



IEEE BOMBAY SECTION
Secretary's Report for the Year 2006

December 23, 2006

Dear IEEE Members,

I have great pleasure in presenting the Annual Report for the year January – December 2006

1 Election of Office Bearers

The last AGM was held on 17th December 2005 and the office bearers listed below were declared elected.

Section Officers :

Prof. M. M. Shah	Chair
Mr Raju Hira	Vice Chair
Prof. U.B. Desai	Vice Chair
Ms. P. Waingankar	Secretary
Mr. Anthony Lobo	Treasurer

Members :

Dr. P. B. Parikh	Member
Dr. V. K. Madan	Member
Mr. A. K. Banerjee	Member
Mr. H Kalyanasundaram	Member
Dr. V. S. Borkar	Member
Prof. Rajesh Ingle	Member
Prof. V. Ramgopal Rao	Member

Dr. Sanjeev Tokekar	Chair MP Sub-Section
Mr. D M Tagare	Chair Pune Sub-Section
Dr Sourav Dutta	Chair GOLD Committee
Prof . (Ms) M. A. Joshi	Chair Women in Engg. Committee

Chapter Chairs:

Mr Ashok Jagatia	Communications Soc.
Prof. Datta Doke	Industry Appl. / Power Engg. Socs.
Prof. M.B.Patil	Antennas & Prop. / Electron Devices Socs.
Prof. G. Sivakumar	Computer Soc.
Mr. K.J. Sheth	Engg. Management Soc.
Prof. S D Agashe	Instrumentation & Measurements Soc.

At the first Execom Meeting in 2006 on January 20, the following members were co-opted to the Executive Committee:

- i Prof. Ms. P. Gharpure (SPCE – Mumbai)
- ii Dr. Ms. P. Bajaj (GSRC – Nagpur)
- iii Dr Shrikant Parikh (Vice Chair, EMS)

Later in the year Prof Vinit Kotak assumed charge of the GOLD chapter

2 Technical Programs

A number of events were held throughout the calendar year 2006, comprising technical talks, workshops, symposia and conferences, across the Bombay Section including the sub-sections of Madhya Pradesh and Pune.

Several IEEE Distinguished Lecturers from overseas visited Bombay and Pune, and shared their expertise through expert lectures.

3 Co-Sponsored Conferences and Symposia

The IEEE Bombay Section co-sponsored the recently concluded Conference on Hybrid and Electric Vehicles organized by the PES/IAS chapter and IEEE Pune Subsection. This event was technically cosponsored by the PES and IAS Societies of IEEE along with Automotive Research Assn of India. The conference was held in Pune between 18-20 December 2006 and had renowned faculty from India and abroad.

4 Recognition and Awards

- Bombay Section received the Region 10 Award for Sustained growth in 2005. This was received by Prof M M Shah, Chair, in March 2006 at Chiang Mai, Thailand
- Mr. Anthony Lobo, Treasurer, was awarded **Region 10 - Outstanding volunteer** award for year 2005. He was sponsored by the Section to travel to Chiang Mai on the occasion.
- Prof M M Shah has been nominated as Technical Activities Board (TAB) Chair for Region 10 and will take up this assignment commencing 2007.
- Dr S C Sahasrabudhe, Past Chair has been recently elevated as IEEE Fellow

5 Sub - Section Activities

Our two Sub-sections – Pune, with a complement of 1,266 members and MP, with 195 members provides a strong base for expanding the Student and Chapter activities at the local level within the expanse of the Bombay Section. In particular the Pune activities of outreach to rural areas for spreading awareness of modern technology is notable.

6 Chapter Activities

Bombay Section comprises 9 chapters, inclusive of two joint chapters, which have conducted various activities in their sphere, with the Instrumentation and Measurement Society Chapter being approved last year and the new Signal Processing Chapter.

While all chapters have been active, in particular, the Communications Society Chapter and the joint Chapter of Antennas and Propagation Society and the Electron Devices Chapter have been very active this year in organizing technical talks and seminars for the Section. The IAS/PES has taken the initiative of rural awareness of technology.

7 Student Activities

Bombay Section now has 78 student branches, second in the world only to Madras Section.

Several Student Branches were active through the year, with organisation of Industrial visits and holding of technical events. To foster student participation, Student Counselor meets were organized by our Student Activities Chair in Bombay and other centres.

At the Annual IEEE Bombay Section Prof K Shankar Student Paper and Project contest earlier in February 2006, a number of papers & projects of high quality were received.

It is important to note that several defunct student branches were revived during the year

- a. Atharva College, Borivali, Mumbai
- b. Datta Meghe College at New Mumbai
- c. V J T I, Matunga Mumbai
- d. Somaiya College at Vidya Vihar, Mumbai
- e. Rizvi College at Bandra, Mumbai.

8 R-10 Election

Mr R Muralidharan, Past Chair of India Council and Past Chair of Bombay Section had been one of the three nominees for the position of Region 10 Director Elect 2007. In spite of his excellent credentials, the election went in favour of Dr Park from Korea. It is to be hoped that more members come forward to exercise their franchise and involve themselves in the activities of the Section.

9 EXECOM Meetings

The Executive Committee of the Bombay Section has held 10 meetings during the year to transact various items of business. Last year one meeting was held at Indore, and in November, 2006 the meeting was held in Nagpur as an outreach to members.

10 Membership

The current membership of the IEEE Bombay Section (inclusive of two Sub-sections) stands at 5352 as of December 4, 2006. At present Bombay has 3891, Pune has 1266 and MP has 195 members. There has indeed been a severe drop in membership which picked up only in the last quarter.

Student members presently are : Bombay 3157, Pune 955 and MP 139, which represents the bulk of the membership respectively.

While Bombay Section still leads in overall membership of India Council a lot has to be achieved. As is said in IEEE, Membership is everyone's business.

As an activity to promote corporate membership, three experts from the Section, Dr M V Pitke, Prof Uday Desai and Prof S N Merchant gave technical talks at TCS offices during the celebration of Technology week between May 22-26.

An IEEE membership stall had also been put up at the final celebrations on May 26. Mr Avadhoot Jathar, one of the new TCS engineers and an erstwhile active IEEE student member was a key volunteer at the stall along with late Mr T R Subrahmanyam, Prof Shah, Prof Prachi Gharpure and Prof Vineet Kotak who were also present.

11 Visit of IEEE President 2006, Dr Michael Lightner to India and Bombay

Bombay Section was indeed fortunate to have IEEE President Michael Lightner and his wife, visit us on 26 and 27 April, 2006. In January 2005, we had the visit of then President W Cleon Anderson. In the city, Dr Lightner met with Members on 26 April besides visiting the facilities of Tata Consultancy Services, Reliance Infocity and speaking to students at IIT Powai. Dr Lightner made an erudite presentation linking future change in technology and economic developments and how IEEE could bring value to members in the new scenario.

12 Region 10 Meeting

Region 10 meeting was held in Chiang Mai this year in March 2006. It was attended by Prof MM Shah, our Chair. Prof Shah and Mr Anthony Lobo received R-10 awards. All the R-10 awards for 2005 were bagged by volunteers from the SAARC region, one from Pakistan and the other ten for Sections from India.

Dr. Datta Doke, Chair of PES/IAS Chapter is being nominated for Outstanding Volunteer 2006 and the papers have already been submitted.

13 R-10 Students Congress and GOLD Congress in July 2006

The R10 Students Congress was held in Beijing with a participation from many countries notably from India (16 participants), Singapore 16 participants, Korea (21 participants). There was a sizable team from the HQ including Prof. Lightner (President and CEO), Two students from Bombay Section were selected to participate by a panel of four judges which included, Prof. U.B.Desai, Prof. B.R.Prabhu, Prof. Vinit Kotak and Mr. Ashok Jagatia. Profs Shah and Vinit Kotak (GOLD Chair) also attended the Congress to represent the Section .

14 Section Rebate

The rebate was duly received from IEEE Headquarters to support our activities. We have to acknowledge the interest and support from Mr Raju Hira, Vice Chair in the preparation and submission of this data.

15 IEEE Bombay Website

The Section website www.ieee.org/bombay, maintained by Mr. Quraish Bakir, continues to be a source of information on current events and past activities.

16 IEEE Bombay Electronic Mailers

The electronic mailers continue to be a source of timely information to the high grade and student members respectively. We are thankful to Prof. M. M. Shah and Mr Lobo for their interest.

In conclusion, I wish to thank all my colleagues in the Executive Committee for their help and support.

Prof.(Mrs.) Poorva Waingankar
Secretary
IEEE Bombay Section