

FROM PRESIDENT'S DESK



2013 was full of struggles yet victorious for IETE as not only did we successfully complete our 60th year, but also carved the path for opening up of an IETE University, demonstrating our vision. Though it is yet to crystallize and take form, but I am happy to receive positive vibes from many of our esteemed members & well wishers. Some other memorable moments during the year were organizing of 1st IETE Student Forum National Congress on 1st & 2nd Feb 2014 concurrently with the celebrations of IETE Students' Day, giving unique opportunity to students and scholars to interact with various technocrats & experts.

Another event worth stating was the celebration of 1st Women's Day at IETE HQs, as well in accordance with this year's cherished objective of *empowering women in engineering role*. A few selected women in top leadership positions in their profession, were invited to share their experiences. We hope that these events will be welcomed warmly by members and establish a new tradition.

IETE's 45th Mid-Term Symposium on "Broadband –Technologies and Services for Rural India", inaugurated by the Vice Chancellor of SRM University, Dr M Ponnaikko, was conducted in the serene surroundings of SRM University on 4th-5th April 2014 at Chennai. The symposium was very well received, thanks to the efforts put in by the Technical Programme & Resource Generation Committee, Chairman IETE Centre and his team. The seminar was on very topical subject and provided a good opportunity to assess both the technology & market scenario in India. On this occasion, the Vikram Sarabhai Memorial Lecture was delivered by eminent scientist, the Padma Shree Awardee, Dr A S Kiran Kumar, Director SAC, Ahmedabad.

It is a matter of great pride that a number of IETE members have been awarded coveted Padma Awards this year on Republic Day celebrations. On behalf of IETE fraternity I congratulate Dr R A Mashelkar, HF-IETE, Dr K Radhakrishnan, HF-IETE, Dr A S Kiran Kumar, FIETE & Dr M Y S Prasad, FIETE, for receiving the Padma Vibhushan, Padmabhushan and Padma Shree Awards, respectively.

I am also happy to inform that the Publication team at IETE Hqs is now working with the new Publisher "Taylor & Francis, UK" to achieve increased impact factor and to be referenced in Web of Science. We also hope that soon our IETE journals will have wide submission by range of authors to suit our readership.

In MTS-2014 Council bid farewell to 10 Centre Chairpersons who will be completing their tenure on 30th June 2014. I hereby thank these Council Members for their work and continuous efforts to make IETE grow. In these testing times, through their leadership experiences, rich diversity of perspective and initiatives, we saw continuous work shaping IETE for brighter future.

I wish to remind one and all that the present issue of recognition of professional courses is a national issue affecting 14 societies and approximately 2 lakh students. I understand how difficult it is for IETE students and all other IETE members to go through these trying circumstances. Rest assured that all your apprehensions would be fully addressed, as the student's future is paramount to us and we are trying to reach out to the concerned authorities, bureaucrats, political leaders, eminent personalities so that the solution to the issue at hand can be arrived at. However, IETE appointed a high level authorized Committee, which interacted with over 500 students on 12 April 2014 at IETE Hqs and worked out a roadmap for months to come to redress their apprehensions.

I would like to reiterate that student's concerns would be fully addressed with in a time bound manner. Communications made so far with the concerned institutions, organizations, Govt agencies are being reflected on IETE website. The outcome of the discussion would also be placed on www.iete.org website as soon as it arrived at. It is my sincere appeal to maintain calm as IETE stands committed to the welfare of its students. This is our topmost priority to get ourselves re-recognized and work for making IETE a premier NGO-providing education & developing professional excellence in the country.

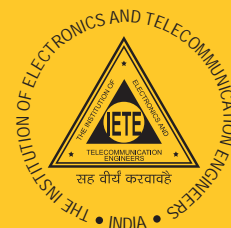

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IETE HQs, New Delhi



News from Headquarters

IETE 45th MTS on “Broadband – Technologies and Services for Rural India”

Broadband services can be best provided in rural India using wireless technology. Given modest income levels, internet-based services are accessible to most of the rural populace only through a kiosk model of delivery. Such services call for a wireless system that can provide at least 256 kbps in a sustained manner, to each of around 200 villages within a radius of 20 km from an Internet POP (Post Office Protocol). If broadband services are to be provided today, and at an affordable cost, one has to look for innovative ways of adapting low-cost, high bit-rate, and high-capacity technologies meant for local networks. The corDECT system has been proven in rural deployments and shown to provide a feasible solution.

IETE's focused on the potential of 'Broadband – Technologies and Services for Rural India' during its two-day Mid-Term Symposium held on **04-05 April 2014** in a grand style amongst the salubrious surroundings of SRM University, Kattankulathur, Kancheepuram Distt, Tamil Nadu. The notables sitting on the dais were: **Dr M Ponnaivaiko**, V C, SRM University; **Mr Mohammed Ashraf Khan**, CGM (Telecommunications) BSNL, TN Circle; **Dr AS Kiran Kumar**, Director SAC; **Dr S Pal**, President IETE; **Prof D Narayana Rao**, Director (Res) SRNU; **Shri P S Sundaram**, Chairman TP & RGC; **HR Pathasarathy (Retd)**, Co-Chairman, TP & RGC; **Col (Retd) K S Chakravarthi**, Chairman IETE Chennai Centre; **Converners: Dr V Thulasibai**, Hony Secy, IETE Chennai Centre, **Prof S Malarvizhi** HOD, VCE, SRM University and **Shri S R Aggarwal**, Secy General IETE.

Col (Retd) K S Chakravarthi, the Chairman of host Centre, IETE Chennai Centre, delivered the welcome address and **Shri P S Sundaram**, Chairman TP & RGC, introduced the theme of the symposium.

The Chief Guest **Dr M Ponnaivaiko**, Vice Chancellor, SRM University inaugurated the symposium, together with **Mr Mohammed Ashraf Khan**, Chief General Manager (Telecommunications) BSNL, Tamil Nadu Circle, the Guest of Honour. The Chief Guest in his inaugural address traced the history of early modes of communication and highlighted the power of technology as the man saw it evolve and change over the years. He relived the historical moments that paved a path to a whole new world. **Padma Shree awardee, Dr AS Kiran Kumar**, Director SAC, delivering the prestigious IETE 41st **Vikram Sarabhai Memorial Lecture** on the topic 'Mission to Mars' revealed that India's Chandrayan-II mission would see the country sending a rover and a

lander on the moon surface. He said in Chandrayan-I, ISRO dropped a Moon Impact Probe on the surface while in the second mission, ISRO would send a lander and a rover on the surface, which will then collect data for the country. Underlining the difference between the phases, he said that this time during Phase II, India will not be dependent on Russia but will be making it on its own. According to him, the mission is likely to be ready by 2016. Elucidating further, he said that the space technology programme in India aims at addressing specific problems of the country and it is not in a race with other nations. He illuminated that India is the only country other than the US to have a satellite like INSAT-3D that gives it an edge in weather predictions. He talked of ISRO's work in helping agencies identify prospective fishing zone, crop yield, forecast, etc. Dr Kiran was very enthusiastic during his entire speech. He combined his ideas with examples that made the listeners get hooked onto his speech. The lecture was well appreciated.

IETE felt it necessary for professionals in the field of 'Broadband – Technologies and Services for Rural India' to get together in brainstorm sessions, take a stock of the changes on the horizon and bring in synergy. IETE Mid-Term Symposium 2014 aimed at achieving this. The symposium got together all the key players associated with the theme researchers, academicians, technology and solution developers, service providers and hardware and software vendors under one roof to share knowledge, exchange ideas and plan the future for the benefit of all. Over 180 papers were received from various colleges and organizations from all parts of India and 122 papers were selected and published in the proceedings with ISBN code. There were 12 sessions lasting two days and each session having 10 presentations. Best papers were awarded prizes. Certificates according to the merit and categories were also presented. The programme was given wide coverage by the media and DD.

The event was well organised and conducted and had won accolades from many circles for its standard. Messages of greetings from dignitaries, like-His Excellency the Governor of Tamil Nadu, Minister of Aviation, Govt of India, Member Planning Commission, Director Space Application Centre and many others were received and published in the Souvenir. The platinum sponsor of this major event was SRM University while other organizations like DRDO, MC & IT, ISRO, DST, CSIR and MoES, cosponsored the event.

The meeting of the Committees and Boards and the 4th Governing Council Meeting were held on 5th and 6th April 2104 at the Conference Hall of Techno Park View of SRM University Kattankulathur. The meetings deliberated on various vital issues related to ongoing activities, futuristic activities, Finance, administration, Academics etc and paved the way for action plans. The meetings were well attended in large number, including the attendance by co-opted members who turned out in large numbers.



Padma Shree awardee, Dr AS Kiran Kumar, Director SAC, receiving a memento from Dr S Pal, President IETE at MTS 2014. Shri P S Sundaram, Chairman TP & RGC is seen standing left to the awardee.

Memorable Moments of MTS - 2014



Broadband Technologies and Services for Rural India
4th and 5th April 2014

Venue: SRM University
SRM Nagar, Kattankulathur
Kanchi District
Tamil Nadu

INSTITUTION OF ELECTRONICS AND TELECOMMUNICATION ENGINEERS
45th Mid-Term Symposium
on Broadband Technologies and Services for Rural India
4th and 5th April 2014

Venue: SRM University
SRM Nagar, Kattankulathur
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Apex Forum on "Vocation and Skill Development Perspective-Current Scenario"

The 1st IETE Apex Forum (2013-14) on "Vocation and Skill Development Perspective-Current Scenario" was held on 28th Feb 2014 at IETE HQs, New Delhi, to facilitate skill development initiatives in India. The forum was conducted with an objective to interact with the industry to understand their requirement and get assignments for skill development. It was a great opportunity for IETE to know the views of panelists who were sourcing hub for skilled workforce. Dignitaries present on the occasion included: **Dr S Pal**, President, IETE; **Smt Smriti Dagur**, Chairperson, IC&CC, distinguished Council members and **Shri S R Aggarwal**, Secy General IETE. The expert panelists were **Shri Ajay Mohan Goel**, Director, Skill Development Network, Wadhvani Foundation; **Commodore B Ravinder**, Director, Telecom Sector Skill Council and **Dr Rajeev Shorey**, Founding President, NIIT University. **Smt Smriti Dagur**, Chairperson IC&CC, presented an overview of the Apex Forum. **Dr S Pal**, President, IETE introduced the expert panelists and said that he was hopeful that their suggestions would help IETE in augmenting its role and developing strategy to facilitate implementation to meet future challenges.

Shri Ajay Mohan Goel, Director, Skill Development Network, Wadhvani Foundation, in his speech mentioned about India's trailing position in the skill education sector, as a big challenge. To counter such state he said the initiatives being taken by his Foundation, include-Job creation through Entrepreneurship; Employability through Skill Development; Innovation through Research; Empowering the Disabled; Promoting Indo-US trade, etc. He emphasized on Online Learner-Centric, Hybrid Learning System for the benefit of all, during his presentation. **Commodore B Ravinder**, Director, Telecom Sector Skill Council (TSSC), highlighted his group's approach in identifying skill gaps,

developing of National Occupational Standards (NOS), aligning of curriculum, affiliating training partners, assessing & certifying of trainers, assessing trainees through approved assessment body & industry approved framework. He also quoted the benefits of TSSC for the industry, telecom ecosystem and to the training providers. **Dr Rajeev Shorey**, Program Dir, Media Lab Asia, DietY, GoI; & Founding President, NIIT University, delivered his talk on "Vocational Education & Skill Development in a Technology Driven Society". He gave some alarming statistics on scanty percentage of people receiving formal vocational trainings. He said that more than 40 million people are registered in employment exchange & only 0.2 million get jobs. He further elaborated that most industries in India are currently struggling with scarcity of skilled labour and there is a need to improve skills round the clock as new technologies, services, applications are increasing exponentially and there would be huge challenge out there to manage complex systems.

Considering the magnitude of the challenge in terms of skilling about million populace every year and ensuring that the workforce of 500 million is adequately skilled by 2022, it is required that the way forward comprises of adequate initiatives to achieve these enormous targets in the right scale and speed. The forum ended with lively panel discussion and the recommendations that emerged from this forum were: ● IETE and Telecom Sector Skill Council (TSSC) should work closely and benefit from each other's strength to meet the challenges of providing employable skills to the youth to meet the needs of the industry. ● IETE should become Skill Development Training Partner of TSSC; ● MoU should be signed between IETE & TSSC; ● TSSC should build brand value for National Occupational Standards (NOS); ● IETE should interact with the industry to understand their requirements for Skill Development.



Commodore B Ravinder, Director, Telecom Sector Skill Council, Shri Ajay Mohan Goel, Director, Skill Development Network, Wadhvani Foundation and Dr Rajeev Shorey, Founding President, NIIT University receiving mementos respectively from President IETE Dr S Pal

Report on 1st IETE Women's Day -2014

Joining in the celebrations of International Women's Day(IWD), for the first time, IETE organized a seminar on "Opportunities & Challenges for Women in Science & Technology", under the chairmanship of **Smt Smriti Dagur**, Chairman, Women Empowerment Engineering Committee (WEEC), to discuss the increasing importance of women in their role in science and technology & to promote gender diversity on 8th Mar 2014 at Delton Hall, New Delhi. President IETE, **Dr Surendra Pal**, Distinguished Scientist, presided over the function. **Mrs Rita Teotia**, Additional Secretary, DoT, Govt of India, graced the event as Chief Guest, while the other invited speakers included: **Dr Malti Goel**, Senior Scientist & Advisor (Retd), DST; **Shri S N Gupta**, ex-Principal Advisor, TRAI; **Dr Archana Gulati**, Advisor, National Disaster Management Agency, New Delhi; **Shri Rakesh Verma & Mrs Rashmi Verma**, founders of MapmyIndia, India's leader in Digital Maps, GPS navigation, GIS & web mobile LBS, New Delhi and **Mrs Rajasree S**, Jt Director, C-DAC, Noida. Giving valuable information on the history of IWD, the Chairman WEEC, **Smt Smriti Dagur**, informed of this year's UN theme for IWD "Equality for women is progress for all" and she talked about the gender disparity at all levels and its adverse impact on women. The speakers also brought out common issues like obstacles faced by women in workplace, responsibility of domestic work, fighting male chauvinism, injustice due to gender bias, women being perceived as unsuitable for some domains, out of town travel/posting, late hour work, etc. They also pointed out the fact

that fewer women in Science & Technology, especially in leadership positions, lead to fewer women in that profession, which is an impediment.

The speaker **Ms Rajasree**, who belonged to a matriarchal community, said that this fact gave her an edge over other women members and narrated her experiences of late night travels, and said she was now more conscious about her women subordinates' late night travels. **Shri Rakesh Verma** mentioned how the idea of Mrs Rashmi Verma of having digital maps could be turned into a successful venture as Mapmy India of 750 employees. **Dr Archana Gulati** gave some statistics which were eye openers on gender equality index. **Dr Malti Goel** informed of initiatives taken by DST, like constituting of a Task Force for 'Women in Science' comprising mainly of women members and other initiatives for their career advancement and re-entry opportunities.

Since women have come a long way and can appreciate and thrive in science & technology regardless of age or gender, have a passion for motivating and inspiring others as they can offer critical insights as to priorities and approaches in science, there is a need to place women at the center of the decision-making process. Clearly much more support is needed to encourage women to retain, focus and increase professional participation in S&T and help lead the institutions like CSIR, SAC, ISRO, PRL, IIMs, IITs & IETE. This women centric event was the first of what IETE hopes will become an annual occurrence.



Padma Awards

On 65th Republic Day 2014 a total of 127 distinguished personalities from various fields have been awarded Padma Awards. Following is the list of the few IETE awardees of Padma Vibhushan, Padma Bhushan and Padma Shree, which were announced on the eve of the 65th Republic day.

Padma Vibhushan

Dr Raghunath A Mashelkar, Science and Engineering, Maharashtra– (HF IETE- 00034)

Padmabhushan

Dr Radhakrishnan Koppillil, Science and Engineering, Karnataka, (HF IETE-00046)

Padmashree

Dr Kiran Kumar Alur Seelin, Science and Engineering, Gujarat, (FIETE -234823)

Dr Malapaka Yajneswara Satyanarayana Prasad, Science & Engg, AP (FIETE- 236013)

IETE New Logo

The logo that stood with the Institution of Electronics & Telecommunication Engineers since 1953 has now been modified with an improved image, reflecting clearly the name of the Institution in circle around the logo. This decision of change in the logo was taken by the IETE Governing Council.



18th Sir C V Raman Memorial Lecture

Dr R Chidambaram, Principal Scientific Adviser to the Govt of India, delivered 18th Sir C V Raman Memorial Lecture on "Research, Innovation & the Knowledge Economy" on 28th Feb 2014 at Delton Hall, IETE New Delhi.

Dr Chidambaram's talk centered on the attainability of the knowledge economy, requirement of mega science facilities for much of research today. His talk also outlined the development in the designing of an indigenous Pressurized Water Reactor (PWR) for the propulsion programme, by India, RuTAG initiative of the Office of the PSA to Govt of India, that focuses on development, delivery and dissemination of technologies for rural development. He enlightened that RuTAG, which is an Open platform innovation strategy, is currently centered in 8 IITs and draws technology from other knowledge institutions. Dr Chidambaram, in his lecture threw light on how the facilities of Centres of Excellence in Nanoelectronics (CEN) at IISc and IITB are kept open for other academic users, through Indian Nanoelectronics Users Programme (INUP) and University collaborations. He also updated the audience on National Knowledge Network and its applications. He was of the view that the path to a knowledge-driven economy is paved by New Advanced Technologies. He said that the so-called Proven Technologies (including in Advanced Management), unless subjected to continuous evolutionary improvements, are often a synonym for Obsolete Technologies. The sinews for New Advanced Technologies are comprehensive capabilities in frontier areas of science.

Delivering the Sir C V Raman Memorial Lecture, Dr Chidambaram remarked, "Basic research, though it gives prestige, cannot by itself create prosperity and security-- wealth, strategic strength or societal benefit-- without applied research, technology development, high-quality manufacturing skills and R&D-led innovation. At the same time, we should realize that an advanced technology superstructure cannot be built without the foundation of basic research, including what I have called 'directed basic research', to develop new knowledge and to provide the ability to appropriate knowledge developed in other countries. Innovation has a major role in building a knowledge economy, for sustainable development with emphasis on inclusive growth, reaching out to high-end, MSME and rural sectors, and in all these sectors, IETE can play important roles, through catalyzing research, education, innovation and skill development.



Dr R Chidambaram, Principal Scientific Adviser to the Govt of India, delivering 18th Sir C V Raman Memorial Lecture on "Research, Innovation & the Knowledge Economy" on 28th Feb 2014 at Delton Hall, IETE New Delhi.

News from Centres

A variety of activities were carried out in the country by the following IETE Centres :-

AHMEDABAD

- The L J College of Engineering, Ahmedabad, organized a seminar, graced by **Dr S Pal**, President IETE, as its Chief Guest. During this trip, Dr Pal visited IETE Ahmedabad Centre and met the Centre's Executive Committee members and motivated them on directing their efforts towards important outcomes.
- **The Students' Day** was celebrated amid students, executive committee members and corporate members on 2nd Feb 2014. Delivering the welcome address the Centre Chairman, **Shri Chintan Bhatt** informed about different types of competitions, namely- technical paper presentation, technical quiz and project demonstration, that were organized for the students. **Prof Hetal Bhatt**, the quiz master, moderated the Quiz Competition. The winner of the paper presentation was **Ms Himadri Soni** and for Quiz Competition, the I prize was shared between **Ms Himadri Soni & Shri Vinay Tomar**, while II prize between **Shri Jay Pandya & Ms Honey Sayta!** Each of the other participants was given certificates.
- The **National Science Day** was celebrated on the theme "**Fostering Scientific Temper**" on 28th Feb 2014. The Chief Guest & the theme speaker was **Dr Ratneshwar Jha**, of IPR Ahmedabad.

ALLAHABAD

- On the occasion of **60th Foundation Day** of the institution, the Centre presented an IETE film on view, on 9th Nov 2013. **Prof K K Bhutani**, DF and Director UPTTEC Allahabad, graced the occasion as Chief Guest and delivered his address on the theme "**Internet-A vehicle of Mass Communication & its Impact**". **Prof Nar Singh**, Centre Chairman also spoke on the theme and informed about the Centre's development activities. Prof Jagdish Prasad, Hony Treasurer, read out the message sent by President IETE. **Er J P Mishra**, FIETE & Dean SIET, Allahabad, and a senior member, **Prof H K Dixit**, delivered talks on the occasion, while the later was also felicitated by the Centre.
- A two-day Zonal Seminar on "**ICT: Current Perspective**" ended on April 13, 2014 at JK Institute of Applied Physics & Technology, University of Allahabad. The seminar included, an invited talk by Prof RR Tiwary, on "**Cloud Computing**", a special students' session and a panel discussion, under the chairmanship of Prof K K Bhutani. The convener of the seminar Dr J N Tripathi presented a report on two-day seminar in the concluding session.

AMBALA

- IETE **Foundation Day** was celebrated at Geeta Institute of Management & Technology (GIMT), Kurukshetra, on Nov 11, 2013. **Dr L N Mittal**, Director- QIP of GIMT was invited to

deliver key-note address on the theme: "**Internet - A vehicle of Mass Communication and its Impact**". Addressing the gathering he mentioned about the advantages of Internet with specific reference to information gathering, storage, retrieval and dissemination. The function was presided over by **Dr Anil Jain**, Chairman, IETE Ambala.

- **24th Gian Chand Jain Memorial Lecture** was delivered by **Dr A K Dewan**, Medical Director, Rajiv Gandhi Cancer Institute and Research Centre on "**Early Detection and Prevention of Cancer**". The lecture was attended by number of industrialists, IETE members and students from various engg colleges. **Dr Anil Jain**, Chairman, Ambala Sub-Centre, delivered the welcome address on the occasion.
- An extension lecture on "**Industrial Engg & Innovative Entrepreneurship**" was delivered on 23rd Nov 2013 by the Chairman, **Dr Anil Jain** at the MM University, Mullana, under the aegis of the IETE Ambala Sub-Centre. It was attended by all the Head of the Depts, Dean, Professors and Registrar of the University. **Dr Anil Jain**, Chairman, IETE, Ambala, has been appointed the Visiting Professor at this University.
- **Dr Anil Jain**, Chairman, IETE Ambala Sub-Centre was conferred upon a **IETE Diamond Jubilee Gold Medal and Merit Citation** by **Dr S Pal**, President IETE, for successfully executing industrial projects during Diamond Jubilee Year and excellent Industry-Institute Interface. The honour was conferred on 15th Feb 2014 at the inauguration of a new ISF at RPIIT, Karnal. **Shri R K Gupta**, Chairman, IETE Diamond Jubilee Celebrations was also present on the occasion.



Dr Anil Jain, Chairman Ambala Sub-Centre being felicitated for his excellent Industry-Institute Interface during Diamond Jubilee Year of IETE.

AMRAVATI

IETE Amravati Centre celebrated **Students' Day** on 04th Feb 2014. About 1500 students across the Amravati region participated in the celebrations.

BANGALORE

- **Prof Tapan Kumar Sarkar** from USA, delivered a technical lecture on "**Antenna**" on 08th Jan 2014, presided over by **Dr Surendra Pal**, President, IETE. Around 40 members attended and appreciated the lecture.
- Short Term Course on **Embedded System Design & advanced FPGA Design** by **Sri Malhar Deshpande**, FIETE, was started off on 19th Jan 2014.
- The Republic Day was observed in the presence of **Sri KR Sridharmurthy**, a senior Fellow Member of IETE, who hoisted the flag at the Centre.
- The celebrations during **IETE Students' Day** comprised of many games like badminton, chess, ringthrow and basketball, etc. Prof G K Venaktesh, Hony Treasurer, read out the message given by the President IETE for the day. A special program for awareness of the girls was held by **Ms Renu Dwivedi**, Engineer ITI Ltd, Bangalore, who spoke on "**Gender inequality in India, the significance of being a woman**". The main objective was to make the girl students aware of their safety, empowerment and strategies for advancement.
- **Dr P Sreekumar**, Director, Indian Institute of Astro Physics, delivered the **18th Sir CV Raman Memorial Lecture**, on "**Exploring the Unexplored-New Frontiers in Astronomy**" on 28th Feb 2014. **Dr MH Kori**, IETE Council Member, spoke on the importance of the National Science Day. **Shri D Rajagopal**, Centre Chairman, presided over the function and felicitated the Chief Guest.
- An **interview for Tower Connectivity Engineers** was organized by Reliance Company on **28th Feb 2014** in which 19 IETE students were selected.
- A one-day workshop on "**Signals & Systems with its applications**" was conducted by **Dr T C Manjunath**, Principal, HKBK College of Engineering, on **30 Mar 2014**. **Shri D Rajagopal**, Chairman IETE Bangalore Centre, inaugurated the workshop.

BHOPAL

- **Prof Virendra Singh Chaudhary**, Hony Secy IETE, Bhopal, Centre, hoisted the national tricolour at the premises on 26th Jan 2014, celebrating the **Republic Day** of the country.
- **IETE Students' Day** on 01st Feb 2014 witnessed a **Paper presentation contest** wherein about 80 students and 12 faculties were gathered from different group of institutions. The Chief Guest was **Prof (Dr) K R Pardasani**, Maths Dept MANIT, Bhopal, and Guest of Honour was **Dr Rakesh Arya**, Senior Recourse Scientist, MPCST, Bhopal. Students from different colleges participated in the paper presentation and received various prizes and certificates. **Shri Virendra Singh Chaudhary**, Hony Secretary, read out the message by President IETE. **Gp Capt K P Gowd** enlightened the

gathering on the benefits of joining IETE with dual degree program.

- **President IETE, Dr Pal** visited IETE the Bhopal Centre on 19th Feb 2014.
- A technical lecture on "**Embedded System**" was organized on 26th March 2014 at Radharaman Engineering College, Bhopal, by Infinity Projects Pvt Ltd Delhi.

BURDWAN

A two-day national conference dedicated to the 125th birth anniversary of great mathematician **Srinivasa Ramanujan** was organized on "**Materials, Devices and Circuits in Communication Technology (MDCCT-2014)**" jointly by the Sub-Centre and Dept of Physics, the Univ of Burdwan, on 7-8 Feb, 2014 at Univ of Burdwan. **Dr S N Joshi**, Emeritus Scientist and Head, National Gyrotron Project, CEERI, Pilani, inaugurated the conference, and delivered a talk on "**Importance of Microwave Tubes for Various Systems in the Country**". The other two lectures delivered on the occasion were: "**Engineering Challenges in making ICAL Detector at INO**" by **Professor N K Mondal**, Project Director, INO, TIFR, Mumbai and "**Microwave Power Module**" by **Dr Sudhir Kamath**, MTRDC, BEL Complex, Jalahalli, Bangalore. The event was well organised and won accolades from the participants.



National Conference "Materials, Devices and Circuits in Communication Technology (MDCCT-2014)" in progress.

CHANDIGARH

The IETE members gathered in large numbers to motivate the students on **IETE Students' Day** on Feb 01, 2014. **Dr C Ghanshyam**, Chairman, IETE Chandigarh Centre, apprised the audience of some significant functions being organized at the Centre from time to time. **Wg Cdr D N Misra**, Vice President, IETE, talked about the various measures being undertaken for the benefit of IETE students. **Prof (Dr) Pawan Kapur**, Distinguished Emeritus Professor AcSIR, Former Director CSIR-CSIO, and IETE Zonal Coordinator (North), motivated the students to take benefit of the facilities offered by IETE. **Dr Sanjeev Kumar**, Hony Secretary of the Centre read out the message of **Dr S Pal**, President, IETE, that focused on IETE plans to improve the quality of life in society by giving technological inputs. **Dr Shefali K Sharma**, Asst Prof, Dept of Internal Medicine, PGIMER, Chandigarh, in her

IETE Students' Day



IETE STUDENTS DAY CELEBRATIONS
03-02-2014
PALA-KAUL CENTRE

**THE INSTITUTION OF ELECTRONICS
AND
TELECOMMUNICATION ENGINEERS**
HYDABAD CENTRE

IETE STUDENT DAY CELEBRATION
23 FEB 2014
IETE SUN CENTRE, RAJMOHARI BHAVAN COMPLEX
INDIAN RAILWAY SOUTH COAST LINE JARALPUR (M.P.)

ENGINEERING & MANAGEMENT
(AITEM)

Amity University
GURGAON
STUDENT'S SYMPOSIUM
ON
INTEGRITY AND
CORPORATE ETHICS
07 FEBRUARY 2014
Organized by
Faculty Institute of Technology & Management
(GITM) &
IETE & Amity
Gurgaon

IETE Students' Day

14/2/2014
**MEMBERSHIP OF ELECTRONICS AND
TELECOMMUNICATION ENGINEERS**
MUMBAI CENTRE

01/02/2014

talk on "**Management of Dilemmas in Osteoporosis**" emphasized on timely diagnosis tests for Osteoporosis in men and women. The talk was highly appreciated. A technical quiz was conducted by **Dr N S Aulakh**, Senior Scientist, CSIR-CSIO Chandigarh, in which many students participated and winners were awarded.

CHENNAI

IETE Students' Day 2014 was celebrated on 01 Feb 2014 with usual enthusiasm and fervor. In accordance with the current year's cherished objective of *empowering women in engineering role*, few selected women professors from popular university and engineering colleges were invited as special guests and were felicitated. **Dr V Thulasibai**, Hony Secretary, Chennai Centre, emphasized on the need of propogating this insight to the present and future generation, by motivating more girl students at secondary schools to choose engineering as their preferred course. **Prof S Sumathi**, Sairam Engineering College, shared her experiences as an engineer and professor and said that she enjoyed her profession competing with her counterparts throughout successfully. **Dr B Meenakshi**, Sairam Engineering College, cited few famous women personalities' world over from various walks and fields, which she said substantiates her belief that women have the equal caliber and should not hesitate in donning the role of engineers. **Prof R Gayathri**, Saveetha Engineering College, narrated facing the challenges of prejudice during some point of her work experience at one of the Centres. **Dr V Jeyalakshmi**, of MGR University, spoke on successful women personalities in space, science & technology, politics & administration etc. She narrated her own experience as engineering professional.

Col (Retd) K S Chakravarthi, Chairman, enlightened IETE students on the recent happenings/status of Court case at IETE, implementation of new syllabus w.e.f 02 Jul 2014, dispensation of sales of syllabus, downloading facilities from web site etc. He appealed the students to attend contact classes in the centre, ABSOLUTELY FREE of any FEE or charges and to make full use of existing library, lab facilities and the help/voluntary services from veteran IETE Members, faculties and other experts from the industries. He asked the students to put up their requirements and recommendations for starting coaching classes immediately and assured all possible help. Thereafter, he highlighted the role of WEEC in the Governing Council and wished more women members from Chennai Centre should find place in that committee in the immediate future and demonstrate their capabilities.

DELHI

- On 01 Feb 2014, the Centre celebrated **IETE Student's Day**, encouraging competitive environment among the students by organizing competitions/games like chess, quiz, rangoli and antakshari. The Centre Chairman, **Wg Cdr K C Bhardwaj**, welcomed the august gathering. Two senior IETE Alumni Association members, **Wg Cdr T R Bhalla** and **Shri V K Arya**, Deputy DG, TEC, DOT (Retd), were invited to deliver

technical talks and share their life experiences with the students.

- The Dept of Electronics & Information Technology (DeitY) Min of Commn & IT, has assigned IETE to conduct 50 workshops at AICTE approved Engg Colleges on Electronic System Design & Manufacturing with an objective to create awareness & entrepreneurship in the young engineers in various parts of India. As on date, twelve(12) workshops at Manipur (Imphal-2); Mizoram(Aizwal-2), Assam(Guwahati-1), Meghalaya(Shillong-1), Chattisgarh (Bilaspur-1, Raipur-1, Bhilai-1), Haryana (Gurgaon-1), Uttarakhand (Dehradun-1) and Arunachal Pradesh(1) have been conducted.
- About 14 training capsules were conducted at IETE Centres to train the service engineers for the higher effectiveness for industries.

GUWAHATI

A colourful programme was organized by the Centre at NE region to observe the **IETE Students' Day** on 1st Feb, 2014. The message of **Dr S Pal**, President, IETE was displayed on the notice-board and read out by **Binita Goswami**, (AMIETE- ET). A technical talk on the topic "**Operating Systems**" was delivered by **Rahul Chatterjee**, (DipIETE-CS). A Collage Competition was held amongst the students on the current state of affairs in the country, which was conducted and adjudged by faculty members, **Janmoon Rajkumari & Papori Barman**. The students immensely enjoyed a quiz conducted by quizmaster, Jugal Goswami, Sr. Faculty member and scorekeeper, Papori Barman. A highly entertaining mimicry act by **Priyanshu Dutta**, a student member (AMIETE- ET) stream kept the students in splits of laughter. The programme ended with a scintillating musical concert performed by Arnav Roy and party. The Centre Chairman, **Shri Prasanta Saikia** addressed the students and gave away prizes to the winners. **Kokila Goswami**, Administrative Officer and **Jugal Goswami**, Senior Faculty member helped the students to organise the entire programme in a befitting manner.

HYDERABAD

- The highlight of this year's **IETE Students' Day** celebrations, at the Centre was a special session for girl students on 02nd Feb 2014. Around 120 members attended the celebrations together with a total of 60 students participating in technical paper presentation. Cash prizes were distributed to first three winners, that include: V Ranganayakulu & R Susheel Kumar from MVSR Engg College, Hyderabad; P Sai Abhishek & V S Madhukiran Harsha from MVSR Engg College, Hyderabad and Ms G Abhignya & Ms Ch Pranavi from CMR College of Engg & Tech, also shared by Ms B Nikhitasa Barik and Ms Suman Kumari from Malla Reddy Engg College, Hyderabad. The Chief Guest, **Prof B L Deekshatulu**, Distinguished Fellow IETE, inaugurated the function and awarded prizes and certificates to the participants. Shri K Ganeshwar Rao, Hony Secy, delivered the welcome address. **Dr M**

Lakshminarayana, Vice-Chairman presided & delivered a Guest Lecture. IETE Alumni Association Members participated in the programme. Dr Niranjan Prasad, Er N Namassivaya, Ms K V B L Deepthi, IETE Members were the Judges for the Contest. In the special session **Smt Geeta Vardan**, Director, ADRIN, Secunderabad and **Dr Hemavathi**, Gynecologist, Apollo DRDO, Hyderabad addressed the girl students about their career and health issues respectively. **Dr K S Nayanthara**, Co-Chairperson, Women for Empowerment in Engineering Committee, IETE presided over the programme. Ms Lakshmi, Executive Committee Member, IETE Hyderabad Centre, introduced the speakers for the special session. Around 50 girl students attended this session.

- **IETE-Flt Lt Tanmaya Singh Dandass Memorial Award (2013) Lecture** was delivered by **Prof A D Sarma**, former Dir, Res & Training Unit for Navigational Electronics, Osmania University, Hyderabad, on "**Modelling of Ionospheric Delay and Threats for GNSS and Augmentation Systems**" on 4th Jan, 2014.

INDORE

Dr K L Thakral, Chancellor Oriental University, Indore, was the Chief Guest on **IETE Students' Day** function held at the campus of IETE Sub Centre, Oriental University Indore, on 1st Feb 2014. On this occasion **Dr Ram Bilas Pachori**, Assoc Prof, IIT Indore, delivered a talk on "**Time-Frequency Domain Signal Processing**", which was highly appreciated. **Prof H R Singh**, Chairman IETE Sub Centre Indore, read out the message by IETE President and acquainted of institution's yeomen services in providing quality technical education to the country. A large number of IETE students & ISF students attended the programme, coordinated by Shri Sanjeet Kumar Srivastava, Hony Secy, Indore Sub-Centre.

JABALPUR

During the celebrations of **IETE Students' Day**, the Sub-Centre Chairman, **Er N Vishwakarma**, read out the message by Dr S Pal, President, IETE. **Dr G C Manna**, CGM, focused his address on the practical aspects of placement issue of IETE students and on merits of forming ISF at colleges. **Ms Pallavi Desmukh**, IETE passout, serving at Knight Vision Tech, Noida, talked on 'Interaction with students on different events' to encourage them. Vote of thanks was by Dr (Mrs) Mukta Bhatele, Hony Secy of the Sub-Centre.

JAMMU

- The National Institute of Electronics & IT (NIELIT), J&K, Dept of Electronics & IT, MCIT, GoI and IETE Jammu Sub Centre, jointly organized a workshop on "**Intellectual Property Rights (IPR)**" on 26th Dec 2013. The Chief Guest, **Sh Bipul Pathak**, IAS, Commissioner Secretary IT and S&T, Govt of J & K; **Dr R K Raina**, Consultant, IIIM, Jammu; **Shri A H Moon**, Director NIELIT, J&K, **Prof (Dr) G M Bhat**, Univ of Kashmir and **Shri Joy Ganjoo**, Centre Chairman, delivered

their addresses on IPR. The participants included the senior officials from J&K Govt, President of Industrial Association (J&K), the Industrial fraternity of the State, Management and staff of NIELIT. Some other eminent persons included- Er. Vijay Sharma, Maj Gen S K Sharma (Retd), Dr Rakesh Vaid, Er Samir Sharma, Dr Pawanesh Abrol and other members of IETE Jammu Centre. The event was covered widely by the print and electronic media.



Participants of the workshop held on "IPR" by Jammu Sub-Centre

- The Centre celebrated **IETE Students' Day** at Govt Women Polytechnic, Jammu on 19th Feb 2014.
- #### KANPUR
- A lecture was delivered by **Dr Sanjay Kumar**, Physics Deptt, DBS Degree College, Kanpur, on "Demo on Some concepts of Physics", to celebrate **IETE Students' Day** on 02nd Feb 2014. He explained through low cost simple models, prepared by his team, that how one can visualize the theoretical concepts. The lecture was very educative and was appreciated by students and the members. **Dr Narendra Kohli**, Chairman, IETE Kanpur Centre, **Er B K Karmakar**, Past Chairman, IETE Kanpur Centre and **Er U S Yadav**, Hony Secy, of the Centre also addressed the audience.
 - An International Conference on "**Energy Efficient LED Lighting and Solar Photovoltaic Systems**" was jointly organized by IETE, Kanpur Centre & IIT, Kanpur, on 27-29 March 2014. The Conference was inaugurated by **Dr T Ramasami**, Secretary, Department of Science and Technology (DST). An Exhibition of working models was also organized, inaugurated by **Dr K L Chopra**, Padam Shri & Ex. Director, IIT, Kharagpur. About 400 participants from different Industries like Philips, Bergen, Fiem, Swelect, Komax Solar & Elcina Engineering Colleges of India & Govt Sector attended the Conference. Tutorial lectures of Industry experts & academics were also organized specially for ISF students on 26-27 March, 2014 with around 200 students. More than 200 papers & posters were received from India & abroad.

The Conference included a panel discussion on the topic "Role of Indian Manufactures on the Global Stage"; a laser show, a number of keynote addresses and invited talks. The conference was well appreciated and won many accolades.

- **Dr S Pal**, President IETE, met the Exec Comm Members of the Kanpur Centre on 12th March 2014 at IIT Kanpur.

KOCHI

- A national level **Faculty Development Programme** on Or CAD, MATLAB and DSP Processors, inaugurated by **Dr Nisha Kuruvilla**, Assoc Prof & HOD in Charge, ECE Dept., College of Engineering, Chengannu, was organized by Saintgits College of Engg, Kottayam (Kerala) in association with IETE Kochi Centre from 2-9 Dec 2013. **Dr M C Philipose**, Principal, Saintgits College of Engg, Kottayam presided over the meeting. The workshop on Matlab was conducted by **Shri Arun Raya** and **Shri Sathesh N**, Coreel Technologies, Bangalore. **Dr M V Rajesh Maliyekkal**, Member – IETE Ex- Committee Kochi & Principal, Illahia School of Science & Technology, Muvattupuzha, delivered a talk on "**Introduction to DSP, Fourier Analysis and Filters**".
- A two day National Conference on '**Recent Trends in Electronics Communication and Signal Processing (CECASP-2013)**' was organized by Dept of Electronics, Sree Ayyappa College, Eramallikkara, in association with IETE Kochi Centre on 20th & 21st December 2013 and was sponsored by UGC. The inaugural function was presided over by the Principal, **Prof S Lekha**. **Dr M V Rajesh**, Principal, Illahia School of Science & Technology and Member IETE, delivered the keynote address. The academic and technical sessions were chaired by eminent persons -**Prof (Dr) K Vasudevan**, CUSAT; **Prof (Dr) M V Rajesh**, Principal ISSAT; **Shri Jerin Antony**, Rajagiri School of Engg & Tech; **Prof (Dr) M Sathyanarayana**, **Prof (Dr) Praveen N**, NSS College, Rajakumari etc. The keynote addressee was **Prof (Dr) N Rajsekharan Pillai**, Principal Secy, Dept of Science &

Technology, Govt of Kerala, who presented the Best Paper Award to **Dr Laila D**, Associate Professor, Model Engg College for her paper "**Mobile Antenna Operating at GSM Band with Less Radiation Towards Single Quadrant**".

- An invited talk on '**Indian Democracy**' by renowned Journalist, **Shri Thomas Mathew** was arranged during the celebrations of **IETE Students' Day** on 1st Feb 2014. In the question-answer session, held for the benefit of participating students, it was assured by Dr R Gopika Kumari, FIETE, that the difficulties of IETE students would be looked into with suitable assistance from Centres for - getting suitable jobs after passing IETE Exams; attending 'Lab Training' being conducted at Engg Colleges and on the difficulty of exorbitant fees being asked for undergoing the training. Cultural activities such as music, skit, solo and group dances were presented by students after lunch.
- The national conference on "**Wireless Communication, Microelectronics, and Emerging Technology (NCWICOMET' 14)**" was held on 4th-5th of Mar 2014, conducted by the ECE dept of Toc H Institute of Sci & Tech. The Chief Guest, **Shri V Raghunandan**, Dy Dir General, Telecom Enforcement, and Resources & Monitoring Cell (Kerala) Dept of Telecommunications, GoI, inaugurated the conference and delivered his address on "**The Wireless Radiations and its Effects**". **Shri C K Haridas**, Chairman, SIC, IETE, delivered the key note address. The function was presided over by the President and other Board of Directors of Toc H Public School Society. Various aspects of Signal Processing, VLSI and Embedded Systems, Computational Intelligence, Communication and Networks were taken up in the discussions. The WICOMET'14 saw a blend of competitions and technical sessions, alike. There were papers presentations for UG and PG on various emerging fields and robotic competitions-ROBO RUSH and HIKE. Technical sessions included the present Trends in Wireless Communication and Signal Processing by industrialists and academicians. The competitions turned out to be very interesting and received positive criticisms from different spectators and evaluators. A technical session by **Shri Kannan Babu**, Lead Wireless Infrastructure Architect, Intel Bangalore on "**Cloud Evolved Packet Core**", educated on the explosive growth of the wireless technology. The speaker encouraged the students to take projects in wireless technology. This session was followed by yet another stimulating technical talk from **Shri V V Pathy**, Business Development Manager Agilent Technology, on "**Wireless Market -Indian & Global Scenario**", where he spoke on paradigm shift taking place in education sector and informed about other various campus connect programmes initiated by Agilent Technologies, Bangalore. On the second day there was a very thought-provoking session on "**Multi-rate Signal Processing**" by **Prof**



Lighting of the inaugural lamp by the dignitaries during National Conference on "Recent Trends in Electronics Communication and Signal Processing" at Kochi.

(Dr) Elizabeth Elias of NIT Calicut. NC-WiCOMeT'14 conference provided a sturdy platform to an extent possible & helped the participants expand their horizons in recent trends in engineering through various activities. The conference received many positive remarks from the invited guests and was a grand success.

KOLHAPUR

Celebrating the **IETE Students' Day**, the Sub-Centre organized an expert lecture on "**Research- Quest for Truth**" at Sanjeevan Engineering & Technology Institute, Panhala, on 1st Feb 2014. This function was inaugurated by the Chairman, **Dr Vikram S Patil**. The Chief Guest of the function **Dr R S Patil**, New College, Kolhapur. There were around 150 students (II & III year) who attended the lecture on the "Evolution of Research". The expert lecture was co-ordinated by Shri V S Mane and Shri S P Patil, HoD, E&TC and Shri Vanmore together with all E&TC staff.

KOLKATA

- **19th Sir J C Bose Memorial Lecture** was delivered by **Dr Subrata Gupta**, IAS, Jute Commission, Ministry of Textile, Govt of India, Kolkata, on the topic "**Today's Fiction, Tomorrow's Reality, Technologies that will transform our lives in the Century**", on 30th Nov 2013 at auditorium of Techno India University, Kolkata. The luminaries present on the occasion were: **Dr S Pal**, President, IETE, **Prof A R Thakur**, Vice-Chancellor of Techno India University, **Shri S C Rudra**, Centre Chairman, who highlighted the life sketch of Sir J B Bose. **Dr S Pal** accentuated the Sir J C Bose's outstanding contributions in the field of Radio and especially for the millimeter wave. Around 200 participants from different organizations, engineering colleges attended this function.



President IETE, Dr S Pal presenting a silver salver to Dr Subrata Gupta, IAS, Jute Commission, Ministry of Textile, Govt of India, Kolkata, the Speaker of 19th Sir J C Bose Memorial Lecture

- The **IETE Students' Day** on 01st Feb 2014 was celebrated by arranging two technical lectures and a quiz competition. First technical lecture regarding the need of spreading computer and information technology awareness was delivered by **Prof J K Mandal**, Ex-Dean, Dept of Computer Science, Kalyani

University. Another lecture was by the Chief Guest **Dr B K Mukhopadhyay**, Principal, IIMS, on Computer and Information Technology, as added value to work. Others presented were- Gp Capt (Retd) T K Ray, FIETE; GP Capt (Retd) Manas Mukutmoni-FIETE; Shri H N Pradhan-FIETE and Shri D Majumdar, MIETE. A quiz on different subjects like Computer, IT and Electronics was conducted with 8 teams from different colleges across the state. All the participants were provided with the certificates.

- Industry Institute Partnership Cell of Techno India, Kolkata, organized a workshop on 29th Mar 2014 in association with IETE Kolkata on "**Document Security**" and "**Telecommunication Networking**", graced by **Shri S C Rudra**, Chaiman, IETE Kolkata Centre as the Chief Guest. **Prof (Dr) J K Mazumder**, Dean CSE Kalyani University and **Shri S Banerjee**, CEO Welkin Infrastructure Ltd, Kolkata, also graced the occasion with their benign presence. Prof Mazumder discussed at length the modern electronic security measures of documents and Shri Banerjee spoke about various networking elements of present-day telecommunication systems.

KOZHIKODE

The National Seminar on "**Cloud Computing**" organized on 22nd March 2014, was attended by teachers of more than 50 engg colleges of Comp Sci & EC Dept from the region, 50 PG students and Research Scholars from in and outside Kerala. **Shri C K Haridas**, Chairman SIC, IETE New Delhi, inaugurated the function and it was chaired by **Dr P Janardhanan**, Chairman, IETE Kozhikode Sub Centre. **Dr V B Panicker**, Past Chaiman IETE Kozhikode Sub Centre & **Prof Pratap G Nair** the Hony Secretary addressed the august gathering. Fellow Members -**Dr K K Devadasan** and **Dr Abraham T Mathew**, were felicitated. The inaugural session was concluded with vote of thanks by Shri Rajesh R, Convener of the seminar. Following the Inaugural session, the keynote addresses were on : Cloud Computing by



National seminar on "Cloud Computing" in progress.

Dr Madhu Kumar S D, HOD, CSE, NIT Calicut, who highlighted features of Cloud Computing, its prospects and challenges. In the afternoon session there were three presentations, by **Shri Krishnan Chittur**, Senior Software Engineer, Microsoft, **Shri Babu Appat**, Resource person, University of Calicut, and **Shri Harikrishnan G R**, Assist Prof, CSE Dept, MES College of Engg, Kuttippuram. All the registered participants were given certificates.

LUCKNOW

A symposia-2014 on "**Recent Trends in Information, Communication & Technology (RT-ICT-2014)**" was jointly organized by IETE Lucknow Centre and ISF of Amity School of Engg & Tech, at Amity University Lucknow Campus, on the occasion of **IETE Students' Day** on 1st Feb 2014. It consisted of two events, namely paper presentation contest and quiz competition for UG students of various engineering institutions located in and nearby Lucknow. The symposia was inaugurated by the Chief Guest, Honourable **Shri Shabbir Ahmad**, Ex. Dir, BSNL Board, in presence of esteemed guests- **Shri B B Lal**, Past Chairman IETE, Lucknow Centre, **Shri Satish Kumar**, GM, BSNL UP, East Telecom Circle & coordinator of Symposia-2014; **Shri Mahidhar Pant**, Dy Dir General (TERM), DOT; **Shri V K Jindal**, Ex Secretary, IETE Lucknow Centre, Members of Executive Committee of IETE Lucknow Centre, **Prof STH Abidi**, Director, Amity School of Engineering and Technology, **Prof O P Singh**, HOD E&CE Department, Faculty Members and students from various institutions. The paper presentation and quiz contest were adjudged by the eminent technical personalities.

The winners of the paper presentation competition were: **Ms Varsha Uppadhyay & Ms Sakshi** from BBD University (first prize); **Shri Abdullah Sagir** from Rameshwaram Institute of Technology & Management, Lucknow (second prize) and **Shri Harsh Jain & Shri Eshan Kumar** from Shri Ramswaroop Memorial College of Engineering & Management (third prize). The consolation prize went to **Ms Tanya & Ms Ayushi Agarwal** from Amity School of Engineering & Technology. In the quiz competition 53 teams participated in the first round and only 6 teams were selected for the final round. The first prize went to **Shri Saad Mohd Khan** and **Shri Virendra Pratap Singh** from AIMT Lucknow, second prize to **Shri Deepak Kumar Verma & Shri Abhinay Chauhan** from Amity University Lucknow Campus, third prize to **Shri Nishant Gupta** and **Shri Rajnish Pandey** from SRMGPC Lucknow. The consolation prize was won by **Shri Shankar Shanti & Ms Shivani Agarwal** from BBD University Lucknow. The event was covered by Doordarshan and was given place in the newspaper 'Dainik Jagaran.'

MANKAPUR

IETE Mankapur Centre celebrated "**IETE Foundation Day**" on 7th Nov 2013, together with conduct of a seminar on "**Internet a Vehicle of Mass Communications and Its Impact**". The Chief Guest for the occasion was **Shri Pradeep Pande**, Unit Head ITI

Ltd, Mankapur. Others present were **Shri S C Yadava**, Centre Chairman; **Shri P K Srivastava & Shri Prashant Kumar**- Past Chairmen; EC members, faculty, students and office staff.

MUMBAI

- IETE Mumbai Centre organized a special lecture on "**Project and Seminar – Why & How**" for the AMIETE & DIPIETE Students on 1st Dec 2013. The lecture was delivered by **Prof Smita Lonkar**, Vice Chairperson and **Shri Parag Walinjkar**, Hony Secretary, IETE Mumbai Centre and aimed at giving an overview of the requirements of evaluators for project and seminar.
- A technical lecture by **Dr Zafar Taqvi** on "**Satellite Communication**" was organized jointly with IEEE Bombay Section on 18th Dec 2013 at the behest of **Dr P B Parikh**, DF IETE, who informed about Dr Taqvi's achievements to the audience. **Dr Taqvi** in his address, explained about the dynamics of Satellite, its appearance, types and usefulness to the mankind. Giving an overview on brief history of satellites communication, he highlighted India's achievements in the field of building Satellite at its own at much cheaper cost. He hailed India efforts for sending satellite in the orbit beyond the moon, where some countries including China have failed. Question answer session was followed by presentation of mementoes.
- The 3rd **Dr P B Parikh Endowment Lecture** was organized at IETE House, Mumbai, by inviting the Guest speaker, **Dr Vivek Agarwal**, IIT Bombay on Jan 22, 2014. The Guest Speaker and Dr P B Parikh, DF IETE, were warmly welcomed by the Centre. Dr Parikh's address took the audience to a past glorious history of Mumbai Centre and bared his alliance with the Centre. Dr P B Parikh was facilitated by the Centre Chairperson, **Dr Ashwini Kunte** on the occasion. The speaker **Dr Vivek Agarwal** spoke on "**Certain Electronic Application to Space and Defence**" and gave a brief overview of the ongoing activities in electronic systems and power electronics at Applied Power Electronics Lab, IITB. His lecture presented and described some recent developments related to applications in space and defence systems. For details the speaker can be contacted at agarwal@ee.iitb.ac.in.
- This year Centre organized a special program for women during **IETE Students' Day** on 1st Feb 2014, in which the Guest speaker **Dr Archana Sharma**, BARC, spoke on "**Women in Engg**". The other dignitaries present were: **Dr K T V Reddy**, West Zone Coordinator; **Shri G H Joshi**, Vice Chairperson, **Shri Parag Walinjkar**, Hony Secretary, **Shri N K Karnani** IETE Alumni and **Shri K P Kumar**, Co-opted member of IETE Mumbai along with about 30 students. **Dr Archana Sharma** in her address mentioned the female achievers in the engineering field and about the difficulties of a career-oriented woman in the sector. She urged the girl students to show

courage, fight the situations to motivate women in education. IETE Alumni, **Shri N K Karnani** was felicitated on this occasion by Shri G H Joshi, Vice Chairman IETE Mumbai. The students voted for Best Poster of OSCILLATION-2014 from the entries received by the Centre. In the technical quiz the first prize was won by **Shri Satish & Ms Hetal** and the second prize by **Shri Swapnil**.

- A lecture on "**Parameters and Techniques of Photography**" was delivered by **Shri Sudheer Agashe**, Nature Photographer, on 29th March 2014 at the Centre, who elaborated on evolution of technology in camera, new techniques and its various functions and explained how a nice picture could be taken with an ordinary camera through sheer skill and technique.

MYSORE

A three-day zonal level **Faculty Development Programme** on "**MATLAB**" was organized by Dept of ECE, in association with IETE Mysore during 6-8 Jan, 2014, coordinated by **Prof S R Bhagya Shree**, Head, **Prof Yathisha L & Prof Guruprasad K N**, Asstt Prof of Dept of E&C. The program was inaugurated by **Prof N S Anantharaman**, Centre Chairman; **Prof M J Sampath Kumar**, Hony Secretary; **Prof S R Bhagya Shree**, Head, Dept of E& C; **Prof Veerendra Kumar M S**, HOD, Dept CSE, ATME and resource person **Dr Chandrashekhara M Patil** were also present. About 40 participants from various institutions and research centers attended this three days programme. The programme consisted of a basic introduction about MATLAB, image processing techniques as well as applications. The valedictory function was presided over by **Dr L Basavaraj**, Principal ATME Mysore.

NAGPUR

- The Centre, organized the **IETE Students' Day** on 1st Feb amid engineers, senior members and college students with **Shri D S Kulkarni**, Principal, Govt Polytechnic Nagpur as the Guest of Honour. **Shri R V Yenkar**, Dy Secretary MSBTE, was the Chief Guest, who appealed the students in his address to save electricity & natural resources. Dr B P Joshi, Hony Secy of the Centre read out the message of the President, IETE. **Dr M U Deshpande**, Centre Chairman, presided over the function and highlighted the importance of continuing education in order to achieve different skills. In the paper presentation competition, organized by the Centre, on Information Security, 4G technology & eWaste management, the winners were: **Anagha Ganu** from Cummins College of Engg, sharing first prize with **Samruddhi Joshi & Pranjal Dixit** from Govt Polytechnic, Nagpur, whereas **Sakshi Gajbhiye & Bhakti Jahagirdar** from Shri Dutta Meghe Polytechnic, Nagpur, bagged the second prize. **Miss Melvina** from St Vincent Palloti College was placed at third position.
- As per old tradition, a program of oration in the remembrance of **Dr P K Kapre**, the first fellow and chairperson of IETE Nagpur Center was held on 2nd April 2014. This year **Dr Narendra Choudhari**, Director VNIT, Nagpur, was the

speaker of **Late Dr P K Kapre Memorial Lecture**, who spoke on the "**Information Technology & Computer Science & Engineering: Megatrends**". He touched upon fields such as RFID tags, augmented reality, home security, smart appliances, soft computing, robotics etc and painted a wide canvas of IT, IT enabled services, computer technology by giving citations from various related technologies. **Dr M U Deshpande** delivered presidential address, stressing the importance of different IT & Computer science technologies for human life. **Prof D S Kulkarni**, Principal of Govt Polytechnic and Chief Guest of the function discussed importance of IT & Computer science in textile fields. **Dr M U Deshpande**, Chairman, IETE, Nagpur Centre presided over the function. Attended by more than 75 persons, including professionals from Computer & IT sector, Executive committee members of IETE Nagpur, Students, ISF coordinators and faculty.

NASHIK

IETE Students' Day was celebrated with full fervor at E&TC Dept of Karmaveer Kakasaheb Wagh Institute of Engineering Education & Research, Nashik on 1st Feb, 2014 amidst large number of faculty members and students. The function was headed by **Prof D M Chandwadkar**, Head of ET Dept. The Chief Guest **Shri Prathamesh Karmalkar**, MS- Intelligent Systems from University of Sussex, UK, delivered a technical talk on "IPR". The guidance was given by **Prof M D Kokate**, Centre Chairman and coordinated by Prof (Mrs) R V Chothe, Member IETE.

NOIDA - AMITY UNIVERSITY

- Amity Institute of Telecom Engineering and Management (AITEM) and IETE-Sub Centre, Amity University, Noida organized the **10th Annual National Telecom Seminar 'TELEFOCUS'** on the theme of "**Mobile Data Proliferation- Boon or Bane**" on 10th Jan 2014 at Amity Campus, Noida. **Dr Rahul Khullar**, Chairman, TRAI; **Shri Akhil Gupta**, Deputy Group CEO & MD, Bharti Enterprises;



National Telecom Seminar "Telefocus" held at Noida-Amity University

Shri Rajan S Mathew, DG, COAI; **Shri M L Gupta**, Vice President, IETE and **Dr Ashok K Chauhan**, Founder President, Amity Group inaugurated the Seminar. Welcome address to the august gathering was given by **Lt Gen P D Bhargava**, Group Deputy Vice Chancellor, Amity Universities & Advisor, AITEM. The Chief Guest, **Dr Rahul Khullar**, Chairman, TRAI, highlighted the issues faced by telecom sector in developed countries and pointed out the huge increase in demand for data. Outlining the challenges, he suggested having more 'freely available spectrum' in various bands to enable data growth; building of a core infrastructure to outreach and to increase the penetration of devices either through cheap mobiles or cheap tablets. For this, he said telecom companies & Govt have to come forward. Sharing the views, **Shri Akhil Gupta**, Deputy Group CEO & MD, Bharti Enterprises, pointed out the non favourable regulatory decisions that allowed a number of new entrants in the industry resulting in irrational competition. During this occasion, Amity Telecom Excellence Awards were conferred upon various Telecom companies for their excellent performance in 17 categories, which were received by CMDs/MDs/ Directors/Sr. VPs of the companies. The inauguration was followed by a panel discussion chaired by **Shri Rajan S Mathew**, DG, COAI.

- **IETE Students' Day** was celebrated on 07 Feb 2014 by organizing a Symposium/ on "**Information and Communication Technologies**" with an objective to explore advancements in the fields of Information, Communication and Networking Technologies and to provide a common platform to the students to share their research experiences and views. The symposium was inaugurated by **Prof R K Kapur**, Chairman, IETE Sub-Centre Amity University Noida, Head, AITEM, Amity University, Noida.

PALAKKAD

A quiz completion was conducted for the Palakkad students on the occasion of **IETE Students' Day** followed by cultural event, that included mono acts, kathak, group dance, folk song etc. The function was chaired by **Prof C Pradip**, Vice Chairman of the Centre, who read out the message by President on the occasion. **Shri P Babu**, Hony Secy, delivered the welcome address. **Shri C K Hairdas**, Chairman, Students Interactive Cell, cleared the status of IETE's recognition and the future plans to students. **Dr M A Sindu**, Medical Officer, Kerala Health Services, spoke on "**Adolescent Health and Life skills**". Prizes and certificates were distributed to the winners of the quiz competition and cultural programs.

PATNA

The distinguished guests present during the celebrations of **IETE Students' Day** at the Centre on Feb 01, 2014 were: **Dr Hari Sumiran Singh**, Centre Chairman; **Dr N K Goswami & Dr Arun Kumar**, Past Chairmen; **Dr Lalan Singh**, Immt Past Chairman,

Shri S P Vats, Hony Treasurer, IETE Patna Centre. A presentation was given by **Shri Mukesh Muni Raj**, AMIETE, motivating the newly enrolled students. The Centre also discussed the results of Dec 2013 Exams of students in the presence of office bearers, faculties and gave career counselling. The faculties congratulated the students for their good performances and encouraged them for better preparations next time.

PUNE

- IETE President, **Dr S Pal** along with the office-bearers of IETE Pune Centre visited the IETE Nashik Sub- Centre on Jan 24, 2014 to get to know the working of the subcentre, where he was given warm welcome by the Chairman, **Prof M D Kokate** of the Sub-Centre, **Shri S A Bhadare**, **Mrs Apurva Jakhadi**, **Prof Chandwadkar** & others. Dr S Pal addressed many challenges associated with the Sub-Centre and advised for vigorous membership drive as a best way to proceed. On 26th Jan, Dr Pal hoisted the Indian tricolour at IETE Pune Centre.
- **Dr Pal**, President IETE met **Dr Prahlada**, Vice Chancellor, Defence Institute of Advanced Technology, (DIAT), Deemed University, Pune on 25th Jan, 2014 to discuss on the possible tie with DIAT, Pune, particularly in respect of the admission of Grad IETE graduates at post-graduate level at DIAT. Dr Prahlada was very positive and indicated on collaborative programmes like dual degree, P G admission and research facilities subject to the fulfillment of the deemed University rules and regulation presently in vogue.
- The 2nd Issue of **IETE National Journal of Innovation & Research**, Vol 1, Issue 2, was released by **Dr S Pal**, President IETE on the same day, i.e, 25 Jan 2014 amid authors, reviewers, guides, who were facilitated on the occasion. Others present were: Dr G S Mani, former Dean of Institute of Armament Technology; Dr AS Tavildar, etc. The President met the students and LEC members of Pune Centre and the



The 2nd issue of IETE National Journal of Innovation Research, being released by President IETE at IETE Pune Centre

progress made by various ISF chapters was presented to him. Prof Jog, Shri Dawara, Prof Khedkar, Prof S V Kharkar, Prof M G Gokhale, Shri R V Datar, Prof S K Kshirsagar, Prof Vanarase, Prof Bhalke, Prof Tade, Prof P H Patil were also present with the students. President IETE in his address emphasized on the need of the proposed IETE University at Manipur in the North Eastern part of the country to ease out the problem of equivalence and affiliation of IETE Courses; tie-ups with different technical universities, whenever possible; more dual degree programmes by IETE; journals on RF technology & recent trends in ICT and undertaking of vigorous membership drive. The difficulties of students were addressed that included-conducting of re-examination, rearranging the examination time-table, elimination of students during interviews due to non-recognition of courses, procedure for rechecking of answer papers, allotment of project guides by IETE centres, securing admission in recognized Universities after IETE. Dr S Pal, patiently assured that student-centric decisions would be taken subject to the rules and regulations of IETE.

- On 1st Feb 2014, the Centre celebrated **IETE Students' Day** by forming **IETE Women Engineers' Cell** and by organizing **ISF Award Ceremony** for the year 2013-14, attended by a large number of enthusiastic student representatives, ISF coordinators, invited guests and EC Members. The Centre Chairman in his address highlighted various yearly activities that were undertaken by Centre. The message from IETE President was read by Prof P H Patil. **Ms Leena Bokil**, who was unanimously chosen as the Chairperson of IETE Women's Cell at the Pune Centre, motivated the women engineers in her address by equating them to their counterparts and referred their excellence in fields like IT, missile and aerospace engineering etc. Hailing the endeavour of formation of Women Engineers' Cell at the Pune Centre, she said it would open a broad spectrum of activities for women engineers to showcase their talent. The women faculty representatives, namely **Prof Archana Deshmukh & Prof Savita Atul Itkarkar**, Bharati Vidyapeeth's College of Engg for Women, AISSSMS College of Engineering, Indira College of Engineering, expressed their views on the role of women in the field of engg and technology and opined that formation of this cell was a humble attempt to make a difference in young, budding women engineers. The speeches by student representatives of participating ISF forums of different colleges were a revelation of the maturity and clarity of thoughts of the young generation, who could shoulder the responsibility of nation building. The ISF coordinators of participating colleges briefed the audience about their ISF activities. The ISF awards for the year 2013-14 were received by the ISF coordinators along with student representatives of Bharati Vidyapeeth's College of Engineering for Women, Pune (1st Prize); AISSSMS's Institute of Information Technology, Pune

(2nd Prize) and Indira College of Engineering, Pune (3rd Prize). The Prize for encouragement went to Pimpri Chichwad College of Engineering, Pune.

RAJKOT

Celebrating **IETE Students' Day**, the Centre organized a quiz contest on current topics, debate discussion on "**Internet – Boon or Curse**" and an industrial visit to Power Electronics, Rajkot, on 2nd Feb 2014. The welcome address was by Shri V M Patwari, Senior Corporate member. **Er C M Devani**, Centre Chairman enlightened about the history of IETE Rajkot Centre. He informed about the awards and other scholarships available to IETE students by HQ. Ms Ameer Daiya, Centre Executive member, read out the President's message. Shri Paresh Gosai, IETE Member handled the contest programme with his skill and communication. During Industrial visit Er R C Lalani, MD & Owner of the company along with Er Dhaval Lalani arranged for students & members visit to each phase of their production unit, in batches, with suitable enlightenment. All the participants were presented the certificates & prizes from the Centre.



Students discussing over the project during Contest

SIVAKASI

- The Centre organized the **Fifth Techno Blaze**, a lecture cum Group discussion on 21 Feb 2014, presided over by **Dr R Shantha Selva Kumari**, Chairperson, IETE Sivakasi Centre. The speaker **Shri J Senthil Kumar**, Asstt Professor, Dept of ECE, Mepco Schlenk Engg College, delivering the lecture on "**Virtual Prototyping and Hardware in the Loop Simulation**" and said that a virtual system can be used as a virtual prototype in place of a physical prototype for training and testing purposes requirements and emphasized its need in engineering studies. He explained about the System Design with Virtual Prototyping and Hardware in the loop simulation testing and also discussed the conditions, usage, real time fault diagnosis and application using hardware in the loop.

- The Centre organized a **Blood Donation Camp** jointly with National Service Scheme of Mepco Schlenk Engg College, Sivakasi & Govt Hospital, Sivakasi, on 15th Mar 2014. About 250 active volunteers participated in the camp and donated their blood as a part of service to the society. The camp was inaugurated by the Principal & Past Chairman of IETE Sivakasi Centre. The hospital staff assisted the volunteers in this noble task.
- A two-day technical seminar on "**Bio-Medical Signal/ Image processing for diagnoses of Diseases**" was organized on 14-15 March 2014. The Chief Guest, **Dr (Prof) R Sukanesh**, Thiagarajar College of Engg, Madurai, in her inaugural speech cited the importance of Bio-Medical Signal/ Image Processing in diagnoses of diseases thus helping the society. The seminar had 6 technical sessions, viz. Tech-I on "**Contemporary Trends in Bio-Signal Processing & Its Applications**" by Dr R Sukadesh, Prof Thiagarajar College of Engg, Madurai; Tech-II on "**Vision & Imaging – A Technology Over View in Bio-Medical Applications**" by Shri S Sukumar, Dir, Onlines Solutions (Imaging), Pvt Ltd, Chennai; Tech-III on "**Computerized Diagnosis System for abnormality detection in MR brain Images**" by Dr D Selvathi, Prof, Mepco Schlenk Engg Collge, Sivakasi; Tech-IV on "**ECG Signal Processing Using Wavelets**" by the Chairperson Sivakasi Centre, Dr R Shantha Selva Kumari; Tech-V on "**Bio-Signal Processing Techniques for Diagnosing diseases**" by Dr N Kumaravel, Prof Emeritus, Centre for Medical Electronics, Anna Univ, Chennai and Tec-VI by Dr R Murugesan, Dir, Faculty of Allied Sciences, Chettinad Academic Research & Education, Chennai on "**Impact of VLSI Technology in Medical Image Acquisition and Processing**". Certificates were issued during valedictory session of the seminar.

SHIMOGA

A two-day workshop on "**Android Applications Development**" was jointly organized with COSMOS –Computer Science Dept Forum of JNNCE & IEEE Students Chapter, JNNCE. The workshop was inaugurated by **Dr R Srinivasa Rao Kunte**, Principal, JNNCE. Dr S N Jagadeesha, HOD, CSE and Chairman, IETE Shimoga Sub-Centre and Prof H K Harish, Hony Secy, were also present during the occasion. **Shri Amith Kumar Gundad**, Software Engineer, Intuitive Technologies, Google certified Trainer, was the resource person. It was a hand on course for which the speaker gave a convincing presentation on the need & the significance of developing Android applications followed by installation instructions using emulators, working on some basic Android projects like display, widgets and calling intents in Android. The notifications, toasters, animations, location finders and other useful facilities of Android were also explored with

development and demonstrations on the device. In the second day more useful constructs like dialong boxes, Alerts, Hard and server side interaction with PHP was also explained. This was followed by interesting projects like Timers, SMS Send and Publishig Android Apps in the Android market. The session concluded with giving an interesting assignment to teams of two members and expected to complete within a month, it was planned to launch the apps as JNNCE App Club published in Android market.

TRIVANDRUM

- **IETE Students' Day** was celebrated on 01 Feb 2014 with the participation of 116 students along with Centre Chairman, **Shri R P Nair**; Hony Secy, Shri N A Abraham; Academic SubCommittee Convener, Shri Gireesh Kumar; EC Members Smt K M Suhara; Shri M R Radhakrishnan; Shri P R Madhu and other IETE members. Competitions were held on essay writing, arts and quiz for the students. **Shri J T George**, FIETE, presented a technical paper on "**Recent techniques in rocket propulsion**". **Shri Dani** together with **Miss Sajana Rehman**, HR section, NEST, gave tips on "**How to face an interview**". This was followed by an Open Forum for the students, where they raised a lot of doubts regarding the recognition status and various matters like revision of syllabus, curriculum etc. Finally a meeting was held presided over by Chairman, wherein the Hony Secy read out the message from President IETE. The Chairman centered his talk on the activities beneficial for the students. Certificate, trophy and cash awards were given for the best projects during 2013-14 in Electronics to **Shri Chandrasenan SM 220001** and in Computer Science to **Shri Suryanarayanan SM 220306**. The certificates and trophies were also distributed to the winners of other competitions.
- A one-day national seminar on "**Latest Trends in Wireless Communication and Digital Broadcasting**" on 15th February 2014. Shri K J Chacko, ITS, Retd CGM BSNL) Technical Sub-Committee Chairman, welcomed the house.



A view of the dais during national seminar on "Latest Trends in Wireless Communication and Digital Broadcasting"

Shri MSS Rao, ITS, CGM Telecom, BSNL Kerala Circle, inaugurated the seminar and the session was chaired by **Shri R P Nair**, Centre Chairman. **Shri Raju Varghese**, DDG, Dooradarshan and **Shri N A Abraham**, Hony Secy, spoke on the occasion. The technical sessions covered were: "Digital Content Management in Television Broadcasting" by **Shri A G Baiju**; "Digital Satellite Broadcasting" by **Shri K Radhakrishnan**; "Digital Broadcasting" by **Shri K N Gopalakrishnan**; "Secured Under Water Wireless Communication Networks" by Dr P Murali Krishna, "5G-Mobile" by **Dr Albert Singh**. About 65 delegates attended the seminar from BSNL, VSSC and various other organisations. It was followed by a valedictory function.

- The **6th Dr V P Kulkarni Memorial Lecture** was delivered by **Shri Satish Babu**, Director ICFOSS, Govt of Kerala, on 31st March 2014. His talk was centered on open source software related to Internet working. The Chief Guest on the occasion was **Shri C K Haridas**, who cleared a number of doubts raised by the students. 150 students, EC members and members participated in the programme. **Shri C K Haridas**, **Shri K J Chacko**, **Brig (Retd) M K Sasidharan** and **Shri J T George** were honoured by the Guruvandanam students of IETE.

VIJAYAWADA

"A Student Technical Paper Contest-2014" was organized by the Centre to celebrate **IETE Student's Day** on 2nd Feb 2014. A total of 11 Engg Colleges in the jurisdiction, participated and about 52 students submitted their research papers/articles. **Er B RajasekharA**, Prof ECE, Gudavalleru Engg College, Gulavalleru and **Er K S R Sastry**, Asstt Professor, ECE, Andhra Loyola Inst of Engg and Tech, Vijayawada, were the judges. The Chief Guest, **Er Dasari Rama Krishna**, Past Centre Chairman & Immdt Past Chairman, IEI, Vijayawada Local Centre and MD, Efftronics Systems Pvt Ltd, Vijayawada, requested to develop additional skills apart from class room knowledge, which could help them to grow and meet industry requirements. The two alumni students from IETE Vijayawada Centre, **Er D Srinivasa Rao**, Support Engg, R&D Dept, M/S Efftronics Systems Pvt Ltd and **Smt T Indira**, Sir C R Reddy College of Engg, Eluru, were felicitated on this occasion. Sri Vishnu Engg College for women, Bhimavaram & Gudlavalleru Engg Collge for women, Bhimavaram, bagged the best ISF's Awards. The cash prizes and certification of participation were distributed to all the participants. **Dr M Kamaraju**, Centre Chairman, in his address talked of the modulations in the syllabus for the industry need, display of question papers through online sources, holding of 1st Indian National Congress at BITS, Mesra, to students and emphasized on attaining good knowledge ,good character to grow into good human being.

Calender of Events

Subject	Date	Venue	Contact
46th World Telecommunication and Information Society Day	17 th May 2014	IETE Delhi Centre/HQ, 12/1 Institutional Area, Pankha Road, Janakpuri, New Delhi-110058	Wg Cdr K C Bhardwaj (Retd) Chairman, IETE Delhi Centre; Ph 28521818; (N) 9873279796 Email: delhi@iete.org ; Website: www.ietedelhi.org
Zonal Seminar on " Future Trends in Communication "	Date awaited	IETE Jaipur Centre IETE Bhawan, 'D' Block, Shopping Centre, Malviya Nagar, Jaipur-302017	Shri Sanjay Kumar Chairman, IETE Jaipur Centre; (M) 09414001670 Email: ietejaipur@gmail.com
Workshop on Right to Information Act 2005	10-13 Jun 2014	Mussoorie	Shri Rohit Agarwal/ Shri Vivek Manchan da National Academy of Human Resource Development, 110, LGF, Golf Links, New Delhi-110003; Ph: 9873057803/9650745789 Email: rohit@nahrd.in , vivek@nahrd.in
IEEE International Conference on Microelectronic, Circuit and System(MICRO-2014)	11-13 Jul 2014	Purushottam Institute of Engg and Technology, Rourkela, Odisha	Chairman, IETE Kolkata Centre Ph: 033-23574290 Email: ietekol@vsnl.net ; Website: ietekolkata.org
57th IETE Annual Technical Convention (ATC)- ME Vision 2020	Date awaited	Venue awaited	Shri S R Aggarwal, Secretary General 2, Institutional Area, Lodi Road, New Delhi-110003, Ph: 011-43538821 Email: sec.gen@iete.org ; pr@iete.org ; Website: www.iete.org
5th International Conference- Confluence -2014	25-26 Sep 2014	Amity University Noida, UP	Prof(Dr) Abhay Bansal Amity School of Engineering and Technology ; E1 Block, Second Floor, Amity University Campus, Sector-125, Noida 201303; Tel. No.: +91 - 0120-4392487, 4392977, Fax No.: +91-0120-4392320; E-Mail: confluence2013@amity.edu Website: www.amity.edu/asetau/confluence2013

Celebrating IETE Achievers



Prof Bharathi Bhat (DF034797L) received school education in Shirva, Karnataka and BSc from St Philomena's College, Mysore University with second rank. With zeal in engineering, she pursued the BE program in Electrical Communication Engineering at the Indian Institute of Science (IISc), Bangalore. She graduated in 1963 and further

obtained ME in 1965, both with distinction. She then proceeded to Harvard University and completed her M.S in 1967 and PhD in Electromagnetics in 1971. Her experimental based doctoral work on 'Antennas in plasma medium' infused in her the confidence to do research independently. Dr. Bhat worked as a Post-doctoral Research Fellow in the 'Division of Engineering and Applied Physics' at Harvard University till Dec 1972.

In January 1973, Dr Bhat joined the Indian Institute of Technology (IIT), Delhi as an Assistant Professor in the 'School of Radar Studies' renamed 'Centre for Applied Research in Electronics (CARE)', that provided her with excellent opportunities to undertake and execute hardware oriented sponsored projects. As Professor since 1977, and later as the Head of CARE, she continued teaching, research and worked on sponsored projects in the area of Microwave and Millimeter Wave Engineering. She retired as Professor on superannuation in June 2003, but continued with teaching and research till she left IIT Delhi in March 2006.

During her stay at IIT Delhi, Dr Bhat published several books in her field of research: *Stripline-like Transmission Lines for Microwave Integrated Circuits* (Wiley Eastern Ltd., 1989); *Analysis, Design and Applications of Fin Lines* (Artech., 1987); *Microwave and Millimeter Wave Phase Shifters, Vol. I- Dielectric and Ferrite Phase Shifters*; and *Vol. II - Semiconductor and Delay Line Phase Shifters* (Artech, 1991); *Finline*

CAD for DOS-Analysis and Design Software for Millimeter Wave Integrated Circuits (New Age International, 1996) and *CAD of Millimeter Wave Fin Lines- Analysis and Design Software for Windows* (New Age International, 1997). She transferred major technological know-how on several millimeter wave (Ka-band) components based on fin-lines and suspended stripline technology, and on three different ferrite phase shifters two of which have been mass produced for the Phased Array programs of the DRDO.

MESSAGE from Prof Bharati Bhat :

With the proliferation of multi-disciplinary areas under the broad umbrella of 'Engineering' in recent years, girls are increasingly opting to join Engineering Colleges and then take up engineering profession.

The traditional myth that 'Engineering is not meant for women' does not exist anymore. I instead, I see undifferentiated opportunities for young women who are ready to take up the challenges and put their potential capabilities to work. I am happy to know that IETE has initiated a new Committee on 'Women Empowerment in Engineering'. I wish this Committee every success in empowering women students and professionals so that they make growing and quality contribution to 'Engineering'.

Dr Bhat received eight national awards: *Ram Lal Wadhwa Gold Medal* (1983) from the Institution of Electronics and Telecommunication Engineers (IETE), and *Vikram Sarabhai Research Award* (1985), both for her contributions in the field of Electronics and Telecommunications; *S K Mitra Research Award* (1986) from the IETE for the best research paper; (4) the *Top Invention Award* (1991) of the *National Research Development Council* (NRDC) for her contributions to the indigenous development of ferrite phase shifter technology; *the First Prof K Sreenivasan Award* (1994) from the IETE for her excellent teaching in the field of Electronics and Communications; *VASVIK Award* (1994) for the development of Ka-band components and phase shifters; *Academy Excellence Award from DRDO* (1998) for her pioneering contributions to phase control modules for Rajendra Radar; and *Suman Sharma Award* (1998) from the Institution of Engineers (National Design and Research Forum) for her contributions to the advancement of Engineering Design in the field of Microwaves. In recognition of her contributions as a woman scientist to education, research, know-how development and technology transfer in the area of Microwave and Millimeter Wave Engineering, she was awarded *the Prof SK Chatterjee Award of the Indian Institute of Science for the Year 2010*.

Recognition of Courses of IETE

On account of Honourable Delhi High Court stay and also the para no 2 of MHRD order "All the students who are enrolled with the Institutions with permanent recognition upto 31/05/2013 would be eligible for consideration in accordance with MHRD office Memorandum/order in force pertaining to their course for equivalence in Central Government jobs. However, these concerned orders will cease to have effect from 01/06/2013 onwards", the recognition for students on rolls or passed out before 31 May 2013 is valid.

The Hon'ble Delhi High Court has granted stay till further order, however the admissions which are made will be subject to the final orders, which will be passed in the writ petition. Next date for completing the proceeding by Joint Registrar, Delhi High Court is 31st Jul 2014.

Awards and Distinctions



Dr S Pal, President IETE has been bestowed with the **Life Time Achievement Award** by the Vice Chancellor of Kalyani University, **Professor R Hanglu**, at 4th National Conference on Frontiers in Instrumentation, Control, Computer and Communication on Jan 10, 2014 at SKFGI campus, Mankundu, WB. Congratulations to Dr S Pal for his extraordinary contributions and leadership in the field.

Prof M Jagadesh Kumar (F125340) has been awarded the **Awards for Excellence** by IIT Delhi, for his outstanding accomplishments in teaching Electrical Engg (large class), for II Semester 2012-13. He was presented the award on the occasion of the Foundation Day function of IIT Delhi on 27th Jan 2014. IETE fraternity congratulates the Editor-in-Chief of IETE Technical Review, Prof M Jagadesh Kumar and wishes him the best in future.

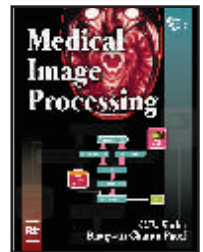


Dr Ghanshyam Singh (F146878L) working with the Dept of Electronics & Communication Engineering, Malviya National Institute of Technology, Jaipur, has been promoted to the post of Associate Professor, in Jan 2014.



Dr D Nirmal (M-215257) and ISF coordinator of Karunya University has received **Shri P K Das Memorial Best Faculty Award** of Nehru College of Educational & Charitable Trust in the Dec 2013 by the Vice Chairman, Prof H Devaraj, UGC.

Dr G R Sinha (F144461L) an author of six books including Biometrics: Concepts and Applications published by Wiley India, a subsidiary of John Wiley, ISBN: 978-81-265-3865-2 and Medical Image Processing: Concepts and Applications, ISBN: 978-81-203-4902-5, Prentice Hall of India, has published another book on "Medical Image Processing. It gives an overview of Medical Image Processing and research direction highlighting learning objectives and viable research outcomes.



Prof (Dr) Sreenivas Jog (F-174692) Chairman IETE Pune Centre, received his PhD in Electronics & Telecommunication Engg from Pune University. IETE congratulates Prof Jog on this distinction.

Shri S K Arora, IETE Hqs, was felicitated for his outstanding & valuable contribution of 5 decades to IETE, by President IETE, Dr S Pal, on 1st January 2014 at IETE Hqs.



OBITUARY

IETE fraternity expresses deep and heartfelt condolences to the bereaved families and joins in their prayers for the deceased. May the Almighty give their families strength and courage to bear this irreparable loss.

Brig P S Gill (Retd) (F000651) who valued his association with IETE and awaited avidly for the IETE journals, left for heavenly abode on 13 Mar 2014.

Shri W P Bhardwaj (F052981L), Chief Engineer Railway (Retd), Founder Member, Treasure & Chairman IETE Navi Mumbai Centre, passed away on 07 Jan 2014.

Shri Vimal Kajla (AM 100042 L) who completed his MTech from ECE, MNIT Jaipur, was a young, energetic and active member of IETE Jaipur Centre, passed away on Feb 17, 2014.

Report on 1st IETE Student Forum National Congress – 2014

To commemorate the Diamond Jubilee year of IETE, IETE Students Forum (ISF) at BIT, Mesra, Ranchi, organized IETE-National Student Forum Congress(NSC), a two-day extravaganza on 1st-2nd Feb, 2014. The NSC-2014 gave a unique opportunity to more than 200 students and scholars across the country to interact and acquire knowledge from various leaders of diverse technological fields and the top brass of IETE.

The event was marked by the presence of Honourable **Dr S Pal**, President

IETE, **Dr P K Barhai**, former

Vice-Chancellor of BIT

Mesra; **Shri M L Gupta**,

Vice President IETE;

Shri Manas R Panda,

the Chief Guest from

SAIL, Ranchi; **Brig**

(Dr) V D Abraham

(Retd), Vice

Chancellor Oriental

University, Indore;

Prof K Laxminarayana,

Chairman, M&CC IETE;

Shri S K Jha, Chairman, IETE

Ranchi Centre. During inaugural

ceremony Faculty advisor, **Prof Gauri**

Shanker Gupta delivered the welcome

address. The event was hosted by Ms Parul and Ms Shristi, II year students, BIT Mesra. As a token of appreciation, mementos were presented to the dignitaries and the executive body of ISF, BIT MESRA, which included Mr Priyank, Mr Shubham, Mr Vivek, Ms Rolie and Ms Tejaswi. The inauguration was concluded with vote of thanks by Mr Priyank Khaitan, President, ISF, BIT Mesra. It was followed by the 1st event- ICEBREAKER in which the students from different institutions including NIT Rourkela, NIT Jamshedpur, BIT Mesra, BIT Jaipur, BIT Deogarh and

Annamalai University C V Raman College of Engineering and various other colleges were divided into groups so as to increase interactions. A guest lecture from **Dr S Pal**, was delivered to the students regarding the Chandrayaan project. He gave an insight into the intricate details of the project and left the students mesmerized. Next, there was a workshop from **Texas**

Instruments & Cranes Software regarding

Analog System Design. A cultural

programme was organized by the

talented members of Music

Club, BIT Mesra, that

included performances

from Anadi, Kuma

Vaibhav and other

talented members.

The students

interacted with the

dignitaries who came

for the NSC and ended

with sumptuous dinner

at the Guest House. The

2nd day started with a

workshop by **Shri Pratyush**

Anand from ST Microelectronics

on Open Source Tools and Technologies

for Embedded System, followed by 2nd session of

Texas Instruments workshop covering the topics of real time

MCUs including control peripherals and Analog to Digital

Converters. **Shri Vishnu Dixit**, Divisional Manager of TATA

Motors, illustrated the role of electrical and electronics engineers

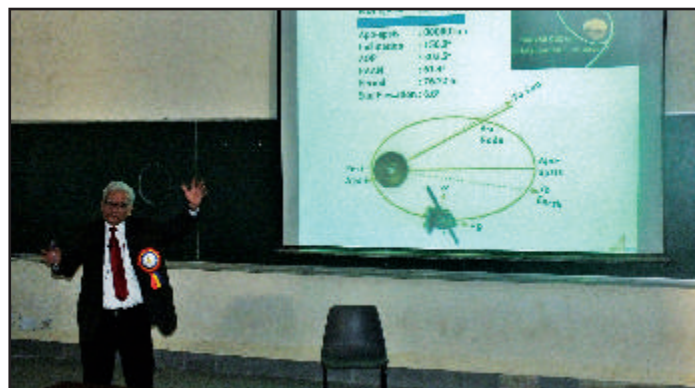
in automobile industries. At the end of the day, the participants

were given certificates. The overall programme of the first day

was successfully coordinated by the 2k11 members of the club

including Sharad, Pratyush, Manav, Vivek, Nikitha, Shruti &

Rashmi with full support from 2k12 members.



Dr S Pal, President IETE delivering the guest lecture during IETE Student Forum National Congress - 2014 at BIT, Mesra, Ranchi



A section of the audience

ISFs Activites

- **ISF at Joginapally B R Engineering College, Moinabad, RR Dist, Hyderabad,** was organized a seminar on "Improvvised Explosive Device" on **Aug 14, 2013** by Prof Kumara Swamy Rao, Ex-Director, DLRL, Chandrayan Gutta, Hyderabad. A guest lecture was organized on "Radar Systems" for B.Tech IV-Year students by Prof G Kumaraswamy Rao, Ex-Dir, DERL, DRDO, Hyderabad on **Jan 24, 2014**.
- **ISF at Adhiyamaan College of Engineering, Bangalore,** organized a two-day national level workshop on "MATLAB & VLSI DESIGN" on **Mar 24-25, 2014** graced by Wg Cdr HR Parthasarathy (Retd.), Governing Council Member, as the chief guest. Dr M H Kori, Governing Council Member delivered a guest lecture on the occasion. Another workshop on "MATLAB using Image Processing" was conducted on **Mar 27, 2014**, where in Prof H S Bhatia, Hony Secretary, IETE Bangalore Centre also delivered a technical talk on "Mathematical Foundation of Signals & Systems".
- **ISF at PRMIT & R Badnera, Amravati** conducted a number of useful technical activities this quarter, which include- a seminar on "Vivekananda and Gurushishya Parampara" by Shri Shyamrao Deshpande was organized on **Oct 3, 2013** for the students of Dept of ETE. Around 300 students participated in the seminar. Keeping in view the importance of the passport to students, a Mega Passport drive was organized on **Feb-Oct 08, 2013**. It also organized a Blood Donation camp on **Oct 8, 2013** with overwhelming response was received from the students and staff members. Overall 467 units of blood were donated. A Health Awareness camp for staff by Dr Awnash Saoji, Prayas foundation, was organized on **Dec 23, 2014**. A Guest Lecture on Embedded System Design by Talent Sprint Pvt. Ltd., Hyderabad was organized for third year students on **Jan 7, 2014**. A seminar on Electric Safety was organized by Mrs Ashwini Chaudhary, Dy Exe Engr, MSDCL, on **Jan 23, 2014**. A two-day workshop and national competition on "Advance Robotics using Image Processing" in association with IIT Guwahati was organized on **Jan 24 and 25, 2014**. 134 Students participated in the workshop. A national level Tech Fest "TECH-KNOW EXPERTS 2014" and Cultural event Aashayein 2014 was organized on the eve of IETE students day on **Jan 30, 31 and Feb 1, 2014**. Around 2500 participants participated in various events such as Paper Presentation, Robotics, Quiz, Box Cricket, Paint Ball and Blind C programming. The winners were awarded with fabulous awards. Students also actively participated in cultural events like Dance, Singing and Drama competition. The ISF a Guest Lecture on "How to Prepare for GATE" by Shri Vijay Aaglawe, Gate Forum for guiding the third year students.
- **ISF at Balaji Institute of Engineering & Sciences, Warangal,** conducted a two day workshop on "PCB Design & Fabrication" on **Jan 3-4, 2014**. The eminent persons present on the occasion were: Dr V S Hariharan, Principal, BITS, Narsampet, the Chief Guest; Dr A Rajendra Prasad Reddy, Chairman, & Shri A Ravi Chandra, CAO, Balaji Group of Institutions; Dr G Ramana Rao, Principal, Balaji Institute of Engineering & Sciences, Sri Tarun, Technical Incharge, PSG Electronics Pvt Ltd, Hyderabad.
- **ISF at K L University, Vaddeswaram, Guntur,** organized a guest lecture on "Low Power VLSI Design and Its Challenges" by Dr M Kamaraju, Chairman, IETE Vijayawada Centre on **Jan 08, 2014**. All the third year students were participated.
- **ISF at Karpagam College of Engineering, Namakkal,** organized a one-day workshop on "FPGA Programming" on **Jan 09, 2014**. The resource persons for the workshop were, Shri S Navaneethan, Senior Project Manager, Boffintech Technologies, Namakkal and Shri T Manoj Kumar Asst Prof, Dept of ETE, Karpagam College of Engineering. The workshop was organized to update the students with the knowledge of the latest developments in FPGA and recent trends in VLSI.
- The **ISF** activities of **Dr Sivanthi Aditanar College of Engg (Dr. SACOE), Tiruchendur,** conducted include- "Puzzle Contest" on **Jan 08, 2014**; "Debugging" contest on **Jan 09, 2014** "**Block and Tackle contest**" on **Jan 17, 2014**; Contest on "Logo Identification" **Jan 22, 2014**; "Web designing Contest" on **Jan 23, 2014**; Contest on, "Coding" on **Feb 06, 2014**. The participation was good in all the contests and resource persons were ingenious and capable. In some of the contests the winners were awarded.
- **ISF at Nandha Engineering College (NEC), Erode** organized an inaugural ceremony on **Jan 21, 2014** graced by the Chief Guest, Dr G Murugesan, HOD, ECE, Kongu Engineering College, Erode. Robo Club also organized some events on the occasion. A technical guest lecture was conducted on "Wavelet Transforms and Applications" on **Jan 24, 2014**, presided by the Chief Guest Dr C V Nagendhiran, Prof & Convener of Electrical Sciences, Kalaivani College of Technology, Coimbatore. On **Feb 01, 2014** an Academic Seminar and Industrial Seminar on "Intellectual Property Rights" and "Future Network Technologies" was conducted in the presence of Dr V Ashok, HOD/ECE; Dr R Nallusamy, College Principal; Dr S Arumugam, CEO of Nandha Educational Institutions. And the Chief Guests Dr A Amarkarthik, Assoc Prof, Dept of ME, Bannari Amman Institute of Technology, Sathyamangalam and Shri N Mahendran, Master Trainer (CISCO Network), The Rank Academy of Excellence, Erode. The 2nd National Level Conference "NCACIS'14" was held on **Mar 01, 2014** graced by Dr C Chellappan, Dean, College of Engineering Guindy, Anna University, Chennai, as the Chief Guest. A Seminar on "Students Development Programme" and Industrial Seminar "LabVIEW For Electronics Engineers" was conducted on **Mar 26, 2014**. Dr V Ashok, HOD, ECE, Dr R Nallusamy, Principal and Dr S Arumugam, CEO, Nandha Educational Institutions were the invited guests. Prof N Devaraj and Shri B Venkatesan delivered their technical talks.
- The 7th IETE Foundation Day was inaugurated by Dr Paulomi Vyas, Principal, BIT & Dr S K Agrawal, Dean, BIT on **Jan 21, 2014** at **ISF at Babaria Institute of Technology (BIT), Vernama**. It celebrated the Students' Day by conducting a technical quiz "Archenotronics" on **Feb 02, 2014**. An Industrial Visit was organized to Narayan Power Tech, GIDC, Vadodara on **Feb 17, 2014** for the benefits of II Year students.
- IETE Sivakasi Centre inaugurated **ISF at Mount Zion College of Engineering & Technology, Pudukottai,** on **Jan 27, 2014**. The Chairman, Mount Zion Educational Institutions, Shri Jayabarathan Chelliah presided over the function and delivered the keynote address. Other eminent persons present were : Director, Prof Jayson K Jayabarathan; Principal, Dr P Balamurugan; Dr R Shantha Selva Kumari, Centre Chairperson, Dr S Vincent Principal Technical officer, CECRI, Karaikudi.

- **ISF at Excel College of Technology, Salem**, was inaugurated on **Jan 31, 2014** by Dr G Murugesan, Chairman IETE Sub-Center, Salem, HOD of ECE Dept, Kongu Engineering College, Perundurai in the presence of Dr N Mathan Karthick, Vice-Chairman, Excel Group Institutions; Prof L Bharathi HOD/ECE, Excel College of Technology. Prof (Dr) A K Natesan, Chairman, Excel Group Institutions presided over the function.
- **ISF at Amrutvahini College of Engineering (AVCOE), Sangamner**, in association with IETE Subcentre, Nasik, organized "Quiz Contest" and "Robotics Workshop" on **Feb 1, 2014** to celebrate "IETE Students' Day". The contest witnessed 133 participants including about 103 entries for Quiz Contest and 30 entries for Robotics Workshop of other engineering colleges in Nasik & Ahmednagar & Pune Districts. The fund collected from Robotics workshop participants was donated to Sangram MukBadhir Vidyalaya Sangamner (deaf and dumb students School). The role & importance of such types of events in the techno social development of students was highly appreciated.
- **ISF at Srinivasa Ramanujan Institute of Technology (SRIT), Anantapur, AP**, celebrated the "**IETE Students Day**" on **Feb 01, 2014**. On this occasion paper presentation, essay writing and elocution for the members of IETE were conducted and prizes & certificates given out. Dr T V C Sarma Scientist F ,NARL and Tirupati Centre Hony Secretary, the Chief Guest, talked on "Innovation", while Dr S Varadarajan, Professor, SV University and Chairman, IETE Tirupaticentre, delivered lecture on "Software defined Radio".
- **ISF at Kamaraj College of Engineering and Technology (KCET), Virudhunagar**, celebrated IETE Students' Day on **Feb 01, 2014** by organizing a project exhibition for II, III and Final year participants. Winners were awarded with cash prizes and all participants with certificates.
- IETE Students' Day celebrations were held at **ISF of Mepco Schlenk Engineering College, Sivakasi** on **Feb 06, 2014**. On this occasion various events like, Technical Paper Presentation, Project Display, Circuitrix, Best Manager and Quiz were organized as part of the celebration. A workshop was conducted on "PCB Design and its Fabrication" during **Feb 18-20, 2014** for the II year ECE students. The resource persons were Shri K Gopalakrishnan, Asst Prof/ECE; Shri J Petchiraja, Technician/ECE; Shri E Karuppasamy, ECE and Shri S Kannan, ECE.
- **ISF at V V College of Engineering, Tirunelveli**, organized a talk by Dr N Nirmal Singh, HOD, ECE department, and Principal of the college, Dr P Melba Mary, to celebrate the event of IETE Student's Day.
- **ISF at Dhirajlal Gandhi College of Technology, Salem**, was inaugurated on **Feb 07, 2014** by Dr R S Sabeenian, Treasurer, IETE Salem Centre, Shri A P Sivaraman, Director, Sinetec Technologies Pvt Ltd, and Shri V S Ramesh, Steps Knowledge Services, Pvt Ltd, Coimbatore, were the Guests of Honour.
- **ISF at Bearys Institute of Technology, Mangalore**, was inaugurated on **Feb 08, 2014**. Eminent speakers on the occasion were: Prof H S Bhatia, Hony Secy, IETE Bangalore Centre; Prof C Murali, Ex Governing Council Member IETE; Shri K M Shetty, Addnl GM, BSNL Mangalore (Chief Guest); Dr S A Khan, Principal of Bearys Institute of Technology (BIT) and Dr S K Raikar, Founder-Principal of BIT.
- **The Dept of ECE at AVS Engg College, Salem**, organized a one day National Level Technical Symposium ENOVATE 2KE in association with IETE Salem Sub-Centre on **Feb 12, 2014**. Shri Nikhil Mathew, CIO, Buddies InfoTech, Pvt Ltd Chennai was the Chief Guest on the occasion. It organized a drawing exhibition in association with IETE on **Feb 19, 2014**. Where paintings of Shri N Tamilarasan, Head, Eranilam Magazine were displayed, creating a big awareness about deforestation.
- **ISF at Saveetha Engineering College, Chennai**, was inaugurated by Col K S Chakravarthy, Chairman, IETE Chennai Centre on **Feb 12, 2014**. Others present on the occasion were: Dr R Venkatasamy, Principal Saveetha Engineering college; Prof R Dheenadayalu, Dean; and Ms D Roshikka, IETE Coordinator, faculty members and students of ECE department.
- **ISF at Chiranjeevi Reddy Institute of Engineering and Technology (CRIT), Anantapur, AP**, was inaugurated by Shri D Rajagopal, Chairman, IETE Bangalore Centre on **Feb 13, 2014**., Dr K Lalkishore, VC, JNTU, Anantapur; Shri Chiranjeevi Reddy, Chairman, CRIT, Wg Cdr HR Parthasarathy (Retd), Governing Council Member were present during this occasion.
- **ISF at RPIIT, Technical Campus, Karnal**, was inaugurated by **Dr S Pal**, President IETE, the Chief Guest; Shri R P Singal, Chairman, RP Educational Trust & Presiding Officer of the Event and Shri R K Gupta, Immdt Past President, on **Feb 15, 2014** with the enrolment of 73 students and four faculty members with IETE. Dr Sorabh Gupta, Dir, RPIIT Technical Campus, delivered the welcome address. Dr Anil Jain, Chairman, IETE Ambala Centre highlighted the achievements of IETE Ambala Centre in a short span of time. He desired for opening a new IETE Center at Karnal in collaboration with RPIIT Technical Campus. Shri R K Gupta spoke on the need of establishment of relationships of IETE with technical institutes. Dr Pal stressed on the understanding of information and communication technologies and enlightened the audience with his wisdom outcomes. Wavelength: The inhouse journal of IETE Ambala, Vol. 03, No.2 was then released by the Chief Guest. The Chief Guest honoured Dr Anil Jain with IETE Diamond Jubilee Merit Excellence Recognition Award for his remarkable achievement in the foundation and leverage of IETE Ambala Center. Then Chief Guest presented a self signed IETE Memento to Sh R P Singal and Dr Sorabh Gupta.
- **ISF at DADI Institute of Engineering and Technology (DIET), Anakapalle**, arranged a guest lecture on Basic VLSI Design by Dr K Babulu, Prof & HOD of Dept, ECE, JNTUK, on **Feb 15, 2014**.
- **Dr Navalur Nedunchezhiyan College of Engineering (DR NNCE), Tholudur**, established IETE Students' Forum **Feb 17, 2014**. "Kalvi Kavalar" Thiru A Krishnaswami, Chairman of the College, presided over the function. The Chief Guest Dr C Govindaraju, ME, PhD, Prof, Govt College of Engineering, Salem inaugurated the ISF.
- **ISF at Sri Krishna Institute of Technology, Chikkabanavara, Bangalore**, was inaugurated by Wg Cdr HR Parthasarthy (Retd). Governing Council Members, on **Feb 20, 2014**. Dr V Mahadevan, EC Member, IETE-Bangalore center, delivered the technical lecture



ISFs Activities



on "An Insight into Satellite Communication", attended by around 300 students.

- **ISF of KMEA Engineering College**, conducted a 1 day Workshop on "Energy Efficient & Intelligent LED Lighting System" in association with IETE Kochi Centre on **Feb 21, 2014** graced by the Chief Guest Shri N M Kumar, Chairman, IETE Kochi Centre. Dr. Rajesh V G, Principal presided the inaugural session. Dr T K Mani, Dean Post Graduate studies, KMEA Engineering College, gave a technical talk. Poster and project idea presentations were given by various groups.
- A national level technical symposium "PRANETA-14" was organized at **ISF JDIET** in association with IETE Yavatmal Sub-Centre on **Feb 21, 2014** and received overwhelming response from UG and diploma level engg students and technocrats. It was inaugurated by Shri Kishor Darda, Secy, JDES, Yavatmal, Chief Guest; Shri Nitin Shrivastava, GM, Raymonds UCO Denim Pvt. Ltd. Yavatmal, Guest of Honor; Dr R A Mishra, Principal, Amolakh and College, Ytl, President, Indian Association of Physics Teachers; Prof N N Kasat, Hony Secy, IETE Amravati Centre; Prof Nitin Mandavgade, Vice Principal, Raisoni COE, Amravati and Prof SV Dhopte, EC member, IETE Amravati Centre. It included technical paper presentation in three groups, project presentation, Robo Race, T-shirt painting, LAN gaming, Blind C, Poster presentation and Quiz.
- **ISF at Sasi Institute of Technology & Engineering, Tadepalligudem**, was set up with 257 student members through the involvement of faculty members of the dept on **Feb 21 2014**. The esteemed persons present on the occasion were: Dr M Kama Raju, Chairman, IETE Vijayawada Centre, Shri N Venkatrao, Dean, ECE, EEE & ME, SITE and Shri NVG Prasad, HOD, ECE Dept, SITE. A Guest lecture by Dr M Kama Raju, Chairman, IETE Vijayawada Centre was delivered on "Low Power Concepts and Dynamic Power Reduction".
- **ISF at TKM College of Engineering, Kollam**, launched a 3-day national level techno-managerial fest "Tezoro'14" on **Feb 21, 2014**, one of its kind. It was a collective presentation of several exuberant technical feats and served as a national level symposium on 'Engineering as a Service'. The purpose was to impact the mindsets of young engineers to contribute to social welfare, done with the aim of keeping our young engineers abreast with the latest technologies and encouraging them to implement innovative ideas. The events were organized from every area of ECE ranging from Circuitry, Image Processing and of course the crowd pulling Robotics. Titan-o-Machy, the Robowar competition, was co-sponsored by IETE Trivandrum Centre and witnessed active participation of over 10 dexterous teams with their skillfully crafted robots competing for a cash prize of ₹20,000. Winners of TITAN-O-MACHY – (1st) Alfred Jose, Philoj Johny & Anandu Vinod, from CUIET; (2nd) Jacob Jose, Shameer S, from CUIET and (3rd) Rajiv R Nair, Justin John & Haris Wilson from Mount Zion College of Engineering.
- **ISF at GGITM, Bhopal**, conducted a one-day workshop on Programmable Logic Controller (PLC) on **Feb 22, 2014** for enhancing the knowledge of students about sensors and their implementation in industries.
- Sri K Subbi Reddy, Chairman, IETE Hyderabad, the Chief Guest and Sri Gnaneshwara Rao, Hony Secy of the Centre, the Guest of Honor,

respectively inaugurated the **ISF at Padmashri Dr BV Raju Institute of Technology (BVRIT), Narsapur**, on **Feb 26, 2014**. A total of 127 students from II and III Year of B.Tech ECE have been registered as members in this forum.

- **ISF at Rajashri Sahu College of Engineering, Buldana**, was inaugurated on **Mar 05, 2014**. A technical event "Tech Vision 2014" was organized in collaboration with IETE Amravati Centre at national level.
- **ISF at ECE Dept of Sri Krishna College of Technology, Coimbatore**, was inaugurated on **Mar 05, 2014** with 412 student members. The eminent persons present during inaugural function were: Prof Prashant R Nair, Vice Chairman, Dept of IT, Amrita University; Dr S Chandramathi, Dean (Electrical Sciences), and Dr Rudaiyakumar, Head, ECE Dept Sri Krishna College of Technology.
- **ISF of M P Nachimuthu M Jaganathan Engg College, Erode**, organized the 3rd National Level Conference "SACs'14" on **Mar 21, 2014**. Around 225 research papers were received and out of which 160 papers were published in the proceedings.
- A workshop on "VLSI and Embedded system" was held on **Mar 29, 2014** at **ISF of Mahakal Institute of Technology & Management, Bhopal**, an expert team from Universal Informatics Indore.
- **ISF at SIRTE, Bhopal**, was inaugurated on **April 02, 2014**, in the presence of Chief Guest, Dr RP Gupta, Chairman IETE Bhopal Centre & Guest of Honour, Prof Virendra Singh Chaudhary, Hony Secy IETE Bhopal Centre.
- **Manipal University Jaipur (MUJ)**, having a rich heritage of excellence in higher education and experienced and dedicated members of faculty, inaugurated an **IETE Student Forum** at its **Dept of ECE** on **Apr 29, 2014**. **Dr Surendra Pal**, President, IETE and Distinguished Scientist of ISRO, inaugurated the ISF and delivered a keynote address on "Perspectives in Communications – Modern Paradigms" as a Chief Guest. President of MUJ, **Prof Sandeep Sancheti** thanked President IETE for sharing his valuable knowledge with the students and said that such forums were necessary for the growth and technical development of the engineering students. Other eminent persons present were: Sh Sanjay Kumar, GM, BSNL & Chairman IETE Rajasthan Centre; Prof Kumkum Garg, Dean FOE; Prof B K Sharma, Dean FOS; Prof N K Garg, Dean, FOD; Dr DC Agarwal, Director, FOD and Dr. Viveknand Tiwari, HOD ECE.



President IETE and President MUJ standing together with other eminent personalities during inauguration of ISF at Manipal University Jaipur

PACs Activites

- ◆ The **Professional Activity Centre (PAC)** at **KANNUR** in Malabar region was inaugurated by **Shri C K Haridas**, Chairman, Students Interaction Cell on 25th March 2014 at Vimal Jyothi Engineering College, Chemperi, Kannur, under Palakkad Centre. There are 31 corporate members, enrolled during Diamond Jubilee year of IETE from the college and another 25 members from Kannur District falling under this PAC. Ms Jerrin Yomas, HOD, EC Department, delivered the welcome address and Shri B K Anoop, Chairman of PAC submitted the report and introduced the Chief Guest and other speakers. Rev F. George Pulickal, Chairman of the College, Rev Fr Jinu Vadakemulanjanal, Administrator of the College, Mr. Sebastian, PRO and Shri Pratap G Nair, Hony Secy of Kozhikode Sub- Centre delivered the felicitation speeches. Shri K C Manoj, Hony Secretary of PAC proposed vote of thanks.
- ◆ **Nagercoil PAC** in collaboration with **IETE Trivandrum Centre** and **S T Hindu College Nagercoil**, arranged the

"**Doctoral Colloquium**" on 8th Feb 2014 for the benefit of students preparing and involved in Research activities. On the occasion Dr S Arumuga Perumal, PAC Chairman Nagercoil, welcomed the delegates. **Er P Arumugam Pillai**, Chairman-Secretary, S T Hindu College, inaugurated the Doctoral Colloquium and Dr S Perumal, Principal, S T Hindu College, felicitated the function. The papers were presented by Dr R S Rajesh. Prof & HOD, Computer Science & Engg, MS University, Tirunelveli, on "Research Issues and Challenges"; Dr B Sarojani, Asst.Professor, Avinashilingam University Coimbatore, on "Big Data analysis in Research Area"; Dr Gopinath Ganapathy, Dir, Technology Park Bharathidasan University, Tiruchirappalli, on "How to publish papers in Journals" and Dr P Ilango, Professor & Division Leader, VIT University, Vellore, on "Research Journal and its Impact Factor". The Seminar was well attended by students from Colleges in and around Nagercoil.



President IETE during the inaugural function of Maharaja Agrasen Technical Education Society's annual fest "TECHSURGE & MRIDANG" on Feb 27, 28 & March 1, 2014, gracing the event as a Chief Guest.

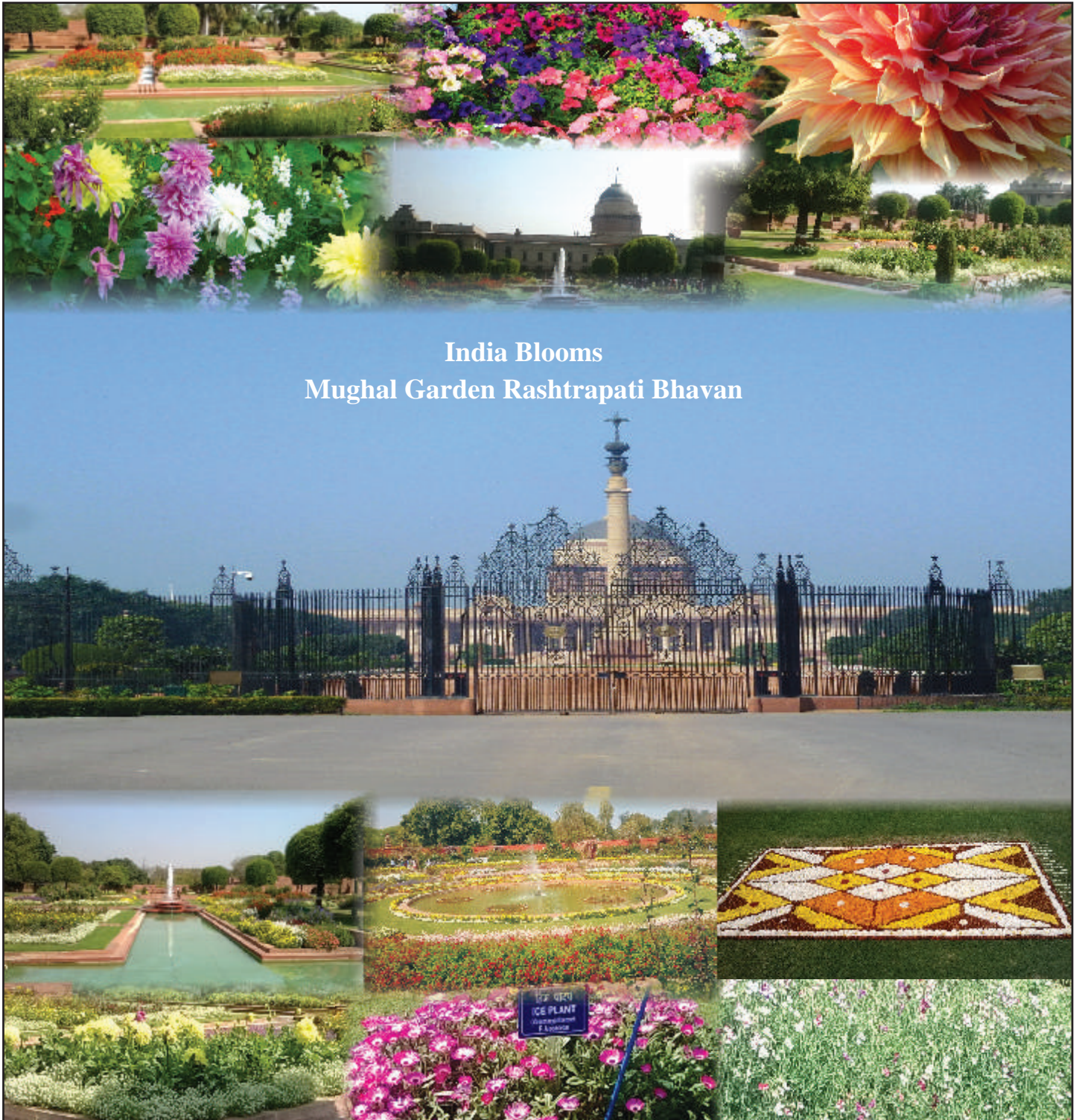


Dr S Pal, President, IETE felicitating Shri B K Birlaji, an educationist, industrialist and philanthropist of national repute, with IETE's Diamond Jubilee Medal and a plaque for his immense contribution towards the growth of Industry, Education and Society in India.

Interaction Meeting with IETE Students

A high level Committee appointed by IETE Governing Council, headed by **Lt Gen Ashok Agarwal, PVSM (Retd)**, Immdt Past President IETE and **President IETE, Dr S Pal**, had an interaction meeting with 500 students on 12th Apr 2014 at IETE HQs for almost 10 hrs. An action plan of 13 points agreed and signed upon by both the sides has been complied with by the IETE HQs in less than two weeks time.





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