COMPUTER SOCIETY OF INDIA

TIRUCHIRAPPALLI CHAPTER

ANNUAL REPORT : 2012 – 2013

Presented at

ANNUAL GENERAL BODY MEETING

23rd September 2013

Office:

IWS Building (Near Kailasapuram Club)
BHEL Township, Tiruchirappalli – 620 014

Tiruchirappalli City Office:

F8-A, BUTP, Khajamalai, Tiruchirappalli – 620 023

Web: www.csi-trichy.in

TABLE OF CONTENTS

MANAGEMENT COMMITTEE [2012 – 2013]

Designation	Name of the Member	Official Address
Chairman	Dr. Gopinath Ganapathy	Director, BUTP, Bharathidasan University, Khajamalai, Tiruchirapalli Mobile: 9842407008, Email: gganapathy@gmail.com
Vice Chairman	Sri. G.S. Raghunathan	Additional General Manager Information Centre BHEL,Tiruchirappalli Mobile: 9442631198, Email: gsr@bheltry.co.in
Secretary	Dr. T. Abdul Razaak	Associate Professor, Department of Computer Science Jamal Mohamed College, Tiruchirappalli Mobile: 9443110965, Email: abdul1964@yahoo.com
Treasurer	Sri. N. Rajasekaran	Manager, W.R.I. BHEL,Tiruchirappalli - 620014 Mobile: 9442503065, Email: nrajas@bheltry.co.in
Member Division I	Sri. D. Senthilkumar	Deputy Manager/I.T.S., Building 2&4 BHEL, Tiruchirappalli Mobile: 9443143248, Email: senthil@bheltry.co.in
Member Division II	Sri. S. Lakshmanan	Senior Engineer/Informatic Centre BHEL, Tiruchirappalli Mobile: 9442113936, Email: laks@bheltry.co.in
Member Division III	Sri. N. Rajasekaran	Manager/W.R.I. BHEL, Tiruchirappalli Mobile: 9442503065, Email: nrajas@bheltry.co.in
Member Division IV	Sri. L. Jayaprakash	Manager / E.R.P. BHEL, Tiruchirappalli Email: ljp@bheltry@co.in
Member Division V	Dr. S. Nickolas	Assistant Professor, Department of Computer Applications, N.I.T., Tiruchirapalli Mobile: 9443561989, Email: nicjkas@nitt.edu
Member Division VI	Sri. S. Meenakshi Sundaram	Prof. & Head / C.S.E. M.A.M. School of Engineering, Tiruchirappalli Email: 1965sms@gmail.com
Member Division VII	Sri. S. Venkatasubramanian	Associate Professor / C.S.E. Saranathan College of Engineering, Tiruchirappalli Mobile: 9443144356, Email: vsgomes@rediffmail.com
Member Division VIII	Sri. A. Jahir Husain	Associate Professor, Department of Computer Science M.A.M. College of Engineering, Tiruchirappalli Mobile: 9842004510, Email: ajhussain@rediffmail.com

Designation	Name of the Member	Official Address
Chairman / Nomination committee	Dr. M.A. Maluk Mohamed	Principal M.A.M. College of Engineering, Tiruchirappalli Mobile: 9994443565, Email: malukmd@gmail.com
Member / Nomination committee	Sri. N. Sekar	Retd. Senior Manager / Commercial/FB BHEL, Tiruchirappalli Mobile: 9442502616, Email: sekarn2001@gmail.com
Member / Nomination committee	Sri. D. Varatharajalu	Manager / Informatic Centre BHEL, Tiruchirapalli Mobile: 9442502942, Email: rajalu@bheltry.co.in
Co-opted Member	Dr. E. Kirubakaran	Senior DGM / Out Sourcing BHEL, Tiruchirappalli Email: 9442631160, Email: ekru@bheltry.co.in
Co-opted Member	Sri. S. Ravimaran	Head, Department of CSE, M.A.M. College of Engineering, Tiruchirappalli Mobile: 9443076222, Email: hodcse@mamce.org
Co-opted Member	Sri. N. Kuppusami	Plot No 23 Cholan Nagar North Kattur Mobile: 9443306972, Email: kuppusami_n@yahoo.co.in
Co-opted Member	Sri. A. Renga Rau	Manager, Informatics Centre BHEL, Tiruchirappalli Mobile: 9442280461, Email: arrau@bheltry.co.in
Co-opted Member	Sri. R. Selvaraj	Senior Manager / BC & BS Stores BHEL, Tiruchirapalli Mobile: 9442146623, Email: rselvaraj@bheltry.co.in
Co-opted Member	Sri. M. Palaniyandi	Manager, Commercial / Spares Business BHEL, Tiruchirapalli Mobile: 9442502907, Email: palani@bheltry.co.in
Co-opted Member	Dr. K. Geetha	Teaching Faculty, Department of Computer Science and Engineering, N.I.T., Tiruchirappalli Mobile: 9442247290, Email: geethavalavan@gmail.com

COMPUTER SOCIETY OF INDIA
TIRUCHIRAPPALLI CHAPTER
ANNUAL REPORT : 2012-2013

Dear Members,

Before presenting the annual report, with deep sense of sorrow and a heavy heart, we mourn the sad and untimely demise of our past Treasurer, Mr. Syed Mohamed Ghouse, on 17th February 2013. He was associated with CSI Tiruchirappalli Chapter for more than two decades. To us he was a guide, philosopher, a good friend and an accommodating personality. His excellent qualities, pleasing manners and commitment towards completing his responsibilities have carved out a name and niche in the hearts of all those who were associated with him. Though we miss Mr. Ghouse, we shall cherish all the happy memories we had with him. The CSI will always remember his smiling and friendly face as well as his numerous contributions to the society. We wish and pray that Almighty God give peace to his soul, and courage to his family members to accept this unpredictable and unfortunately unavoidable part of the life.

It gives me a great pleasure to present the Annual Report of the Tiruchirappalli Chapter of Computer Society of India for the year 2012-2013, ending 31st March 2013. As in the preceding years, this year also a wide variety of activities were organized by the Chapter in association with the student chapters, Bharathidasan University Technology Park, and Institution of Engineers Tiruchirappalli Chapter, B.H.E.L., Tiruchirappalli.

As evident, the students have become our major stakeholders constituting more than 90% of the membership base. It is a great responsibility on the CSI Tiruchirappalli Chapter, especially the working members, to nurture the young minds and groom them as the next-generation IT professionals.

A number of technical programs such as special lectures, seminars, workshops, conferences, symposia, and faculty empowerment programs were organized during the year 2012 – 2013. Around 42 special lectures / seminars were organized for the benefit of the students, faculty, industrialists and research scholars. Subject experts from the IT industry and experienced academicians were the resource persons for these programs. In addition to these programs, 4 symposiums, 5 workshops, 3 faculty empowerment programs and a book exhibition were also organized. All these programs were very well received by the stakeholders. The details of all the programs are given below.

SPECIAL LECTURE PROGRAMMES / SEMINARS

01.   Date   : 10-04-2012
       Venue   : Bharathidasan University Technology Park, Tiruchirappalli
       Resource Person   : Ms. M. Rengadevi
                              Engineer, C&I, Fossil Boilers, BHEL,Tiruchirapalli
       Topic   : Treatment of Tumors using Nano Robots
       Participants   : Academicians, Industrialists and Students

02.   Date   : 08-05-2012
       Venue   : Bharathidasan University Technology Park, Tiruchirappalli
       Resource Person   : Mr. A. Jahir Hussain
                              Assistant Professor, Department of Computer Science & Engg.
                              M.A.M. College of Engineering, Tiruchirappalli
       Topic   : Social Network Computing
       Participants   : Academicians, Industrialists and Students

03.   Date   : 12-06-2012
       Venue   : Bharathidasan University Technology Park, Tiruchirappalli
       Resource Person   : Ms. S. Gayathri
                              Systems Engineer
                              Informatics Centre, BHEL, Tiruchirapalli
       Topic   : Microsoft System Centre Configuration Manager 2007
       Participants   : Academicians, Industrialists and Students

04.   Date   : 12-07-2012
       Venue   : M.A.M. College of Engineering, Tiruchirappalli
       Resource Person   : Prof. C. Antony Raj
                              Training and Placement Officer
                              M.A.M. College of Engineering, Tiruchirappalli
       Topic   : Orientation on Aspiring Mind's Computer Adaptive Test
       Participants   : Final Year Students

05.	Date	: 17-07-2012
	Venue	: IE-TLC Lecture Hall, BHEL, Tiruchirappalli
	Resource Person	: Mr. A. Nallusamy
		Sr. Systems Engineer
		Informatics Centre, BHEL, Tiruchirapalli
	Topic	: Emerging IT Trends
	Participants	: Academicians, Industrialists and Students

06.	Date	: 18-07-2012
	Venue	: M.A.M. College of Engineering, Tiruchirappalli
	Resource Person	: Mr. Narendraraj Gopal
		Research Scholar
		National Institute of Technology Tiruchirapalli
	Topic	: Mobile Cloud
	Participants	: Faculty and Students

07.	Date	: 18-07-2012
	Venue	: M.A.M. College of Engineering, Tiruchirappalli
	Resource Person	: Prof. K. Velmurugan,
		Professor & Head / CSE
		Anjalai Ammal Mahalingam College of Engg, Kovilvenni
	Topic	: Web Services & SOA
	Participants	: Faculty and Students

08.	Date	: 01-08-2012
	Venue	: Jamal Mohamed College, Tiruchirappalli
	Resource Person	: Dr. E. Kirubakaran,
		AGM / Outsourcing
		BHEL, Tiruchirappalli
	Topic	: Inauguration of Department Activities (Inaugural Address)
	Participants	: Faculty and Students

09.	Date	: 10-08-2012
	Venue	: Jamal Mohamed College, Tiruchirappalli
	Resource Person	: Mr. A. Loyola George,
		Manager – Data Integration
		Boston University, Boston, USA
	Topic	: Data Warehousing
	Participants	: Faculty and Students

10.	Date	: 14-08-2012
	Venue	: IE-TLC Lecture Hall, BHEL, Tiruchirappalli
	Resource Person	: Ms. N. Porchelvi
		Assistant Professor of ECE
		MAMCE, Tiruchirapalli
	Topic	: Wireless Standards
	Participants	: Academicians, Industrialists and Students

11. Date : 23-08-2012
    Venue : Jamal Mohamed College, Tiruchirappalli
    Resource Person : Mr. Mohamed Abubacker Siddique
                     Wipro Arabia Ltd., Saudi Arabia
    Topic : Future Trends in Information Technology
    Participants : Faculty and Students

12. Date : 06-09-2012
    Venue : Jamal Mohamed College, Tiruchirappalli
    Resource Person : Dr. M. Nazreen Banu,
                     Professor / Computer Applications
                     MAM College of Engineering Tiruchirappalli
    Topic : Future Trends in Distributed Systems and Distributed
            Computing
    Participants : Faculty and Students

13. Date : 07-09-2012
    Venue : Jamal Mohamed College, Tiruchirappalli
    Resource Person : Mr. Nasir Ahamed Syed,
                     DBA, Oracle, UK
    Topic : Database Technologies
    Participants : Faculty and Students

14. Date : 13-09-2012
    Venue : Jamal Mohamed College, Tiruchirappalli
    Resource Person : Mr. M. Dhanaraj
                     WebRobo, Tiruchirappalli
    Topic : Web Design
    Participants : Faculty and Students

15. Date : 14-09-2012
    Venue : Jamal Mohamed College, Tiruchirappalli
    Resource Person : Mr. Syed Saifullah, Head – Service Delivery
                     Elite Software Solutions, Chennai
    Topic : Placement Opportunities
    Participants : Faculty and Students

16. Date : 14-09-2012
    Venue : M.A.M. College of Engineering, Tiruchirappalli
    Resource Person : Mr. R. Saravanan
                     Member, Education & Research,
                     Microsoft Track, Infosys Technologies Ltd, Chennai
    Topic : SQL Server
    Participants : Faculty and Students

17. Date : 18-09-2012
    Venue : IE-TLC Lecture Hall, BHEL, Tiruchirappalli
    Resource Person : Ms. S. Gayathri
    Systems Engineer
    Informatics Centre, BHEL, Tiruchirapalli
    Topic : Server and Application Monitoring Software
    Participants : Academicians, Industrialists and Students

18. Date : 28-09-2012
    Venue : Jamal Mohamed College, Tiruchirappalli
    Resource Person : Mr. A.R. Chandra Sekhar, Chief Executive Officer
    Unique Solutions, Dubai
    Topic : Insight into Practical Life of IT
    Participants : Faculty and Students

19. Date : 04-10-2012
    Venue : Jamal Mohamed College, Tiruchirappalli
    Resource Person : Dr. P.D. Sheba Malarchelvi, Head / Computer Science & Engg.
    JJ College of Engineering, Tiruchirappalli
    Topic : Network Security
    Participants : Faculty and Students

20. Date : 09-10-2012
    Venue : Bharathidasan University Technology Park, Tiruchirappalli
    Resource Person : Dr.E.George Dharma Prakash
    Assistant Professor, School of computer Science & Engineering
    Bharathidasan University, Tiruchirappalli
    Topic : MoPhoFo-Mobile Phone Forensics
    Participants : Academicians, Industrialists and Students

21. Date : 16-10-2012
    Venue : Bharathidasan University Technology Park, Tiruchirappalli
    Person : Dr.M. Durairaj,
    Assistant Professor, School of computer Science & Engineering
    Bharathidasan University, Tiruchirappalli
    Topic : Human Based Computation
    Participants : Academicians, Industrialists and Students

22. Date : 16-10-2012
    Venue : IE-TLC Lecture Hall, BHEL, Tiruchirappalli
    Resource Person : Ms. M.J. Divya
    Systems Engineer
    Department of ITS & S, BHEL, Tiruchirapalli
    Topic : User Interfaces in for Software Applications
    Participants : Academicians, Industrialists and Students

23.	Date	: 16-10-2012
	Venue	: Jamal Mohamed College, Tiruchirappalli
	Resource Person	: Mr. J. Ashiq Shah, SAP Consultant
		Accenture, Bangalore
	Topic	: Career Opportunities
	Participants	: Faculty and Students

24.	Date	: 29-10-2012
	Venue	: Jamal Mohamed College, Tiruchirappalli
	Resource Person	: Mr. M.I. Mohamed Zubair
		CTS, Malaysia
	Topic	: Placement Opportunities
	Participants	: Faculty and Students

25.	Date	: 30-10-2012
	Venue	: Bharathidasan University Technology Park, Tiruchirappalli
	Resource Person	: Dr. B. Smitha Evelin Zoraida,
		Assistant Professor, School of computer Science & Engineering
		Bharathidasan University, Tiruchirappalli
	Topic	: Nature for Computation
	Participants	: Academicians, Industrialists and Students

26.	Date	: 06-11-2012
	Venue	: Bharathidasan University Technology Park, Tiruchirappalli
	Resource Person	: Dr. L. Arockiam,
		Associate Professor, Department of Computer Science
		St. Joseph's College, Tiruchirappalli
	Topic	: Research in Computer Science
	Participants	: Academicians, Research Scholars and Students

27.	Date	: 20-11-2012
	Venue	: IE-TLC Lecture Hall, BHEL, Tiruchirappalli
	Resource Person	: Mr. Aswin Vijaya Kumar
		Systems Engineer
		Department of ITS & S, BHEL, Tiruchirapalli
	Topic	: Network Attached Storage (NAS)
	Participants	: Academicians, Industrialists and Students

28.	Date	: 05-12-2012
	Venue	: Bharathidasan University Technology Park, Tiruchirappalli
	Resource Person	: Prof. Mohana Sundhar Rajan
	Topic	: The Web: its Birth Decline and Resurrection
	Participants	: Academicians, Industrialists and Students

29. Date : 11-12-2012
    Venue : IE-TLC Lecture Hall, BHEL, Tiruchirappalli
    Resource Person : Ms. G. Roja
    Lecturer, Department of ECE
    Periyar Maniammai University, Thanjavur
    Topic : Satellite Communication
    Participants : Academicians, Industrialists and Students

30. Date : 22-12-2012
    Venue : Jamal Mohamed College, Tiruchirappalli
    Resource Person : Mr. Jaffer Sathik,
    HCL Technologies, Chennai
    Topic : Expectations of the IT Industry
    Participants : Faculty and Students

31. Date : 08-01-2013
    Venue : IE-TLC Lecture Hall, BHEL, Tiruchirappalli
    Resource Person : Mr. T.S. Balaji
    Manager, Human Resource Management
    BHEL, Tiruchirapalli
    Topic : Safe Social Media Net working
    Participants : Academicians, Industrialists and Students

32. Date : 11-01-2013
    Venue : Jamal Mohamed College, Tiruchirappalli
    Resource Person : Mr. D. Ravindran,
    Associate Professor, Department of Computer Science
    St. Joseph's College, Tiruchirappalli
    Topic : Presentation Techniques
    Participants : Faculty and Students

33. Date : 17-01-2013
    Venue : Jamal Mohamed College, Tiruchirappalli
    Resource Person : Dr. A. Mohamed Ali Jinnah
    Assistant Professor, Department of English
    Jamal Mohamed College, Tiruchirappalli
    Topic : Interview Skills
    Participants : Faculty and Students

34. Date : 19-01-2013
    Venue : M.A.M. College of Engineering, Tiruchirappalli
    Resource Person : Dr. Saswathi Mukherjee,
    Professor, Department of Information Science and Technology
    College of Engineering, Guindy, Chennai
    Topic : Distributed Systems
    Participants : Faculty and Students

35.	Date	: 19-01-2013
	Venue	: M.A.M. College of Engineering, Tiruchirappalli
	Resource Person	: Dr. V. Kamakodi
		Professor / CSE
		Indian Institute of Technology – Madras, Chennai
	Topic	: Issues in Computer Architecture
	Participants	: Faculty and Students

36.	Date	: 19-01-2013
	Venue	: Jamal Mohamed College, Tiruchirappalli
	Resource Person	: Mr. Sankaranarayanan Jambunathan,
		Senior Director
		Cognizant Technology Solutions, Chennai
	Topic	: Career Opportunities in IT
	Participants	: Faculty and Students

37.	Date	: 21-01-2013
	Venue	: Jamal Mohamed College, Tiruchirappalli
	Resource Person	: Mr. S. Mohammed Hosik
		Wipro Infotech, Mysore
	Topic	: Current Trends in Networking
	Participants	: Faculty and Students

38.	Date	: 12-02-2013
	Venue	: IE-TLC Lecture Hall, BHEL, Tiruchirappalli
	Resource Person	: Mr. C.T. Praveen Kumar
		Asst. Engineer
		Informatics Centre, BHEL, Tiruchirapalli
	Topic	: Wndows Power Shell
	Participants	: Academicians, Industrialists and Students

39.	Date	: 12-02-2013
	Venue	: Bharathidasan University Technology Park, Tiruchirappalli
	Resource Person	: Mr. A. Jahir Hussain
		Assistant Professor, Department of Computer Science & Engg.
		M.A.M. College of Engineering, Tiruchirappalli
	Topic	: Mobile Computing
	Participants	: Academicians, Industrialists and Students

40.	Date	: 26-02-2013
	Venue	: Bharathidasan University Technology Park, Tiruchirappalli
	Resource Person	: Mr. Vasudevan
		Assistant Professor, Department of Computer Science & Engg.
		M.A.M. College of Engineering, Tiruchirappalli
	Topic	: Grid Computing
	Participants	: Academicians, Industrialists and Students

41.	Date	: 12-03-2013
	Venue	: IE-TLC Lecture Hall, BHEL, Tiruchirappalli
	Resource Person	: Mr. S. Karthik
		Systems Engineer
		Department of ITS & S, BHEL, Tiruchirapalli
	Topic	: Application of Image Processing & Data Compression
	Participants	: Academicians, Industrialists and Students

42.	Date	: 12-03-2013
	Venue	: Jamal Mohamed College, Tiruchirappalli
	Resource Person	: Mr. Javid Ahamed, Creative Director, MaxVision International
		Jeddah, Saudi Arabia
	Topic	: Recent Trends in Graphics Designing, Advertising and Branding
	Participants	: Faculty and Students

CONFERENCES / WORKSHOPS / SYMPOSIUMS / EXHIBITIONS

01. Faculty Empowerment Program : 16-04-2012

A Faculty Empowerment Program on '*Role of Computers in the Modern Aircrafts*' was organized in the Department of Computer Science and Engineering, M.A.M. College of Engineering in association with the CSI Tiruchirappalli Chapter on 16th April 2012. Dr. K.V. Perumal, Head, Department of Aeronautics, M.A.M. School of Engineering delivered the lecture. In his speech he explained the different type of modern aircrafts and the functions of various computer controlled aircrafts with respect to transport, transporting special cargo, reconnaissance & surveillance, aerial warfare, force multipliers, remote sensing, weather data collection, sports flying - aerobatics, stunt flying, para jumping sky diving, free fall, coast guard duty, air ambulance forest, fire fighting, making artificial rains – cloud seeding, watching volcanoes, building skyscrapers, moving VIPs and rapid actions. Around 35 faculty members participated.

02. Faculty Empowerment Program : 18-04-2012

A Faculty Empowerment Program on '*Research Issues in Computers*' was organized by the Department of Computer Science and Engineering, M.A.M. College of Engineering on   18th April 2013. Dr. M.A. Maluk Mohamed, Principal, M.A.M. College of Engineering delivered the lecture. In his talk, he explained the various research issues in computer science. He emphasized that every problem in our day-to-day activity paves way for research and a solution can easily be obtained. The entire faculty of the department participated and derived benefits.

03. Faculty Contest : 07-05-2012

The Computer Science and Engineering Department of M.A.M. College of Engineering in association with the CSI Tiruchirappalli Chapter organized a one day '*Faculty Contest'* event on

07.05.2012. The events, such as, Technical Quiz, General Knowledge Quiz and Specialization based activities were conducted for the faculty members of the CSE department.

Initially the prelims were conducted on computer fundamentals and five teams were selected based on the score. The winners were selected based on their general knowledge, computer programming skills and observation skill. The Role Play on Data Structure, Operating Systems, Computer Network and DBMS were demonstrated by different groups. The events were conducted by Prof. S. Ravimaran Head, Department of CSE. All the faculty members participated with great enthusiasm. At the end of events prizes were distributed for the winning team. A.Jahir Husain and his team won the First prize in quiz and J. Naveen and his team won the second prize in activity contest.

04. TRIGGER-2012 : 03-09-2013 & 04-09-2013

An Inter School Semi Technical Competition was organized by the Department of Computer Science and Engineering, M.A.M. College of Engineering, jointly with Computer Society of India Tiruchirappalli Chapter on 3rd 4th September 2012 to motivate the school children and to channelize their talents and knowledge in the constructive development of the society and aims at inculcating the ability to think out of box and innovatively.

Mr. F.A.S Surendar, Vice Principal, R.S.K. Higher Secondary School, Tiruchirappalli, was the Chief Guest of the day. In his special address he addressed the need for such events and said that they give a comfortable and conducive platform to the school children to bring to light their hidden talents and appreciated the contributions of the Principal, Dr. M.A. Maluk Mohamed, and the Secretary, Mr. M.A. Mohamed Nizam. He also quoted about the change management strategy. He insisted on the necessity of changing and adopting our attitudes to get into the winning situations. He congratulated all the students who had the caliber to come forward and participate in all the events despite the reality that there can be only one trophy.

Dr. M.A. Maluk Mohamed, Principal, M.A.M. College of Engineering, Tiruchirappalli felicitated the gathering. More than 300 students from 12 different schools in and around Tiruchirappalli participated in various events like Innovators (Idea Presentations), X- Bosers, Geek Wiz (Science Quiz), Company Chaos (Ad – Zap), Xpress Avenue, Math Magic (Aptitude Test), Colorful Bliss, Seek Me Out, Mr & Mrs TRIGGER 2012., Turn Coat and Mimer Mania (Mime).

Dr. M.A. Maluk Mohamed, Principal, MAMCE delivered the valedictory address and distributed the certificates and trophy to all the winners. Mr. TRIGGER 2012 was bagged by S. Babu of R.S.K. Hr. Sec. School and Ms. TRIGGER 2012 was bagged by Ms. Arthika Srinithi of Monfort Hr. Sec. School based on their all-round performance. The Overall Championship Trophy of TRIGGER 2012 was won by the students of Monfort Hr Sec School, Tiruchirappalli.

05. Workshop on Virtualization Technologies in Distributed Computing : 28-09-2012

The Department of Computer Science and Engineering, M.A.M. College of Engineering, jointly with Computer Society of India Student Chapter conducted a one day workshop on '*Virtualization Technologies in Distributed Computing*' on 28th September 2012. Dr. K. Chandra Sekaran from NIT,

Suratkal, Mangalore, Karnataka was the resource person. The final year U.G and first year and second year P.G students of the Computer Science department participated.

The comparative understanding between Virtual Memory concept and Virtualization Technology given by the resource person was excellent which easily helped the audience to understand what Virtualization is. The author also discussed how Virtualization technology partially addresses the problem faced by Distributed Computing. The description about Virtual Machine Monitors or Hypervisors the engine behind making Virtualization a reality was excellent. The daylong session was summarized with the use of Case Tools and white papers that helped and leveraged greatly the understanding and working of Virtualization Technologies.

06. SWAP 2K12 : 10-10-2012 & 11-10-2012

The Department of Computer Science and the CSI Tiruchirappalli Chapter organized an Inter-Collegiate Technical Symposium, SWAP 2K12, on 10th & 11th October 2012. Dr. A. Zameer Pasha, Chairman, Hospitals Board of India, New Delhi and Chief General Surgeon, Shanawaz Hospital, Tiruchirappalli inaugurated the two-day proceedings. Prof. G. Ravi, Head and Convener welcomed and Dr. R. Khader Mohideen, Principal, presided over the function.   Dr. A.K. Khaja Nazeemudeen, Secretary & Correspondent, felicitated. Mr. N. Hyder Ali, Vice-Chairman, SWAP 2K12 proposed a vote of thanks.

Various events such as Animation, Debugging, Extempore, IT Marketing, Online Event, Quiz, Stress Management, Surprise Event, Short Film, Treasure Hunt, Web Design, and Word Hunt were conducted. Around 225 students from 45 Arts, Science & Engineering Colleges and Universities participated in the technical extravaganza with great enthusiasm. The overall championship was bagged by the students of Christ College of Engineering & Technology, Pondicherry.

Dr. M. Maluk Mohamed, Principal, M.A.M. College of Engineering, Tiruchirappalli and the CSI State Student Coordinator, delivered the valedictory address and distributed the prizes and certificates to the winners. To commemorate the occasion of SWAP 2K12 a souvenir was released by the chief guest. The first copy of the souvenir was received by our Secretary & Correspondent, Dr. A.K. Khaja Nazeemudeen. The new website of our college, developed by the students, Mr. M. Dhanaraj, Mr. Ashok Kumar, Mr. Y. Thakir Ijas and Mr. Shakubar Sathik, under the guidance and supervision of Dr. T. Abdul Razak, Associate Professor of Computer Science and Secretary CSI, Tiruchirappalli Chapter, was launched by Mr. M.J. Noordeen, President, Dr. A.K. Khaja Nazeemudeen, Secretary & Correspondent, and Mr. K.A. Khaleel Ahamed, Treasurer of our college management committee. Dr. T. Abdul Razak, Staff Advisor – SWAP 2K12, delivered the welcome address. Mr. M. Ahamed Hussain, Chairman, SWAP 2K12, presented the SWAP 2K12 report. Dr. R. Khader Mohideen, Principal, Jamal Mohamed College presided over the function. Dr. A.K. Khaja Nazeemudeen, Secretary & Correspondent felicitated and Mr. M. Ibrahim Mubeen, Secretary, SWAP 2K12, thanked.

07. Book Exhibition : 09-01-2013

The Bharathidasan University Technological Park (BUTP) in association with the CSI Tiruchirappalli Chapter organized a Book Exhibition on 9th January 2013. A good collection of books covering a wide variety of topics in computer science & engg., computer application and information technology were kept on display by leading book sellers. The Exhibition was inaugurated by Dr. Gopinath Ganapathy, Director, BUTP. The students, faculty members and research scholars visited the exhibition and derived benefits.

08. VARIT 2K13 : 19-01-2013

Jamal Mohamed College, Tiruchirappalli and the CSI Tiruchirappalli Chapter organized an Inter-Collegiate Technical Symposium for the under graduate students of arts, science and engineering colleges on 19th January 2013. Mr. Sankaranarayanan Jambunathan, Senior Director, Cognizant Technology Solutions, Chennai inaugurated the proceedings. Mr. K.N. Abdul Khadar Nihal, Head and Convener welcomed and Dr. R. Khader Mohideen, Principal, presided over the function. Dr. A.K. Khaja Nazeemudeen, Secretary & Correspondent, felicitated. Dr. T. Abdul Razak, Coordinator, Department of Information Technology introduced the chief guest earlier. To commemorate the occasion of VARIT 2K13, a souvenir was released by the chief guest. The first copy of the souvenir was received by our Secretary & Correspondent. Mr. Mohamed Mohaideen, Secretary, VARIT 2K13, proposed a vote of thanks.

The students from about 17 Arts, Science & Engineering Colleges participated in the symposium in which events like Bug-Zap, Web-Master, Ad-Venture, Tech-Hunt and Hardware Assembling were conducted.

Mr. Ajmal Sait, Senior Delivery Manager, BI/EDW. Bangalore delivered the valedictory address and distributed the prizes and certificates to the winners. Mr. D. Arun Vijairaj, Vice President of the Computer Science and IT association, delivered the welcome address. Mr. Y. Mohammed Iqbal, Chairman, VARIT 2K13, presented the report of the proceeding of the day. Dr. R. Khader Mohideen, Principal, presided over the function. Dr. A.K. Khaja Nazeemudeen, Secretary & Correspondent felicitated and Mr. S. Peerbasha, the staff-inchage of VARIT 2K13 thanked.

The students of Srimathi Indira Gandhi College for Women, Tiruchirappalli won the overall championship and the students of M.A.M. College of Engineering, Tiruchirappalli won the second place.

09. Workshop on Research Methodology in Computer Science : 23-01-2013 & 24-01-2013

The department of computer science, Jamal Mohamed College and the CSI Tiruchirappalli Chapter organized a two-day workshop on "Research Methodology in Computer Science" on 23rd and 24th January 2013 for the scholar of M.Phil.

On 23rd January 2013, Dr. E. George Dharma Prakash Raj, Department of Computer Science, Bharathidasan University inaugurated the workshop and delivered a talk on "Research Issues in

Computer Networks". Dr. L Arockiam, Department of Computer Science, St. Joseph's College, spoke on "Research issues and Challenges in Cloud Computing". Mr. N. Arul Kumar, Department of Computer Science, Bishop Heber College gave a demo and a hands-on session on NS-2.

On 24th January 2014, Dr. A. Nagoor Gani, Department of Mathematics, Jamal Mohamed College delivered a lecture on "Solving Computer Science Problems through Fuzzy Logic. Dr. G.S. David Sam, Jamal Institute of Management demonstrated the usage of SPSS package for research. Dr. A.R. Mohamed Shanavas, Department of Computer Science, Jamal Mohamed College gave a demo and conducted a hands-on session on MATLAB.

10. COMBLAZE-2013 : 07-03-2013 & 08-03-2013

The Department of Computer Science and Engineering, M.A.M College of Engineering, and the Computer Society of India Tiruchirappalli Chapter jointly conducted COMBLAZE 2013 – 12th National Level Technical Symposium on the 7th and 8th of March 2013. The Symposium was inaugurated by Dr. M.A. Maluk Mohamed, Principal. Shri G.S. Raghunathan Vice–Chairman, CSI Tiruchirappalli Chapter, Additional General Manager, Informatics Center, BHEL, Tiruchirappalli delivered the valedictory address and distributed the prizes and certificates to the winners. The students of Mookambikai College of Engineering won the overall championship trophy and the team from Saranathan Engineering College was declared runners. About 181 participants from 20 institutions in and around Tamil Nadu participated in the 11 events.

11. National Workshop on Mobile Cloud Computing : 09-03-2013

The Computer Society of India Tiruchirappalli Chapter and M.A.M College of Engineering jointly organized a National Workshop on '*Mobile Cloud Computing*' on 9th March 2013. Dr. T. Abdul Razak, Secretary, CSI-Tiruchirappalli Chapter welcomed the gathering. Dr. Gopinath Ganapathy, Chairman, CSI-Tiruchirappalli Chapter and Director, BUTP, Tiruchirappalli delivered the Presidential address. Dr. Pethuru Raj, TOGAF – Certified[EA] Consultant , Wipro Technologies, Bangalore was the resource person of the workshop. He also delivered the Keynote address.

In his Keynote address Dr.Pethuru Raj talked about the emerging trends in cloud computing. The resource person gave introduction on what is Cloud and talked all the way on how it has become an advanced infrastructure. The concept of renting out a Companies Infrastructure with the sole aim of utilizing the infrastructures full capacity it being the ideas behind Cloud Computing started way back in 2006 and 2007, Google, Salesforce.com and Amazon being the forerunners. Pay as you use where computing has become a utility and pervasive computing are becoming the mantra. Everything is in the cloud and could be put into the cloud. Applications designed could be put into the cloud and the end user can use it from the cloud. Dr.Pethuru Raj shared his experience where ever required and sighted real time challenges faced in Wipro when 60 companies that where found to be under utilized in Wipro that where networked together to form Wipros first Private cloud exclusively for Wipro employees.

Dr.Pethuru Raj also gave an insight into the Code Development aspects future trends where he talked about how UML Models could be transfered into 85 percent of program codes and the only

remaining 15 percent requires that of human intervention and how modules that could take 3 to 6 months to complete in the past has shrunk to 5 – 10 minutes of work.

In the afternoon session, a Demonstration of Mobile Cloud was given by Mr.Gajendran Ganesapandian, Subject Matter Expert, Ebay – Paypal India Development Center, Chennai. Faculty members, research scholars and students from various colleges participated.

12. Workshop on Android Applications Development : 04-03-2013

The Department of Computer Science, Jamal Mohamed College and the CSI Tiruchirappalli Chapter conducted a workshop on 'Android Applications Development' on 4th March 2013. Prof. S.T. Rajan, Head, Department of Computer Science, St. Joseph's College, Tiruchirappalli was the Resource Person. Post graduate students of computer science and applications participated. The workshop focused on generation of ideas, installation of Android development tools, design and development of android applications. The exhaustive hands-on session helped the participants to transform their ideas into android applications.

13. TECHUNT 2013 : 04-03-2013 & 05-09-2013

A National hunt for 'India's Student Entrepreneur of the Year', Mobipreneur Workshop and Competition series, TECHUNT-2013, was jointly hosted by Nurture Talent Academy and Computer Society of India Tiruchirappalli Chapter at M.A.M College of Engineering on 4th & 5th March 2013. Nurture Talent Academy's training program aims to train and mentor technology students and professionals with the help of Industry veterans and entrepreneurs with the sole aim of creating and enabling 1000 entrepreneurs to start up in next five years. Mr. Karthik Ragubathy, Founder of LearnFlow was the resource person for the workshop. 74 students cutting across different semesters of the college as well as post graduate students attended the workshop.

On the first day of the Workshop, the students were encouraged to generate their own ideas for mobile application with their own teams. The workshop focused on developing applications for Android using the Eclipse IDE and Android SDK. On the second day, the workshop focused on building notifications, login screens and other important features in Android.

After the workshop, the stage was all set for participants to compete against each other for reaching the stage-2 Mentoring Round of TECHUNT. 20 teams came together, brainstormed and presented some revolutionary mobile application ideas. Based on the presentations, ideas and innovations, 3 teams from M.A.M College of Engineering were selected. These teams will now move on to the Second Round of TECHUNT, where they will receive mentorship from industry professionals and mobile entrepreneurs. This process will be completed by the end of October 2013 depending on the zones in the country. From the Second Round, 30 teams will be selected to the Grand Finale at IIT Bombay to be held in November 2013.

AWARDS AND RECOGNITIONS [2011 – 2012]

Special Chapter Award

The Computer Society of India Tiruchirappalli Chapter won the *"Special Chapter Award"* for the year 2011-2012, Dr. Gopinath Ganapathy, Past Vice Chairman, & Prof. S. Ravimaram, Past Secretary, received the award.

Significant Contribution Award - National Level

The CSI Awards Committee has unanimously conferred the *"Significant Contribution Award-National Level"* to Dr. M. A. Maluk Mohamed, Principal, M.A.M. College of Engineering.

Best Student Branch Award

M.A.M. College of Engineering, Siruganur, Tiruchirappalli won the *"Best Student Branch Award"* in the region VII for the year 2011-2012. Prof. S. Ravimaran, Head, Department of Computer Science & Engineering, and Past Secretary or our chapter received the award on behalf of M.A.M. College of Engineering - Student Branch.

All these awards were presented during the CSI National Convention held at Kolkata on 1st and 2nd December, 2012.

CASCADE
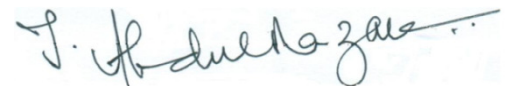
The newly designed e-Newsletter of the CSI Tiruchirappalli Chapter, CASCADE, was released in January 2013. The issue was circulated among the members.

ACKNOWLEDGEMENT

The overall performance of the Chapter was excellent during the year 2012-2013. The efforts and contributions of all the office bearers and other management committee members were commendable and have to be greatly acknowledged. I take this opportunity to express my sincere thanks and gratitude to all the management committee members, bankers, and auditors, for their selfless support, encouragement, and cooperation extended for the smooth conduct of all the activities during the year 2012-2013. I place on record my heartfelt thanks to the Management, Heads of Departments, student branch coordinators, and other faculty members of all the colleges and BUTP for providing the necessary infrastructure and other facilities to conduct various programs.

Place : Tiruchirappalli   **Dr. T. Abdul Razak**

Date : 23-09-2013   Secretary

ANNUAL ACCOUNTS FOR THE YEAR 2012-2013

<table>
<tr><td colspan="7" align="center">COMPUTER SOCIETY OF INDIA
TIRUCHIRAPPALLI CHAPTER
RECEIPTS & PAYMENTS FOR THE YEAR ENDED MARCH 2013</td></tr>
<tr><td colspan="3" align="center">RECEIPTS</td><td colspan="4" align="center">PAYMENTS</td></tr>
<tr><td></td><td>Rs</td><td>Rs</td><td></td><td></td><td>Rs</td><td>Rs</td></tr>
<tr><td>Opening Balance</td><td></td><td></td><td colspan="2">Printing & Stationeries</td><td></td><td>323.00</td></tr>
<tr><td>Cash</td><td>396.62</td><td></td><td colspan="2">Postage & Courier</td><td></td><td>135.00</td></tr>
<tr><td>SB a/c with SBI,Tiruchy</td><td>210399.56</td><td></td><td colspan="2">AGM Expenses</td><td></td><td>10445.00</td></tr>
<tr><td>Fixed Deposits with Banks</td><td>877699.00</td><td>1088495.18</td><td colspan="2">Aayudha Pooja</td><td></td><td>1000.00</td></tr>
<tr><td></td><td></td><td></td><td colspan="2">sponsorship</td><td></td><td>10890.00</td></tr>
<tr><td></td><td></td><td></td><td colspan="2">Lecture</td><td></td><td>14820.00</td></tr>
<tr><td>FD Interest</td><td></td><td>71651.00</td><td colspan="2">Meeting</td><td></td><td>6183.00</td></tr>
<tr><td>HQ Share</td><td></td><td>83475.00</td><td colspan="2">Seminar</td><td></td><td>10000.00</td></tr>
<tr><td>SB A/C Interest</td><td></td><td>10105.00</td><td colspan="2">Rent</td><td></td><td>3000.00</td></tr>
<tr><td></td><td></td><td></td><td colspan="2">Misc.Expenses</td><td></td><td>20.00</td></tr>
<tr><td></td><td></td><td></td><td colspan="2"></td><td></td><td></td></tr>
<tr><td></td><td></td><td></td><td colspan="2">Closing Balance</td><td></td><td></td></tr>
<tr><td></td><td></td><td></td><td colspan="2">cash</td><td>3202.62</td><td></td></tr>
<tr><td></td><td></td><td></td><td colspan="2">SB a/c with SBI,Tiruchy</td><td>216008.56</td><td></td></tr>
<tr><td></td><td></td><td></td><td colspan="2">Fixed Deposits with Banks</td><td>977699.00</td><td>1196910.18</td></tr>
<tr><td></td><td></td><td></td><td colspan="2"></td><td></td><td></td></tr>
<tr><td></td><td></td><td></td><td colspan="2"></td><td></td><td></td></tr>
<tr><td align="center">Total</td><td></td><td>1253726.18</td><td colspan="2" align="center">Total</td><td></td><td>1253726.18</td></tr>
</table>

Place : Tiruchirappalli
Date: 02-09-2013

TREASURER   SECRETARY   CHAIRMAN

COMPUTER SOCIETY OF INDIA

TIRUCHIRAPPALLI CHAPTER

INCOME & EXPENDITURE ACCOUNTS FOR THE YEAR ENDED 31ST MARCH 2013

PREVIOUS YEAR (Rs.)	INCOME	Rs.	CURRENT YEAR (Rs.)
	Course in Advance Technical Area		
	1. Courses		
	2. Examinations		
	3. Competitions		
	Conferences Concerned with Development of Technology & Education		
	1. Technical Seminars/Events		
	2. Technical Lectures		
	3. Student Activities		
	a. HQ Payment to AV Engg College		
	b. One day workshop		
	c. YITP Activities		
	Membership share from Head Office (Chapter Share)		
	Chapter Share received from Educational Directorate- Chennai		
	Bank Interest		
	1. On Fixed Deposits with Banks	71651.00	
	2. On savings Account with Banks	10105.00	81756.00
	Income from Investment - Gross		
	(i.e. interest on deposit with PS Companies)		
	Grants/Sponsorships		
	Grants Received		
	Sponsorship		
	Income Pertaning to Previous Year		
	Chapter Share Received from HQ 2012-2013		83475.00
	Miscellaneous		
	Hall Hire Charges		
	Contribution Received		
	Total		**165231.00**

Place : Tiruchirappalli
Date: 02-09-2013

TREASURER   SECRETARY   CHAIRMAN

COMPUTER SOCIETY OF INDIA

TIRUCHIRAPPALLI CHAPTER
INCOME & EXPENDITURE ACCOUNTS FOR THE YEAR ENDED 31ST MARCH 2013

PREVIOUS YEAR (Rs.)	EXPENDITURE	Rs.	CURRENT YEAR (Rs.)
	Course/ Examination in advance Technical Area		
	1. Courses Material		
	2. Honorarium		
	3. Other Course Expenditure		
	Technology & Education		
	1. Technical Seminars/Events/Activities	10000.00	
	2. Technical Lectures	14820.00	
	3. Exhibitions & Others		
	4. Student Activities/ I Day Workshop		24820.00
	Books Publications (Newsletter Expenses)		
	Establishment		
	(Details as per Schedule B)		
	Administration		
	(Details as per Schedule C)		21106.00
	Prior Period Expenses		
	Office Rent		
	Ayudha Pooja		
	Farewell to Patron		
	Postage		
	Telephone Ch		
	AGM Exp		
	Student Activities		10890.00
	Lecture Programmes		
	Depreciation on Fixed Assets		551.00
	Surplus being excess of Income Over Expenditure		
	Transferred to Balance Sheet		107864.00
	Total		**165231.00**

Place : Tiruchirappalli
Date: 02-09-2013

TREASURER   SECRETARY   CHAIRMAN

COMPUTER SOCIETY OF INDIA
TIRUCHIRAPPALLI CHAPTER
ACCOUNTING YEAR ENDING 31ST MARCH 2013

SCHEDULE 'A'

Particulars	W D V as on 01.04.12	Deletions	Additions		Total	Depn %	Amt of Depn.	W D V as on 31.03.2013
			Upto Sep 12	After Sep 12				
Furniture & Fixture	4601.00	-	-	-	-	10.00	461.00	4140.00
Office Equipment	603.00	-	-	-	-	15.00	90.00	513.00
Total	**5204.00**	-	-	-	-		**551.00**	**4653.00**

Place: Tiruchirappalli
Date: 02-09-2013

TREASURER   SECRETARY   CHAIRMAN

PREVIOUS YEAR (Rs.)	COMPUTER SOCIETY OF INDIA TIRUCHIRAPPALLI CHAPTER ACCOUNTING YEAR ENDING 31ST MARCH 2013 ESTABLISHMENT EXPENSES (SCHEDULE 'B') PARTICULARS	CURRENT YEAR (Rs.)
-	Salaries & Wages	-
-	Honorarium Expenses	-
	TOTAL	-

Place : Tiruchirappalli
Date: 02-09-2013

TREASURER   SECRETARY   CHAIRMAN

COMPUTER SOCIETY OF INDIA
TIRUCHIRAPPALLI CHAPTER
ACCOUNTING YEAR ENDING 31ST MARCH 2013
ADMINSTRATION EXPENSES (SCHEDULE 'C')

PREVIOUS YEAR (Rs.)	PARTICULARS		CURRENT YEAR (Rs.)
	Printing & Stationery		323.00
	Postage, Courier & Telegram	-	135.00
	Telephone, Telex/Fax		
	Rent, Rates & Taxes		3000.00
	Electricity		
	Advertisement		
	Travelling		
	Conveyance		
	Staff Welfare		
	Website		
	Meeting Expenses		6183.00
	Election Expenses		
	Office Maintenance Expenses		
	Library (Honorarium to Librarian)		
	Repairs & Maintanance		
	Building		
	Office Euipment, Furniture and Fixtures		
	Accounting Charges		
	Newspaper & Periodicals		
	Reference Books		
	Celebrations/Functions		
	AGM Expenses		10445.00
	Ayudhapooja Expenses		1000.00
	Bank Charges		
	Other Miscellaneous Expenses		20.00
	Auditor Remuneration		
	Audit Fees		
	for Expenses		
	Total		**21106.00**

Place : Tiruchirappalli
Date: 02-09-2013

TREASURER   SECRETARY   CHAIRMAN

COMPUTER SOCIETY OF INDIA

TIRUCHIRAPPALLI CHAPTER
BALANCE SHEET AS ON 31ST   MARCH 2013

PREVIOUS YEAR (Rs.)	ASSETS	Rs.	CURRENT YEAR(Rs.)
	1. Fixed Assets		
	Net Block - (Schedule - A)		
5204.00	(Written down value as on 31.03.2013)		4653.00
	2. Investment in Fixed Deposits		
	with Public Sector Companies		
	3. Current Assets, Loan & Advances		
	A. Current Assets		
	a. Interest Accrued on Fixed Deposit		
	b. Sundry Debtors- Unsecured considered good		
	For Advertisement		
	For Others		
396.62	c. Cash & Cheques in Hand	3202.62	
	d. Balance with Scheduled Banks		
	In Current Account		
210399.56	In Savings Bank Account	216008.56	
877699.00	In Fixed Deposit	977699.00	1196910.18
	B. Loans & Advances - Unsecured Considered good		
	a. Chapter Share receivable from HQ		
	b. Advance for Expenses		
	c. Receivables for Sponsorship		
	d. Prepaid expense		
1093699.18	**TOTAL**		**1201563.18**

Place : Tiruchirappalli
Date: 02-09-2013

TREASURER   SECRETARY   CHAIRMAN

	COMPUTER SOCIETY OF INDIA		
	TIRUCHIRAPPALLI CHAPTER **BALANCE SHEET AS ON 31ST MARCH 2013**		
PREVIOUS YEAR (Rs.)	**LIABILITIES**	**Rs.**	**CURRENT YEAR(Rs.)**
	1. Funds		
	a. General Fund/Income & Expenditure A/C		
	Opening Balance	1093699.18	
	Add: Surplus-Excess of Income over Expenditure	107864.00	1201563.18
	b. Building Fund		
	C. Library Fund		
	d. Other Funds (Infrastructure needs)		
			1201563.18
	2. Loans & Advances		
	a. Loan from HQ for acquring Building Premises		
	b. Any other loan from HQ		
	c. Membership Subscription and life membership		
	payable to HQ+B21		
	d. Other loans- Co-ordinators (Student Broucher)		
	3. Current liabilities & Provisions		
	a. Sundry Creditors for Expenses - (Schedule - F)		
	b. Provision for Expenses		
	c. Provision for other liabilities.		
	d. Security/other Deposits Received		
	e. Lecture/Programme Outstanding Exp.		
	f. Library Deposits (Caution Money)		
	TOTAL		**1201563.18**

Place : Tiruchirappalli

Date: 02-09-2013

TREASURER   SECRETARY   CHAIRMAN