-technical events like: Mind Benders-Virtusa, & multimedia etc. Training & the other programmes that were held on -WEB Designing during **Feb 24-26, 2015**, Embedded Systems & Lab View during **Mar 09-11, 2015**. Contribution to orphanage & Valedictory function was arranged on **Mar 19, 2015**. The ISF conducted VESCOM 2K15, another national level conference on **Apr 08, 2015**. Prof C Murali, Vice President of IETE was the Chief Guest. Presidential address was delivered by Prof S Balamurugan, Dean, School of CCS, KEC.
- **ISF at Amrutvahini College of Engineering (AVCOE) Sangamner, Nashik**, celebrated IETE Student’s Day by organizing a national conference, Technoevolution 2K15; a Quiz Contest and a Robotics Workshop on **Feb 10, 2015** in association with IETE Nasik-Sub-Centre with 479 students from Pune, Ahmednagar and Nashik. The dignitaries present on the occasion were: Mrs Durgatai Tambe, President, Sangamner Municipal Corporation, the Chief Guest; Shri D B Patil Chief Exec, Prof V B Dhupal, Dr G J Vikhe Patil, Principal, AVCOE, Sangamner and Prof R P Labade, HoD, E&TC Dept, AVCOE.
- **ISF at Agni College of Technology, Chennai**, organized a Projects Display Competition on **Feb 27, 2015** in the presence of the Chairman, IETE Chennai Centre, Shri S Ramaswamy.
- On **Mar 04, 2015**, ISF of **Velammal Engg College, Chennai** was inaugurated by Shri S Ramaswamy, Chairman, IETE Chennai Centre.
- **ISF at K S Inst of Technology, Bangalore**, was inaugurated by the Dept of ECE and Dept of T&E on **Mar 12, 2015**. Dr D C Pande, Bangalore Centre Chairman, Dr T V Govinda Raju, Principal, KSIT, Dr M H Kori were presented on the occasion. The key note address was on the topic “**Wireless Communications**”.
- **ISF at Adhiyamaan College of Engineering, Hosur, Tamil Nadu**, organized a National Conference on “Emerging Trends in Information, Communication, VLSI Design and Embedded Systems” inaugurated by chief guest Prof C Murali, Vice President IETE on **Mar 17-18, 2015**. Dr K Baskaran, Govt College of Technology, Coimbatore, was the Guest of Honour. Prof C Murali and Dr K Baskaran delivered keynote addresses on “Internet of Things” and “Computer Networks” respectively amidst 160 students from various engineering colleges. The ISF also conducted technical and non-technical events like Quiz competition, Essay writing (Tamil and English), Movie Making, Poetry writing (Tamil and English) competitions on 3-4 Feb 2015 for the members. Dr T Menakadevi, Coordinator-ISF were distributed the certificates to the winners.
- **ISF at Dept of ECE Global Academy of Technology, Bengaluru**, was inaugurated on **Mar 23, 2015**. Present amongst other notables were: Dr D C Pande, IETE Bangalore Centre Chairman; Dr M H Kori, Chairman, TPPC, who spoke on women empowerment, research topics and advancements in the wireless communications.
- **ISF at St Martin’s Engg College, Hyderabad**, was inaugurated on **Mar 25, 2015** by Dr K Jaya Sankar, Chairman IETE Hyderabad Centre. Other eminent persons present were Shri N Namashivaya, Hony Secretary and Dr G Laxmi Narayana, Hony Treasurer of the Centre.
- **ISF at Dept of ECE, K L University, Vaddeswaram, Guntur District**, organized a Project Exhibition competition and paper presentation competition on **Mar 26, 2015** and **Apr 17, 2015** respectively. Paper presentation competition was organized by ECE Dept with 12 teams from II / III year ECE students. Project Exhibition was organized with 16 teams, who exhibited their projects. Dr K S N Murthy Coordinator ISF, Dr Habibullah Khan, Dean Student affairs, Dr A S C S Sastry, HoD ECE Dept and Dr M Siva Ganga Prasad were also present.
- **ISF at BITS Edu Campus, Vadodara**, organized a seminar with an interactive session on “Identify the components” on **Mar 27, 2015** for the 1st year students of ECE Dept. A complete description on the basic electronic components was given with an aim to improve the basic technical knowledge of these students.

- A national level conference on “Advanced Information and System for Sustainable Developments in Electrical and Electronics Engineering–2015 (AISSDEEE-2015)” was held by ISF at **Nandha College of Technology, Erode**, on **Mar 27, 2015**. The Chief Guest for the occasion was Thiru S Devaneyan, Prof & Consultant, Sathnarayana Renewable Energy, Coimbatore. In the function of ELCOEF the Students Association for the academic year 2015-2016, held in association with IETE Salem Sub-Centre, on **Jul 17, 2015**, the Chief Guest was Shri S Sankar Raj, Dir, Training & Dev, Prompt Info Tech, Coimbatore. The Dept of ECE of the ISF organized a seminar on “Image and Signal Processing” and Industrial Seminar on “Embedded Systems and Its Applications” on **Jul 23, 2015**. Dr T Meera Devi, Prof / ECE & Hony Treasurer, IETE Sub Centre, Salem delivered the address on Digital Image Definitions, Image Sampling etc while the address of Shri S Tharun, Technical Head, Elysium Technologies Pvt Ltd., Elysium Group of Companies, Erode, was centered on Embedded Systems.
- **Dept of ECE, of ISF Nandha Engg College, Erode**, organized a one-day seminar on **Mar 27, 2015** in association IETE Salem Sub-Centre. Prof M A Senthilkumar, Dept of Mechanical Engg, IRTT-Erode and Shri S Vijayan, Coordinator, National Institute of Amateur Radio, Hyderabad, were the resource persons for the event. The lecture delivered was on “Role of HAM Radio in Emergency Communication during Natural Calamities” and a practical demonstration on the usage of HAM equipment was also presented. Around 170 students of II year ECE Dept attended the seminar. Another one day seminar on **Apr 08, 2015** was held where Prof C Murali, Vice President, IETE delivered a guest lecture on “Wireless Generation”.
- **ISF at Chandigarh Engineering College, Landran, Mohali**, organized a seminar on “Emerging Trends in Fiber Optic Applications” on **Mar 30, 2015** with participation of about 200 ECE students. Shri S K Angra, Chairman, Dr Neelesh Kumar, Hony Secy and Shri P K Awasthi, Treasurer of the Chandigarh Centre were present. Prof J K Chhabra, Consultant Professor, IIIT Allahabad, Scientist ‘F’ and Dy Dir CSIO, Chandigarh, delivered an expert lecture on “Emerging Trends in Fiber Optic Applications”.
- **ISF at Sri Aurobindo Institute of Technology, Indore**, conducted a three-day workshop on “Embedded Systems” during **Mar 30 to Apr 01, 2015** for the IIIrd and IVth year ISF Students. The resource persons were the expert faculty members from the institute itself.
- **ISF at Chitkara University, Rajpura**, organized an expert lecture on “Medical Image Analysis: Role of Image Segmentation” on **Mar 31, 2015** at MOOC Hall, Edison Block. Dr Deepti R Bathul, Prof from IIT Ropar, delivered the expert lecture for the students of II year ECE. Dr Shefali Gupta organized the programme.
- The annual day celebration of **ISF C V Raman College of Engg, Bhubaneswar**, was held on **Apr 11, 2015**. Prof K C Patra, Dir, C V Raman College of Engg, presided over the function. The notables present were: Shri Tanmaya Nayak, Coordinator ISF; Er A K Pahi, GM, BSNL & FIETE, who spoke on “Latest Trends in Electronics Telecom Engg & its Impact on Technical Education”; Shri N K Bhoi, Chairman, IETE Bhubaneswar Centre delivered his talk on “Disaster Management & Role of ICT” and Prof K C Patra, Dir of the College. Prof P Kabisatapathy & Prof P Kanungo also addressed in the audience.
- **ISF at Dept of EEE, SDM College of Engg & Tech, Dharwad**, organized a national level conference on Power System Engineering (NCPSE-2015) on **Apr 11, 2015** in association with IETE Dharwad Sub-centre and IE(I), Local Centre, Dharwad. This provided a forum for the research scholars, PG students, faculty members from various technical institutions and practicing engineers from industries to exchange their views, ideas and share their experience regarding the recent advances in the field of power system engineering encompassing power quality issues, FACTS controllers and renewable based grid interactive systems and its applications in ECE & allied branches. The conference received an overwhelming response. Dr GD Kamalapur, HOD, EE, inaugurated the conference. The key note addresses were given by Dr S R Karnik, BVBCET, Hubli and Dr D B Kulkarni, GIT Belgaum, on topics Research Avenues in Power System Engineering and Reactive Power Management respectively. Sri K Jinendra Prasad, Secy, SDME society, the chief guest in the valedictory function, released the proceedings of the conference. Dr S B Vanakudre, Principal, highlighted the need of application based research in his presidential remarks.
- **ISF at Dev Bhoomi Group of Institutions (DBGI), Dehradun**, organized a skill development program-‘Speedbolt’ during **Apr 13-14, 2015**. A large number of students participated in the event. The event included group discussion, power point presentations, current affairs, basic technical questions and reasoning. The participants were presented certificates and the winners were awarded.
- During the function held at **ISF of ECE Dept of Saveetha Engineering College, Chennai**, a lecture by Shri S

Karthikeyan, Sr Specialist-Software Development, Ericsson Global (I) P Ltd, was arranged on “Latest Strategies and development in Telecom field” on **Apr 27, 2015**. The speaker explained the latest technologies of telecommunication and some of the innovative projects being developed by his company Ericsson. PG students (I/II year), and faculty members of the Dept attended the programme.

- **ISF at the Dept of ECE, Vel Tech Dr RR & Dr SR Technical University, Chennai**, was inaugurated on **May 5, 2015** by Shri S Ramaswamy, Chairman Chennai Centre. Dr Beela Sathyanarayana, Vice Chancellor, Dr E Kannan, Registrar, Dr E Kamalanabhan, Dean, Dr P Mathialagan, Mrs G Sasi-kala, HoD, ECE of the Vel Tech University were amongst others present on this occasion.
- **ISF at Vidya Academy of Science & Technology, Thir-sur**, organized a hands-on-training workshop on “Introduction to PSpice Simulation using OrCad 9.2” for the S3 ECE A&B Batch students on **Jun 17-18, 2015** under the banner of Association of ECE, ISTE Students’ Chapter, IE(I) Students’ Chapter and IETE ISF. The sessions were handled by Shri Ramesh CR, Asst Prof, ECE Dept. Dr Sudha Balagopalan, Principal, VAST inaugurated the workshop. This ISF also conducted an induction programme on **Jul-1-7, 2015** for the students.
- **ISF of Sinhagad Institute of Technology, Lonavala**, organized a state level workshop on ‘Embedded Linux Development on ARM 9’ during **Jun 17-19, 2015** in collaboration with Micro-Embedded Technologies, Pune. The workshop was coordinated by E&TC faculties Mrs Dipali K Shende, Mrs Pradnya Kamble & Mrs Shital More. Hands on sessions were taken by Shri Mangesh Edkhe and Shri Ashish Bhole. The valedictory function of this workshop was also graced by the office bearers of IETE Pune Centre. Around 40 members were present for this workshop.
- **ISF at Late G N Sapkal College of Engineering, Nashik**, was inaugurated on **Jun 24, 2015** with the support of Shri Ravindra G Sapkal, CMD, Sapkal Knowledge Hub and Dr V J Gond, Principal, LGNSCOE. The purpose of ISF was to give a platform to the student members for exchanging ideas on technical activities. Prof (Dr) M D Kokate, Chairman of IETE Nasik Centre; Prof (Dr) D M Chandwakar, HoD (E&TC), KKWCOE, Nasik; Dr V J Gond, Principal, LGNSCOE; Prof S B Bagal, HoD (E&TC), LGNSCOE, Nasik and Prof M P Bodkhe, ISF Coordinator graced the occasion with their presence. Speeches were delivered to motivate & inspire student community.
- Dept of ECE & EIE at **ISF VNR Vignana Jyothi Institute of Engineering & Technology, Bachupally, Hyderabad**, conducted TEQIP sponsored workshop on “Real Time Applications using Labview” during **Jul 01- 04, 2015** with an aim to provide extensive and complete training with hands on sessions using National Instruments LabVIEW virtual instrument Software. LabVIEW is a system design platform and development environment for a visual programming language from National Instruments and is widely used in industry. Sri Nuli Namassivaya, Hony Secy, IETE Hyderabad Centre & Sri PV Gopi Krishna Rao, Assoc Prof, Dept of EIE, RGM College of Engg & Tech, Nandyal graced the event as chief guests. Dr C D Naidu, Dir, PG studies, Dr Y Padma Sai, HOD/ECE; Smt R Manjula, HOD/ EIE & coordinators were also present for the inaugural function. A distinguished lecture by **Prof Shibhan K Koul, Dy Dir (Strategy & Planning)** and Prof CARE, IIT, Delhi, on “Radio Frequency Microsystems”, as a part of IEEE AP / EMC/MTT- Chapter under Hyderabad section in association with IEEE Student Branch, ISTE & ISF of VNRVJIET for III & IV Year BTech, I Year MTech (VLSI & ES) students and Faculty members of ECE on **Jul 17, 2015**. About 205 students, 12 faculty members and 4 technical staff were attended and benefitted from the lecture.
- **ISF of K S Rangasamy College of Technology, Tiruchengode, Tamil Nadu**, organized guest lectures by Shri Bharathiraja Nallathambi and Parthiban Nallathambi, Hardware Design Engineer, Cognizant Technology Solutions and Robert Bosch, respectively on Embedded systems and VLSI Design, on **Jul 4, 2015**.
- ECE Association at **ISF M P Nachimuthu M Jaganathan Engineering College, Erode**, conducted a Digital India week programme by Er A Athif, Chairman, MD, ABE Semiconductor Designs, Chennai on **Jul 04, 2015** and a technical talk on VLSI & its applications by Shri P Sudarshan, Mgr- Industrial Interaction and Shri M Karthick, Mgr-R&D, Femto Logic Design, Chennai on **Jul 10, 2015**.
- **ISF at RMD Engg College, Chennai**, was inaugurated by Shri S Ramaswamy, IBS (Rtd), Chairman IETE Chennai Centre on **Jul 8, 2015**. Dr K Sivaram, Principal presided in this function while Dr K Helen Prabha HOD/ECE delivered the inaugural address.
- A guest lecture on “Semiconductor Compound Device” was organized by **ISF of Karpagam, Coimbatore**, on **Jul 10, 2015**. The resource person for this guest lecture was Shri A Deepak, National Chiao-Tung University (NCTU), Taiwan. The development of III-V transistor and other different nanoscale MOSFET devices, high speed High Elec-

tron Mobility transistors (HEMTs), Tunnel FET (TFET) for circuit design and simulation in future generation of III-V/Si integrated platforms, were discussed.

- **ISF at Bharathiyar Institute of Engg for Women , Deviyakurichi, Salem, TN**, held its Parent Teacher Association Meeting in coordination with all Dept Associations, Extra Curricular Activity Clubs & Professional Societies of IETE & ISTE, on **Jul 20, 2015**, inaugurated by Shri A Kaliyamoorthy, IPS Officer (Retd) .
- Another guest lecture on “Meta Materials and Applications to Antenna Design” was organized by **ISF at ANITS, Dept of ECE, Visakhapatnam**, on **Jul 22, 2015** for the benefit of BE and MTech students. The lecture was delivered by Dr Nukala Srinivasa Rao, Assoc Prof of ECE, Matrusri Engg College, Saidabad, Hyderabad. The speaker deliberated on the importance of meta materials stating about their electrical properties and the advantages. He demonstrated how an antenna would perform when it is designed with meta materials and compared when designed with the conventional materials available in the nature. He informed about having a lot of scope in this area for research.
- **ISF at MLR institute of Technology, Dundigal, Hyderabad**, organized a lecture by Shri Ravi Kurra, Team Lead-Wireless Core Planning, Tata Tele services Ltd, Hyderabad on “Evolution and Basics of Telecommunications” on **Jul 25, 2015**.
- **ISF at Anand Institute of Higher Technology (AIHT), Kazhipattur, Chennai**, was inaugurated by Shri S Ramaswamy, Chairman of IETE Chennai Centre on **Jul 29, 2015**. Prof (Dr) S Meenakshisundaram, Advisor, AIHT; Prof (Dr) K Chanthirasekaran, Dean Academic, HOD/ECE, AIHT, and the faculty members of the dept including Mr J Robert Theivadas and Shri S Markandan. The main goal of ISF was to provide a platform for the student members to build up their budding ideas via such technical programs and getting the benefit of technical visits /practical training/ project works that would increase their spirit of self-reliance and professionalism.
- **ISF at Kings College of Engineering, Punnakulam, Pudukkottai Dist, TN**, organized a technical quiz competition for ETE

Dept on **Jul 29, 2015**. Mrs T Shanthi, HOD/ECE chaired the function and delivered a speech on “The Role of Professional Societies in Engineering”.

- **ISF at VKR, VNB & AGK College of Engineering, Gudivada, AP**, conducted a seminar on “Adaptive Filtering and Estimation of under Water Target Tracking” on **Aug 01, 2015**. Dr S Koteswara Rao, Prof ECE Dept, KL University also the former scientist of NSTL, Vizag, was the resource person.
- **ISF at EGS Pillay Engg College, Nagapattinam (TN)**, conducted a two-day workshop in Software defined Radio using National Instruments - USRP with collaboration of National Instruments (NI) on **Aug 1-2, 2015**. About 35 faculties and students participated. Shri A Manimaran, the Chief Guest & the resource person, in his speech elaborated on Cognitive Radio Networks, next generation dynamic spectrum access networks which propose the opening of licensed bands to unlicensed bands, dynamic spectral access, efficient spectrum sensing, quality services issues etc.



HONOURS AND AWARDS



Dr V K Saraswat (HF0:0049) Honorary Fellow of IETE, former Chief of DRDO and former Secretary of Defence (Research & Development) has been appointed by the Prime Minister's Office as a **full-time member** of newly established **National Institution for Transforming India (NITI) Aayog**, New Delhi. IETE fraternity congratulates and wishes him the best in his new role.

Dr G Satheesh Reddy (F225072L), Distinguished Scientist, DRDO and Fellow of IETE and also an expert Jury Member for IETE Awards, have taken over as **Scientific Advisor to Raksha Mantri**, (SA to RM). He has been appointed to this post for a period of two years. The eminent missile scientist has made pioneering contributions to Navigation and Avionics technologies. He steered many defense projects and programmes as Director of Research Centre Imarat (RCI) and provided necessary thrust to the development of critical technologies. IETE wishes him all the best in his new position!



Dr R K Tyagi (F103153L) Ex-Chairman, HAL, has been conferred with the Russian **Decoration of Merit Award** of the Federal Service of Military Technical co-operation (FSMTC) by the Ambassador of Russia to India, **Alexander Kadakin**, in an event held at the Russian Embassy, New Delhi on 12th Jun 2015 for his contribution towards furthering the Army Technical collaboration between India and Russia. Congratulations to Dr R K Tyagi.

Dr S Christopher (F094450L) has taken over charge of **Director General & Secretary, DRDO**, Ministry of Defence, Govt of India. Congratulations to Dr S Christopher for this achievement.



Dr Chandra Sekhar Vellanki (F160401L & C.Engg 0228) has been nominated as **Senior Member of the Association for Computing Machinery (ACM)**- an international learned society for computing. The Senior Member Grade recognizes those ACM members with at least 10 years of professional experience and 5 years of continuous Professional Membership who have demonstrated performance that sets them apart from their peers. Best wishes to Dr Vellanki from IETE.

A research paper entitled "**Futuristic Black Box Design Considerations and Global Networking for Real Time Monitoring of Flight Performance Parameters**" by **Gp Capt (Dr) K P Gowd (F183790L)**, Chairman, IETE Bhopal Centre, has been accepted for presentation by the International Scientific committee of ICA 2016 during 18th International Conference on Aero Engineering to be held at Kuala Lumpur, Malaysia, on 11-12 Feb 2016. Congratulations to Gp Capt (Dr) KP Gowd for this achievement.



Phones: 011-43538821/22
E-mail: president@iete.org
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 110 003

Smriti Dagur
President



Maj Gen P K Jaggia, VSM (Retd)
Secretary General

Ref: IETE/322/61st AGW/2015

7th Sept 2015

To
All Corporate Members of IETE

61st (2014-15) ANNUAL GENERAL MEETING

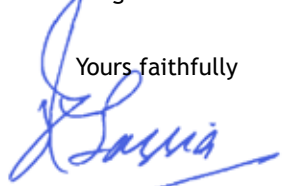
Dear Sir/Madam,

NOTICE is hereby given for the 61st (2014-15) Annual General Meeting of the Institution which will be held at 1700 hrs on Friday 25th Sep 2015 at Hotel Pride, Terminus, B.G-12, Action Area, 1-B, New Town, Rajarghat, Kolkata - 700 156.

You are requested to make it convenient to participate in the 61st (2014-15) Annual General Meeting.

Thanking you,

Yours faithfully


Maj Gen P K Jaggia, VSM (Retd)
Secretary General

AGENDA

ITEM 1 TO CONFIRM THE MINUTES OF THE 60TH (2013-14) ANNUAL GENERAL MEETING HELD ON 26TH SEPTEMBER 2014 AT NEW DELHI.

The Minutes have been circulated through the Jan-Apr 2015 issue of the Newsletter Vol 17 No. 1, Page No. 28. No comments have been received. The Minutes may be confirmed.

ITEM 2 TO CONSIDER AND ADOPT THE 61ST ANNUAL REPORT OF THE GOVERNING COUNCIL FOR THE YEAR 2014-15.

The 61st Annual Report is enclosed herewith and also available on our website www.iete.org.

ITEM 3 TO CONSIDER AND ADOPT THE AUDITED BALANCE SHEET AND INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31 MAR 2015.

The Audited Statement of Accounts for the year 2014-15 is given in the 61st Annual Report.

ITEM 4 TO APPOINT STATUTORY AUDITORS FOR THE YEAR 2015-16.

The Governing Council recommends M/s Chandlok and Guliani, Chartered Accountants, New Delhi, for re-appointment as Statutory Auditors of the Institution for the year 2015-16 at an annual remuneration of Rs 35000/- + Taxes.

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 70, may please be sent to reach the HQ Secretariat by 18th September 2015.

Phones: 011-43538821/22
E-mail: president@iete.org,
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 110 003

Smriti Dagur
President
Ref: IETE/M/323/1st-SGM/2014-15



Maj Gen P K Jaggia, VSM (Retd)
Secretary General
7th Sept 2015

To
All Corporate Members of IETE

1st (2014-15) SPECIAL GENERAL MEETING

Dear Sir/Madam,

NOTICE is hereby given for the 1st (2014-15) Special General Meeting of the Corporate Members of the Institution, which will be held in accordance with Byelaw 71 at 1800 Hours on Friday, the 25th Sept 2015, at **Hotel Pride, Terminus, B.G-12, Action Area, 1-B, New Town, Rajarghat, Kolkata-700156** 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, which should reach the Secretary General, IETE at 2, Institutional Area, Lodi Road, New Delhi - 110 003, not less than 48 hours before the time for holding the Meeting i.e. 1800 Hours on 23rd Sept 2015. Proxies received after 1800 Hours on 23rd Sept 2015 will be treated as invalid.

Thanking you,

Yours faithfully,


Maj Gen P K Jaggia, VSM(Retd)
Secretary General

AGENDA

ITEM 1 CONFIRMATION OF THE 1ST (2013-14) SPECIAL GENERAL MEETING OF CORPORATE MEMBERS HELD ON 26TH SEPTEMBER 2014 AT NEW DELHI.

The Minutes have been circulated through the Jan-Apr 2015 issue of the IETE Newsletter (Vol 17 No. 1, Page No. 29). No comments have been received. The minutes may be confirmed.

ITEM 2 CONSIDERATION OF AMENDMENTS OF BYELAWS.

Detailed proposal as approved by the Governing Council, is hosted on our website www.iete.org 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.

For the proposed amendments to IETE Byelaws, please visit our website : www.iete.org

IETE in the Press ...

OBITUARY

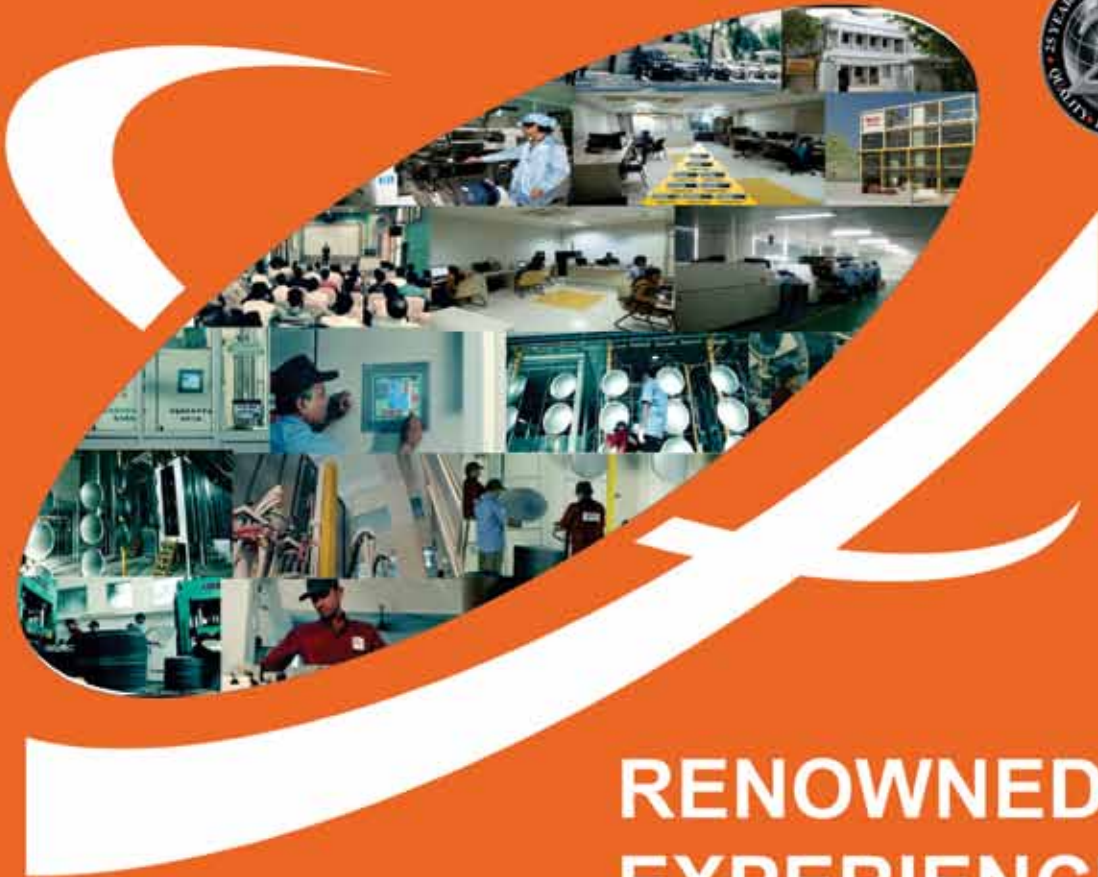
IETE fraternity extends deepest sympathies and condolences to the bereaved families of the following members-



Bharat Ratna (Dr) A P J Abdul Kalam (HF0:0030) one of the most illustrious Honorary Fellows of IETE passed away on 27th Jul 2015, while addressing the students of Indian Institute of Management-Shillong (IIM-S). He was a great scientist who ignited young minds. India mourns the loss of its past President, a great scientist and an inspiring individual. His sudden and unexpected passing away is an irreparable loss to India. He will always be known for his stirring speeches, simplicity & scientific acumen. The legacy he has left for us will continue to inspire and encourage children and youngsters in the world, especially in India for many years to come. We all deeply condole the passing away of a humble soul who believed in human values.

Dr D S Venkateswarlu (F092635L) left for heavenly abode on 22 Aug 2015. He obtained BE degree from Andhra University in 1960; ME from IISc, Bangalore in 1962, PhD from University of Southampton, UK in 1967. He had about 13 years Industrial experience at Bharat Electronics Ltd. and about 40 years of academic and R&D experience at Indian Institute of Technology; BHU; Vasavi College of Engg; MVSRR Engg. College; Srinidhi Institute of Tech., Hyderabad etc. He was actively involved in the activities of IETE Hyderabad Centre.





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