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MINUTES OF THE 1ST (2000-2001) MEETING OF THE BOARD OF RECOGNITION OF EXCELLENCE HELD ON 20TH JULY 2001 AT IETE HQs.

The following were present:

Dr J H Agarwal	Chairperson
Prof (Mrs) A G Dandekar	Co-Chairperson
Brig K Balasubramaniam (Retd)	
Shri M N Shukla	
Maj Gen K B Jhaldiyal, AVSM (Retd)	Ex-officio

Secretariat:

Air Cmde (Retd) P D Badoni, VSM	Managing Editor
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ITEM-1 CONFIRMATION OF THE MINUTES OF THE 3RD (1999-2000) MEETING OF THE AWARDS COMMITTEE HELD ON 15 JUL 2000 AT IETE HQs

1.1 The minutes were confirmed.

ITEM-2 IETE AWARDS

2.1 The nominations were sent to 39 experts and the members of the Board. On their recommendations, the Board finalised the lists of awardees for 2000. The following are the awardees for various IETE Awards:

2.1.1 **24rd IETE-Ram Lal Wadhwa Gold Medal** for outstanding contributions in the field of electronics and telecommunication engineering in the broadest sense, during the last ten years.

Prof U B Desai, IIT Mumbai.

2.1.2 **13th IETE-Hari Ramji Toshniwal Gold Medal** for outstanding innovations for application to industry, preferably in the field of electronic instrumentation leading to the development and production of electronic instruments and related systems for use in India and abroad.

No Award

2.1.3 **17th IETE-Bimal Bose Award** for outstanding contributions in the field of power electronics in the broadest sense.

Prof V T Ranganathan, IISc Bangalore.

2.1.4 **16th IETE-Lal C Verman Award** for outstanding contributions in the areas of standardisation, quality control and precision measurements, during the last ten years.

Shri Girdhar J Gyani, ETDC Jaipur.

2.1.5 **8th IETE-Flt Lt Tanmaya Singh Dandass Memorial Award** for outstanding contributions in the field of Avionics, covering education, research, design, development and/or production, during the last ten years.

Team of S / Shri R S Rao, Ajay Vohra and M P Reddy, ADA Bangalore.

2.1.6 **8th IETE-Prof K Sreenivasan Memorial Award** for outstanding contributions in teaching electronics and telecommunication engineering in the broadest sense during the last ten years.

Dr T K Bandopadhyaya, MACT Bhopal.

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- 2.1.7 **7th IETE-Prof S V C Aiya Memorial Award** for outstanding contributions in motivating research work in electronics and telecommunication engineering in the broadest sense during the last ten years.
Prof S Chaudhuri, IIT Mumbai.
- 2.1.8 **7th IETE-Prof S N Mitra Memorial Award** for outstanding contributions and leadership role in radio broadcast science and technology in the broadest sense during the last ten years.
Dr H O Srivastava, AIR New Delhi.
- 2.1.9 **5th IETE-Bapuseetharam Award (Biennial)** for outstanding contributions in R & D and / or production of Electronic Components. The award consists of a Medal and a citation.
Prof Dinesh Kumar Sharma, IIT Mumbai.
- 2.1.10 **4th IETE-B V Baliga Memorial Award** for distinguished contributions to the field of Electronics and Communications with emphasis on R&D and industrial development during the past ten years.
Shri G Elangovan, ADE Bangalore.
- 2.1.11 **1st IETE-NV Gadadhar Memorial Award** for excellence in the field of electronics and telecommunication engineering with emphasis on Mobile Radio Communication. The award consists of a gold medal, a citation, a cash prize of Rs 10,000/- and a travel grant of up to Rs 7,000/-
Shri Rohit Kumar, S.M Telesys Ltd, New Delhi .

As desired by the sponsors this award is to be presented at IETE-Bangalore Centre in a appropriate function. Since this year the ATC is being held at Bangalore, the Ist IETE NV Gadadhar Memorial Award will be presented during ATC.
- 2.1.12 **1st IETE-BR Batra Memorial Award** For significantly contribution to the overall growth and honour of the Institution or has rendered selfless service to cause of the Institution over the years for furtherance of its basic aims and objectives. The award consists of a gold medal and a citation.
No Award

The board decided that the criteria laid down needs to be relooked which may be taken up in one of the subsequent meeting of Board of Recognition of Excellence.
- 2.1.13 **IETE Corporate Award for Performance Excellence in Electronic Components, Systems and Software-2000:**

M/s Tata Consultancy Services, Mumbai has been selected for Software Award. No award for Components and Systems.
- 2.2 **IETE-IRSI (98) Award**

The board took notice of the recommendations of the IETE-IRSI(83) Awards committee that none of the nominee was found suitable for the awards.

2.3 Awards for Articles Published in IETE Journals –1999

130 articles were published in IETE Journals during the year 1999 and were sent to 26 experts for their assessment. On the basis of experts' assessment, those who stood first in merit for various IETE best paper awards are as under:

- **IETE-S K Mitra Memorial Award** for the best research oriented paper on Microwave Surface Resistance of Superconducting $YBa_2Cu_3O_{7.5}$ Thin Films **R Pinto, S P Pal, P R Apte and B K Sarkar**, IETE Jr of Research, Vol 45, Nos 3&4, May-Aug '99, pp 229- 232.
- **IETE-J C Bose Memorial Award** for the best engineering oriented paper Nonresonant Edge Slot Antenna for Phased Array Applications: Theory and Experiment **V V S Prakash, S Christopher and N Balakrishnan**, IETE Tech. Review, Vol 16, No. 1, Jan-Feb '99, pp 75-79.
- **IETE-M N Saha Memorial Award** for the best application oriented paper A Novel PSK Homodyne Optical Receiver for Long Haul Communications **B N Biswas and A Bhattacharya**, IETE Jr of Research, Vol 45, Nos 5&6, Sept-Dec '99, pp 311-322.
- **IETE-K S Krishnan Memorial Award** for the best system oriented paper Enabling Voice Over the Internet **Subrat Kar, Sanjeeva M and SVB Reddy**, IETE Jr of Research, Vol 45, No 2, Mar-Apr '99, pp 151-165.
- **IETE-CDIL Award For Industry** for the best paper contributed by authors from industry Electric Vehicle : A Natural Option for India? **Tridib K Biswas and Neeru M Biswas**, IETE Tech. Review, Vol 16, Nos 3&4, May-Aug '99, pp 367-373.
- **IETE-Gowri Memorial Award** for the best paper on topic of general interest Finite Difference Time Domain (FDTD) Analysis of Microwave Circuits – A Review with examples **V S Reddy and Ramesh Garg**, IETE Jr of Research, Vol 45, No 1, Jan-Feb '99, pp 3-20.
- **IETE-Students' Journal Awards** for the two best papers in the IETE Journal of Education:
 - i) Programmable Switched Capacitor Circuits **S S Jamuar and Maneesha Gupta**, IETE Jr of Education, Vol 40, Nos. 3&4, July-Dec '99, pp 61-67.
 - ii) Voice Mail-A Value based Addition **Rashmi H N**, IETE Jr of Education, Vol 40, Nos 3&4, July-Dec '99, pp 87-92.

2.4 9th IETE National Technical Paper Contest 2001 69 papers were received and were sent to 24 experts for their evaluation. First five papers in the order of merit selected for oral presentation during the 44th Annual Technical Convention are as given below :-

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| • Human Motion Simulation | : | Ramakrishnan S. |
| • Software Radio | : | Aditya Sane & Renuka Ramani. |
| • WCDMA | : | Hemang Shah & Ruchita Vora. |
| • Sea Bottom Classification Using Multibeam Echosounder An Artificial Neural Networks Application | : | Krshka Afonso, Jennifer Baracho, Parind Nachinolcar & Ramya Nayak |
| • Lasers | : | Sachin Dasnurkar & Raee Nadkarni. |

ITEM-3 **NEW AWARD**

3.1 **IETE-Vishwambhar Dayal Gupta Award in the field of 'Telecom Technology Management'**

This proposal needs further processing.

ITEM-4 **IETE ACADEMIC AWARDS 2000-2001**

4.1 The following are the names of awardees for AMIETE and DipIETE schemes for the year 2000-2001:

AMIETE (ET STREAM)

Subramanian Thyagaraja Prize Shri Aravind Kumar A (SG-116832) Dec 2000

Studentship Award Shri Vinay Kumar P (SG-117649) June 2000
Shri Sarath Babu P (SG-110874) Dec 2000

AMIETE (Old Scheme)

Council Prize-II Shri K Prasad (SG-066258) Dec 2000

DipIETE (ET Stream)

Council Prize-I Shri Sintu Banerjee (SD-132337) Dec 2000

Studentship Award ... Shri Vijith T K (SD-123112) June 2000

Council Prize-II Shri S Vipin Chand (SD-122118) June 2000
Shri Neeraj Singh (SD-125702) Dec 2000

4.2 **Enhancement of cash Prize for Academic Awards**

At present 10 Awards are there for AMIETE and DipIETE. Board of Recognition of Excellence decided that each award should comprise of a Medal, Citation and cash prize of Rs 1000/- . After Computer Science and Engineering (CS&E) and Information Technology (IT) streams come-up for awards the total number of awards will be 30. The financial implications of present E & T scheme works out to be Rs 25000/-. Later, when C S & E and IT scheme students also qualify for prizes the financial effects will rise to Rs.75,000/- .

The Chairman Board of Recognition of Excellence placed on record appreciation of the experts for advice rendered, reviewers for timely & valuable recommendations, Members of the Board for contribution, and the IETE HQ for excellent secretarial support.

The meeting ended with a vote of thanks to the Chair.


Maj Gen K B Jhaldiyal, AVSM (Retd)
SECRETARY GENERAL

Distribution :

1. Chairman and Member of the Board of Recognition of Excellence.
2. President and Vice Presidents.