The Institution of Electronics and Telecommunication Engineers

IETE NEWS LETTER

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FROM PRESIDENT'S DESK

The time has come to pass on the baton to my worthy successor, who I am sure will lead the institution from the front. I am handing over at an exciting time, when IETE is preparing to set off on its journey to next year, with the overarching priority of mobilizing various business models to help deliver the sustainable development goals. This concept of skill India is resonating throughout the country and institutions everywhere are taking an active role in creating the skilled India we want, and are building partnerships to deliver progress. I have had the privilege of calling added attention of IETE towards such Skill programmes and watch closely as many of you playing a leading role in this shift. I thank you for your work building and advocating its feasibility in the present scenario. I am sure in the coming years, IETE can create a niche in this new area as IETE has the right inspiration from the past and the strength from its present, and can be guided by its vision and mission closely.

In line with the focus, IETE has inked a MoU with the Sedulity Solutions & Technologies on 17th May 2016, with an aim to provide training in Information Security, Cyber Laws, Cyber Forensics (certificate courses),Diploma in Information Security, Advance Diploma in Information Security, and Post Graduate Diploma in Information Security courses and make the participants industry ready. I am glad to inform that the 1st Batch of Information Security has already commenced from 16th July 2016 at IETE HQs. The classes are through online mode for pan India students but for Delhi/NCR students the facility is initially being provided through class room mode also. Dear students, if you want to further your education, seek professional development, or want courses to change your careers, please join us for these professional courses, which has a growing demand. The Govt of India needs approximately 4 lacs cyber security experts, whereas the demand is much more the world over.

I take this opportunity to congratulate IETE student awardees 2015-16 for their excellent academic achievements and the IETE Awardees 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 -2016 and publish their details in this issue. Congratulations to all of them. I wish them all a bright future ahead.

Going forward, I see tremendous potential for us to grow and lead. We are taking several measures to increase our competitiveness, sharpen our accountability at all levels. The growth of our membership is of paramount importance to our success and needs collaborative efforts. It cannot be done as quickly as we would like. However, efforts will be made to reach out to the leadership of all IETE Centres, who have good networking skills and could organize events on advanced topics, accelerate quality professional activities, and can attract more members. I am sure the newly agreed agenda decisions whether big or small, simple or complex, taken in the Governing Council Meetings of July 2016 will be implemented and forged with commitment next year ahead. I would also like to share that after a lot of efforts and perseverance, IETE could get an audience with the new Minister of Human Resource Development, Shri Prakash Javadekar on 1st Aug 2016. We have been told that the matter of de-recognition would be looked into positively. I have the faith that a fair solution to the problem will continue to be sought for coming out of this crisis. I also wish to express my gratitude to the outgoing members of the IETE Governing Council for their excellent guidance and welcome the new Governing Council Members.

Finally, I invite you for this two-day event -ATC- 2016, our annual flagship event, to be held at IETE HQ, New Delhi on "Make in India- Product Design/IPR in ICT" on 24-25th Sept 2016, for discussion, debate, information exchange, and networking. The attendees will include professionals representing the private sector, government agencies, multilateral institutions, universities, think tanks, consulting firms, and more, who are actively engaged in international developments. We will have keynote addresses, technical paper presentations and plenty of networking time. I invite all the IETE members and the non-members as well to attend and participate.

IETE will be happy to take any query regarding the Annual Technical Convention-2016 through email at sec.gen@iete.org or call 011 43538823.

Best wishes!

Smriti Dagur

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IETE HQs, New Delhi

President Elect 2016-17

In the recently conducted election for President IETE (2016-17), **Lt Gen (Dr) AKS Chandele, PVSM, AVSM (Retd)**, has been voted the president-elect. He will officially assume his role as President in Sept 2016 following the 59th Annual Technical Convention in New Delhi.

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. He 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. He is a senior member of 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.

IETE extends hearty congratulations to the newly elected President and wish him every success in discharging the duties of his position.

IETE Distinguished Fellows – 2016

Two senior Fellows, amongst four contestants have been elected by the Institution of Electronics and Telecommunication Engineers as Distinguished Fellows this year, in recognition of their contribution and achievements deemed to be of an exceptional merit in the field of Electronics and/or Telecommunication Engineering.

Dr Pawan Kapur (DF 055895L) has been elected as the Distinguished Fellow of the Institution of Electronics and Telecommunication Engineers by the electoral College of IETE. He obtained his BSc (Hons) Physics degree in 1969, BTech in Radio Physics & Electronics in 1972, MTech in Control Systems & Digital Techniques in 1974 and PhD in Bio-medical engineering in 1978 from the Institute of Radio Physics & Electronics, University of Calcutta. He joined CSIR-CEERI, Pilani in April 1975, where he rose up to the level of Director Grade Scientist & Group Leader, Agri-Electronics Group. He carried out significant research work in the area of Electronic Instrumentation and Control Systems for various agro-based industries like sugar, tea, mushroom cultivation, food/beverage, storage, electronic nose, etc. and developed several technologies and transferred them to industry for commercialization. In Oct 2004, he took over the reins of CSIR-CSIO, Chandigarh as its Director and remained up to Dec 2012. He restructured CSIO and set up several R&D infrastructure/ facilities of national importance namely: Agri-Electronics Lab, Analytical Instrumentation & Food Characterization Lab, Optical Metrology Lab, Photonics Lab, Bio-medical Engg Lab, Computational Instrumentation Lab, etc. He totally modernized the prestigious 50 years old Indo-Swiss Training Centre for skill development. He also set-up the CSIR-Academy of Scientific & Innovative Research for quality human resource development in advanced instrumentation and mechatronics. He was on deputation to various countries like Germany, Australia, UK, USA, Brazil, Hungary, France, Mauritius, Singapore, etc. for advanced research and academic pursuits. Dr Kapur has published more than 250 research papers in referred journals and conference proceedings, 14 technologies/products, 6 patents, 6 book chapters, guided 10 PhD scholars and more than 100 MTech dissertations.The honours conferred on him and the laurels bequeathed on him are too many to be listed here. He is a Fellow of many leading Scientific/Engineering bodies across the country.

Dr Kapur has contributed significantly towards the growth

of IETE for more than 3 decades from Pilani and Chandigarh. He was Chairman IETE-Pilani Centre (2000-2002), IETE-Chandigarh Centre (2008-2010), Governing Council Member (2012-2015), organized IETE Mid Term Symposium at Pilani and at Chandigarh, Apex Fora (5) and Skill Development & Industrial Consultancy. His contribution to IETE as Governing Council Member, Chairman of various Committees and a mentor to IETE Chandigarh Centre are notable.

Wg Cdr D N Misra (Retd) (DF014255) has also been elected as the Distinguished Fellow of the IETE this year 2016. He is MSc (Physics) AMU; Aeronautical Engineer Electronics- Air Force Technical College, Bangalore; Chartered Engineer IE(I) & IETE; MA (Public Admn) Punjab University; Mkt. and Pers Management (DU). Wg Cdr Misra is a Fellow Member of IETE and IE(I), EC Member IEEE (USA) Delhi Chapter, Life Member of ISTE, Member BES, Senior Member CSI and has been Chairman Chandigarh Centre. He has served AIR at Delhi and Ajmer (1957-61) and was commissioned in IAF in Tech /Sigs branch in 1962. Wg Cdr Misra has worked for 27 years in planning, maintenance of sophisticated Electronics, Telecommunication & Electronic Warfare System of IAF. He was an Instructor at Air Force Technical College Bangalore; Project Officer for Electronic Warfare Systems; Directing Staff for Joint Electronic Warfare Courses at Indian Navy at Cochin. Wg Cdr Misra earned Commendation of AOC-in-C Maintenance Command for quality inspection of Electronics and Telecom equipment during the 1971 Indo-Pak War and of Chief of Air Staff for outstanding contribution in maintenance planning of IAF Electronic Systems. After retirement from IAF he worked at PCL, Mohali, as Senior Manager.

He joined IETE in 1971 & is a Life Fellow Member of IETE since 1983. Played key role in growth of IETE Chandigarh, Jammu & Shimla Centers and had organized Mid-Term-Symposium at IETE Shimla. The construction of beautiful building of IETE Chandigarh centre was a milestone. Enhanced Corporate and Organizational membership and spread ISFs in large number of technical colleges as Governing Council Member. He was elected again as one in 2007-10. As Chairman ICC, he conducted three Apex Fora on Tele-Medicine at Hyderabad and two on current Telecom topics at Delhi. As Zonal Coordinator North, he visited most of north zone centers at own cost. The Centres developed by him were Agra, Ambala and Jalandhar centres and he also initiated IETE Industrial Consultancy Service at Chandigarh and Ambala Centres. In 2011, he was elected for the 3rd time in IETE Governing Council. As IETE Zonal Coordinator (North), he took many special measures to enhance visibility of IETE. Organized Diamond Jubilee Zonal seminars at Chandigarh, Jammu & Srinagar with grand success and opening of IETE Student Forum at Srinagar. Wg Cdr Misra has been conferred with IETE B R Batra Memorial Award for rendering selfless service to IETE for past two decades.

Congratulations to Dr Pawan Kapur, Past Dir, CSIO-CSIR, Chandigarh & Wg Cdr D N Misra (Retd) for being elected as the Distinguished Fellows of the Institution of Electronics and Telecommunication Engineers.

The IETE Distinguished Fellowships will be conferred at the inaugural session on 59th Annual Technical Convention, scheduled to be held at IETE HQ, Delton Hall on 24-Sept 2016.

News from Headquarters

Interacting with our esteemed IETE Editors-in-Chief (EICs)

Seen from L to R → ***Maj Gen P K Jaggia, VSM (Retd)****, Secretary General IETE;* ***Lt Gen (Dr) AKS Chandele, PVSM, AVSM (Retd)****, President Elect 2016-17;* ***Prof Raj Senani****, EIC- IETE Journal of Education and Prof, Division of ECE, NSIT, New Delhi;* ***Prof S C Dutta Roy,*** *DFIETE;* ***Prof Jagadesh Kumar****, EIC-IETE Technical Review and Vice-Chancellor JNU;* ***Smt Smriti Dagur****, President IETE and* ***Lt Gen (Dr) Rajesh Pant, PVSM, AVSM, VSM (Retd),*** *Member IETE Publications Committee.*

We missed the presence of ***Prof S K Koul****, EIC - IETE Journal of Research and Prof, CARE, IIT Delhi.*

48th World Telecommunication and Information Society Day – 2016

The 48th World Telecommunication and Information Society Day was observed at IETE HQ on 17th May 2016 on the theme, **"ICT Entrepreneurship for Social Impact"**. The occasion was graced by **Dr Ramjee Prasad**, Founder Chairman GISFI as the Chief Guest, who in his address talked about the activities of GISFI, which is actively involved in devising standards to drive the future ICTs. He very aptly highlighted his vision for India's future. He traced the path of growth of technology from 1G reaching upto 5G and entrepreneurial successes. He stressed on innovation, IPR, standardization, which according to him beckons India. Other dignitaries sharing the dais were: **Smt Smriti Dagur**, President IETE; **Prof (Dr) KTV Reddy**, Chairman, Technical Programmes & Publicity Committee and Governing Council Member, IETE; **Shri Vipin Tyagi**, Exec Dir, C-DoT; **Shri Nikhil Kanodia**, President & Chief Technology Officer, Precision Electronics Ltd, Noida; **Shri Ashok Singh**, CEO & MD, Zephyr Pvt Ltd, New Delhi; **Shri Anurag Chiller**, Head-Sales & Marketing, BlueTown, New Delhi and **Maj Gen P K Jaggia, VSM (Retd),** Secretary General, IETE.

Prof (Dr) KTV Reddy in his welcome address highlighted the objective of the day and the importance of the theme selected by the ITU for the year. The distinguished speaker, Shri Tyagi talked on the Rural Centric ICT initiatives of Govt for economic growth in the local context, which is so essentially required for creating new business models in the domain of ICT. His talk entailed connecting cyber space to real space, which he said would fuel entrepreneurship. He said that innovation is the buzz word and would offer real challenge & opportunity to our youth. Startups and e-commerce enablement will get anyone where one wants to be. According to him, finding markets for Indian products poses is a big challenge. Shri Kanodia covered ICT innovations required to address the difficulties being faced in the Power Sector and those related to last mile connectivity. He elaborated on the G005 push towards solar energy to meet rural energy charges, solar user for rural electrification and agricultural support. He said that India is big market for solar energy and hence opportunity is there for entrepreneurship. The solutions proposed by him were pragmatic and implementable. Shri Ashok Singh talked about his life time experiences which inspired many young minds present during the talk. He talked about risk taking attitude for successful entrepreneurship, and need of facilitating production centres in rural areas. Shri Chiller shared his thoughts on how to create rural entrepreneurs through ICT, on creating Green Public Hotspots on an unwired Rural Tower and delivery of services through Wi-Fi hotspots. Smt Smriti Dagur, also illuminated the audience with her views on the theme of the day.

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

Event Highlights

IETE Innovation Meet

India with over 50 per cent of population comprising youngsters below the age of 30 years is at the cusp of social transformation driven by advances in technology. This phenomenon is manifest in terms of hundreds of Start-up companies established by aspiring college graduates, who are not satisfied with routine job postings that limit their creativity and accomplishments.

To leverage this propitious scenario to boost economic growth, as country's premier professional body – The Institution of Electronics and Telecommunication Engineers, held one-day brain-storming session, entitled, 'IETE Innovations Meet' on Saturday, 27th August 2016, where many experts expressed their thoughts for the blueprint of India's progress.

Prime Minister Modi's novel ideas that inspired discussions included Government's recent projects like "Digital India" and 'Make in India". Particularly, country can be justifiably proud of the 'Aadhar' project, that is today a model for the world, inspiring many countries to embrace this biometric-based identity for the millions of population enabling direct transfer of government benefits.

The meet commenced with the welcoming remarks from **(Prof) Wg Cdr P Prabhakar, (Retd),** Chairman Board of Research, Innovation and Standards, who highlighted IETE's initiatives to build innovation space, it's contribution in creating innovation ecosystem and how IETE can contribute meaningfully, given the requisite financial support by the Govt. IETE President, **Smt Smriti Dagur** highlighted the appreciable innovative efforts of India in attracting foreign investment and setting up of R&D units in the country. She mentioned the innovations by the name of jugaad at a village level and opined that these ideas might become path breaker of tomorrow. She called upon all to work together towards building young innovators base and offered IETE's platform to promulgate Govt schemes to reach out to people.

The Chief Guest **Shri Ajay Kumar,** Additional Secretary, MeitY, Govt of India, in his address emphasized on the deployment of innovative solutions for which there is a need for suitable interface between Govt, professional bodies and industries. He said that IETE stands a golden opportunity to expand its space via Govt promoted projects like Digital India or Electronics manufacturing workshops and it can also play its role in spreading awareness for developing competence, which is central for innovation. He offered full support to projects which are central to MeitY development plans.

Shri Sagar Paliwal, CEO, Auticartz.com, touched upon the present status of highly unorganized auto service sector in India, which he says is filled with spurious spare parts and unprincipled dealers. Today the customer has no time to search for the right service provider and end up buying cheap Chinese knockoffs of real ones. He talked about his creation of e-commerce platform (autokartz.com) that caters to all the needs of the car owners, be it installation, servicing of the car products or 24×7 road side assistance, etc. **Shri Ajay Mohapatra,** CEO Justrojgar India Pvt Ltd, & CEO- We the People, got into details of how they are creating sustainable livelihood for the people who are at the bottom of the pyramid; their training courses (on line & off line) meant for illiterate and a larger platform for unorganized sectors. He was of the view that technology must reach masses and there is a need of incubation centres at village level. **Shri S K Prusty,** Dir, DoT, advocated the importance of communication. He said that innovation could thrive only through communication, that is among different verticals, different layers, different geography that will lead to transformation. He also shared his conception of Standard Operating System for Indian languages (SOIL), useful for mass innovation. He talked about making things simpler for the citizen by devoting his time & efforts in core activities without wasting time in number of auxiliaries. **Dr Ravi Krishnan Elangovan,** IIT, Delhi , enlightened the audience about the present Innovation Ecosystem in IIT Delhi, where it has introduced multiple courses which provide opportunity to work on real world problems through collaborations. According to him new teaching/ learning ecosystem is conducive to innovation. There is a need to enable /nucleate multi-disciplinary teams and co-creating the products and solutions involving end-users at every stage. He also said that we should ensure that there is a continuity of innovations for longer durations. He shared his case study on problem driven innovation on Typhoid diagnosis. The next speaker, **Shri Kashif Sherwani,** Research Scholar, CSIR-CSIO, Chandigarh presented his talk on "Tool for Real-time Assessment of Postural Stability and Biofeedback for rehabilitation". He said how with their virtual kit and observation and questionnaire they are helping the patients with adverse effects. **Associate Professor Jiwan Reddy,** SNIST, Hyderabad, threw light on his research paper "Design of Electroencephalography (EEG) based speech recognition system for people with speaking disabilities". According to this research they analyze the EEG signals to process speech recognition, convert effective brain signal to word conversion, assist people and enable communication to enhance their confidence**. Shri Yogesh Andlay,** School of Inspired Leadership, Gurgaon, enlightened the audience on his 'School of Inspired Leadership' of whom he is a part of mentoring network. He talked about his programme that creates leaders with confidence, character & enthusiasm. **Shri Rajesh Gaba**, Innovator, LED lighting Innovation Point, shared his successful work on development of LED lights with parallel load with equal distribution of current in each LED chip. **Wg Cdr K K Verma**, Founder Director, Innovative Institute of Unlearning, talked about some ground situation in India with regards to innovation. He called it a long journey and setting the right priorities. He was of the view that there is a need to unlearn outdated perceptions, working with latest technology & resources, strengthening of the institutions.

The meet showcased how academic and industry collaboration are transforming the sectors and how further collaboration will further shape the country. The concluding remarks were delivered by **Maj Gen P K Jaggia, VSM (Retd)**, Secretary General IETE.

Newly Elected IETE Governing Council Members (2016-19)

Prof (Dr) M Basavaraj (DF-138567) is BE (E&CE) from Osmania University, Hyderabad; MTech (Microwaves & Radar) from IIT Roorkee and PhD (Electronics) from Arizona (USA). With initial technical & academic experience, he was deputed as the founder Principal of SLN College of Engg, Raichur for two terms of five years each by the Govt of Karnataka. With the mission of building excellent professionals in engineering and technology, later he joined REC Bhalki, as Director and provided value and need based quality education. He has acted as Academic Council Member and Chairman Board of Studies & Board of Examiners of various Universities of Karnataka. He was nominated by the ISTE as visiting Prof to various Engg colleges of Karnataka and neighboring states and also nominated by Visvesvaraya Technological University as Governing Body Member of Shiradi Sai College of Engg Bengaluru & Sarijini Liladharan Nair College of Engg, Raichur. He served ISTE as Chairman of Karnataka Section and council member for five terms and also as Vice-President**.** To facilitate quality education, he served in various technical institutions of Mehaboobnagar & RR Dist AP. Has been instrumental in starting ISFs in various Institutes of Karnataka and AP. Senior member of many sister societies & professional bodies. As a Governing Council member he served IETE in the years 2007, 2008-11 & 2012-15. He is the founder Chairman of Gulbarga Sub-Centre of IETE.

Shri C K Haridas (F-005141L) is a Mathematics graduate with GradIETE degree from IETE. He is a former Dy Gen Mgr (Telecom) and has served this Dept for 39 years. Founder Chairman of Palakkad Sub-Centre, which started with handful of members in 2003 with no balance, today has acquired two floors in prime location and has more than 300 corp members in its role. He was also instrumental in opening Kozhikode Sub-Centre under Palakkad within very short period and actively achieved good membership-base from Kerala & undeveloped rural areas of Malabar. He was elected in the IETE Governing Council in the year 2012 and contributed significantly in Student Interaction cell, Academic and Exam committees. As the Zonal Coordinator organized three notable events in the South Zone, viz, NTPC at Chennai; 2nd ISF Students' Congress at Coimbatore and the South Zone Seminar at Trivandrum, clubbed with the 1st South Zone Chairpersons' Meet. At present actively guiding the Palakkad Centre in diversified ventures like PMKVY programs.

Shri Vijay Kumar Gupta (F012510L) is an IETE alumni, & Chartered Engineer IETE, IEI and IET (London), FBES, FIIMM, Sr. Member IEEE, Member CSI, IOP, SBE & AIMA. The degrees obtained by him are MSc, BSc, Grad IETE & Grad IEI. He retired as Director (Engineering) from AIR & DD, after serving for 37 plus years. He has served at IETE Delhi Centre as Hony Treasurer & Executive Member; has travelled widely world over. He has published/presented 39 technical papers and is recipient of many prestigious awards, including an Innovation Award from Hony President of India. Believes in team-work and encourages team building activities/ skills in young engineers, is guided by strong vision and values and desires to connect the unconnected IETE members. He is presently working as a consultant and is a Govt approved registered valuer for plant & machinery.

Col Balraj Anand (Retd) (F-109714L) is MSc in Physics with Electronics (Hons. 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. He has 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 (1999 - 2002) which is responsible to provide ground to air radio communications. He worked in the corporate sector for 13 years. He was the elected member of IETE Governing Council from 2011 to 2014 and the 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.

Prof M N Hoda (F-150560L), MCA, PhD, is working as a Professor of Computer Science & as Director at Bharati Vidyapeeth's Institute of Computer Applications & Management (BVICAM), New Delhi. He is the Chairman, Systems Division of Computer Society of India. He has over 21 years of experience

in academics in different capacities. He is an expert member of many board level committees of DST, CSIR and MHRD, has served in various capacities at GGSIP University, New Delhi and is still working as the Co-ordinator-cum-Convener for MCA Programme of GGSIPU, New Delhi, since last twelve years. His current areas of research are Information System Audit, Software Engineering, Computer Networks, Artificial Intelligence, ICTs and Innovative Pedagogies for 21st Century Teaching Learning System. Published over 100 papers in the journals and conferences, is the Editor-in-Chief of the International Journal-'BIJIT' - BVICAM's International Journal of Information Technology; has co-authored two books- "Handbook of MCA" for UP Technical University and a reference book on Mathematical Modelling, Optimization and their Applications. He is a Senior Member of IEEE, CSI, IE(I), ISTE, ISCA, ACM and a fellow of IETE.

Dr K Satya Prasad (F-183785L), BTech, ME, PhD (IITM), and is a SMIEEE, FIETE, FIE, LMISTE, LMISCA. Presently, Prof of ECE, JNTUK, Kakinada. He is a founder Chairman of IETE Kakinada Sub-Centre which started in 2011 and within two years with the support of affiliated colleges, University and IETE HQs, he completed the construction of a three storied building costing about Rs.70 lacs. Started his career as Academic Assistant at REC Warangal (NITW); worked at Kakinada, Hyderabad and Anantapur, the three constituent Colleges of JNTU. After formation of JNTUK, became the Director of Evaluation and later the First RECTOR of the University. Has authored four text books, guided 16 students for PhD degree and 12 students are still pursuing their research work; published about 200 research papers in reputed International & National Journals and Conferences. The Government of AP has awarded the prestigious State Best Teacher Award to him in 2009 and is also the recipient of the Best Principal award. Has 36 years of academic, research and administrative experience and is a member of different professional bodies.

Shri Sharad Singh (F198422L) completed BTech in Electronics Engg from HBTI Kanpur. Presently, he is a DGM (Project Engineering) at EOC, NTPC, Noida. He has more than 21 yrs. of experience in power sector and is an expert of Project Management. He has also worked in the field of IT infrastructure development at NTPC and developed unique project (from concept to design) of paperless office first of its kind in the Govt sector and compelled the strategy of computerization in NTPC, that resulted in saving millions of rupees of the company. This has enabled engineers to enhance performance across the board. Now NTPC engineering office has its own in-house state of the art platform for engineering activities for ongoing multiple projects. He completed MBA in business strategy from MDI Gurgaon, and his added expert area is renewable energy. He has served IETE Delhi Centre as Hony Secy (2010-12) during which he focused on strengthening the infrastructure, conduct of GATE classes, recruitment of qualified teaching staff and student placement activities. He aspires for unified efforts towards resolving the present crisis of de-recognition of IETE courses.

Ex-Officio IETE Governing Council Members (2016-18)

Dr Swarna Ravindra Babu (F201865L) is the Founder & CEO of Coovum Smart Systems and Services Pvt Ltd. based out of Chennai. The company specializes in smart infrastructure using IoT, Big Data and Cloud Computing for manufacturing, retail, healthcare and educational industries. Prior to founding this company, he has worked for about 20 years in various R&D industries in both India and abroad. His areas of specialization are IoT, GPS / GNSS, Sensors, Wireless Communication, RF and Statistical Systems. He has led several teams successfully in the product development spanning automatic navigation of agricultural tractors to Location Based Services (LBS) for premium smart phones. He has published over 100 papers in technical journals and conferences, and filed 11 patents in India and abroad. He is a reviewer of several journals including IEEE. He has won international awards for best papers in the field of navigation. He is also an invited speaker in several conferences and workshops. He will take over from Shri S Ramaswamy as the Chairman IETE Chennai Centre after Sept 2016.

Dr Udhav Bhosle (F156349L) the present Chairman of IETE Mumbai Centre has received his PhD in Electrical Engineering, from IIT, Mumbai in 2004; BE (Electronics) and ME (Electronics & Telecommunication) from SGGS Institute of Engineering and Technology, Nanded, Maharashtra in 1989 and 1995 respectively. He is Principal and Professor at the Dept of ETE, Rajiv Gandhi Institute of Technology, Mumbai, and

University of Mumbai. His research interest includes Signal and Image Processing, Computer Vision and Communication Engineering.

Shri R S Chauhan (F068960L) the new Chairman for IETE Delhi Centre has been serving in MTNL for last 18 years as an executive and has also served in the private sector for 20 years. He has experience in various switching technologies like 5-ESS switch, EWSD switch, Ericsson and Huwai Dislam/Broadband services as well as in wireless technology. Shri Chauhan has been associated with IETE since 1994. Earlier he has served IETE Delhi Centre as a Hony Secretary for 10 years and has worked for the development & betterment of the Centre. He has also helped in the conduct & in organizing of various technical lectures, workshops conferences and visits to the private companies for the student placements.

Shri Gopaldas Dawara, (F050960L) joined IETE in 1994. He has worked as Hony Treasurer, Hony Secretary and EC member for IETE Pune Centre and now he has been chosen as the Chairman of the Centre. His earlier contribution towards the Centre has been for the Norad Scheme Programme, Projects, competitions organized for final year BE students and as the PRO for all the seminars and conventions held at the Centre. He has retired from active business and textile industry. He is the President, Royal Connaught Boat Club Pune, since 2009.

Dr G Laxmi Narayana (F134038L) has received the degrees of BE- Osmania University(OU), Hyderabad; MTech-IISc, Bangalore and PhD- JNTU, Hyderabad. He has started his career as a Trainee, went on become to Instrumentation Engineer and later took up the teaching profession as a Lecturer - at ECE Dept, OU, Hyderabad. He also worked as HoD, ECE at Sree Nidhi Institute of Sci & Tech, Ghatkesar. Since 2012 he has been working as the Principal in Anurag College of Engineering, Ghatkesar. He is a technical consultant for many industries in public and private sector like BHEL, South Central Railways, small industries and hospitals. He has guided more than 300 UG and 40 PG projects in engineering. He is an associate editor for "Journal of Innovation in Electronics and Communication Engineering". He has published 21 research papers in International and national journals. He has authored and published a book "Integration of Space Born and Ground Based Navigation Systems", published by LAMBERT Academic Publishing (July 28, 2012), USA. He is a life member of IETE, ISTE, and member of IEEE. He served IETE Hyderabad Centre in the capacity of Hony Treasurer (2014-16). Now, he has been elected unanimously as IETE Centre Chairman, Hyderabad for the year 2016-18.

Shri Gorantala Ramesh (F036796L) is the new Chairman for IETE Bangalore Centre. He is Grad IETE, PG Dip in Operations Management and has also completed MDT/ RC. He is a Fellow IETE/ Life Member SEE/ IMAPS/ISRS/SSI/INSRAM. He has been associated with IETE Bangalore for 32 years; served as Chairman SCC/EC Member/Hony Joint Secretary/ Hony Secretary and has significantly contributed for its overall growth. He is serving at ISRO Satellite Centre since 1983 in the areas of Quality Assurance and Project Management and also associated with establishment of SITAR as a Quality Assurance and Process Standardization in-charge (ISRO Rep). He has been associated / responsible for indigenization of Solar Cells, HMCs, ICs and ASICs from M/s BHEL, BEL, CEERI, WIE, CENTUM, ITI and HAL etc for spacecraft projects.

Col T N Shreevastawa (F110305L), a technical graduate in Telecommunication Engineering from Jadavpur University and post graduate in Electrical Engineering from IISc Bangalore, has served Indian Army for 30 years in various appointments in planning and providing mobile communications to field Army. He also actively participated in 1971 operations in Bangladesh providing communications. He did three Instructional tenures in MCTE, Mhow, teaching degree, engineering and post graduate engineering courses. He was selected as Project Officer for design and development of certain modules of AREN project of Army at TIFR Mumbai for 4 years. After retirement from Army, he joined ITI Ltd and served for about 7 years as DGM/AGM dealing with various Army & AF projects for networking, communications, secrecy and satellite equipment. Thereafter, he served in three reputed Telecom Companies at senior levels for 15 years dealing with Telecom. His association with IETE Noida Centre is for 10 years. He is the new Chairman of IETE Noida Centre.

Take Notice

All IETE Corporate Members are requested to intimate any update in their E-mail IDs or Mobile numbers immediately to IETE HQ on sec.gen@iete.org.

Also, if IETE Members are interested in serving IETE as an Editor or Reviewer, send us the areas of expertise with your present profile for scrutiny and onwards submission to Editor-in-Chief of respective journals.

IETE Awardees-2016

Congratulations to all the AWARDEES !

The following Awardees have been selected in various categories of IETE Awards for this year. Except for a few, most of the awards will be presented during Annual Technical Convention of IETE scheduled to be held in Sept 2016 at HQs. The awardees will be intimated about the day and venue of the Awards ceremony separately.

IETE MAIN AWARDS

IETE - Ram Lal Wadhwa Award

Awardee: Dr Debatosh Guha, University of Calcutta, Kolkata

IETE - Hari Ramji Toshniwal Award

Awardee: Dr Vijay Kanchanlal Shah, ABB India Ltd, Vadodara

IETE - Bimal Bose Award

Awardee: Prof M R Baiju, Professor, College of Engg Trivandrum

IETE - Lal C Verman Award

Awardee: Lt Gen J S Dhillon, VSM, (Retd), DG, SBBS Educational Complex, Pro-Chancellor, Sant Baba Bhag Singh University, Jalandhar

IETE - Flt Lt Tanmaya Singh Dandass Memorial Award

Awardee: Shri Brajnish Sitara, DRDO, Hyderabad

IETE - Prof K Sreenivasan Memorial Award

Awardee: Shri Adrish Banerjee, IIT Kanpur

IETE - Prof SVC Aiya Memorial Award

No recipient in the award this year.

IETE - Prof S N Mitra Memorial Award

Awardee: Shri Sunil, Addl Director General, Doordarshan, New Delhi

IETE –CEOT (94) Award (Biennial)

Awardee: Dr Shanthi Prince, SRM University, Kattankulathur, Chennai

IETE-B V Baliga Memorial Award

Awardee: Shri PNAP Rao, ADA, Bangalore

IETE - N V Gadadhar Memorial Award

Awardee: Dr E Prince Edward, Sri Krishna Polytechnic College, Coimbatore.

IETE - B R Batra Memorial Award

Awardee: Dr M H Kori, Technology Consultant, Bangalore

IETE -R S Khandpur Award

Joint Awardees: Prof Sneh Anand, Centre for Biomedical Engineering, IIT Delhi and Prof Subhas Chandra Mukhopadhyay, Massey University, Palmerston North, New Zealand

IETE – Brig M L Anand Award

Awardee: Dr Gajendra R Bamnote, Prof Ram Meghe Inst of Tech and Research, Badnera, Amravati

IETE - Biman Behari Sen Memorial Award

Awardee: Prof Mohan Vithal Rao Aware, Visvesvaraya National Inst of Technology, Nagpur

IETE-Life Time Achievement Award

Joint Awardees: Col B K Rai, DF & Past President, IETE and Prof (Dr) R K Arora, DF & Past President, IETE

IETE- Smt Manorama Rathore Memorial Award

Awardee: Prof Sukhdev Roy, Dayalbagh Educational Inst, Dayalbagh, Agra

IETE- Smt Ranjana Pal Memorial Award

Awardee: Prof Shweta Srivastava, Jaypee Inst of Information Technology, Noida

IETE-Smt Triveni Devi Gupta Memorial Award

Awardee: Ms J Manjula, DRDO, Hyderabad

IETE-Technomedia Award for Young Women in Engineering

Awardee: Dr V Thulasi Bai, Prathyusha Engineering College, Thiruvallur, TN

IETE- Shri Devi Singh Tyagi Memorial Award

Awardee: Ms T S Padma Priya, Hindustan Aeronautics Limited, Hyderabad

IETE CORPORATE AWARDS

IETE–Corporate Award for Performance in Computer & Telecommunication Systems (MSME)

M/s Matrix Comsec, 394, GIDC, Makarpura, Vadodara

IETE-Corporate Award for Performance in Development of Software(MSME& LE)

No nominations received in these categories

IETE-Corporate Award for Performance in Electronic Components (MSME)

Awardee: M/s Kwality Photonics Pvt Ltd, Hyderabad

IETE Corporate Award for Performance in Electronic Instruments and Instrumentation (MSME)

Awardee: M/s Anshuman Tech Pvt Ltd, Pune

No Nominations were received for the LE categories in respect of IETE–Corporate Award for Performance in Computer & Telecommunication Systems; IETE-Corporate Award for Performance in Electronic Components and IETE Corporate Award for Performance in Electronic & Instruments and Instrumentation**.**

IETE ACADEMIC AWARDS

For the year 2016, the Academic Awards for excellence for IETE Students awarded every year in various categories are as follows. The awardees are intimated in advance and trusted to receive their awards during Students Session of Annual Technical Convention of IETE.

A. ALCCS

ALCCS IETE-Gopal M Dandekar Memorial Award to a girl student securing the highest percentage with 60% and above marks and completing ALCCS Course in three years clearing all the theory papers in two years. In case girl student is not available it may be given to a boy student. – **No recipient in the award this year.**

B. AMIETE

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 2015

OLD (ET): SATYENDRA KUMAR (Mem No 215047)- 6.6 GPA

DECEMBER 2015

NEW (ET): CHENNU NARESH (Mem No 237915)- 7.66 GPA

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 2015

NEW(ET): PRAGYA (Mem No 236006) - 7.33 GPA

DECEMBER 2015

NEW (CSE): P LATHA (Mem No 236588)- 9.5 GPA

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 exem ptions.

JUNE 2015

OLD (ET) : PATIL SANDIP SHIVAJI (Mem No 232799)- 7.2 GPA

(IT) : LAISHRAM ROJIT SINGH (Mem No 220452)- 7.0 GPA

DECEMBER 2015

OLD (ET) : BHAGAVATULA SHIVA VIKRAM (Mem No 235570) - 8.2 GPA

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 2015

OLD (ET) : RAHUL MEHAR (Mem No 230590) - 6.75 GPA

(CS) : NIDHI BAJPAI (Mem No 231517) - 7.25 GPA

DECEMBER 2015

OLD (ET) : KARAM BIR (Mem No 229800) - 6.5 GPA

CHAVAN RAOSAHEB GULABRAO (Mem No 217357) - 6.5 GPA

(CS) : ANKIT GUPTA (Mem No 232308) - 7.0 GPA

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

JUNE 2015

OLD (ET) : PADAVALA SRI LAKSHMI (Mem No 230705) - 8.14 GPA

(CS) : SONAL KATARIA (Mem No 226631) - 8.25 GPA

(IT) : PRIYA KUMARI (Mem No 227238) - 7.51 GPA

DECEMBER 2015

OLD (ET) : PATEL KETUL RAJESH KUMAR (Mem No 229508) - 8.25 GPA

(CS) : SULINA JIGDONG (Mem No 228283) - 6.81 GPA

(IT) : NAMEIRAKPAM DEBALA DEVI (Mem No 230000) - 7.62 GPA

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.- **No recipient in the award this year.**

AMIETE- Gopal M Dandekar Memorial Award to a girl student securing the highest percentage wit h 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.

JUNE 2015

(ET) : PADAVALA SRILAKSHMI (Mem No 230705) - 8.14 GPA

C DipIETE

DipIETE Council Award-I for securing the highest percentage with 6.5 GPA and above marks and completing Part 1 of Section A in one attempt without any exemption. **No recipient in the award this year.**

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. **No recipient in the award this year.**

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. **No recipient in the award this year.**

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.

JUNE 2015

OLD (ET) : MANJUNATH GENASHI (Mem No 234761) - 7.66 GPA

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 2015

OLD (ET) : FAISHAL AZEEM KHAN (Mem No 231585) - 8.52 CGPA

(CS) : PAWAN KUMAR (Mem No 230672) - 7.0 CGPA

DECEMBER 2015

OLD (ET) : DAHIMA RAJNIKUMAR KARSHANBHAI (Mem No 234314) - 6.85 CGPA

(CS) : NAYANA G (Mem No 233235) - 8.38 CGPA

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.

JUNE 2015

OLD (ET) :SNEHA VERMA (Mem No 232162) - 8.42 CGPA

IETE-NATIONAL TECHNICAL PAPER CONTEST-2016 HELD AT IETE YAVATMAL CENTRE

First Prize: Ms Nikita Agarwal for the paper titled, "Comparative Study of SAR Despeckling Methods on RISAT-I" from Indian Institute of Information Technology, Allahabad.

Second Prize: Sukhada V. Dharmadhikari and **Mayuri Bhagat** for their paper titled, "Zigbee Technology and its Application in Automatic Water Tank Controlling System for Sparse Tanks", from Jawaharlal Darda Institute of Technology, Lohara, Yavatmal.

Third Prize: Ashwini B.Mali & **Ashwini R.Patil** for their paper titled, "Biometric Fusion controlled Embedded System for Door", from Mauli Group of Institute-College of Engineering & Technology, Shegaon.

IETE BEST PAPER AWARDS FOR ARTICLES PUBLISHED IN IETE JOURNALS DURING THE YEAR 2015

Awards	Awardee(s)
IETE SK Mitra Memorial Award	**On the Adaptive Sum-Capacity of Distributed Multiple Access with Individual CSI** by Krishnamoorthy Iyer, Sibi Raj B Pillai and Bikash K Dey published in **IETE JoR Nov-Dec 2015 issue**
IETE J C Bose Memorial Award	**Reversible Binary to Grey and Grey to Binary Code Converter using QCA** by Jadav Chandra Das and Debashis De published in **IETE JoR May-Jun 2015 issue.**
IETE M N Saha Memorial Award	**State Transition Based Embedding in Cepstrum Domain for Audio Copyright Protection** by Sunita V Dhavale, R S Deodhar, Debasish Pradhan and L M Patnaik published in **IETE JoR Jan-Feb 2015 issue**
IETE K S Krishnan Memorial Award	**Resource Efficient FPGA Implementation of Adaptive Image Enhancement Algorithms** by Hitendra Gupta, Kamalesh Kumar Sharma and Shiv Dutt Joshi published in **IETE JoR,Jul-Aug2015 issue**
IETE CDIL Award for Industry	**No recipient in the award this year.**
IETE Gowri Memorial Award	**Objective and Optical Evaluation of Despeckle Filters in Breast Ultrasound Images** by Bikesh Kumar Singh, Kesari Verma and A S Thoke published **in IETE TR, Sep-Oct 2015 issue**
TWO Students' Journal Award	**An Alternative Method for PM Signal Generation and Detection** by P Hari Krishna Prasad and L Anjaneyulu published in **IETE JE, Jan-Jun 2015 issue**
	Smith Chart-Based Design of a Dual Band Real Impedance Matching Network by Gowrish B, Rahul Kumar and Ananjan Basu published in **IETE JE, Jul-Dec 2015 issue**

News from Centres

IETE Centres/Sub-Centres organized various events during the past four months. The 48th World Telecommunication & Information Society Day (WTISD) on **"ICT Entrepreneurship for Social Impact"** was one such event covered mostly by our Centres apart from its recurring and sporadic events.

AHMEDABAD

◆ A short term course on "**Computer Internet & Smartphone Awareness**" was conducted during 25th Apr to 4th May 2016 to increase the awareness about computer and smart phone applications amongst young & old, coordinated by Shri Krutik Shah. The participants were awarded certificates by the Centre Chairman, **Dr Kishor G Maradia** during valedictory function that was held on 14th May 2016.

◆ The **48th World Telecom & Information Society Day** on "ICT Entrepreneurship for Social Impact" was celebrated on 17th May 2016. It was sponsored by CSI Ahmedabad Chapter and hosted by IE(I) Ahmedabad Chapter. The event was attended by more than 160 members, professionals, academicians and students from various organizations/associations. **Dr Manish Doshi,** Chairman, Technician Chapter & Member ET, IE (I), delivered the welcome address. **Dr Jayesh Solanki**, Chairman CSI, Ahmedabad Chapter and **Dr Kishor G Maradia** Centre Chairman, briefed about their organization's activities and technical contributions to the professional fraternities and students. **Dr N P Gajjar**, Chairman IEEE ComSoc Gujarat Chapter, introduced the supporting organizations. The theme

48th WTISD-2016 celebrated at IETE Ahmedabad Centre

Speaker **Dr Sunil Shukla,** Dir, Entrepreneurship Development Institute, in his talk highlighted four-A's-Awareness, Accessibility, Availability and Affordability, which according to him were important for stronger impact. He also expressed his concern for online education, which still had no policy/rules regulations defined by Govt of India. **Shri D S Kushwaha**, Chairman BES, Ahmedabad chapter, introduced the keynote speaker **Dr Neetaben Shah**, Ex-MD Gujarat Informatics Ltd., Dir, Swaminarayan Vidyamandir, BAPS School for Girls, Randesan Gandhinagar. She represented a case study of Societal Application of ICT and shared her experience about the growth of ICT and its penetration in the Govt schemes to improve the citizen's user perspective. Motivating the students, she mentioned about the smart city project-Digital India movement, where students/professionals can show innovations to contribute in the growth of town/city/district/state/country. Dr Nilesh Modi, Chairman ACM Ahmedabad chapter, proposed vote of thanks.

◆ A workshop on **"Effective Use of Social Media & Tools"** was organised for Jila Panchayat and Taluka Panchayat Officers & Staff during 7th-8th & 14th-15th Jun 2016. About 50 District Panchayat and 70 Taluka Panchayat officers & employees attended the event. **Dr K G Maradia, Dr Bhargviben Dave**, DDO, Ahemedabad, also graced the event. **Prof Sanja Sampat, Prof Mehul C Parikh** and **Prof Harshal Sutaria** conducted various sessions.

◆ A short term course on **"Computer Network Configuration"** was conducted during 11th-13th Jun 2016 by **Prof Minesh Thaker** & **Prof Hardik Prajapati**, Indus University, Ahmedabad. Participants were given certificates at the end of the course.

ALLAHABAD

◆ The Centre organized **48th WTISD-2016** on 17th May 2016 on "**ICT Entrepreneurship for Social Impact"** with a panel discussion comprising **Dr G S Darbari**, **Prof G S Prakash, Prof Nar Singh, Dr R S Yadav** and **Dr Rajneesh Kumar Srivastava** as panelists. **Prof K K Bhutani**, DF-IETE, was the chief guest for the occasion.

BANGALORE

◆ The Centre celebrated the **National Science Day** & **20th Sir CV Raman Memorial Day** on 28th Feb 2016 by arranging a lecture by **Prof Rohini M Godbole**, FASc, FNA, FNASc, FTWAS, JC Bose Fellow, D Litt (SNDTWU), Centre for High Energy Physics, IISc Bangalore, on "**State of Particle Physics: After The Physics Nobel Prizes of 2013 and 2015**". **Dr D C Pande**, Centre Chairman presided the function.

Dr M H Kori addressing the audience during Sir C V Raman Memorial Day function

◆ A two-day workshop on **Matlab** by **Sri Madhusudhan Rao** was conducted on 10th -11th Mar 2016 at RLJIT, Dodaballapur.

◆ A one- day workshop on **Overview of Control Systems** by **Prof S N Iyer** was organized on 20th Mar 2016.

◆ **Prof V Mahadevan,** Vice Chairman of the Centre, delivered a talk on "**Antenna for Satellite"** at KNSIT Bangalore, on 24th Mar 2016.

◆ The Centre & MVJ College of Engineering, Banagalore, organized 4th National Conference on Design Innovation for 3Cs **"Compute–Communicate-Control" (NCD13C-2016)** on 21st Apr 2016**. Dr D C Pande**, Centre Chairman was the Chief Guest and **Shri Rajkiran C**, Head, Global Telecom Networks Business for Oracle in Asia Pacific & the Americas, was the guest of honour and he delivered a technical talk on **Internet of Things** (IoTs).

◆ The Centre and R L Jalappa Institute of Technology, Bangalore, organized a one-day National Conference on **Emerging Trend in Electronics & Telecommunication Technology (NCETC-2016)** on 22nd Apr 2016. **Prof C Murali**, Governing Council Member, and **Prof H S Bhatia**, Immdt Past Hony Secretary & EC Member, were present in the function.

◆ Global Academy of Technology, Bangalore & IETE Bangalore Centre organized a one-day National Conference on **"Recent Trends in Electronics and Communication-2016"** on 5th May 2016.

◆ **48th WTISD-2016** & Valedictory Function of **37th Summer School in Electronics** and **2nd Mathematical Foundation Course,** was organized on 17th May 2016. A project exhibition was organized by SUSIE-students. Message from Secretary General ITU was read out by Hony Secretary. **Shri Rajkiran C**, Head, Global Telecom Networks Business for Oracle in Asia Pacific and the Americas (Oracle & SUN Microsystems, Bangalore) was the Chief Guest and he spoke on **"ICT Entrepreneurship for Social Impact"** followed by **Memorial Lecture of Prof SVC Aiya.**

◆ The Centre organized **Prof N S Nagaraja Memorial Lecture** by **Dr S V Sharma**, Dy Dir, ISRO Satellite Centre on the topic **"Make in India-enabling Space Craft System realization through Industries and Role of Professional Institutions"** on 26th Jun 2016. Through his talk he established the fact that industries and professional institutes have been the back bone of space technology advances in our country. He gave examples of their contributions in successful ISRO space mission.

◆ A **Continuing Education Programme (CEP)** on Modern Radar Systems for BEL Executives was conducted during 25th – 30th Jul 2016, which was attended by executives from M/s Bharat Electronics Ltd, Bangalore & Air Force officers from TATTRA School Air Force Station, Tughlakabad. **Shri S S Nagraj**, Dir, LRDE, inaugurated the course on 23rd Jul 2016 and delivered a keynote address on **Evolution of Radar Systems** while **Dr D C Pande**, Immdt Past Centre Chairman, Course Dir, talked about the dynamics of the specifically designed Radar Course. Most of the resource persons were senior scientists from LRDE. All the sessions were interactive and the speakers shared their practical experiences giving working tips to resolve the engineering challenges in the field of Radar System Technology. The course concluded with the valedictory address by **Dr AT Kalghatgi**, Dir (R&D) BEL Bangalore. **Shri NP Ramasubba Rao**, Former Dir, LRDE, graced the event with his presence and motivated the participants. **Shri G Ramesh**, Centre Chairman presided over the function and **Smt Smriti Dagur,** President IETE was also present during the event and addressed the participants on 27th Jul 2016 .

CHANDIGARH

◆ A National Conference on "**Latest Initiatives & Innovations in Communication and Electronics (iice2016)**" was jointly organized by the Centre and the Chandigarh University, Gharuan, Mohali (Punjab) on 29th Apr 2016**.**

Dignitaries on the dais during the National Conference

◆ The **48th World Telecommunication & Information Society Day** on "ICT Entrepreneurship for Social Impact" was celebrated on 17th May 2016. **Shri S K Angra**, Centre Chairman, welcoming the audience briefed on the background of the day. **Dr R K Sinha**, Director, CSIR-CSIO, Guest of

Dr R K Sinha, Director, CSIR-CSIO, addressing the audience during World-Telecom Information Society Day

Honour, spoke at length on the theme topic. Dr Neelesh Kumar, Hony Secretary of the Centre read out the message received from **Houlin Zhao**, Secretary General, ITU and UN Secretary-General, **Ban Ki-moon**. **Dr Sanjay P Sood,** Head, Health & Informatics, C-DAT, Mohali, talked on the theme and emphasized on how ICTs are playing major role in present day scenario. About 85 senior IETE members, scientists from CSIR-CSIO, students from ISF CSIR-ISTC & IETE, participated in the event. The vote of thanks was proposed by **Dr PK Awasthi**, Hony Treasurer of the Centre.

CHENNAI

◆ Celebrating the **WTISD-2016** on 17th May 2016, **Sri S Ramaswamy**, Centre Chairman, highlighted the significance of the celebration, history & the development of World Telecommunication Union through his address. **Col (Retd) K S Chakravarthi**, Immdt Past Chairman of the Centre in his theme address called the entrepreneurial motivation as one of the most important factors that accelerate the pace of economic development by bringing the people to undertake risk bearing activities. He said, "An entrepreneur is a critical factor in economic development and an integral part of the socio-economic transformation. In many of the developing countries a lot of attention is being paid to the development of entrepreneurship because it is not the proprietary quality of any caste or community". He further added that the young entrepreneurs should be motivated to come out with determination to do something of their own and also to contribute

Joint celebration of World Telecommunicaion and Information Society Day by sister societies

to the national income, wealth and economy. If the country wants to achieve the growth at the grass root level, through social justice and the elimination of poverty, it will have to provide institutional support and structural changes in organization of financial institutions and not meaningless freebies to the people, which will kill the spirit of entrepreneurship. Industrial development in any region is the outcome of purposeful human activity and entrepreneurial thrust and that alone will promote entrepreneurship development and will usher in social justice. For that the Governments should focus on encouraging young entrepreneurs to adopt innovative approach for start ups, help in acquiring latest technologies at affordable cost and thrust on quality of products and services in order become sustainable and globally competitive."

The role of ICT was also well explained to the audience by Guest of Honour, **Sri G Narendra** Head, Research Publications, ICT Academy of Tamil Nadu, Chennai. The Chief Guest, **Dr P Sivakumar**, Dist Scientist, Dir, CVRDE, Min of Defence, GoI, Chennai, delivered the keynote address explaining the role of ICT in the R&D of combat vehicles for the defence forces. Felicitation addresses were given by **Dr M A Atmanand**, Chairman, IEEE Madras Section; **Shri K P Ramanathan**, Chairman, IE, Tamilnadu State Centre; **Shri J Balamurugan**, EC Member, IET Chennai Network; **Dr B Srinivasan**, Chairman, CSI Chennai Chapter & **Shri N Thiagarajan**, Council Member, BES (I).

◆ The Centre organized a special ExecCom meeting on 24th July 2016 on sunday, for the President IETE **Smt Smriti Dagur,** who visited the Centre and interacted with the new office bearers.

ERODE

The Centre celebrated **48th World Telecommunication & Information Society Day** on 17th May 2016 at Nandha

Engineering College, Perundurai. **Dr S Arumugam**, Centre Chairman, delivered the presidential address and read out the ITU message meant for the day. **Dr C N Marimuthu**, FIETE and **Shri R Murugasami**, Member of the Centre and S**hri K S Venkatasubramanian,** GM Telecom, BSNL, Erode, were the other speakers in the event.

Standing : (L to R) Dr C N Marimuthu, Dr S Arumugam, Chairman, IETE Erode Centre & Shri K S Venkatasubramanian, GM Telecom BSNL, Erode.

GOA

WTISD-2016 was celebrated jointly by the IETE Goa Sub-Centre and AIR & Doordarshan, Goa, on 17th May 2016 with an objective to increase awareness about the positives of communication technology among public. **Dr Hassan Ali Virani**, HoD, Dept of Electronics, Goa College of Engineering, talked about the Digital India. The video message of Houlin Zhao, ITU Secretary General for WTISD 2016 was displayed. **Shri Pranav Pai Vernekar**, CEO, Inventrom Goa, the chief guest, addressed the gathering on the Internet of Things (IoTs). He is the founder of Inventrom, an Internet of Things startup and inventors of the award winning Bolt IoT Platform (Formally NetPlug). He has been a strategic IoT consultants for enterprise clients like IBM, Intel, CISCO, BOSCH, TCS etc. **Shri CK Omprakash,** DDG(E), HPT, AIR Bambolim, in his address emphasized the need to embrace advancements in technology for better humanity and talked about the need of interdisciplinary approach for sustainable development of technology in the coming years. **Shri S K Patel**, DD(E), Doordarshan Kendra, Panaji, talked about various emerging technologies. **Shri S C Bansal**, Vice Chairman of the IETE Goa Sub-Centre also graced the event. About 30 delegates participated in the event. Vote of thanks was proposed by Shri VG Khedekar, AE, AIR Panaji. Shri CP Harikumar, Hony Treasurer, co-ordinated the events with members of AIR & DD Goa.

The Chief Guest Shri Pranav Pai Vernekar, CEO, Inventrom, Goa, making a point

HYDERABAD

◆ The Centre jointly with CTMS, BES(I), IE(I) and VNRVJIET, celebrated **48th World Telecommunication and Information Society Day** (WTISD-2016) on "ICT Entrepreneurship for Social Impact" on 17th May 2016 at FTAPCCI Auditorium, Hyderabad. **Dr K Jaya Sankar**, Centre Chairman, presided over the function. The welcome address was delivered by Er N Namassivaya, Hony Secretary of the Centre while the message from ITU Secretary General was read by **Dr V Gunasekhar Reddy**, Vice-President, IETE. **Prof Sunaina Singh**, Vice Chancellor, The English & Foreign Languages University, Hyderabad, was the Chief Guest. She delivered **Dr T H Chowdary- 12th Endowment Lecture** on the occasion. **Dr I Satyanarayana Raju**, Chairman, IE(I); **Shri MBS Purushottam**, Chairman BES, **Dr B N Rao**, President, Vignana Jyoti Society, Hyderabad, graced the occasion, which was attended by around 150 other participants. **Dr Chowdary**, – CTMS, former IT Advisor, Govt. of AP & Past President IETE, in the role of moderator, conducted a panel discussion. The topics of discussions were "ICTs – Crime, Terrorism and Security–Global Dimension" by **Sri Ram Mohan,** IPS, Addl SP Cyber Crimes CID, Govt of Telangana; "ICTs–E-Governance

The Chief Guest and other dignitaries felicitating Dr T H Chowdary, Past President IETE during the occasion

and the Citizen" by **Shri G T Venkateswara Rao**, IRS, Spl Commissioner, e-governance, Govt of Telangana; "ICT (based) Enterprises for Social Impact" by **Prof Nirmala Apsangikar**, Prof & Area Chairperson, Information Technology Area, Administrative Staff College of India and "ICTs – Education & Culture" **Dr D N Rao**, President, Vignana Jyoti Society, Hyderabad. The Chief Guest and other dignitaries felicitated Dr T H Chowdary, while all the panelists were honoured with a memento. Dr G Laxminarayana, Hony Treasurer IETE, proposed vote of thanks.

◆ The Centre organized the **ISF Zonal Congress (South)** and **Zonal Seminar** (South Zone) on 11th Jun 2016- an event inaugurated by President IETE, **Smt Smriti Dagur**. The Centre Chairman **Prof K Jaya Sankar** presided over the function. **Prof C Murali**, Coordinator South Zone IETE; **Prof V Gunasekhar Reddy**, Vice-President, IETE; Er N Namassivaya, Hony Secretary and Prof (Dr) G Laxminarayana, Hony Treasurer of the Centre, graced the function. The inaugural session was followed by a talk on "**Wireless Connectivity in the Internet of Things"** by **Shri N Venkatesh**, Sr Vice President, Advanced Technologies, Redpine Signals, Hyderabad. On 12th Jun 2016, three guest lectures, as part of Zonal Seminar, were organized namely, "IoT: an Overview" by **Prof C Murali**, Zonal Coordinator–South; "IoT-A Pragmatic Approach: Evolution, Implementations & Protocols" by **Prof C R Sarma**, Vice Chairman, IETE Hyderabad, and "IoT-Smart LED Lighting" by **Shri K Vijay Kumar Gupta**, CMD, Kwality, Photonics & LEDCHIP Indus Pvt. Ltd. The vote of thanks was proposed by Prof (Dr) G Laxminarayana.

The session in progress

JAIPUR

Dr Rajesh Kumar, Hony Secretary and **Shri Dinesh Yadav**, Hony Treasurer of the Centre, visited and delivered talks on the benefits of being a member of IETE to the faculty members and students of various engineering college in Jaipur region in an organised function.

KANPUR

The Centre, IEEE UP Section and IE(I) Kanpur Centre, jointly celebrated **48th World Telecommunication and Information Society Day** (WTISD-2016) on "**ICT Entrepreneurship for Social Impact"** on 17th May 2016 at IIT, Kanpur. **Prof Vinay Kumar Pathak**, VC, Dr A P J Abdul Kalam Technical University, Lucknow, graced the event as the Chief Guest. **Prof T V Prabhakar**, Dept CSE, IIT Kanpur and **Shri Venkataraman Balaji**, Dir, Technology and Knowledge Management the Commonwealth of Learning, Canada, were the keynote speakers. The welcome address was given by Er US Yadav, the Centre Chairman. About 110 members of the Centre, IEEE & IE (I) attended the programme. Dr Narendra Kohli, Chairman, IE(I), Kanpur Centre read the message from ITU. **Prof TV Prabhakar** delivered an informative lecture on **"ICT Entrepreneurship for Social Impact**" & **Shri Venkataraman Balaji** delivered a lecture on **"Learning Engineering".** The Chief Guest also expressed his views on the theme topic. The mementos were presented to the Chief Guest & the speakers by the senior members of the Centre, IEEE UP Section and IE(I) Kanpur Centre. The programme ended with vote of thanks.

WTISD-2016 on "ICT Entrepreneurship for Social Impact" celebrated jointly at Kanpur

MHOW

This Sub-Centre also celebrated **48th World Telecommunication & Information Society Day** on "ICT Entrepreneurship for Social Impact" on 7th May 2016. On this occasion a technical quiz competition for the students of JE (NE) courses was conducted in three rounds. First round had three sessions related to questions on Communication, Computer and Corps related matters. Second round was a mixed bag round and third was rapid fire round. 5 teams of 2 students each, participated in the competition. **L/Nk Bikram Sharma** & **L/Nk S C Shukla** of JE (NE) 146 course won first prize and two teams were declared as 1st& 2nd runner ups. All participants were felicitated with certificates and the winner teams were given cash prizes. The forum was greeted by Assoc Prof (Dr) Seema Keshariya, Hony Secretary of the Centre MCTE Mhow, and the organizer of the quiz. The quiz was conducted by Maj Tejas Vakadia, FCE, MCTE, Mhow. The participants were also

Celebrations of World Telecommunication & Information Society Day at IETE Mhow Sub Centre

The session in progress

addressed by **Maj Gen Harvijay Singh**, Offg Comdt & CI, Patron IETE Sub Centre, MCTE Mhow. The target audience included 18 permanent staff officers and 138 students of JE (NE) courses.

MUMBAI

The Centre celebrated the **WTISD-2016** on 17th May 2016 at Western Railway Head Quarter, Churchgate, Mumbai. The theme of the event for year 2016 was **"ICT Entrepreneurship for Social Impact"**. The event was jointly organized by IETE Mumbai Centre, IETE Navi Mumbai Centre, IET Mumbai Network, IRSTE Mumbai Chapter, IEEE (AES/COM) India Chapter, IEEE (COM/SOC) Bombay Chapter and BES(I) Mumbai Chapter. Shri Pradeep Sharma, Hony Secretary BES(I) Mumbai Chapter, delivered the welcome address. **Shri G S Tuteja,** Chief Signal & Telecommunication Engineer, Western Railways, explained the purpose of celebrating the event. The message from Mr Haulin Zhao, Secy Gen ITU, was presented in the form of an audio visual to the audience. The Chairperson IEEE (AES/COM) read the message of UN Secretary General Ban ki Moon, wherein the use of technology for removing poverty and women empowerment was emphasized. **Dr Sushil Thale**, Centre Chairman, introduced the Chief Guest and the key-speaker **Dr D B Phatak**, Prof- CSE Dept, IIT Bombay, who gave an interesting talk on how the web services have impacted businesses, education, health care, banking and villages. He also talked about the various schemes and websites providing information useful to the entrepreneurs and emphasized on the need of collaboration within experts from different domains and availability of affordable content. **Dr Milind Shah**, Chairman IETE Navi Mumbai Centre introduced **Shri Brijraj V**, CEO, Birds Eye Systems Pvt Ltd (Ridler), who talked about the problems of traffic & transport management system and their solutions provided by the company. He demonstrated the products developed by his company, used in Mumbai Metro and BEST buses. After the question-answer session, Shri S C Khasgiwal Chairman, BES(I), Mumbai Chapter, presented the vote of thanks.

NOIDA

A presentation on **Systematic Approach to Training** was given by **Shri R S Verma**, FIETE, on 24th Apr 2016. His presentation centered around the subject that the introduction of any new technology, any change in policy or redesigning of organization often requires people to learn new knowledge and skills. He said that people also have to unlearn redundant knowledge, skills and make consequential modification in attitude that is inappropriate to the changed working environment. The kind of changes being introduced, the precise details of the knowledge and skills that need to be learnt to cope with changes and the time needed for learning, are the factors required for consideration when dealing with such changes. It is also important to take into consideration the consequence of failing to learn the same. The speaker said that learning and training are the two aspects concerning with the changed scenario. Learning is to 'Get knowledge or skill or ability to do– by study, experience or being taught' and become aware of information or from observation. Training is a planned process to modify attitude, knowledge or skill, behavior through learning experience to achieve performance in an activity or range of activities. Its purpose in the work situation is to develop the ability of the individual and to satisfy current and future manpower needs of the organization. Training requires a clearly defined outcome and the trainee is given an opportunity to practice under guidance and supervision. As such, a systematic approach to training should be adopted to achieve the goal. The speaker also described the benefits and steps for systematic approach to training through his presentation.

PALAKKAD

World Telecom and Information Society Day 2016 was celebrated jointly by the Centre and IE (I), Palakkad Centre on 17th May 2016. **Prof C Pradip**, Centre Chairman, presided over the function and introduced the chief guest to the audience. Dr N C Balakrishnan, Chairman (Ag), IE (I), welcomed the audience. Prof Pradip read the message of ITU Secretary General. **Shri A L Viswanathan**, Dy Gen Manager (Urban) BSNL, Palakkad, delivered the keynote address on "**ICT Entrepreneurship for Social Impact".** He explained the recent trends of expansion in communication field. Shri A Kesavan, Hony Secretary, IE(I) delivered the vote of thanks.

PUNE

◆ **Dr K R Phadake Memorial Award** was organized at Anantrao Pawar College of Engineering & Research, Parvati, Pune on 30th Apr 2016. **Prof (Dr) S R Jog,** Immdt Past Centre Chairman, in his address informed about contribution of late Dr K R Phadake to IETE. **Prof S K Khedkar**, Centre Chairman introduced and felicitated **Dr S B Thakare**, the Chief Guest. Dr S R Jog introduced the awardee, **Shri Atul Joshi**, President, Indus Aviation Systems LLP, Pune, who gave a talk on "**Latest Trends in Electronics Industry and opportunities under Make in India initiative."** In his speech he informed the students about various job opportunities available and encouraged them to start their career in hard core electronics. He also informed about Government of India's various initiatives in electronic industries to set up electronic manufacturing units. Information on satellite communication and new techniques in aviation, which was well received by the audience. The awards were given to winners of Inter Collegiate project competition at the hands of Shri Joshi. Shri K R Shende proposed the vote of thanks.

◆ **48th World Telecommunication & Information Society Day** was celebrated under the auspices of IETE Pune Centre, IE(I) Pune, IEEE Pune Section and IET Pune chapter, jointly on 17th May 2016. The Chief Guest, **Shri Vivek Tuljapurkar**, Vice President, Product Management, Quick Heal, in his address said that the technology, market and government via regulations are the three major forces that shape the innovation in telecom industry. There being no dearth of brainpower in India, social impact will be the outcome of creation of new technology that can provide jobs and can uplift people through dissemination of knowledge. Combining innovation with entrepreneurship will definitely usher in the era of achche din in the country. **Shri Kiran Deshpande,** Founder Mojo Network & President, TiE Pune, the Guest of Honour, said that the information technology coupled with telecommunications has metamorphosed the world into a knowledge society. Data network have replaced custom hardware, which is merely one application of data. Generic hardware and custom software is the order of the day. Key parameters for evaluating the telecom networks consist of coverage versus cost, spectral efficiency vis-à-vis band width (data rate), simultaneous connections - explosion due to IoT, and storage and retrieval of electrical energy. Much of the effort these days has been on Software defined networks, network function realisation, 5G, IoT, Addhoc networks, etc. **Prof (Dr) GS Mundada** was the convener. After the welcome address by **Prof S K Khedkar,** Centre Chairman & the felicitation ceremony, the representatives of IE (I), IEE, IETE and IET spoke about their respective organizations. The programme was well attended. Vote of thanks was proposed by IE (I) Secretary, **Shri Vasant Shinde**.

Dignitaries on dais and winners of the project competition off the dais

◆ Conferment of **Prof SVC Aiya Memorial Award-2015** for excellence in Telecom Education was organised under the aegis of IETE Pune Centre, in association with Prof SVC Aiya Memorial Trust, Pune on 28th May 2016 at Global Hall, Pune Centre. **Dr J K Kishore**, Scientist/Engineer, 'SG', IRS & SSS Programme, ISRO Satellite Centre, Bangalore, the recipient of

Dignitaries during Prof SVC Aiya Memorial Award function, Pune

the award, expressed his views on "**Spacecraft Technology and Applications**" and took the audience on a journey to the world of satellites and ISRO. **Dr S Pal**, Vice-Chancellor, DIAT Deemed University, Pune and the Immdt Past President IETE, graced the function as the Chief Guest and in his address he said that India has come of age in the field of space research. India has Indigenous Cryogenic engine and stage, rockets, satellites and the fact that other countries are looking to India for help in these area, shows that our technology is mature. He concurred with Dr Kishore that the experience and knowledge of retired scientists/engineers/educators should be tapped properly to maintain continuity in research.

◆ The **National Journal of Innovation & Research**, Volume III, Issue I, Jun 2015 was inaugurated on 3rd Jun 2016. **Dr S R Jog**, Chairman, IETE- NJIR, **Prof S K Khedkar**, Centre Chairman, **Shri K R Shende**, Centre Hony Secretary, **Dr Yogesh Dandawate** & **Shri Sagar Vanarase**, Editorial Team members, were present on the occasion. Dr Jog in his address briefed about the motive behind publishing of the Journal and the previously published issues. He expressed the team's desire of getting this journal online. **Dr Y H Dandawate**, **Dr Deepali Sale**, the reviewers were felicitated. Prof Khedkar motivated the participants to write research articles for the journal.

RAJKOT

The Centre celebrated the **48th World Telecommunication & Information Society Day** jointly with the Centre & the IE (I) Saurashtra local Centre, Rajkot, on 17th May 2016. The Chief Guest **Er Anil Bhardwaj**, Dir (Engg) DDK–Rajkot & DDMC Saurashtra region, graced the function with his presence. In his address **Er C M Devani**, Centre Chairman, gave a brief background on the history of the day. **Dr Atul Gonsai**, Hony Treasure & convener of the programme along with introducing the theme, read out the message given by ITU Secretary General. The keynote speech was delivered by **Shri Yagnesh Tatamiya**, Owner eHeuristic Solutions, Rajkot, who emphasized on the correlation of ICT entrepreneurship with social impact. The chief guest also expressed his views on the theme and so did other speakers. The vote of thanks was proposed by **Er H U Kalyani**, Past Chairman, IE (I).

IETE Rajkot Centre observing 48th WTISD 2016

VADODARA

The Centre with IE, Vadodara, celebrated the **48th WTISD-2016** on 17th May 2016. The welcome address was delivered by **Shri Naresh Kumar Garg**, Centre Chairman, who also read out the message from Secy Gen ITU on "ICT Entrepreneurship for Social Impact". **Dr Vijay Shah**, Hony Treasurer and Convener TPC, highlighted the significance of the role of ICT in modern society, through illustrations from day to day life that helps in bridging digital divide. The 1st speaker, **Shri Dipak Shah**, Chairman CSI, Vadodara & CEO Roshani Computer Services, Vadodara, shared his experiences on his successful entrepreneurship and stated how plethora of opportunities are getting unfolded through use of ICTs. **Prof Yash Chawla**, R K University, Rajkot, talked about different social media platforms and how these could be effectively used to facilitate personal and professional growth. His tips on the do's and don'ts while using social media, aroused a lot of interest and lead to interaction among audience. In the presidential address **Shri Ramakant Sharma**, Senior GM, BSNL Vadodara, highlighted the growth of communication technologies and the opportunities of telecom service providers in their offers to meet the communication needs through ICTs. Last session of the event was a surprise quiz, conducted by Shri Nayan Shah, EC Member of the Centre. The session ended with vote of thanks by Dr Mamta Padole. Other eminent guests included: Prof S M Joshi, former Pro-VC, MS University, Vadodara; Dr R C Desai- Centre's Past Chairman; Shri P V Khubalkar, Chairman, ISTD, Vadodara; Shri N M Bhatt, IE Vadodara; Shri G V Kumar, ONGC, Vadodara; Prof Haresh

IETE Vadodara Centre commemorating 48th WTISD 2016

Suthar, Parul Univ, Vadodara and Shri K P Gupta (R), BSNL Vadodara.

VIJAYAWADA

The Centre observed the **48th World Telecommunication and Information Society Day** on 17th May 2016 in association with the IE(I), local Centre under the chairmanship of **Dr G N Swamy. Prof SRK Paramahamsa,** Jt Secretary (Admn), Vasireddy Venkatadri Institute of Technology, Namburu, Guntur Dist (AP) was the Chief Guest, who outlined the importance of "ICT's Entrepreneurship for Social Impact". **Er G V Srinivasulu**, Hony Secretary and **Er M R S Prakasa Rao,** Past Chairman, from IE (I), were also present on the dias. **Dr K Ramanjaneyulu,** Hony Secretary, of IETE Centre read out the message received from the ITU Secretary General. A large number of members, students of the Centre and the IE(I) attended the event.

The chief guest being felicitated on the occasion, Vijayawada

VISAKHAPATNAM

The centre observed the **48th World Telecommunication & Information Society Day** on 21st May 2016. The event was graced by **Dr C D Malleswar**, Dir, NSTL and the Centre Chairman, as the Chief Guest. In his opening remarks the chief guest explained the role of ICTs in the development of society. The other notable personalities present during the event were: **Prof K Raja Rajeswari**, Governing Council Member and **Dr Devendra Chandra Pande**, OS (Retd), LRDE Bangalore, as an invited speaker. Prof Raja Rajeswari briefed the gathering on the history of Telecommunications Day. Dr D C Pande spoke on the theme topic **"ICT Entrepreneurship for Social Impact**". The role of ICTs and its social impact was explained with numerous examples and he stressed on the need to have advanced ICT methods and technologies. The event ended with felicitation of the invited speaker followed by vote of thanks.

Felicitation to the Invited Speaker, Dr D C Pande by IETE Visakhapatnam Centre

Workshop on "5G Internet of Things" jointly with 25th GISFI Standardization Series Meeting (GSSM)

The three-day workshop on "**5G Internet of Things**", jointly with **25th series of Global ICT Forum for India (GISFI) meeting** was organized and hosted by **Amrita School of Engineering, Amrita Vishwa Vidyapeetham, Bengaluru campus** from **21-23 July, 2016.** Well-planned technical paper sessions, plenary talks by experts and platform to establish collaborative research links had been the salient features of this event. The workshop was jointly organized by IEEE ComSoc Bangalore Chapter and Amrita School of Engineering ComSoc Chapter. The dignitaries present were **Professor Ramjee Prasad**, the founder and chairman of the Global ICT Standardization Forum for India (GISFI); **Smt Smriti Dagur**, President IETE; **Ms Tulika Pandey**, Scientist 'F', DeitY; **Dr Rakesh S G**, Associate Dean; Director, **Dr Dhanraj Swamy**; **Dr Shikha Tripathi**, Chairperson/ECE. **Dr Navin Kumar** was the workshop chair and coordinator for the **Workshop on '5G Internet of Things'.**

ISF Activities

The technical events reported by IETE Students Forums (ISFs) during past months are as follows. The response from ISFs has been overwhelming and we have tried to cover all the events in short. In case any news has been missed out, due to inadvertent overlook, it shall be covered in the next issue, if brought to notice.

♦ **ISF** at **Dayananda Sagar Engineering College, Bangalore,** was inaugurated by Dr D C Pande, Chairman of the IETE Bangalore Centre on **Feb 24, 2016**. Dr M H Kori, Governing Council, IETE delivered a technical talk on IoT. Prof C Murali, Governing Council Member, also addressed the audience.

♦ A talk on Signals and Systems was delivered by Prof H S Bhatia for the benefits of teaching staff and student community at **SCT Institute of Technology (SCTIT), Bangalore** on **Feb 26, 2016**.

♦ The Intra Dept Symposium was organized by the Dept of ECE, of **ISF SSM Institute of Engineering and Technology, Dindigul,** on **Mar 15, 2016**. The technical and non-technical events were conducted, viz. paper presentation, project expo, poster presentation, multimedia presentation, technical quiz, circuit design, Art from waste etc. Shri P S Veluswamy, Chairman & Mg trustee, visited the project expo and motivated the students to develop their technical skills. Dr R Chandran, Campus Director, also motivated the students. Dr A Gopi Saminathan, HoD/ECE, Dr R Palanichamy, Principal, Shri M Manikadan, AP/ECE-ISF Coordinator were also present.

♦ A two-day workshop on Arduino Prototyping was organized by the ECE Dept, of **ISF CVR College of Engineering, Hyderabad** on **Mar 15-16, 2016**. A total of 70 students participants were given demonstrations and hands on session with sample projects.

♦ **ISF** at **Adhiyamaan College of Engineering, Hosur, (TN)** organized a National Conference on "Emerging Trends in Information, Communication, VLSI design and Embedded Systems"during **Mar 16-17, 2016**. It was inaugurated by Dr D C Pande, Assoc Dir (Retd), Chairman IETE Bangalore Centre, as the Chief Guest; Prof C Murali, Zonal Coordinator – South zone, IETE, the Guest of Honour (also the keynote speaker); Dr G Ranganath, Principal and Dr T Menakadevi, Coordinator-ISF. The ISF also conducted technical and non-technical events like Quiz competition, Essay writing (Tamil and English), movie making, and poetry writing (Tamil and English) competitions. Dr G Ranganath, Principal and Dr T Menakadevi, Coordinator-ISF distributed the certificates to the winners.

♦ Dept of EC, of **ISF Ganadipathy Tulsi's Jain Engineering College, Vellore (TN),** installed new office bearers for the academic year 2016-17 on **Mar 19, 2016**. Principal, Dr R Varatharajan, Prof A Manimegalai, HoD, addressed the gathering & introduced the new office bearers. The importance and benefits of ISF was presented, new membership cards were issued. A one-day Guest Lecture was organized on "VLSI Design" on **Apr 2, 2016**. Prof K Jagannadha Naidu, AP (Sr), VLSI Division, SENSE, VIT University, Vellore was the invited chief guest. A detailed lecture was delivered by him on CMOS, MOSFET Design, Advancement of VLSI Technology etc. About 96 IETE Student members participated and interacted with the speaker on topics of VLSI design. Finally IETE Coordinator Shri C Kumar, AP/ECE, proposed vote of thanks.

♦ Dept of ECE, of **ISF K L University, Vaddeswaram Guntur Distt (AP),** organized a Technical Quiz competition on **Mar 24, 2016**. Around 60 students and 8 volunteers participated from BTech and MTech (ECE) Dept. Dr K S N Murthy, ISF Coordinator; Dr M S G Prasad, Alternate HoD/Dept of ECE, were also present. The winner teams (I, II and III) were given cash prizes worth of Rs2500, Rs2000 and Rs1500 respectively. Likewise a Technical Paper presentation competition was organized on **Jul 21, 2016** with the participation of 30 teams supported by Dr B Leela Prakash, alternate HoD/ECE. The four winner teams in (I, II, III and consolation prize postion) were rewarded with cash prizes of Rs.3000, Rs.2500 Rs.2000 and 1500 respectively.

♦ **ISF** at **KMEA Engineering College, Edathala, Aluva,** in association with IEEE and IETE Kochi Centre, organized a two-day Intercollegiate Technical Meet on **Mar 29-30, 2016.** The function was inaugurated by Ms Mini Ulanat, Chairperson, IEEE Kochi Sub-section and IEEE Computer Society Kerala Section and presided over by the College Director, Dr Amar Nishad TM. Prof Manju Bhaskar, IETE EC Member and Prof Ansiya Eshack, IEEE Vice-Students Activities Chair, also addressed the audience. The meet was focused on Micro-controllers and a competition on innovative ideas and a project presentation was held. The level of creativity, innovativeness and real life problem solution were the judging factors for winning the competition.

♦ **ISF** at **East West Institute of Technology, Bangalore**, was inaugurated by Prof H S Bhatia on **Apr 2, 2016**.

♦ A one-day seminar on **"**HAM Radio**"** was organized at **ISF** of **KIT-Kalaignar Karunanidhi Institute of Technology, Coimbatore** on **Apr 7, 2016,** graced by the Chief Guests - Shri S Vijayan, Southern Regional Co-Ordinator, NIAR, Hyderabad and OM R Karthikeyan**,** Joint Secy, KCT HAM Radio Club. Dr P Anbalagan, Dir, KIT, delivered the welcome address. Dr N Mohan Das Gandhi, Principal; Shri V Soundarraj AP/ECE and Shri S Tamil Selvan, AP/ECE Association Co-ordinators, presided over the function. About 210 students benefitted from this seminar.

♦ The ISF at Dept of ECE of **Graphic Era Hill University (GEHU), Dehradun,** was formally inaugurated on **Apr 11, 2016** by Dr RS Pundir, Dir, DEAL, Dehradun. Prof (Dr) RC Joshi, Chancellor, GEHU, Dehradun; Prof (Dr) Sanjay Jasola, VC, GEHU, Dehradun; Shri D P Thapliyal, Registrar, GEHU; Shri Ashok Kalra, DEAL, Dehradun; Dr R Gowri, Dean Engg, GEHU, Dehradun; Dr VP Dubey, HoD-ECE, GEHU and Shri PK Mittal, Chairman, IETE Dehradun Centre, were the eminent guests present amongst others on the occasion. Shri Ashok Kumar Kalra, delivered a talk on "Troposphere Communication" and Shri Ajay Kumar Malik, on "EHF Communication for Military Applications". Quiz, Project Competition and Poster Paper presentation were arranged and the winners were awarded prizes.

♦ The **ISF** at Dept of ECE, **Dhanalakshmi College of Engineering (DCE), Tambaram, Chennai (TN),** was inaugurated on **Apr 18, 2016**. The function was presided over by the Principal (DCE), Dr Ramesh Babu Durai. Shri S Ramasamy, Chairman, IETE Chennai Centre, was also present as the chief guest. Dr Ramachandran, HoD/ECE and student co-ordinator, Dr K Senthamil Selvan were also present.

♦ A six-day Faculty Development Program on " Embedded System" was organized by the ECE Dept of **ISF Shaheed Udham Singh College of Engineering & Technology(SUSCET), Tangori, Mohali,** in association with IETE Chandigarh Centre on **Apr 30, 2016**. Dr S K Angra & Dr Neelesh Kumar, office bearers from IETE Chandigarh, Dr SK Bhatacharya, Director of the college participated and lauded the efforts of the college in organizing the event. Dr Sukhjeet Kaur, Dean Student Welfare, addressed the students. Faculty members were very enthusiastic to learn from the experts about recent research based on embedded system.

♦ Dept of ECE, at **ISF Nandha Engineering College(NEC), Erode**, conducted a faculty development programme on "How to Write a World Class Paper for Scientific Journal" on **May 13, 2016** in association with IETE, Erode Centre. In this regard Dr Mary Jeyanthi Prem, Dir & Res Advisor, Karka Kasadara Academy, Ambattur, Chennai, was invited to grace the event as the chief guest. Prof (Dr) C N Marimuthu, Prof, ECE & Dean (R&D); Prof S T Sadishkumar, HoD/ECE; Prof P Sukumar, ASP/ECE; Prof R Murugasami, ASP/ECE; Prof G Prabhagaran, AP/ECE; Prof T Jayachandran, AP/ECE; Prof R Murugasami, ASP/ECE and other faculties from various Engg colleges, attended the programme.

♦ A Faculty Development training program on "Demystifying Electronic System Level Design and Engineering" was conducted by the Dept of ECE of **ISF Dhirajlal Gandhi College of Technology (DGCT), Salem,** in association with ICET Pedagogy Solutions Engineering, Bangalore, during **Jun 16-18 2016** with an aim to bridge the gap between industry and academic institutions. Empowering the engineering faculty members with the recent trends and skills in engineering system level design would obviously empower the students and prepare them for great job opportunities available in the exponentially growing electronic industry. Prof K Jayaraman, Dir, ICET Pedagogy Solutions Engineering, Bangalore, was the resource person. The basic notion of this training program was to demystify the basic concepts of electronics, emerging electronic system level design methodologies and recent technologies. Presidential address was delivered by Mrs Archana Manojkumar, Secretary, DGCT. The other speaker was Dr V Muralibhaskaran, Principal, DGCT. The ISF also inaugurated the EMPEZAR Students' Association of ECE Dept, on **Jul 20, 2016,** graced by Shri G B Venkatesh, IEEE Mngr, Head- IEEE Blended Learning program in VLSI, Bangalore. In his inaugural address he highlighted the existing gap between industries and institutes and briefly discussed about the characteristics of real engineers. The other eminent speakers included: Mrs Archana Manojkumar, Secretary, DGCT; Dr M Sumathi, HoD/ECE, DGCT; Ms G Shanmugavalli, EMPEZAR Student Association Chairman, DGCT; Ms P Monica, IETE Student Association Vice-Chairman, DGCT; Shri S Boopathy, AP/ECE; Ms Gayathri Haridass, AP/ECE and Ms S Renupriya, IETE Student Association Chairman, DGCT. More than 250 students and faculty members attended the function.

♦ The 2nd International Conference on "Advanced Computing" was organized by the Dept of CS, IT and Computer Applications of **ISF Sri Sarada College, Tirunelveli, TN,** on **Jun 17, 2016,** which was for the researches, academicians and industrialists. The key note address was delivered by Shri Praveen Kumar Rajendran, Automation Developer, SME, Cognizant Technology Solutions, Chennai. It was followed by paper presentation session. About 50 delegates presented their research papers. Two best papers were selected and some good quality papers were selected for publishing in the Indian Journal of Engineering. In the second session, Smt S Malathi, Project leader, MPHASIS Private Ltd., Chennai, presented a technical talk on "Agile Methodology". A special address was delivered by Shri R BalaSubramanian, Systems Analyst, Quadrant 4 System Corporation, USA. The valedictory address was by Dr S Arumuga Perumal, Assoc Prof, Dept of CS, ST Hindu College, Nagercoil and Centre Chairperson of IETE Thiruvananthapuram.

♦ In association with IETE Pune Centre, the Dept of ETE at **ISF MAEER's MIT College of Engineering, Pune,** organized a two-week short-term training program on Recent Trends in VLSI & Embedded Systems (RTVES-2016**)** for faculties and ME students during **Jun 27 – Jul 8, 2016.**

KAMARAJ
KONGU ENGINEERING COLLEGE
MOUNT ZION

♦ A guest lecture on "Analog and Digital Communication was organized at the Dept of ECE of **ISF Mahendra Engineering College, Namakkal Dist** on **Jun 28, 2016**. Asst Prof M Raja Madasamy, Dept of EE, NIT–Uttarakhand, was the resource person. In his address he elaborated on the role and requirements of various components in a communication system; the importance of mathematical modeling of entire communication process and iterated the significance of possessing thorough knowledge on random process which is needed to understand the implications of noise added in the communication channel. He compared the performance of analog and present day digital communication systems and gave a bird's eye view about the on-going research areas in communication engineering. Dr N Shanmugasundaram, HoD/ECE and Principal and Dr M Madheswaran also addressed the audience. The ISF also held a three –day workshop on "Industrial Electronics" by Shri S Sundara Moorthy, MD, Sunshiv Electronics Solutions, Coimbatore, during **Jul 11-13, 2016.** The workshop helped the students to understand the fundamentals of circuit creation and learn to design the complex system using PIC & PLC programming. Yet another seminar on "Recent Advancements in Microwave Devices and its Applications" was organised on **Jul 12, 2016,** with Prof T Senthil Vinayagam, AP/ECE, Coimbatore Institute of Technology, Coimbatore, as a resource person. The scope of this seminar was to explore the basics of Microwave devices and its Applications. About 100 participants (final year ECE) actively participated and was benefited from this seminar.

♦ **ISF** at **MLR Institute of Technology, Hyderabad**, conducted a workshop on "Satellite image processing using ENVI Software" by the resource person, Mrs V Satya Sahithi, National Remote Sensing Centre, ISRO, Hyderabad on **Jul 2, 2016**.

♦ The Dept of ECE at **ISF Gokaraju Rangaraju Institute of Engineering and Technology (GRIET), Hyderabad**, paved the way for the inauguration activity of "Electronics Club" & "Photography Club" on **Jul 6, 2016**. The students were addressed by the Principal, Dr Jandhyala N Murthy; the Director Dr PS Raju, HoD/ECE, followed by staff members. The Electronics club, which is a student run organization will strive to impart enthusiasm and passion for electronics and allied fields among students and will play an important role in providing the hands-on-experience. The Photography Club will be the platform for all those who have the creativity and imagination and to flaunt their art of observation.

♦ **ISF** at **Kongunadu College of Engineering and Technology, Thottiam, Trichy, Tamilnadu,** conducted a career guidance programme by Mr Mohammed Yaashin, Freelance Softskill and Behavioral Trainer from Chennai, on **Jul 9, 2016**. The programme was presided over by Dr R Asokan, Principal, KNCET, while the Presidential address was delivered by Dr PSKR Periaswamy, Chairman, Kongunadu Educational Institutions.

♦ The Dept of ECE of **ISF TRUBA Institute of Engineering & Information Technology, Bhopal**, organized a two-week Industrial Training on "RF & Telecom Technologies" by the renowned experts from BSNL & ETL for the ECE students. It was organized in association with HCL, CDC, Bhopal, from **Jul 9 - 26, 2016** and attended by about 60 students. During the training Prof Neelesh Gupta, HoD ECE, guided and gave valuable information. The aim was to enhance the knowledge in the field of RF & Tele-communication by giving the students practical exposure through industrial visits. The contents covered were: Communication Basics, GSM System, CDMA System, telecom technologies, complete RF section with survey related to it, Tower foundation & Installation etc. On the valedictory ceremony, Dr Manish Manoria, Dir, TRUBA Group Bhopal; Shri Sumit Saxena**,** Sr SDE & Training Head BSNL, Bhopal & Shri Deepak Awasthi, Dir, HCL CDC, Bhopal were also present.

♦ **ISF** at **Kongu Engineering College (KEC), Erode,** inaugurated the new ISF session on **Jul 12, 2016**. The function was presided over by ThiruV K Muthusamy, Principal, KEC. The Chief guests were Shri S Ramkumar and Shri Tanga Krishnan. Prof (Dr) G Murugesan, HoD/ECE delivered the welcome address. The other speakers were: Shri N N Pragash, ISF Faculty advisor; Shri M Saravanan, Chairman IETE Erode Centre. The inaugural address was given by Shri S Ramkumar, CEO, Spectra Plast India Pvt Ltd. A special lecture on "Industrial Automation" was delivered by Shri Tanga Krishnan, Mg Partner, KTEX Automation, Coimbatore. Vibrantz- a non-technical symposium was organized on **Aug 4, 2016,** wherein students showcased their skills and talents. The events like mind blenders, quiz and marketing was conducted and the winners were appreciated. It was presided over by Dr N Kasthuri, Prof/ECE. In yet another interaction programme held on **Aug 6, 2016,** Mrs Uma Ramasubramanian Japanese Trainer ABK-AOTS-DOSOKAI Coimbatore and Shri P Kumar Japanese Trainer ABK-AOTS-DOSOKAI Erode, talked about the Japanese Language & its importance of learning. Ms R P AnuSwathi and Shri V Santosh also shared their experience in the subject.

♦ The Dept of ECE of **ISF Nandha College of Technology, Erode** organized a number of activities which include a seminar on "Save Environment – Plant a Tree" in association with ISF, Erode Centre on **Jul 15, 2016**. The chief guest Shri N Prabakar, Forester, Forest Extension Centre, Arachalur, Erode, addressed the gathering. Other eminent persons present on the occasion were: Dr S Nandagopal, HoD/ECE; Dr R Nallusamy, Principal, NCT and Dr S Arumugam, CEO, Nandha Educational Institutions & Chairman, IETE Erode Centre. An Industrial Seminar on "Embedded Systems**"** was organized on **Aug 3, 2016** in the presence of Shri M Manikandan, Project Engineer, AEONIX Industrial Automation, Erode, the chief guest. Another academic seminar **"**RF and Microwave Engineering**"** was conducted on **Aug 5, 2016** with Shri R Veeramani, AP/ECE, KSR College of Engineering (Autonomous), Tiruchengode.

♦ **ISF** at **BITS Edu Campus, Vadodara,** organized an orientation program on **Jul 16, 2016** for II year EC students. Shri Paramvir Singh (Treasurer), gave the introductory address. The information about the past events held in the forum, and advantages of being an IETE member were explained. About 20 students attended this program.

The event was conducted under the guidance of Prof Vaishali Salunke and Prof Dhara Gadhvi. **The ISF** also organized a mega event **"Tech Vibes"** on **Jul 29, 2016** with four competitions both technical and non technical, namely- Circuit Solver, Junkyard, Treasure Hunt and Galli Cricket, attended by nearly 65 students.

♦ The **ISF** at **Dept ECE of K Ramakrishnan College of Technology, Trichy,** was inaugurated for the new academic year by Dr G Jagajothi, Professor/IT, Periyar Maniyammai University, Tanjore, on **July 19, 2016**. The dignitaries present on the occasion were: Dr S Muruganandam, Principal; Dr S Suganthi, ISF Coordinator; Prof S Syedakbar, HOD/ECE. The speaker emphasized on the importance of having the IETE professional body membership, its activities and created awareness among the students about IETE. A Guest lecture on "SONET and WDM Optical Communication Networks" was also delivered by the chief guest for final year students. Different aspects related to optical communication were delivered from the basics of optical structure upto advanced optical networks supported for today's wireless communication. A video of course-content prepared by the speaker for Optical communication was shown in the concluding session, which was very inspiring and informative to the students.

♦ Dept of ECE, of **ISF Mount Zion College of Engineering and Technology, Pudukkottai,** organized a one day workshop on "Recent Advancements in Embedded System" on **Jul 25, 2016**. Dr G Dhanabalan, AP/EIE, Kamarajar College of Engg & Tech, Virudhunagar, delivered a special lecture and conducted hands on training programme for the students. Shri Jayabarathan Chelliah, Chairman, Mount Zion Educational Institutions, presided over the function. Prof Jayson K Jayabarathan, Dir, delivered a special address. Dr P Balamurugan, Principal; Dr Robinson, HoD of ECE and Shri R Premkumar, AP/ECE also addressed the gathering. More than 300 students were benefitted by the programme.

♦ **ISF** at **Loyola-ICAM College of Engineering and Technology (LICET), Nungambakam, Chennai**, was inaugurated by **Smt Smriti Dagur, President IETE** on **Jul 25, 2016**. The welcome address was given by Dr S Saraswathi Janaki, HoD/ECE and the other dignitaries on the occasion were: Shri S Ramaswamy, Immdt past Chairman, IETE Chennai Centre, the guest of honour and Dr Swarna Ravindra Babu, Chairman, IETE Chennai Centre, the keynote speaker. Shri Ramasamy motivated the students about their career guidance and opportunities in digital India. Mr Jim Staffad, President, ISF, LICET presented the plan of activities for the year 2016-2017 that included workshop, seminar, paper & project contests, conference etc on latest technologies. The keynote address by Dr Swarna Ravindra Babu was on "Internet of Things" and he spoke on the challenges for the budding engineers in finding solutions in the domain.

♦ **ISF** at **SRM University, Ramapuram, Chennai**, was inaugurated by **Smt Smriti Dagur,** President IETE on **Jul 25, 2016**. Mrs G Revathy, HoD/ECE, welcomed the chief guest Smt Dagur; Guest of honour, Shri S Ramaswamy, Immdt past Chairman and Dr Swarna Ravindra Babu, Chairman, IETE Chennai Centre, the keynote speaker. Smt Smriti Dagur presented the ISF plaque to the head of the Dept and membership cards to the students.

♦ **ISF** at **Muthayammal Engineering College (MEC), Rasipuram,** organized a guest lecture on "Introduction about Electronics" on **Aug 4, 2016**. The speaker, Dr B Dinesh, Mg Partner, GEM Enterprises, Coimbatore, delivered an informative lecture covering electronic techniques. The lecture was attended by about 135 IETE student members. Others present were: Prof T Kowsalya, HoD, MEC; Shri T Raja, AP/ECE, ISF co-ordinator and Shri K Elamathi, AP/ECE.

Announcement & Call for Papers

59th Annual Technical Convention on

Make in India – Product Design/IPR in ICT

24th – 25th Sep 2016 at IETE HQ, 2, Institutional Area, Lodi Road, New Delhi

In just over a year, Make in India has been powered by an in-depth overhaul of processes, policies and collaboraive effort, yielding significant results. This Convention aims at providing a plalform for researchers to share fresh, results, call for comments or collaborations and exchange of innovative ideas, concepts, knowledge and skills under a single umbrella for a successful innovative product design for achieving twin objectives, one of fulfilling the needs of a society and second of achieving higher goals of establishing a propoerous nation.

Papers containing unpublished original work of high quality/review articles related to the above theme are invited. The Convention will also have Invited Talks/Key-note addresses from eminent persons engaged in these fields, which will be of immense value to all. Some suggested areas for Product design/IPR in ICT are :

Call for Papers:

- IPRs v/s Competition
- Invention Analysis
- Massive Online Courses using Modern ICT
- Patent Analysis & Management System
- Make in India in Smart Ups
- Bandwidth Optimization and Utilisation of ICT
- Prior Art Search
- Innovative Products and Marketability
- Make in India in Defence Sector

Paper Submission Date :

Full Paper Submission : 31st Aug 2016

Notification of Acceptance : 12th Sep 2016

Camera Ready Paper Submission : 15th Sep 2016

For further details please contact: IETE, 2, Institutional Area, Lodi Road, New Delhi – 110 003

Ph: +91 (11) 43538823/21/22/58, Fax: +91 (11) 24649429, E-mail: sec.gen@iete.org, dysec@iete.org, Website: www.iete.org

Achievement and Honour

Dr G Satheesh Reddy (F225072L), SA to Raksha Mantri & Indian aerospace scientist, was conferred the **first IEI-IEEE Award** for engineering excellence 2015 in recognition of his **significant national contributions towards missiles and aerospace technologies**. The award was presented by the Institution of Engineers (India) and the Institute of Electrical and Electronics Engineers, Asia Pacific region, during the Institute of Electrical and Electronics Engineers' 50th anniversary.

Inspiring Women Achievers

Nandita DasGupta received her BE degree in Electronics and Telecommunication Engineering from Jadavpur University, Kolkata, India in 1982, M Tech in Electrical Engineering and PhD degrees from IIT Madras in 1984 and 1988 respectively. She was awarded Alexander von Humboldt Fellowship in 1991 and spent one year in Technische Hochschule Darmstadt, Germany. Since 1993, she has been a Faculty member in the Department of Electrical Engineering, IIT Madras and is currently a Professor. Her research interest is in the area of Semiconductor Device Technology and Modeling as well as Micro-Electro-Mechanical Systems (MEMS) and photonics. She has published nearly one hundred and fifty research papers in reputed international journals and conferences. Her papers, particularly those in the areas of high-k and ultra-thin gate dielectrics as well as on compound semiconductor devices are cited widely. She has received the MRSI medal in 2014 for her contributions in the field of materials science.

A scientist is a seeker of truth. So, ask questions and do not accept anything blindly. Verify the answer, because that is the only way to reach the truth. Look around, there are so many problems waiting to be solved, that can make the world a better living place.
– Dr Nandita DasGupta

Nandita has co-authored a book titled "Semiconductor Device Modelling & Technology" which is recommended as a text book for BTech students from Micro to Nano" in "A Textbook of Nanoscience also written a chapter titled "Silicon MOS Transistor – 2012. She has developed a course on VLSI Technology and Nanotechnology" published by McGraw-Hill in Learning (NPTel), which is among the top ten most for the National Program on Technology Enhanced Engineering and is offered as a certificate course. popular courses in Electronics and Communications

Nandita has guided/guiding 8 PhDs and 21 M S students. She has also been actively involved with a number of projects sponsored by defence and space organization. Currently she is one of the Principal Co-ordinators in the DeitY-sponsored project "Centre for NEMS and Nanophotonics.

Calendar of the Events

Subject	Date	Venue	Contact
IETE- Foundation Day	02 Nov 2016	Delton Hall, 2 Institutional Area, Lodi Road, New Delhi-110003	Secy General, IETE HQ Ph: +011-43538821/23
International Symposium on "5G and Security" jointly with 26th GISFI Standardization Series Meeting	26-29 Sep 2016	IETE Delton Hall, New Delhi	Secy General, IETE HQ Ph: +011-43538821/23
International Symposium on "Smart City" jointly with 27th GISFI Standardization Series Meeting	1-3 Dec 2016	IIT, Bhubaneswar, Odisha.	
IETE Convocation	Yet to be fixed		

Obituary

Shri U V Nayak (F021658L) the former Member of Telecom Commission and a stalwart of IETE, passed away on 19th Jul 2016. He served in the IETE Council as the Vice President during 1982-83, as a Member in 1983-84 & as Hony Treasurer in 1984-85. IETE mourns the passing away of a professional member.

Shri O P Sharma (F014555), the former Chairman IETE Delhi Centre (1980-81 & 1981-82), left for the heavenly abode in May 2016. He was instrumental in starting the 1st Batch of ALCCS Course in Delhi Centre in the year 1982, that was inaugurated by Late Dr M S Sanjeevi Rao, HFIETE.

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Registration of Professional Engineers by ECI jointly with its Member Associations

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IETE is a Member Association of ECI and we encourage interested IETE Members/ professionals to visit the site www.ecindia.org and be benefitted from this opportunity.

IETE Innovation Meet - 2016

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