

Karnataka CSI Student Branch Meet

Saturday 2nd August, 2014

CSI Karnataka Student Branch Office Bearers

Regional Student Coordinator : Mr. Vishwas Bondade

(vishwasbondade@gmail.com)

Karnataka State Student Coordinator : Prof. Shantaram Nayak

(shantaram_nayak@yahoo.com)

Chairman – Bangalore Chapter : Mr.Chandar Mannar

(c.mannar@phoenixlogin.com)

Vice Chairperson – Bangalore Chapter – Mrs.Bhanumathi.S

(bhanushekar@gmail.com)

Regional Vice President – Mr. Raju Kanchibothla

(Kanchibhotla@gmail.com)

National Student Committee

NATIONAL STUDENT COMMITTEE comprises

- * National Student Coordinator (as Chairman) – Prof. Mini Ulamat
- * Divisional Chairman (Education & Research)
- * All Regional Student Coordinators
- * Director – Education, CSI – Mr.Rajan T Joseph

This committee will advice ExecCom and recommend guidelines for advancement of student activities

Mandatory Activities of a Student Branch in your Colleges

- Monthly Tech talks / workshops
- Theme Conference
- Tech Fest
- Annual General Meeting
- Socially Relevant Projects/Programs (eg. Outreach program for rural schools)
- Participation in at least 1 CSI convention (State/Regional/ National) .
- Participation in local chapter events
- Participation in CSI contests (Quiz/Projects)

CSI Support to Student Branches

- Arrange Industry talks, Seminars, Workshops
- Opportunity for students to interact with Industry professionals and chalk out a career path
- Eligibility to publish articles in CSI communications and journal for student members
- Eligibility to be nominated for the best Student paper in CSI communications
- Eligibility for CSI funded minor projects (for College Students)
- Permission to conduct events under CSI Banner

CSI Support to Student Branches

- Additional 4 copies of CSI Communications to the institution & log-in privilege to the students on CSI knowledge portal with access to distinguished speaker list
- Attachment to a Regional Student coordinator & National Student coordinator for assistance with resource persons for various events and chapter support to organize seminars / workshops / tutorials / competitions / Expo
- Invitation for all Regional/State/National student conventions/ conferences and competitions
- Concessional rates for CSI Conferences and Tutorials for student members

CSI Support to Student Branches

Industry Projects :

Name of the Organisation	Contact person	E-mail:
KAIWAN TECH,a division of Designer Graphix.	Kaiwan N Billimoria	kaiwan@kaiwantech.com , kaiwan.billimoria@gmail.com
Ribhu Info Solutions	Mr. M.S. Somaiah	mssomaiah@gmail.com
Systech Software		vivekshah@systechsoftwares.com
CyberPlus Infotech Pvt. Ltd.	Nagesh Rao, Managing Director	nagesh.rao@cyberplusit.com
Maruthi Quality Management Services Pvt. Ltd.	Radharamanan (Rad) Hariharan, MD & Principal Consultant	radharamanan@maruthiquality.com
Harvest Infotech Pvt Ltd	S.M.Hasan	syed.hasan@harvestglobal.com
Affinity Software	Vijay Datar	vijay@affinity-soft.com

CSI Support to Student Branches

Industry Projects :

Name of the Organisation	Contact person	E-mail:
VEERAS INFOTEK PRIVATE LIMITED	Belinda Melville	Belinda@veeras.com
Strategic outsourcing services pvt ltd.	Nataraj – VP Operations	nataraj@strategicmail.co.in
TESSOLVE	Narain Raamkumar CFO	narain.raamkumar@tessolve.com
Exultsoft Technologies Pvt.Ltd.	Shankar A.B. Chief Executive Officer	abshankar@exultsoft.com
XtremeData Technologies Pvt. Ltd.	Suren M	suren@xtremedatainc.com >

Travel Grants to Researchers

Research Committee of Computer Society of India has decided to fund CSI Life Members and CSI Student Members to the extent of Rs. 25000/ for travelling abroad to present research papers at Conferences.

CSI Life Members/ CSI Student Members who have been invited to present papers abroad and have received partial or no funding are eligible to apply

Travel Grants to Researchers

Applications should be sent by email to div-5@csi-india.org with the Subject : Travel Grants with the following details.

1. Name of the Applicant, Organization Details and Bio Data of Applicant
2. CSI Life Membership/ CSI Student Membership Number
3. Name of the International Conference with details of the organizers
4. Venue and Date of the Conference
5. Copy of the Research Paper
6. Copy of the Invitation Letter received from the organizers
7. Details of funding received from/ applied to, any other agency
8. Justification for requesting support (in 100 words)
9. Two References (including one from head of the organization/institution)

Student Convention

- State Student Convention
(2014-15 MVJ College of Engineering)
- Regional Student Convention
(Hyderabad in December)
- National Student Convention

Events Calendar – CSI, BC

August- 2014

1st to 3rd Aug.2014	Three day Workshop on IPV6 Security Course	Mrs. Bhanumathi K.S. E-mail: bhanushekar@gmail.com		<ul style="list-style-type: none"> • CSI Member Rs. 15000/- Per Participant plus service tax • Non CSI Member Rs. 18000/- Per Participant plus service tax • Additional Certification fees is Rs 6000/- for CSI Members and • Rs 8000/- for Non CSI Members
6th Aug.2014	Hands on Cloud Computing Workshop	Mrs. Bhanumathi K.S. E-mail: bhanushekar@gmail.com	http://www.merarevents.com/event/hands-on-cloud-computing-workshop-july14	<ul style="list-style-type: none"> • CSI - Member Rs. 2850/- • Others Rs. 3400/- • CSI Student Member Rs. 1150/- • Other Students Rs. 1700/-

Events Calendar – CSI, BC

11th Aug 2014	One Day Workshop on “Design Patterns”	Mrs. Bhanumathi K.S. E-mail: bhanushekar @gmail.com		<ul style="list-style-type: none"> • CSI - Member Rs. 1350/- • Others Rs. 1700/- • CSI Student Member Rs. 900/- • Other Students Rs. 1150/-
8th & 9th Sept. 2014	<u>Application of IT in Manufacturing Industries , Overall Efficiency Enhancement, New Trends and Directions - These will cover in depth matters.</u>	Dr. Arindam Sen E- mail:arin_sen @yahoo.com		
3rd - 4th Sept.-2014	National Conference on IT in Defence 2014	Dr. C.R. Chakravarthy Event Chair E-mail: drchakra32@ gmail.com	http://www.merarevents.com/event/9th-national-conference-on-it-for-defence-2014	<ul style="list-style-type: none"> • Members of CSI, IEEE - Industry, Corporate, R&D Labs Rs. 3000/- • Non Members - Industry, Corporate, R&D Labs Rs. 4000/- • Student Member of CSI & IEEE and CSI Member Academicians Rs. 2000/- • General Academicians & Students Rs. 2500/-

Events Calendar – CSI, BC

14&15 September 2014	Research Methodologies and Latex CSI premises, Bangalore	Dr. Sarojadevi H. Email: hsarojadevi@gmail.com		<ul style="list-style-type: none"> • Non Members - Industry, Corporate, R&D Labs Rs. 1500/- • General Academicians & Students Rs.1000/- • CSI member/IEEE member Rs.500/-
19 th & 20 th Sept. 2014	FDP at Belgaum	Ms. Sudha Raju E-mail: sdh.raju@gmail.com		
17 th & 18 th Octob e2014	National Conference on Formal Methods	Mrs.Bhanumat hi K.S. E-mail: bhanushekar@gmail.com	http://www.csibc.org/index.php/about-csi/csi-sig-formal-methods	
3 rd to 5 th Oct, 2014	Three day Workshop on IPV6 Security Course	Mrs. Bhanumathi		<ul style="list-style-type: none"> • CSI Member Rs. 15000/- Per Participant plus service tax

Events Calendar – CSI, BC

Date TBF	National Conference on Cyber Space Security	Mr.Iqbal Ahmed E-mail: iqbalahmed@acharya.ac.in		
Nov. Date TBF	Student convention	Dr.Shantaram Naik		
13th to 15th Dec 2014	CSI Annual Convention at Hyderabad			

Recent Training Program offered by CSI Education Directorate (July 2014)

Sl. No	Topics	Duration	Broad Content
1.	Wireless Sensor Networks (WSN)	1 day	The applications of Wireless Sensors and the networks are expanding at a rapid pace. They find deployment in healthcare, resource tracking, weather, disaster management, agriculture, instrumentation etc. The programme aims at an overall familiarization with systems and utilization, to enable the participants to be aware of the broad performance requirements of the sensors, motes, networks, and the software systems. The programme encompasses the theoretical and practical factors for the design and usage of systems for wide ranging applications, to create initial exposure to the technology
2.	Cloud Computing with Amazon Web Services	1 day	AWS Overview, AWS Security, Working with Elastic Cloud Computing (EC2), Working with Virtual Private Clouds (VPC), Elastic IP, Route 53 DNS Management, Firewalls – Security Groups, Working With S3, Working with RDS on AWS, JBoss based Java Web Application that uses MySQL RDS
3.	Cloud Computing with Windows Azure	1 day	Azure Basics, Architecture & Security of Azure, Microsoft SQL Services Azure Web Sites, Azure Virtual Machines, Windows 2008 Server Virtual Machine, Linux AMP Stack Installation on Windows Azure, ASP.NET MVC App on Windows Azure Web Site & WordPress MySQL on Windows Azure Web Site
4.	WEB Designing	1 day	Introduction to Photoshop, Web Development, Getting Started, Basic HTML Tags, Getting started with CSS, Dealing with Images, Linking to other pages, CSS Layouts, HTML 4 and HTML 5 tables, HTML forms, HTML5 and Forms, Getting your site on the Internet
5.	Big Data	1 day	Introduction on Big Data, Anatomy of Hadoop Distributed File System, Getting known with Map Reduce Framework Introduction to NoSQL Database Overview on Hadoop Eco-System Tools, Pig, Hive, Sqoop, Hbase, Zoo Keeper, Working with HDFS – live Demo
6.	FDP on eLearning Framework for Enhancing Quality of Education	1 day	Understand use of technology in learning and publishing content Design and publish his / her own course / content. Assess the content and quality of web-based resources and teach students how to evaluate content on the Web Develop a collection of appropriate web-based resources Enhance assessment through technology
7.	Network Simulator (NS-2)	1 day	Simulator, Why Simulator?, Why Open Source?, Type of Network Simulators Research Area in NS-2, Research Focus in NS-2, NS-2 Packages, Wired Model Wireless Model, Trace Format, Awk Script, Step to Follow, Code Samples, Simple Agent Integration & Demo
8.	Cyber Security	2 days	Cyber Security - An Introduction, Security Risk Management, Cryptography Network - Due Care?, Application hardening, Securing the Cloud, Security Operations & IT Security Governance

Recent Training Program offered by CSI Education Directorate (July 2014)

9.	Punarjjani (Integrated Assessment Tool for Mentally Challenged Children)	1 day	<p>Punarjjani is a web based software tool capable of assessment, evaluation and programming a person with mental retardation, based on the inputs from the interdisciplinary team of special educators. This is first of this kind in India for the benefit of persons with mental retardation.</p> <p>Punarjjani integrates the three major RCI approved evaluation and assessment methodologies such as FACP, MDPS and BASIC-MR and FACP-PMR. Algorithms have been drawn from the currently followed manual process. Strength and needs of each individual are suggested based on these algorithms. Area of achieved independence, area required for strengthening and problem areas are identified for each person. Based on this analysis, optimal long term goal and short term objectives are identified and suitable lesson plan is recommended for each. A grouping algorithm incorporated in the tool helps to create homogenous groups for group teaching of MR children.</p> <p>Punarjjani provides for an inbuilt system for periodic assessment and evaluations. It also helps the special educators to arrive at a comprehensive picture of an individual's performance level in adaptive behaviours. The system follows the principle that the assessment is the first necessary step in program planning, followed by the designing of Individualized Program Plan. It also provides a platform for the quarterly evaluation to determine the effectiveness of the program. New goals and objectives can be set, if needed. The software is equipped to manage the programming of an MR Child from three to eighteen years.</p>
10.	Ethical Hacking	2 days	
11.	Emerging Trends in Information Technology	1 day	
12.	Enterprise Business Mobile Applications Development in Android	2 days	
13.	Ethical Hacking and Cyber Security	1 day	
14.	Mobile Android OS and Applications	1 day	----
15.	Hands on workshop on Android Mobile Application Development	2 days	
16.	Mobile Application Development	1 day	----

Recent Training Program offered by CSI Education Directorate (July 2014)

17.	Android Application Development	2 days	---
18.	Essentials of PHP	2 days	---
19.	LaTeX – An Effective Documentation Tool	1 day	---
20.	Google Apps & Google Scripts	2 days	---
21.	Big Data Trends and Technologies	2 days	---
22	IPV6	1 day	IPV6 - is successor of Internet Protocol IPv4 that offers around 18 trillion IPv6 implementation is the need of the hour as well as the mandate of the Government. However being a new protocol brings with it a lot of challenges. . The objective is to enrich participants with what the other organizations are doing on this front, how they should proceed and the methodologies they should adapt in the form of presentations.
23	BOSS MOOL program	1 day	Linux is an Open Source Operating System, which has increased popularity and size since its birth. Various studies have been conducted in literature on evolution of the Linux kernel, which have shown that there are considerable maintenance problems arising out of the coupling issues in Linux kernel which may hamper the evolution of the kernel in future. Bharat Operating System Solution (BOSS) developed by CDAC, Chennai, is a Linux operating system, derived from Debian, and customized for the Indian environment. The localization support provided by CDAC has made BOSS available in almost all Indian languages. Minimalistic Object Oriented Linux (MOOL) developed by IIT, Madras, is a Linux Kernel that enables users to develop Device Drivers in C++ and provides localization at the Console level. The Device Driver development in C++ and the localization at Console level are not available in any other flavour of LINUX. The Operating System BOSS-MOOL is created by integrating the MOOL Kernel with BOSS.

Student Branch Awards

Awards have been instituted by CSI for

- Largest Student Branch
- Best Compliance Student Branch
- Longest Continuous CSI Student Branch Counsellor
- Faculty with maximum publishing in CSIC
- Student with maximum publishing in CSIC
- Most committed Student Branch activist

Details available at <http://www.csi-india.org/web/guest/academic-excellence-awards>

Student Branch Awards

Application for Best Student Branch Award

Application for Largest Student Branch Award - Will be decided by CSIED

Application for Best CSI International students event host Award

Application for Highest sponsorship of CSI events Award

Application for Longest continuous SBC Award

Application for Faculty with maximum publishing - CSI Publications

Application for Paper Presenter Award at International Conference for Faculty

Application for student with max publishing - CSI Publications

Application for Highest committed Student Branch Activist Award

Application for Best Ph.D Thesis Award

Global Affiliations of CSI

- IEEE Computer Society
- IFIP – International Federation of Information Processing
- SEARCC – South East Asian Regional Computer Federation
- British Computer Society
- Australian Computer Society
- Singapore Computer Society

(<http://www.csi-india.org/web/guest/collaborations>)

Important Links

- CSI Knowledge Portal www.csi-india.org
- For Student Coordinator details see <http://www.csi-india.org/web/guest/104>
- For Education Directorate details see <http://www.csi-india.org/web/education-directorate/home>

Student Convention Manual available at <http://www.csi-india.org/web/education-directorate/student-convention-manual1>