



**Maj Gen (Retd) C M Logani, VSM**  
Secretary General

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01 Aug 2005

**MINUTES OF THE 4<sup>th</sup> (2004-05) MEETING OF THE BOARD OF RECOGNITION OF EXCELLENCE HELD ON FRIDAY THE 22<sup>nd</sup> JULY 2005 AT HOTEL PACIFIC, DEHRADUN**  
The following were present:

Dr R P Bajpai In the Chair  
Maj Gen C M Logani, VSM(Retd) Ex-officio Member

Secretariat:  
Air Cmde (Retd) P D Badoni, VSM Managing Editor

The following were unable to attend:

Ms Neeru Mohan Biswas  
Prof H Saha  
Shri R K Gupta  
Shri V Appakutty  
Lt Gen Davinder Kumar, VSM & Bar  
Shri G P Srivastava  
Prof B N Jain  
Dr R C Chopra

**ITEM-1 CONFIRMATION OF THE MINUTES OF THE 3<sup>RD</sup> (2004-05) MEETING OF THE BOARD OF RECOGNITION OF EXCELLENCE HELD ON 29<sup>TH</sup> APR 2005 AT NIAS, IISc BANGALORE.**

1.2 Minutes were confirmed.

**ITEM-2 POINTS ARISING OUT OF THE PREVIOUS MEETING.**

2.1 **Three IETE – BSNL Awards**

Both Shri M G Kulkarni, Chairman IETE Pune Centre and Managing Editor IETE had written to Shri G S Grover, Director(C&M) BSNL HQ to intimate selection criteria for three IETE-BSNL awards. However, the response from BSNL is still awaited. Managing Editor will pursue the matter further and put up the progress in next meeting of the Board.

Contd.P/2

2.2

**Institution of a New Award**

The Board of Recognition of Excellence approved the IETE-Brig M L Anand Award and noted receipt of a sum of Rs.3 lakh as seed money from the sponsors to support the award.

The award has been instituted by Mrs Kiran and Shri Arjun Malhotra, Fellow IETE in memory of Brig M L Anand who was a Fellow of IETE, for outstanding work in development of applications of networking and internet with emphasis on usage in everyday life and commerce.

The award is to be conferred annually for original contribution of excellence in the field of development of applications of networking and internet with emphasis on usage in everyday life and commerce, during the last 5 years.

The award consists of a gold medal, a citation, a cash prize of Rs. 10,000/- and a travel grant of up to a maximum of Rs. 7,000/-. The recipient is invited to deliver a lecture on the work leading to award on a suitable occasion at the IETE centre nearest to the location of awardee. The award will be given for the first time in the year 2006.

**ITEM-3**

**FINALIZATION OF AWARDEES FOR VARIOUS IETE AWARDS**

3.1

The Board of Recognition of Excellence deliberated the nominations and after In-depth consideration, finalized the list of awardees for the year 2004 - 05. The following are the awardees for various IETE awards:

3.1.1

**28TH IETE-RAM LAL WADHWA GOLD MEDAL** for outstanding contributions in the field of electronics and telecommunication engineering for his original contribution during the last ten years. The award consists of a medal and a citation. The recipient is invited to deliver a lecture based on the work leading to the award at the Annual Technical Convention of the IETE.

Awardee : Prof B B Chaudhuri, ISI Calcutta

3.1.2

**16TH IETE-HARI RAMJI TOSHNIWAL GOLD MEDAL** for outstanding innovative ideas having practical application in industry. Contribution should preferably lead to development and production of electronic instruments and related systems for use in India and abroad. The award consists of a medal and a citation. The recipient is invited to deliver a lecture on the work leading to the award on suitable occasion at an IETE centre nearest to the location of awardee.

Awardee : Dr Lalit M Bhardwaj, CSIO Chandigarh

- 3.1.3 **21<sup>ST</sup> IETE-BIMAL BOSE AWARD** outstanding contributions in the field of power electronics. The award consists of cash prize of Rs. 10,000/-, a citation and a travel subsidy of Rs 2000/-. The awardee is invited to present a paper in the field of his specialization that supports the grant of award during the Zonal Seminar at IETE.

No award

- 3.1.4 **19<sup>th</sup> IETE-LAL C VERMAN AWARD** for outstanding contributions in the areas of standardization, quality control and precision measurements, during the last ten years. The award consists of a medal and a citation for the selected awardee and a plaque for the awardee's organization. The recipient is invited to deliver a lecture based on the work leading to the award at the Mid-Term Symposium of the IETE.

No award

- 3.1.5 **11<sup>TH</sup> IETE-FLT LT TANMAYA SINGH DANDASS MEMORIAL AWARD** for outstanding contributions in the field of Avionics, covering education, research, design, development and production during the last 10 years. The award consists of a medal and a citation. The recipient is invited to deliver a lecture on the work leading to the award on a suitable occasion at an IETE Centre nearest to the location of awardee.

Awardee: Wg Cdr B S Solanki, VSM(Retd), Genus Overseas Electronics Ltd, Jaipur

- 3.1.6 **12<sup>TH</sup> IETE-PROF K SREENIVASAN MEMORIAL AWARD** for outstanding performance in teaching electronics and telecommunication engineering during the last 5 years. The award consists of a medal, cash prize of Rs. 2000/- and a citation. The recipient is invited to deliver a lecture on the work leading to the award on a suitable occasion at the IETE centre nearest to the location of awardee.

Awardee : Prof T S Rathore, IIT Bombay

- 3.1.7 **9<sup>TH</sup> IETE-PROF SVC AIYA MEMORIAL AWARD** for providing guidance in electronics and telecommunication research work during the last 5 years. The award consists of a medal, cash prize of Rs. 2000/- and a citation. The recipient is invited to deliver a lecture on the work leading to the award on a suitable occasion at the IETE centre nearest to the location of awardee.

Awardee : Dr GSN Raju, Andhra University College Engineering , Visakhapatnam

- 3.1.8 **10<sup>TH</sup> IETE-PROF S N MITRA MEMORIAL AWARD** for outstanding contributions and leadership role in radio broadcast science and technology during the last 5 years. The award consists of a medal, cash prize of Rs. 2000/- and a citation. The recipient is invited to deliver a lecture on the work leading to the award on a suitable occasion at the IETE centre nearest to the location of awardee.

Awardee : Shri A S Guin, Doordarshan, Delhi

- 3.1.9 **7<sup>TH</sup> IETE – BAPUSEETHARAM AWARD (BIENNIAL)** for outstanding contributions in the R&D and / or production of Electronic Components. The award consists of a Medal and a citation. The recipient is invited to deliver a lecture on the work leading to the award on a suitable occasion at the IETE centre nearest to the location of awardee.

No award

- 3.1.10 **8<sup>TH</sup> IETE-BV BALIGA MEMORIAL AWARD** for outstanding contributions in the field of Electronics and Telecommunication with emphasis on R & D and industrial development during the past 10 years. The award consists of a medal, a citation and a cash prize of Rs.10,000/- and a travel grant up to a maximum of Rs.7,000/-. The recipient is invited to deliver a lecture on the work leading to the award on a suitable occasion at the IETE centre nearest to the location of awardee.

Awardee : Dr K R Suresh K Nair, NeST Research & Development, Cochin

- 3.1.11 **4<sup>th</sup> IETE-N V 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 a maximum of Rs.7,000/-. The recipient is invited to deliver a lecture on the work leading to award on the occasion of award ceremony. The award ceremony will be held at Bangalore, organized by IETE Bangalore Centre in a suitable function in the second half of the year.

Awardee : Shri Shirish B Purohit, Midas Technologies Pvt Ltd, Chennai

- 3.1.12 **3RD IETE-BR BATRA MEMORIAL AWARD** is awarded to a Fellow of IETE with a standing of 10 years or more, who have significantly contributed to the overall growth and honour of the Institution or has rendered selfless service to the cause of the Institution over the years for furtherance of its basic aim and objectives. The nominee(s) for this award should have notable achievements in his professional work outside as well as in the IETE. Past Presidents, Honorary Fellows and Distinguished Fellows of IETE are not expected to give their consent for nomination for this award. The award consists of a gold medal and a citation. The recipient is invited to deliver a lecture on the work leading to the award on a suitable occasion at the IETE centre nearest to the location of awardee.

Awardee : Prof T S Rathore, IIT Bombay

- 3.1.13 **7TH IETE-CORPORATE AWARD FOR PERFORMANCE EXCELLENCE IN ELECTRONIC COMPONENTS - 2005** is awarded in recognition of outstanding performance and growth rates achieved by an organization / industry / association / institution in the field of electronic components in the country during the past 3 years through excellence in engineering R & D , optimum utilization of appropriate technologies, sound management practices and other initiatives.

Awardee : EPCOS Ferrites Pvt Ltd, Nadia

- 3.1.14 **7<sup>TH</sup> IETE-CORPORATE AWARD FOR PERFORMANCE EXCELLENCE IN COMPUTER AND TELECOMMUNICATION SYSTEMS- 2005** is awarded in recognition of outstanding performance and growth rates achieved by an organization / industry / association / institution in the field of Computer and Telecommunication Systems in the country during the past 3 years through excellence in engineering R & D , optimum utilization of appropriate technologies, sound management practices and other initiatives.

Awardee : HCL Infosystems Ltd, Noida

- 3.1.15 **7TH IETE-CORPORATE AWARD FOR PERFORMANCE EXCELLENCE IN SOFTWARE - 2005** is awarded in recognition of outstanding performance and growth rates achieved by an organization / industry / association / institution in the field of software in the country for the past 3 years through excellence in visualization of engineering problems & writing software solutions, optimum utilization of resources, sound management practices and other initiatives.

Awardee : TATA Infotech Limited, Mumbai

- 3.1.1 **IETE-IRSI (83) AWARD** is awarded in recognition of outstanding contribution in the field of Radar Science/Microwaves and Radar Systems/ including studies using microwave methods for Radar Systems . The award consists of a cash prize of Rs. 10,000/-, a citation and a travel grant of Rs.10,000/- for one awardee to travel to at least three IETE Centres for delivering lectures on the work that qualified for the award.

Awardee: Shri S Varadarajan, LRDE, Bangalore

- 3.2.2 **IETE – IRSI (83) YOUNG SCIENTIST AWARD** is conferred on a young Scientist for outstanding project work in the areas of Radar Science/Microwaves and Radar Systems/ including studies using microwave methods for Radar Systems in last 5 years. The award consists of a cash prize of Rs 5000/- and a citation.

Awardee: Dr D R Jahagirdar, Research Centre Imarat, Hyderabad

- 3.2 **AWARDS FOR ARTICLES PUBLISHED IN IETE JOURNALS DURING THE YEAR 2003** : The award consists of a medal and a citation for each author of the articles chosen for award.

118 articles published in IETE Journal of Research, IETE Technical Review and IETE Journal of Education in the calendar year 2003 were sent to experts for evaluation. Based on the assessment of experts, Board decided the following :

- **S K Mitra Memorial Award for the best research oriented paper.** The award goes to **Basabi Bhaumik** and **Mona Mathur** for their paper, “**Receptive Fields and Orientation Selectivity of Simple Cells in Visual Cortex**”, published in IETE Journal of Research, Vol 49, Nos. 2 & 3, Mar – Jun 2003, pp 87 – 96.
- **J C Bose Memorial Award for the best engineering oriented paper.** The award goes to **Jayadeva, Kamlesh Kumar Pathak** and **Arindam Chakraborty** for their paper, “**Recurrent Neural Networks with Nonlinear Synapses for Solving Optimization Problems**”, published in IETE Journal of Research, Vol 49, Nos 2&3, Mar-Jun 2003, pp 197 - 209.
- **M N Saha Memorial Award for the best application oriented paper.** The award goes to **Santanu Chaudhury, Gaurav Garg** and **Pramod Kumar Sharma** for their paper, “**Digital Video Revisited**”, published in IETE Technical Review, Vol 20 No 4, Jul-Aug 2003, pp 309 – 318.
- **K S Krishnan Memorial Award for the best system oriented paper.** The award goes to **Shihab Shamma**, for their paper, “**Encoding Sound Timbre in the Auditory System**”, published in IETE Journal of Research, Vol 49, Nos 2&3, Mar-Jun 2003, pp 145 – 156.
- **CDIL Award for Industry for the best paper contributed by authors working in industry.** The award goes to **L I Dubey, A K Mokal** and **A Bashir** for their paper, “**Development in Power Electronics and Motion Controls**”, published in IETE Technical Review, Mar-Apr 2003, Vol 20 No 2, pp 101 – 110.
- **Gowri Memorial Award for the best paper on topic of general interest.** The award goes to **Ashok Jhunjunwala** for his paper, “**Drivers of Telecom in India**”, published in IETE Technical Review, Jul- Aug, Vol 20 No 4, pp 279 – 288.
- **Students’ Journal Awards for the two best papers from IETE Journal of Education.** The awards goes to :
  - 1) **P Hari Krishna Prasad** for his paper, “**Discrete Frequency Component Determination of CW Modulated Signals by Lissajous Figures**”, published in IETE Journal of Education, Oct-Dec 2003, Vol 44 No 4, pp 193 – 200.
  - 2) **V G K Murti** for his paper, “**Fourier Transform of the Integral  $\int f(x) dx$ - A Class Note**”, published in IETE Journal of Education, Vol 44, No 2, Apr-Jun 2003, pp 59 – 62.

#### ITEM-4      13<sup>Th</sup> IETE -NATIONAL TECHNICAL PAPER CONTEST 2005

The following papers have been short listed for oral presentation during the ATC:-

- A Novel Physics Based Analysis of a High-K Gate Dielectric Stack for 65-nm MOSFETS by **Anuj Madan**.
- Directional Antenna Design for Mobile Communication by **B Balakarthik** and **B Hariharan**.
- Digital Video Compression – a Solution of Yesterday, a must for today, and Behind the Amazing Realizations of Tomorrow by **Kinkar Deb**.

The Board observed that the papers submitted by large number of students were either copied from books / journals or downloaded from websites and thus below the expected standard of IETE. To improve the quality of the paper, the Board decided that in future IETE-National Technical Paper Contest would be based on the papers describing innovative & demonstrable hardware / software applications developed by the undergraduate engineering students. Managing Editor would frame the selection criteria and call for papers text for publicity and put up the same to the Board for approval in the next meeting

**ITEM-5 IETE ACADEMIC AWARDS**

The following students have won prizes mentioned against their names for academic excellence in the examinations held in June 2004 and Dec 2004.

**AMIETE**

**Subramanian Thyagaraja Prize** for securing the highest percentage with 60% and above marks and completing Part 1 of Section A in one attempt without exemptions.

**June 2004**

Electronics & Telecom Stream	Nil
Computer Science Stream	Nil
Information Technology (IT) Stream	Nil

**Dec 2004**

Electronics & Telecom Stream	Nil
Computer Science Stream	Nil
Information Technology (IT) Stream	Nil

**AMIETE Council Prize-1** for securing the highest percentage with 60% and above marks and completing Part II of Section A in one attempt without exemptions.

**June 2004**

Electronics & Telecom Stream	Nil
Computer Science Stream	Nil
Information Technology (IT) Stream	Nil

**Dec 2004**

Electronics & Telecom Stream	Nil
Computer Science Stream	Nil
Information Technology (IT) Stream	Nil

**AMIETE Council Prize-II** for securing the highest percentage with 60% and above marks and completing Part 1 of Section B in one attempt without exemptions.

**June 2004**

Electronics & Telecom Stream	60.4%	Vaddadi Taj Kiran (Mem.No.116582) 4228 Block 6, Janapriya, Lalapet, Secunderabad 500 017
Computer Science Stream	60.4%	Neelam Kumari (Mem. No.142856) D/o Sh Onkar Chand, H.No.S-44-A, Moti Nagar, Railway Colony, Ambala 134 003
Information Technology (IT) Stream		Nil

**Dec 2004**

Electronics & Telecom Stream		Nil
Computer Science Stream		Nil
Information Technology (IT) Stream		Nil

**AMIETE Council Prize-III** for securing the highest percentage with 60% and above marks and completing Part II of Section B (except project) in two attempts without exemptions.

**June 2004**

Electronics & Telecom Stream	61.75%	Dharmendra Kumar Tripathi (Mem. No.123612) S/o Sh Vibhuti Prasad, Vill. Sekhui, PO Uska Bazar, Siddharth Nagar 272 208.
Computer Science Stream	62.75%	A S Chaitanya, (Mem.No.132699) S/o Sh AS Shastry, Plot No.9-24 Erragadda Pandu Ranga Nagar, Hyderabad 500 018.
Information Technology (IT) Stream		Nil

**Dec 2004**

Electronics & Telecom Stream	61.75%	Reena Rani, (Mem. No.143895) Vill. Neemgaon, PO Goverdhan, Mathura -281502
Computer Science Stream	63.25%	Umakant M Shinde,(Mem.No.140647) C/o Sh B A Damahe, CEDTI Complex, Dr B A M University, Aurangabad 431004.
Information Technology (IT) Stream		Nil

**Smt Radhabhai Kapre Gold Medal Award** for securing the highest percentage with 60% and above marks in aggregate and completing AMIETE in 4 years without exemptions.

**June 2004**

Electronics & Telecom Stream	64.14%	Nabin Karki, (Mem.No.138271) C/o Sardar Balbir Singh, RZC-113, Vijay Enclave, Dabri Palam Road, Vinod Puri, New Delhi 110 045
Computer Science Stream	66.19%	Apresh Sood, (Mem.No.129861) 7/8, West Patel Nagar, New Delhi 110 008.
Information Technology (IT) Stream		Nil

**Dec 2004**

Electronics & Telecom Stream		Nil
Computer Science Stream	68.57%	Mayank Maheswari, (Mem.No.140345)C/o Mihir Pal, No.1,Narendra Nagar, Belghoria, Kolkata 700 056.
Information Technology IT Stream	66.19%	Bhoopendra Singh,(Mem.No.138225) H.No.323, Block-18, Lodi Colony, New Delhi 110 003.

**DIPIETE**

**DIPIETE Council Prize-I** for securing the highest percentage with 60% and above marks and completing Part I of Section A in one attempt without any exemptions.

**June 2004**

Electronics & Telecom Stream	73%	Sinto George, (Mem.No.165967) Skiltek Educational Inst, SRM Road, Lisie, Kochi 682018.
Computer Science Stream	68.67%	John Roshan C, (Mem.No.167372) Skiltek Educational Inst, SRM Road, Lisie, Kochi 682018.

**Dec 2004**

Electronics & Telecom Stream	Nil
Computer Science Stream	Nil

**DIPIETE Council Prize-II** for securing the highest percentage with 60% and above marks and completing Part II of Section A in one attempt without any exemptions.

**June 2004**

Electronics & Telecom Stream	75.5%	Vivek A Phadke, (Mem.No.162821) C/o Sh A B Phadke, Phadke Chawl, Malmaddi 7 <sup>th</sup> Cross Near Rly Stn, Dharwad 580 007.
Computer Science Stream		Nil

**Dec 2004**

Electronics & Telecom Stream	64.25%	Jomon Francis,(Mem.No.166625) Karayamparambil(H), PO Potta, Chalakyady,Thrissur 680722.
Computer Science Stream	62.25%	Sanghavi Prakruti P,(Mem.No.167168) 007 Silver Nest, Opp Sobhna Ngr, Vasna Road,Vadodara 390 011.

**DIPIETE Council Prize-III** for securing the highest percentage with 60% and above marks and completing Part I of Section B in one attempt without any exemptions.

**Jun 2004**

Electronics & Telecom Stream	Nil
Computer Science Stream	Nil

**Dec 2004**

Electronics & Telecom Stream	62.75%	Manohar Lal, (Mem.No.147067) HPEL(Laser Plasma Div), R&D Block 'D' (Fusion Lab), PO CAT, Indore 452013.
Computer Science Stream		Nil

**DIPIETE Council Prize-IV** for securing the highest percentage with 60% and above marks and completing Part II of Section B in one attempt without any exemptions.

**Jun 2004**

Electronics & Telecom Stream	62 %	Debashish Dey,(Mem.No.148542) BRS-X, Block-22, Room-2, No.17, Bagmari Lane, Kolkata 700 054
Computer Science Stream	72.67%	P Pradeep, (Mem.No.144837) C/o T G Prabhakar, Door No.2358, Ist Main IInd Cross, K G Koppal, Mysore 570 009.

**Dec 2004**

Electronics & Telecom Stream		Nil
Computer Science Stream	66.33%	Jyoti Bandana,(Mem.No.149238), C/o Sh D K Mishra, H/o Sh M K Mishra, Saket Bihar Harmu, Ranchi 834002.

**DIPIETE Council Prize-V** for securing the highest percentage with 60% and above marks and completing DIPIETE in 3 years without any exemptions.

**Jun 2004**

Electronics & Telecom Stream	64.75%	Arnab Banerjee, (Mem.No.141883) 4/12, Hari Mohan Datta Road, Kolkata 700 028.
Computer Science Stream	60.56%	Tanmoy Das, (Mem.No.142426) P-15, Megnad Abasan, PO Prafulla Manan, Krishna Pur, Kolkata 700101.

**Dec 2004**

Electronics & Telecom Stream	74.47%	Uttam Kumar, (Mem.No.148310) C/o Sh A K Thakur, SSI-BWF Bardih, Jamshedpur 831017.
Computer Science Stream	63.6%	Krishna Kumar, (Mem.No.149244) C/o Sh Satyendra Singh, AT Shastri Ngr Chauri, PO Ramna, Muzaffarpur 842002.

The Board of Recognition of Excellence appreciated the excellent work done by Managing Editor and his team.

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

  
Maj Gen (Retd) C M Logan  
SECRETARY GENERAL

**Distribution:**

Chairperson and Members of the Board of Recognition of Excellence  
President and Members of the Council