



THE INSTITUTION OF ELECTRONICS AND TELECOMMUNICATION ENGINEERS

Special Issue of IETE Newsletter

FROM PRESIDENT'S DESK



Hearty felicitations and best wishes on the occasion of the 1st celebrations of Foundation Day and Convocation Ceremony of the Institution of Electronics and Telecommunications. I would like to convey my sincere thanks to all of you at HQ and Centres for making these celebrations a memorable event. It was indeed a historical event as the august gathering witnessed the presence of our great IETE Founder members, Past Presidents and inspiring speakers who took the audience down the memory lane. IETE which is unique in its formation and was established for professionals devoted to electronics & telecommunications, has proudly added another milestone in its history, the annual Convocation for IETE students. I congratulate the proud recipients and the families of all IETE graduates who were conferred AMIETE & ALCCS degrees this year. I earnestly hope that these passing out graduates would take up the challenge of nation building and become the guiding light for others IETEians. In the fitness of IETE contribution to the national cause, the Council decided to celebrate every year IETE Foundation Day on Nov 2, 2007. The theme chosen for this year was a socially relevant one as "IETE for Bharat Nirman". I am happy that IETE Centres were able to organize talks/workshops on the selected theme endorsing their commitment towards our common cause. I fervently hope that these concrete steps to initiate discussions on techno-economic issues will bring us closer to the practicing engineers, managers and policy makers in the country and help the less advantaged rural sector of our country to reap the benefits of this technological boom.

With firm commitments, plans & policies, our IETE Committees, Boards & Task Forces will be hard at the work this coming year. We will strive hard to increase the visibility & awareness about our organization for different categories of membership, obtain recognition for IETE Journals by providing timely reviews and publications of submitted manuscripts by stepping up our standards and work closely for the Research Fellowship programmes. Our thrust will be to provide value-added information & services through our Centres to empower the underprivileged rural people particularly the young students, active interaction with the industry and introduction of new & innovative courses. All these intum can be the hallmark of our achievements during 2007-2008. On this auspicious occasion of 1st Foundation Day of IETE lets us reaffirm our commitment to technical education including the development of intellectual skills and knowledge to equip the professionals to contribute to our society and assist in fulfilling the national vision of developed India by the year 2020.

Congratulations to you all once again and lets hope that our endeavours bring glory to the Institution.

S. Narayana
S NARAYANA

TEAM IETE WISHES ALL READERS

A HAPPY & PROSPEROUS NEW YEAR : 2008



1st IETE CONVOCATION

1st Convocation Ceremony of IETE was held on Nov 2007 at New Delhi, along with celebrations of the Foundation Day, reminiscing the time spent since its inception. 54 long years of IETE existence encompasses only time and achievements but the indelible beauty of its history, rich with milestones and landmarks to remember. IETE recognized as a Scientific and Industrial Research Organization (SIRO) by Govt of India, Ministry of Science and Technology, Dept of Science and Industrial Research, has made its mark as a leading professional society devoted to the advancement of Electronics, Telecommunications, Information Technology and other related disciplines. It has inculcated professional values, excelled in conducting technical activities, acted as a catalyst for various developmental activities of the country and set its standards.

Against the backdrop of the impressive conference hall IETE, the stage was set for the Convocation ceremony and Foundation Day celebrations. Excellent arrangements marked the occasion as guests, founder members, distinguished Fellows, Council Members, luminaries from all over IETE fraternity, students and media were received and ushered in the Delton Hall. Ms Gouran Lal, the compere, took the opening notes as the audience awaited to receive the Chief Guest, Prof V N Rajasekharan Pillai, Vice Chancellor, IGNOU. Academic procession entered the Convocation Hall. Guests occupied their seats and dignitaries walked upto the stage to take their seats. The ceremony started with the traditional lighting of the lamp and rendering of ceremonial Swasti Vandana. Convocation was declared open by the Chief Guest. The dignitaries present on the dais were: Prof V N Rajasekharan Pillai, Vice Chancellor, IGNOU, the Chief Guest; Shri S Narayana, President IETE; Prof B



Dignitaries on the dais.

S Sonde, Past President IETE and Former Vice Chancellor, Univ of Goa; Shri V V R Sastry, Chairman & Managing Director, BEL, Bangalore; Shri S Basu, Scientist 'G' & Group Coordinator, Dept of Information Technology, Shri P N Chopra, Chairman, TPC and Brig (Retd) V K Panday, Secretary General.

The welcome address was delivered by Shri P N Chopra. This was followed by a stimulating introduction to IETE convocation by Dr M L Goyal, Chairman BoE. Delivering the presidential address, Shri S Narayana traced the roots of the institution since its formation. He apprised the audience about the objectives, activities and achievements of IETE. He called the occasion a historic event. About the selection of the theme he said that it was chosen keeping in mind the contribution of IETE in imparting engineering education particularly to the under privileged and working students who couldn't pursue formal engg courses but today are occupying very prestigious positions in Govt Depts & the Industry. He congratulated the students who were to be awarded degrees and asked them to shoulder higher responsibilities and rise to the expectations of the society & the organizations they serve.

Award of Degrees

The presentation of the degrees to the students was the special moment of the Day. Brig (Retd) V K Panday, as the Registrar, compered the presentations with élan. Prof V N Rajasekharan Pillai, Vice Chancellor, IGNOU and President IETE conferred degrees on the proud recipients, who had assembled in the Delton Hall wearing academic gowns and head gears. They stood ceremonially during the exhortation by the IETE President. After the signatures on the Scroll Register by the Chief Guest and the President, the much-awaited moment was the address of Prof V N Rajasekharan



Lighting of Ceremonial Lamp.



Ceremonial Procession.

Pillai, who brought zeal, enthusiasm and inspiration by his speech. In his convocation address, Prof V N Rajasekharan Pillai congratulated the graduates and emphasized on the term "Understanding the context along with the text of the



VIPs dressed in convocation gowns.

education". According to him it was utmost necessary to correlate the social relevance with acquired knowledge. "Getting degree was not the end of education but was indeed a license for further learning", he said. Teachers & students taking full responsibility was essential for development and progress of the nation in Bharat Nirman. He advised every learner to discard individual prejudices and use their skills and knowledge for the benefit of the society. He advocated the role and importance of ICT in enhancing the quality & reach of education. Applauding IETE's focus on relevant subjects and areas like e-learning, distant education through EDUSAT, education for visually handicapped students, he said that IETE's role in carrying forward the socially relevant and technology sentient agenda of national reconstruction was praiseworthy. President IETE, presented a shawl and a memento to the Chief Guest. Thereafter the Convocation



Award of Degrees.

was declared closed by the Chief Guest and the Academic Procession left the Convocation Hall. Outside Prof Pillai and other dignitaries then posed for a group photograph with AMIETE and ALCCS students. The dignitaries reassembled on the dais for the IETE foundation day lectures.



Group photograph ALCCS students.



Group photograph AMIETE students.

IETE FOUNDATION DAY CELEBRATIONS

AT IETE HEADQUARTERS

IETE dedicated the day by organizing a seminar on the "IETE for Bharat Nirman". The theme chosen was timely and went well with Bharat Nirman programme of the Government of India which is a four year time bound business plan for achieving identified goals in the selected areas of rural infrastructure like irrigation, roads, housing, water supply, electrification and telephony. IETE has all along been taking up this commitment since its establishment in 1953 by embarking on such programmes which work and serve our rural section to improve their quality of life through various activities of technology enhancement. However, the activity of providing quality education to students from rural and remote areas and programmes for the spread of ICT to bridge the rural-urban digital divide is worth mentioning. IETE's belief in "Doing Great Things Together" is evident from its adherence to scientific research & scientific pursuits and its significant role in the technology evolution.

Prof B S Sonde in his very illuminating and absorbing address traced the history of IETE from the inception till to date, the objectives set over the years and how these have been achieved, significant contributions in the spread of technical education and development of professionals by its technical activities throughout the country. He also set the future agenda for IETE particularly its role as a professional body with regard to the study of ill-effects on the society and the human health (physical & mental) of use of the technological developments.



Shri B R Batra,
Founder President,
IETE (1953-54),
The then Chief Engineer
of the Post &
Telegraph Dept of India

Referring to the technology gap, negligible manufacturing base and expanding market services, **Shri V V R Sastry**, Chairman & Managing Director, BEL, Bangalore, observed that there was a need to bring huge investments in indigenous R&D base. The existing R&D base needed to catch up with the technology. Though the excellent skills from large human resource were available in India, yet there was a need to gear up the professional institutions in imparting technical education of contemporary technology to the students of the future. He suggested having good faculty in place to hone up the technical knowledge & skills of existing engineers to cope up the market demands; professional institutions to organize special technology courses in areas that were not covered by educational curriculum, viz. Radar, Sonar, EW System, C⁴I System and Electro-optics Systems; Workshops / Laboratories to be upgraded to impart the practical knowledge current with the technology needs of the industry. He said that institutions like IETE must set high standards so that after acquiring a degree the student was able to meet the expectations of the market. IETE which is a great promise for any developing country



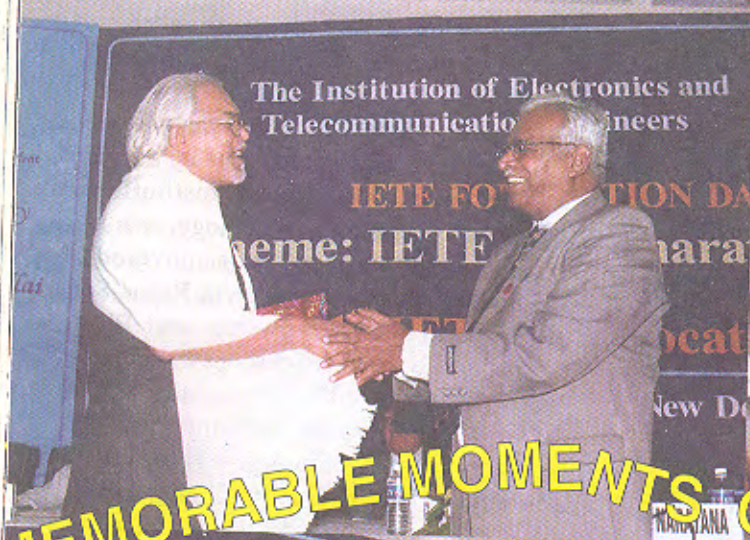
Memento to Shri V V R Sastry.

should set standards and take up the responsibility of producing manpower with the right calibre and competence. Emphasizing the need for improving the working standards, Shri V V R Sastry wanted foremost attention for such valid concerns of the Industry.

Labelling IETE as a responsive and student friendly organization, **Shri S Basu**, talked of the significant strides



Prof B S Sonde being felicitated.



MEMORABLE MOMENTS OF FOUNDATION DAY 20





Prof R K Arora being felicitated.

IETE made on the professional frontier. He praised its role in manpower development to meet the need for expanding industrial and R&D base in the country, its mission towards rural upliftment, programmes of providing quality distance education to students from rural and remote areas, Apex forums on topics for rural India. These were the focused & significant efforts of IETE towards Bharat Nirman. He elaborated on major Govt initiated projects like Community Information Centres (CICs) in the hilly areas for e-governance services & training to local population, State Wide Area Networks (SWANs) in reducing the gap between rural & urban society in our country, Common Service Centres (CSCs) providing Govt & private services at the doorsteps of the citizens. Advocating the role of ICT in modern globalized world, he said that it was emerging as a key to economic development and prosperity of the nation by making up for deficiencies in natural resources, improving productivity through efficient resource management, bringing transparency & accountability, its efforts in promotion of research, development & applications and assisting skilled manpower, required for Bharat Nirman. He wished that the budding IETE engineers, too, work hard with innovative skills to bring vast benefits not only to urban but rural masses in the country.

Honouring the IETE Founder Members

IETE paid fitting tributes to its founder members for their vision, forethought, dedication and hard work. The founder members and Past Presidents of IETE present at the function were suitably felicitated. Those gracing the occasion were: **Shri Satya Pal, Shri R K Dewan and Maj Harphul Singh (Retd), Prof R K Arora, Shri O P N Challa, Dr H S Sharma, Maj Gen Yashwant Deva, AVSM (Retd) and Prof B S Sonde.**

The vote of thanks was proposed by Brig V K Panday, Secretary General, IETE.

AT CENTRES

Bhopal

IETE Foundation Day was celebrated by the IETE Bhopal Centre on Nov 2, 2007.



Kochi

To commemorate the 1st IETE Foundation Day the Kochi Centre invited Shri N Radhakrishnan, CEO, Techno



Park, Trivandrum as the Chief Guest. He praised the role of IETE in providing a think tank on major policy issues as well as training vast human resource pool in the growth of the nation. The keynote address was by Dr Unnikrishnan, Senior Scientist, National Physical & Oceanographic Laboratory (NPOL) Kochi, on "Neurals for Modelling". The event was well attended by large number of corporate members & ISF members of Model Engg College and Cochin University of Science and Technology (CUSAT). The IETE Founder members were felicitated and presented mementoes. Ms Dimple Kurian, the winner of AMIETE's Smt Radhabai Kapre Gold Medal Award, was presented the award on the occasion.

Lucknow

IETE Foundation Day celebrations were held by the IETE Lucknow Centre on Nov 03, 2007 at Conference Hall, Indira Nagar Telephone Exchange, BSNL, Lucknow. Shri Om Vir Singh, CGM, UP(East) Circle BSNL, Lucknow, was the Chief Guest and Maj Gen K K Ohri (Retd) DG, Amity Univ, Lucknow, was the Guest of Honour at the function. The welcome address was by Shri Shabbir Ahmad, Acting Chairman of IETE Lucknow Centre and introductory address was by Shri S I H Rizvi, Hony Treasurer of the Centre. Shri Om Vir Singh in his illuminating address gave a brief account of future plan in providing the communication & telecommunication facilities by BSNL. He informed about e-suvidha services under Central Govt Plan. Maj Gen K K Ohri (Retd) stressed on the need of giving technical education in related disciplines not only in urban areas but also in rural



areas, essential for Bharat Nirman. The vote of thanks was proposed by Shri Alok Sinha, Hony Secretary, IETE Lucknow Centre. The event was covered by the local newspaper, Dainik Jagran.

Mumbai

IETE Mumbai Centre celebrated the IETE Foundation Day on the theme "IETE For Bharat Nirman" on Nov 02, 2007 at its premises. The Chief Guest, Shri J Gopal, Executive Director of MTNL, Mumbai highlighted the objectives of IETE and its activities useful to the nation and society at large especially for the students who cannot afford financially and who could upgrade their knowledge while working. The key-note speakers were: Shri B K Basak, Executive Advisor, TCS & Dr P B Parikh, Director, Fasttech-India Ltd. Founder members were suitably felicitated on the occasion.



Felicitations to K G Matapurkar by Prof S S Thakur.

Mysore

On the occasion of first IETE Foundation Day, IETE Mysore Centre felicitated and honoured IETE Centre's founder members on Nov 5, 2007. Graduates were presented a book on "C++ & Data Structures" by Yeshwanth Kanethkar as an appreciation, motivation and encouragement. The welcome address was delivered by Shri Kumar N Krishna Murthy, Secretary of the Centre. Shri Yesu Selvan, AMIE student, compered the programme and proposed the vote of thanks.

Nashik

IETE Nashik centre celebrated IETE Foundation Day by arranging a lecture by Prof Ms Varsha Patil on "Data Structures and Files" on Nov 02, 2007. She explained the intricacies of Data Structures in a simple and lucid manner. This activity was organized by ISF of MET, Bhamburda Knowledge City, Nashik. Dignitaries included Shri A B...



GM, BSNL, Nashik, Chairman, Prof M D Kokate, Secretary, Prof Sunil Morade, Treasurer, Prof Vijay Wadhwa, HOD, ETC, ISF Nashik, gave valuable guidance to the students through their speeches.

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IETE Foundation Day celebrations were held on Nov 02, 2007. The Chief Guest, Dr S R Gowarikar, Ex Director CSO, Chandigarh, Nuclear Scientist, delivered a talk on the theme: **IETE for Bharat Nirman**. The founder members of the centres, viz. Prof S V Kharkar and Shri S M Nabar, Director, Wireless were felicitated on Foundation Day.

Trupati

IETE Tirupati sub-centre celebrated "IETE Foundation Day" on Nov 02, 2007. Distinguished speakers present on the occasion were Shri U S R Anjaneyulu, GM (Tech), SV Sakshi Channel, TTD and Shri A V Srikumar, DGM (Operations), BSNL, Tirupati. Prof G R Reddy, Chairman-in-charge, presided over the function and Dr S Vijaya Bhaskara, Secretary of the centre proposed the vote of thanks.



Visakhapatnam

The Centre celebrated the 1st IETE Foundation Day for the Chairmanship of Shri C Venkatramanna on Nov 02, 2007. In his address he outlined the contributions made by IETE engineers for Bharat Nirman. The speaker, Shri A Venkateswarlu, Past Chairman of the Centre, spoke about the contributions made by telecom engineers during the last four decades for providing communication facilities to the people in the rural villages. Shri P Syam Sundar Rao, Former DE, BSNL, informed about the contributions in the field of Information Technology through Internet in Globalization. Speakers were felicitated on the occasion.



Visakhapatnam

IETE Visakhapatnam organized IETE Foundation day on Nov 02, 2007 at its premises. Shri George I Irumben, Superintending Engineer, AIR, Visakhapatnam, was the Chief Guest on the occasion. In his address he mentioned that IETE has a greater role to play in the development and policy making of the latest telecommunication technologies. Prof G Madhusudhan Rao, Founder Chairman of Visakhapatnam Centre, was honoured during the occasion. Prof K Rajarajeswari, Chairperson of the Centre, talked about the theme of the Foundation Day and emphasized on students' enrolment and activities. Prof G S N Raju, Immediate Past Chairman and Prof G Madhusudhan Rao also spoke on the occasion. Executive Committee & local members were also present on this occasion.



MoU BETWEEN IETE AND BHARATI AIRTEL SERVICES LTD

There was a long felt need for working out suitable strategies for the placement of IETE graduates on completion of their degrees /diplomas in the industry and service sectors. This has been partly realized after lots of efforts and prolonged discussions held with Bharati Airtel Services Ltd, New Delhi. IETE has entered into a MoU with Bharati Airtel Services Ltd (BASL), on Nov 16, 2007 at New Delhi for the mutual cooperation in the areas of technical activities and training programme. BASL, is a company engaged in the business of creating a pool of technical, administrative, managerial



persons, consultants, advisors of varying qualifications, experience and expertise in the fields of telecom industry either by hiring or employing or placing them in other organizations or firms in the related sectors in India and abroad. BASL requires IETE to train its employees and prospective employees for the BASL services as IETE has the necessary infrastructure, requisite experience and expertise to efficiently provide such training to BASL employees. BASL in turn will recruit IETE engineers at all identified IETE Centres for the jobs of Installation Engineers. The recruitment will be after thorough selection process, a joint responsibility of IETE and BASL at different levels. The issue at large was the management of resource sharing, the creation of trained manpower with common interests towards the national

developmental goal. The highlights of the agreement

- IETE to provide training Infrastructure like class External lab for DTH satellite dish, Demo Suite, facilities, provision of the faculty at Centres, recruitment of engineers at IETE Centres.



- Installation of Kit & Tool Kit, one at each Centre provided by BASL.
- Training by IETE to BASL employees / clients.
- Placement & acceptance of IETE graduates in with BASL / industry.

Requesting all esteemed IETE members for publicity of IETE Awards for Excellence - 2008

"Call for Nominations" for various IETE Awards 2008 are being published in Nov-Dec 2007 issues of IETE journals. The details and proforma of the awards are also available on IETE website www.iete.org. Kindly give wide publicity to the awards and encourage large nominations through various sources and personal contacts. This would also enhance the image of IETE. Your co-operation is solicited.

53rd (2006-07) Annual General Meeting of IETE - Minutes

MINUTES OF THE 53RD (2006-07) ANNUAL GENERAL MEETING OF THE INSTITUTION HELD AT 1730 HRS ON FRIDAY, THE 28TH SEPTEMBER 2007 AT HYDRABAD

Shri S Narayana, President IETE was in the Chair, Secretary General confirmed the quorum as required under Byelaw- 79 and thereafter the meeting was called to order.

Secretary

The House observed two minute silence in the memory of late Dr V P Kulkarni one of the past Vice Presidents of the Institution and Chairperson of Trivandrum Centre who passed away on 19 Sep 2007.

ITEM-1 TO CONFIRM THE MINUTES OF THE 52ND (2005-06) ANNUAL GENERAL MEETING HELD ON 29TH SEPTEMBER 2006 AT NEW DELHI

The President stated that the minutes have been circulated through the Sep-Oct 2006 issue of the IETE Technical Review (Vol.23 No. 5 Page No. 329). No comments have been received.

The President informed that as per the suggestions made by the Members in the last AGM under "other points", Technical Talk on a subject of immediate concern is being organized during every Council meetings. He also informed the suggestions with regard to the term of the Office bearers of the Centres and a proposal for reviewing the number of ex-officio members representing in the Council were deliberated by the Council. The Council has decided to maintain status quo.

With the above, Dr R P Bajpai proposed that the minutes of the 52nd Annual General Meeting held on 29 Sep 2006 at New Delhi be approved and Prof S K Kshirsagar seconded the proposal. The minutes were confirmed.

ITEM-2 TO CONSIDER AND ADOPT THE 53RD (2006-07) ANNUAL REPORT OF THE COUNCIL FOR THE YEAR ENDED 31 MAR 2007

The President informed the members that the 53rd Annual Report of the Institution for the year 2006-07 has already been circulated to the members and may be treated as read. However, for the benefit of members the President highlighted some of the important points.

2.2 Shri P P Malhotra proposed that the 53rd Annual Report of the Institution 2006-07 be adopted. Gp Capt H Kaushal, VSM (Retd) seconded the proposal. The 53rd Annual Report of the Institution for the year 2006-07 was accordingly adopted by the house.

ITEM-3 TO CONSIDER AND ADOPT THE AUDITED BALANCE SHEET AND INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31 MAR 2007.

3.1 The Hon'y Treasurer brought out that during the year, 51 Centres have sent the Audited Statement of Accounts as against 48 Centres in the previous year. He further highlighted the salient points of Income and Expenditure Account for the year 2006-07.

3.2 Shri A Ganesan proposed that the Audited statement of Accounts consisting of the Balance Sheet and Income & Expenditure Account for the year ending 31 Mar 2007 be accepted. This was seconded by Prof B L Deekshatulu. The house adopted the audited Income & Expenditure Account and the Balance Sheet for the year ended 31 Mar 2007.

ITEM-4 TO APPOINT AUDITORS FOR THE YEAR 2007-08

4.1 The President stated that the Council has recommended that M/s Khanna & Mathur, Chartered Accountants, be appointed as Statutory Auditors of the Institution for the year 2007-08 at an annual remuneration of Rs 18,000/- plus taxes.

4.2 Prof K Laxminarayana proposed that M/s Khanna & Mathur, Chartered Accountants be appointed as Statutory Auditors for the year 2007-08 and the proposal was seconded by Shri K S Prakash Rao. Accordingly, M/s Khanna & Mathur was appointed as the Statutory Auditors at an annual remuneration of Rs 18,000/- plus taxes.

OTHER POINTS FROM THE MEMBERS UNDER BYELAW - 69

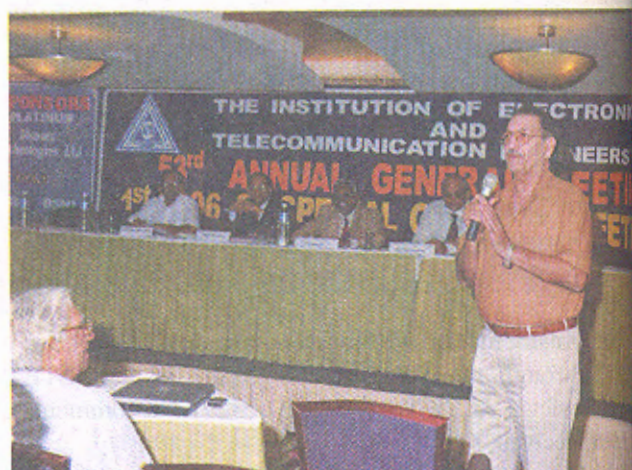
ITEM-5 IMPROVING VISIBILITY OF IETE

5.1 The President informed that no points have been received from the Members for discussion in the AGM in accordance with Byelaw 69. He, thereafter, invited suggestions from the members with a view to increase the visibility of IETE and to further improve the image of the Institution. The points which emerged during the discussion were as under:-



- (a) **Expanding the Field/ Disciplines for Membership.** The House actively participated in the discussion. A general consensus of the House was that since electronics is all pervasive, IETE should encourage and accept membership from professionals in the field of Bio-informatics, Bio-computing and so on.
- (b) **Better monitoring of the Performance of Centres.** The House was unanimous in its feeling that there was requirement of better interaction between HQ and Centres. The House felt that Centres should be more responsive and its performance monitored effectively. The Centres must invariably undertake students activity to make our AMIETE and DipIETE more popular. Centres should also run short/ long term courses on state-of-the-art subjects not only for the students but also for the industry.
- (c) **Re-scheduling the Working hours of HQ IETE.** Members were of the opinion that HQ should observe Saturday/ Sunday as working day and if possible to adopt six days a week schedule. This would facilitate Centres and members to interact more frequently and easily.

5.2 The President thanked all the members for their valuable suggestions. He also said that suggestions given by members were valuable and will be taken up by the Council through respective Committees. He further stated that the Council has already decided to hold a brainstorming session of all the Council Members and some Special Invitees to deliberate about the performance, improving efficiency of Centres and HQs and better monitoring of the performance activities. With respect to rescheduling the working hours of the HQ, the House authorized the President to take suitable action/ decision.



VOTE OF THANKS

6. There being no other item, the meeting ended with a vote of thanks to the Chair.

Sd/-
(V K Pandey,
Brig (Retd)
Secretary General

Ref: IETE/M/53rd AGM/07 Oct 2007

DISTRIBUTION:

1. The President and Members of the Council
2. All Corporate Members of IETE

Note : The Institution of Electronics and Telecommunication Engineers assumes no responsibility for the statements and opinions expressed by speaker(s).

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