

**REGIONAL REPORT FOR THE 2001 YEAR
MADRAS SECTION INDIA**

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(Retd) CHIEF ENGINEER AIR & T.V.
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CHAIRMAN
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**I.E.E.E. REGION 10 COMMITTEE MEETING
Thailand - 5TH & 6TH April 2002**

I.E.E.E. MADRAS SECTION
TAMIL NADU INDIA

Reporting Officer : **Er S.A. SOUNDARA RAJAN**
CHAIRMAN
I.E.E.E. MADRAS SECTION

PART - A

A 1 **EXECUTIVE SUMMARY**

Madras Section was established during April 1978 and have now completed 24 years and in these two decades have established itself as a significant Section.

This Section with its 70 Student Branches is the No. 1 Section in the World with the largest number of Student Members with its strength of 3717 as on 12/31/2001. Our total Membership strength as on 12/31/2001 was 5936, probably the Second largest in the Region after Tokyo.

This year a workshop on Electromagnetic compatibility in Electrical Industry was conducted in a conference Hall and tutorials were conducted by Dr. Paolo & Dr. Giorgio spiazzi from university of padova Italy on 29th Jan 2001. A number of colleges participated in the workshop and the interaction between the participants and speakers was excellent.

World Telecommunication day on "The Internet challenges, opportunities and prospects" was celebrated in collaboration with all sister Associations in a grand manner and C.G.M Chennai Telephones presided over the function. 34th Engineers day in commemoration of the 141st Birthday of Bharat Ratna Dr. Visvesvaraya was celebrated on 15th Sep 2001 in collaboration with Institute of Engineers (India) and Ajit Kishore G.M Southern Railway spoke on the occasion. Commemoration day of Prof. Shannon Father of Information Theory was celebrated on 17.11.2001 and Dr. T.V Gopal of Anna University presented Encomiuos to Prof. Shannon.

A 2 FINANCIAL REPORT: RECEIPTS

	US \$	Indian Rupees
3.10 Rebate from HQ	\$ 18,876	
3.20 Region Receipts	\$ 3023	
3.40 Interest	\$ 430	64,639.00
3.70 Membership fees Received through Custody Account		10,48604.00
Total	\$22329	11,13243.00

DISBURSEMENTS: in Indian Rupees

4.10 Meeting & Social Event	1,02706.00
4.20 Publication Expenses	
4.80 Student Activities	17900.00
5.30 Salaries	19500.00
5.60 Management & General	1,36609.00
Total	2,76715.00

A3 SECTION COMMITTEE OFFICERS: 2001

CHAIRMAN : Er. S.A.SOUNDARA RAJAN(SM 02571776)
VICE CHAIRMAN : Er. SURESH CHANDER PAL(SM 00207274)
VICE CHAIRMAN : Er. K.R. KINI (M 03547171)
SECRETARY : Er.. S.S.NARAYANAN (M 00938415)
TREASURER : Prof. R.BHAVANI SHANKAR(SM 02032449)
Immediate Past Chairman: Prof K. UDAYAKUMAR(SM 08005605)

MEMBERS 1 : Er. C.R. SASI (SM 07117492)
2 : Er Ms HEMA GOPAL (M 03678174)
3 : Er S.SRIKANTH (M 40266798)
4 : Er SHEILA ANAND (M 02922391)
5 : Asst. Prof C D SURYAKALA (M 40296954)
6 : Er S.R. ANANTHESH (M 40177606)

PART B – ORGANIZATIONAL ACTIVITIES

B1 MEMBERSHIP DEVELOPMENT PROGRAMMES

Membership Development Desk were organized during 29th Jan 2001, during workshop conducted by Prof. Paolo Tenti and Dr. Giorgio spiazzi of Italy, during World Telecommunication day on 17th May 2001, and commemoration day of Prof. Shannon (Father of Information theory) on 17th Nov 2001 and other technical lecturers / symposiums during the year 2001 and the benefits of becoming IEEE Members were explained to the members for increasing the Membership Strength.

B2 PROFESSIONAL AND CONTINUING EDUCATION ACTIVITIES

The following programmes were arranged during the year: Er. P.A. Mohamed Yaseen C.G.M Tamil Nadu Telecom Circle spoke on Emerging Trends in Telecommunications. Er. R.N Srinivasan C.G.M Chennai Telephones presided over world Telecommunication day and spoke on the "Internet Challenges, Opportunities and Prospects". Shri Vittal chief vigilance commissioner spoke on Information Technology – Enablers for persons with disabilities. Mr. P. Swaminathan Head Electronics & Instrument Division Kalpakkam spoke on Embedded Systems in Nuclear Reactor plant. Dr. Gopal Anna University spoke on commemoration day in the memory of Prof. Shannon (Father of Information Theory) and Dr. P. Gautam Spoke on "BIO-INFORMATICS" Mr. Ajit Kishore G.M Southern Railway spoke on 34th Engineers Day in commemoration of the 141st birth day of Dr. M. Visvesvaraya and Mr. Ramamoorthy Secy. Dept. of Science & Technology spoke on Nano-Computing during International Conference held at Tanjore.

B3 RECOGNIZED EDUCATIONAL PROGRAMMES

70 Student Branches exists in our Section and we are taking effective steps to evaluate their programmes

The following Technical Conferences / Lectures were held during 2001

1. Shri Sastha Institute of Engineering & Technology inaugurated the Activities of the Association and arranged for a debate on

- the learning processes and priorities for the Engineering students of today on 31.01.2001.
2. C.Abdul Hakeem College of Engg. & Technology Melvisharam inaugurated IEEE student Branch on 05.02.2001 and Chairman IEEE addressed the students
 3. DR. Mahalingam college of Engg. & Technology inaugurated IEEE student Branch on 12.02.2001 and a number of colleges around Coimbatore participated and chairman spoke on the advantages of becoming IEEE member.
 4. Misrimal Navajee Manoth Jain Enginnering College conducted a symposium on "Network & Reliable communication software using UML" on 24.02.2001.
 5. Jaya Engineering College arranged for a lecture by Dr. N.M Parthasarathi on the Industries and its applications to the students on 28.02.2001.
 6. Dr. Sivanthi Aditanar College of Engg. Inaugurated IEEE student Branch on 23.03.2001 and arranged for discussion on "Operation of an optical communication System."
 7. S.M.I.T Institute of Technology inaugurated IEEE student branch on 29.06.2001 and chairman delivered the lecture on IEEE organization.
 8. Sri Venkateswara College of Engg. Arranged for a guest lecture on Broadcasting by IEEE Chairman Madras section on 10.08.2001.
 9. M.I.T at Anna University Madras conducted an International conference on Trends in "Industrial Measurements and Automaton"(TIMA 2001) in collaboration with IEEE during 17th to 19th Aug 2001.
 10. AMS college of Engg. Inaugurated student branch on 05.10.2001 and chairman spoke on the advantages of becoming a member in IEEE organization.

B4 STUDENT ACTIVITIES

The following student branches have been established during the year 2001.

1. Dr. Sivanthi Aditanar College Tiruchendur.
2. S.S.M College of Engg. Komarapalayam
3. S.M.I.T college of Engg. Mangadu, Chennai.
4. Jaja Engg. College Thiruninravur.
5. Maharaja College of Engg. Avinashi.
6. Jayaram Engg. College Trichy.
7. Shri. Sastha Institute of Engg. & Tech Chennai.

8. A.M.S College of Engg. Avadi, Chennai.
9. Madha Engg. College, Chennai.
10. Veltech Engg. College Chennai.

B 5 EMAIL AND NEWS LETTER ACTIVITIES HOMEPAGE

The main events are published in IEEE India Bulletin from Trivandrum Power Engineering Society PE 031, Computer Society c016, Professional Communication Society PC 026, Engineering Management Society EM 014 & Industry Applications Society IA 034 are active in Madras Section.

B6 AWARDS

A student paper contest was held on "Application of Nano computing" from various colleges and the prize was awarded to the best paper.

B7 CHAPTER ACTIVITIES

Power Engineering Society chapter (PE 031) has conducted ten meetings during 2001. Computer Society (CP016) and Professional Communication Society (PC 026) have conducted two programmes each during 2001. Engineering Management Society chapter (EM 014) & Industry Applications Society (IA 034) have conducted three programmes each during 2001.

PART C

GOALS & PLANS

C 1 GOALS

- a) To organize international technical symposiums/ workshop on modern topics.
- b) TO open more IEEE Student Branches and enroll more students.
- c) To improve IEEE Membership strength of senior Members and Members

C2 DETAILED IMPLEMENTATION PLANS

- a) Organize periodic tours of office bearers for opening New student Branches improve student Membership and communicates regularly with all Engineering Colleges through email.
- b) To organize National/International symposium /Workshop in collaboration with sister institutions.

C3 PROPOSED BUDGET

a) Continuing Education Programme	:	100000.00
b) Training Programmes for Student Branches	:	150000.00
c) Conference & Workshops	:	200000.00
d) Lecture Programmes	:	100000.00
e) Funds for starting new Student Branches	:	75000.00
f) Membership Development	:	75000.00

g)	Preparation of Magazines /Printed circulars etc.	:	100000.00
h)	Co-sponsorship & Deputation fees	:	100000.00
i)	Modernizing Computers accessories	:	250000.00
k)	Website Printers	:	100000.00
l)	Office Establishment Expenses	:	150000.00

			14,00000.00

PART D- (Others)

D 1 RELATIONSHIP WITH NATIONAL SOCIETIES.

I.E.T.E., I.E.E., I, E, (I) & Broadcasting Engineering Society have been participating in all the symposium/Workshop/Technical lectures, tutorials during 2001.

D 2 SPECIAL EVENTS

- a) World Telecommunication Day on "The Internet challenges, Opportunities and prospects celebration on 17th May 2001 and experts from various section participated in the deliberations.
- b) Workshop on Electromagnetic compatibility in Electrical Industry was conducted in a conference hall. Dr. Paolo Tenti & Dr. Giorgio Spiazzi from University of Padova Italy conducted the tutorials. 60 Students and 25 Members attended the workshop and the interaction between the participants and speakers were excellent.
- c) Commemoration Day of Prof. Shannon (Father Information Theory) was celebrated on 17th Nov 2001 and all sister associations participated in our programmes.

- d)
- e) Chairman visited a number of colleges and delivered speeches about IEEE organization and their benefits to the students and Members.

D3 PROBLEM TO BE ANTICIPATED

For bulk renewals of student Members it is desirable that H/Q should renew with out insisting for return invoice etc. in case there is no change in address or requirement or status of student Member/Members.

**Sub: Regional Report of Madras Section India for the
Year 2001.**

Dear Mr. Chor Eng Fong.

The report of Madras Section for the year 2001 is forwarded through email. Kindly acknowledge the report and also let us know whether a hot copy has to be sent by post or the copy sent through email would be sufficient.

Best regards,

Yours Sincerely,

**(Er. S.A. SOUNDARA RAJAN)
CHAIRMAN
IEEE, MADRAS SECTION.**