

## Computer Society of India – Chennai Chapter

### ANNUAL REPORT 2010 – 2011

Let me thank all of you for giving me an opportunity to serve for this August Society! This Committee has functioned from April 2010 to March 2011.

**Membership:** Let me present that the membership growth, we had excelled in this year also with all your support. This year, we had increased our membership by taking new life members, annual members and student members. We have taken our sincere effort to make our annual members to become life members and in this action, we had succeeded to some extent. We had taken all our efforts to increase the membership base in all avenues. We had also opened seven student branches.

#### Management Committee for the Year 2010 – 2011:

Chairman	:	Dr. P. Sakthivel
Vice Chairman	:	Dr. R.M. Suresh
Secretary	:	Prof. P. Kumar
Treasurer	:	Mr. B. Srinivasan
Immediate Past Chairman	:	Mr. S. Ramasamy
Members	:	Mr. Pramod Mooriath Major V. V. Chandrasekharan(Rtd) Mr. Benedict J. Nicholas Mr. Prakash Subramanian Mr. Ramesh Bhashyam Dr. G. Kulanthaivel Mr. M. Sanjay Kumar Mr. Krishnan Swamy (Co-opted)
Editor – Infoline	:	Mr. H.R. Mohan

#### Nomination Committee for the Year 2010 - 2011:

Mr. D. Swaminathan  
Mr. K. Jayaramakrishnan  
Mr. T.R. Vasudeva Rao

**Technical Meetings:** This year, in most of the months we had minimum of two meetings. In most of our meetings, we have association with one or more societies such as IEEE-CS, IEEE-PCS and other societies of similar interest. In most of our meetings, we had dinner after the meeting. We had meetings on the topics related to general life pattern also. The attendance in all the meetings was more than fifty which was an encouraging factor. The following is the detailed list of the technical meetings conducted during the year.

Date	Topic of the Talk	Name and Organization of the Speaker
03.04.2010	Creativity Modeling	Mr. K. Bhaskaran, Director, Bilvac Tech, Chennai
17.04.2010	Business Continuity – Perspective in Indian Context	Ms. Jamuna Swamy, Head – Information Security Practice, Hexaware Technologies Ltd., Chennai
25.04.2010	Information Technology in ancient Tamil Literature. Organized at RMK Engineering College as a Satellite Meeting cum Family Get-together	Dr. R. M. Suresh, Vice-Chairman, CSI Chennai Chapter and Vice-Principal, RMD Engineering College, Kavaripettai, Gummidipundi.
17.05.2010	Better City, Better Life with ICTs, World Telecommunication and Information Society Day	Mr. D. Varadarajan, Chief General Manager, BSNL Tamilnadu Telecom Circle Mr. C.V. Vinod, General Manager, Customer Mobility, BSNL Tamilnadu Telecom Circle Dr. Gitakrishnan Ramadurai, Professor, Department of Civil Engineering, IIT Madras, Chennai
22.05.2010	The ACE of Soft Skills – Attitude, Communication and Etiquette for Success	Prof. Gopalswamy Ramesh, International Institute of Information Technology, Bangalore.
30.05.2010	Raga Therapy Lecture and Demonstration	Dr. T.V. Sairam, President, Nada Centre for Music Therapy, Chennai
12.06.2010	Annual General Meeting	
24.07.2010	VLSI for Communication Engineering	Mr. S. Sivanantham, Assistant Professor, School of Electronics Engineering, VIT, Vellore
14.08.2010	Challenges of ERP Implementation in SME Companies	Mr. K. R. Natarajan, Director, Integreatz ERP India Pvt. Ltd., Chennai
25.08.2010	Intelligent Robots	Dr. N. Natarajan, Professor, University of Michigan, Dearborn, USA
25.09.2010	Information Warfare	Dr. S. Muttan, Professor, Department of Electronics and Communication Engineering, Anna University, Chennai

Date	Topic of the Talk	Name and Organization of the Speaker
09.10.2010	Strategic Perspectives & Options in a Global Market Economy for Knowledge Workers	Dr. V. Jacob John, Head, Programme and Publication Department, Madras Institute of Development Studies, Chennai
28.10.2010	Malware Detection: Challenges	Dr. R. K. Shyamasundar, Senior Professor and JC Bose National Fellow, Tata Institute of Fundamental Research, Mumbai and IEEE Fellow and ACM Fellow
23.11.2010	Global Sourcing and Vendor Risk Management in Supply Chains	Dr. A. "Ravi" Ravindran, Professor, Industrial Engineering Department, Pennsylvania State University, USA
14.12.2010	Leadership Skills for Surviving and Thriving in Modern Times	Mr. Narayana Mandaleeka, Vice President & Head – Business Systems & Cybernetics Centre, Tata Consultancy Services, Hyderabad
15.12.2010	Career Opportunities and Higher Education in Software Engineering	Dr. Mathew Bass, Professor, Carnegie Mellon University, USA
03.01.2011	Futuristic Information and Communication Technologies and their possible Implications for Bio-medical Applications	Dr. V. Lakshmi Narasimhan, Department of Computer Science and Software Engineering, East Carolina University, USA
22.01.2011	Managing Financial Inclusion and Microfinancing using Technology	Mr. S.V. Chalapathy Rao, Head – Microfinance, Coromandel Infotech India Ltd., Chennai
18.02.2011	What makes Silicon Vally tick? Inauguration of ACM Chennai Chapter	Dr. Jeffrey D. Ullman, Professor Emeritus of Computer Science, Stanford University, USA and ACM Fellow
24.02.2011	Specification and measurement of System Non Functional Requirements	Dr. Alain Abran, Director, Software Engineering Research Laboratory, ETS – University of Quebec, Canada
07.03.2011	Computer Quiz and CSI Day Celebration	Mr. H. R. Mohan, Chairman, Division IV, CSI and Chairman, IEEE-CS Madras Section
19.03.2011	In-Vehicle Networking: Current and Future Trends	Mr. D. Deepak Paul, Technical Architect, Automotive Electronics, Visteon Technical and Services Centre Pvt. Ltd., Chennai

**Workshops/Seminars/Conferences:** This year we had number of seminars, workshops and conferences in association with other professional societies of similar interests. These events had an overwhelming response from the academia as well as industry. In fact, we had to shut the doors for last minute gate crashers for some of the events. The managing Committee sincerely thanks Mr. H.R. Mohan, Chairman, Division IV and Chairman, IEEE-CS Madras Section and Mr. S. Ramasamy, CSI State Student Coordinator, Tamilnadu

and Pondicherry for their whole hearted support for organizing many such successful events.

The following are the details of those events:

- Third International Conference on “**VLSI, Embedded Systems, Signal Processing and Communication Technologies**” was conducted during 2 – 3, April, 2010 at Arupadai Veedu Institute of Technology, Vinayaka Missions University, Chennai.
- International Conference “**Networking 2010**”, An International Federation of Information Processing (IFIP) Technical Committee 6 (TC6) supported International Conference was conducted during 10 – 14, May, 2010 at Indian Institute of Technology Madras, Chennai.
- International Conference on “**Advances and Emerging Trends in Computing Technologies**” conducted during 21 – 24, June, 2010 at SRM University, Chennai.
- Workshop on “**Combating Cyber Crimes: Information Security and Digital Forensics**” was conducted on 2<sup>nd</sup> July 2010 at University of Madras, Chennai in association with Cyber Society of India, IEEE-CS Madras Chapter and Information Systems Audit and Control Association, Chennai Chapter.
- Seminar on “**Access to Knowledge**” was conducted on 31<sup>st</sup> July 2010 at Tamilnadu Pollution Control Board Auditorium, Guindy, Chennai in association with madras Library Association and IEEE-CS.
- Divisional Conference on “**Mobile Computing**” was conducted during 11 -12, August, 2010 at Velammal Engineering College, Chennai.
- Second National Conference on “**Recent Trends in Information Technology**” was conducted during 12 -13, August, 2010 at B.S. Abdur Rahman University, Chennai.
- Workshop on “**Cloud Computing**” was conducted during 18 – 20, August, 2010 at Indian Institute of Technology Madras, Chennai in association with Division IV(Communication), CSI, SIG-Distributed Systems, CSI and IEEE-CS. More than 300 persons participated in this workshop.
- Workshop on “**Role of Stakeholders in Increasing the Share and Sustainability of Women from Tier-2, Tier-3 Cities and Rural Areas in IT/ITES Industry**” was conducted on 24<sup>th</sup> September, 2010 at Anna University, Chennai in association with e-WIT, Chennai.
- International Seminar on “**Usability Matters – UMO 2010**” was conducted during 11 – 13, November, 2010 at Hotel Savera, Chennai in association with Usability Matters.org.

- Workshop on “**Virtualization and Cloud Computing**” was conducted on 20<sup>th</sup> November, 2010 at RMD Engineering College.
- National Conference on “**Theoretical Computer Science and Applications**” was conducted during 25 – 26, November, 2010 at B.S. Abdur Rahman University, Chennai.
- Second International Conference on “**Advanced Computing**” was conducted during 14 – 16, December, 2010 at Madras Institute of Technology, Anna University, Chennai.
- International Conference on “**Signal and Image Processing**” was conducted during 15 – 17, December, 2010 at RMD Engineering College, Kavaripeetai, Gummudipoondy.
- Workshop on “**Frauds and Crime in Digital World**” was conducted on 18<sup>th</sup> December 2010 at Dr. MGR Educational and Research Institute University, Chennai.
- Workshop on “**Python Programming**” was conducted during 20 – 22, December, 2010 at Rajalakshmi Engineering College, Thandalam, Chennai in association with IEEE Madras Section and IEE-CS Madras Section.
- Workshop on “**Research Methodology**” was conducted during 19 – 20, February, 2010 at Anna University, Chennai in association with IEEE-CS and IEEE-PCS. Professor N. Sundararajan, Nanyang Technological University, Singapore and IEEE Fellow, Professor V. Sankaranarayanan, Director, BSA University, Chennai and Dr. Usha Mohan, Professor of Management Studies, IIT Madras, Chennai were the Resource Persons. More than 100 persons participated in this workshop.

**Quiz Contest of CSI Knowledge Portal:** On-line Quiz Contest was conducted by the CSI – HQ through CSI Knowledge Portal and many persons from Chennai have participated in the Contest. The following are winners and their prizes.

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|--------------------------|------------------|-------------------|
| 1. Mr. R. Jayakanthan    | - 4 Times Winner | – <b>Laptop.</b>  |
| 2. Mr. V. Venkataramanan | - 3 Times Winner | – <b>3 Ipods.</b> |
| 3. Mr. Vivek Harikaran   | - 3 Times Winner | – <b>3 Ipods.</b> |
| 4. Mr. J. Manoj Chandran | - 1 Time Winner  | – <b>1 Ipod.</b>  |
| 5. Ms. R. Narayanee      | - 1 Time Winner  | – <b>1 Ipod.</b>  |

The prizes for the winners from 1 to 3 were handed over to them on 25.08.2010 by Dr. N. Natarajan, the speaker of the day of our technical talk. The prizes for the winners 4 and 5 were handed over to them on 25.09.2010 by Dr.S.Muttan, the speaker of the day of our technical talk.

**Activities in Student Branches:** This year we had been to many colleges in and around Chennai to participate in their events and also inaugurated seven student branches. Many colleges had conducted interesting program like quiz, seminars, programming contests, project displays and contests and so on. Student’s technical symposiums were also conducted in a few colleges.

**Events for School Students:** CSI Chennai Chapter associated with many activities related to school students. The details of such activities are as follows:

- **Young Talent Search in Computer Programming – 2010** conducted at Rajalakshmi Engineering College, Chennai on 29.08.2010.
- **SEARCC International Schools Software Competition – 2010** conducted at RMD Engineering College, Chennai on 21.10.2010.

**Model Examination for School Students:** Seventh consecutive year and Eleventh time overall – Tamilnadu State Board – Twelfth Standard – **Computer Science Model Examination**, was conducted on 03.01.2011 across the state. We thank Mrs. Mythili Prakash, our past MC member who had helped us lot in conducting the examination.

**CSI Discover Thinking “IT and Science Quiz” for School Students:** The Regional level Preliminary and Final CSI Discover Thinking “IT and Science Quiz” was conducted on 12<sup>th</sup> February, 2011 at Alpha Matriculation Higher Secondary School, C.I.T. Nagar, Chennai. The quiz was conducted by Mr. H.R. Mohan and his team. We sincerely thank Mr. H.R. Mohan, Chairman, Division IV, CSI, Mr. S. Ramasamy, Tamilnadu and Pondicherry State Student Coordinator and Mr. Prakash Subramanian, MC Member, CSI Chennai chapter for successfully organized and conducted the quiz competition.

**Awards:** The CSI Chennai Chapter and members of chapter have bagged many awards during the CSI Annual Convention held at Mumbai during 25 - 27, November, 2010 for the excellent performance for the year 2009 – 2010. The details of the awards are as follows:

- CSI Best National Chapter Award (**Mr. S. Ramasamy**)
- CSI Best Regional Chapter Award - Category A Region 7 (**Mr. S. Ramasamy**)
- Best Chapter News Letter Award (**Mr. H. R. Mohan**)
- CSI Chennai Chapter Patron Award (**Mr. S. Venkatakrishnan**)
- CSI Significant Contribution Award (**Mr. Jerald Inico**)
- Active Participation-Women Member Award (**Mrs. Mythili Prakash**)
- Best Student Branch Award - RMD Engineering College (**Dr. R. M. Suresh**)
- Best Student Branch Award - Rajalakshmi Engineering College (**Mr. P. Kumar**)

The Managing Committee of CSI Chennai chapter sincerely thanks all the awardees for their excellent performance, services and bringing laurels to our chapter.

**CSI Day:** The CSI day was celebrated on 7<sup>th</sup>, March, 2011 at CSI Education Directorate, Taramani, Chennai in association with IEEE-Computer Society, Madras Chapter. As part of the celebration, firstly, a batch of students each one from Rajalakshmi Engineering College, RMD Engineering College and SKR Engineering College were presented their project works. Cash awards were presented to all the students those who have made presentation. Secondly, Computer Quiz was conducted to the participants of the meeting by Mr. H.R. Mohan, Fellow, CSI and cash prizes were given to the successful participants. Finally, CSI Chennai Chapter Patron Award 2010 was presented to Ms. S. Venkatakrishnan, Senior Member of CSI and Past CSI Education Director by Major General A. Balasubramaniam, the Founder Secretary and Past President of CSI. Mr. G. Ramachandran, Past CSI Vice-President spoke about the services rendered by Mr. S. Venkatakrishnan for the Computer Society of India.

**CIO Forum Meetings:** We had two CIO Meetings as detailed below for the benefit of the CIOs. These meetings were organized by the Convener of the CIO Forum Mr. H.R. Mohan and we sincerely appreciate the efforts taken by him in organizing them.

<b>Date</b>	<b>Topic of the Talk</b>	<b>Associated Organization</b>
26.05.2010	Data Resilience for Virtualized Environments	Hitachi Data Systems
14.10.2010	Automated Cloud	Hitachi Data Systems

**Finance:** The finances were managed prudentially and we could generate modest surplus. Our sincere thanks and appreciation to all concerned for that.

**Conclusion:** Though many more things could have been done, yet this year has seen a vibrant CSI Chennai Chapter and I am sure that the same will continue in the coming years also. Finally, let me conclude by conveying my sincere and whole hearted thanks to Mr. H.R. Mohan, Chairman, Division IV (Communications), Mr. S. Ramanathan, Regional Vice-President, Region VII, Dr. T.V. Gopal, Chairman, Division II (Software), Mr. S. Ramasamy, Tamailnadu and Pondicherry State Student Coordinator, Wg. Cdr. M. Murugesan, CSI Education Director, all the members, fellows, patrons, past chairpersons, CSI National office bearers and staff, CSI Chennai chapter executive secretary Mr. K. Srinivasan, all the staff members of CSI Education Directorate, Chennai, Our past and present MC Members, student members, institutional authorities, sponsors for our various events, and the societies of similar interests such as IEEE, IEEE-CS, IEEE-PCS, IETE, MALA, Cyber Society of India, SPIN Chennai, e-WIT etc. with whom we had joint meetings. Without their support, it would not have been possible for us to present this activities report of our CSI Chennai Chapter.

**P. Kumar**  
Secretary