Cascade

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Editorial

Mobile Computing

Smart mobile devices are taking center stage in consumers' lives, and in the process, they are beginning to replace PCs and feature phones. In fact, not only are these mobile devices expected to outnumber traditional computers, but the number of mobile devices is forecasted to surpass the world population by the end of this year.

The rapid growth of mobile computing, has led to swelling growth for the applications market, in the past few years, as apps are at the core of the mobile experience. From basic word processing to gaming to banking: there is now, an app, for almost anything. As mobile apps are handling computing needs traditionally reserved for PCs, there has been an increase in demand for graphics- and data-intensive mobile apps, such as those for photo-video editing, 3D gaming and enterprise data.

The expensive iPhone and its unique technology, features and mobile applications, though of exceptional class, are well beyond the reach of the rapidly growing next generation of mobile users. Android mobiles are now the preferred choice of working executives, housewives and senior citizens from the Middle income groups, and students. With the increasing popularity of Android mobiles, Android mobile applications development is also bound to grow in order meet the demand from a diverse section of subscribers.

Developed using the structured yet friendly Java language, Android mobile applications span a range of functions from utility to enterprise apps, catering to almost all requirements of the next generation mobile users including music, videos, shopping, bill payments, banking, web-based apps, social networking and instant messaging.

It is clear and evident that mobile phones are going to make a greater impact on all walks of life. The mobile technology, mobile computing, particularly android application development has created ample job opportunities and research prospects. And no doubt, this trend will continue to increase these prospects multifold in the years to come

AWARDS

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. The Award was presented during the CSI National Convention held at Kolkata on 1st December, 2012.

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, receiving the award on behalf of M.A.M. College of Engineering - Student Branch during the CSI National Convention 2012 held at Kolkatta on 2nd December 2012

Special Chapter Award

The Computer Society of India Tiruchirappalli Chapter won the **"Special Chapter Award"** for the year 2011-2012.

Dr. Gopinath Ganapathi, Past Vice Chairman, Computer Society of India Tiruchirappalli Chapter, & **Prof. S. Ravimaram,** Past Secretary, receiving the award during the CSI National Convention 2012 held at Kolkatta on 2nd December 2012

MANAGEMENT COMMITTEE (2012-2013)

Designation	Name & Membership Number	Official Address	Contact Details
Chairman	Dr. Gopinath Ganapathy 18596 (Life Member)	Director, Bharathidasan University Technology Park, Khajamalai, Tiruchirapalli – 620 023	9842407008 gganapathy@gmail.com
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Division VII	Sri. S. Venkatasubramanian N1049627	Associate Professor / C.S.E Saranathan College of Engineering Tiruchirappalli	9443144356 vsgomes@rediffmail.com
Division VIII	Sri. A. Jahir Husain N0157513	Associate Professor / CSE MAM College of Engg., Tiruchirappalli	9842004510 jahirhussain@mamce.org
Chairman / Nomination committee	Dr. M.A. Maluk Mohamed 00151106 (Life Member)	Principal, MAM College of Engg. Tiruchirappalli	9994443565 malukmd@gmail.com
Member / Nomination committee	Sri. N. Sekar 09426 (Life Member)	Sr.Manager / Commercial/FB BHEL, Tiruchirappalli – 620 014	9442502616 sekarn@bheltry.co.in
Member / Nomination committee	Sri. D. Varatharajalu 917263 (Life Member)	Manager / Informatics Centre BHEL, Tiruchirapalli – 620 014	9442502942 rajalu@bheltry.co.in

MANAGEMENT COMMITTEE (2012-2013)

Co-opted Members	
Name & Membership Number	**Contact Details**
Dr. E. Kirubakaran 014167	9442631160 ekru@bheltry.co.in
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MINUTES OF THE MC MEETINGS

MINUTES OF THE MC MEETING HELD ON 28-11-2012

The Management Committee meeting of the new office bearers (2012-2013) was held immediately after the AGM in the CSI Kailasapuram office at 07.00 p.m. The following members were present:

1. Dr. Gopinath Ganapathy
2. Mr. G.S. Ragunathan
3. Dr. T. Abdul Razak
4. Mr. S.I. Syed Mohamed Ghouse
5. Dr. M.A. Maluk Mohamed
6. Mr. S. Ravimaran
7. Mr. N. Sekar
8. Mr. E. Kirubakaran
9. Mr. N. Rajasekaran
10. Mr. D. Varatharajalu
11. Mr. A. Jahir Husain
12. Mr. S. Lakshmanan
13. D. Senthil Kumar
14. Mr. L. Jeyapiragash

The chairman welcomed the members. The following resolutions were made:

1. The chairman (2012-2013) and the Secretary (2011-2012) will represent the Tiruchirappalli chapter in the 47th AGM to be held at Kolkatta on 1st and 2nd of December 2012.

2. To provide a financial grant of Rs. 5000/- each for the above two persons attending the AGM at Kolkatta to support their registration, travel and accommodation expenses.

3. The MC has authorized the chairman, who is visiting the AGM at Kolkatta to bid for any national level event.

4. To apply for National level grants from DST, CSIR, etc. for conducting conferences, workshops and symposiums.

5. The half-yearly accounts statement ending 30th September 2012 to be prepared and submitted by the treasurer in consultation with the outgoing treasurer, Mr. Kuppusamy.

6. To give mementoes to the execom members from the funds to be received from the CSI HQ in appreciation of the Special Chapter Award.

7. The following members were nominated as co-opted members:

1. Dr. E. Kirubakaran
2. Mr. S. Ravimaran
3. Mr. N. Kuppusami
4. Mr. Renga Rao
5. Ms. T. Geetha
6. Mr. R. Selvaraj
7. Mr. M. Palaniyandi

MINUTES OF THE MC MEETING HELD ON 21-12-2012

The Second Management Committee meeting was held in the BUTP office, Khajamalai, Tiruchirappalli at 06.00 p.m.

Members Present:

1. Dr. Gopinath Ganapathy
2. Dr. T. Abdul Razak
3. Mr. S.I. Syed Mohamed Ghouse
4. Dr. M.A. Maluk Mohamed
5. Mr. S. Ravimaran
6. Mr. N. Sekar
7. Mr. E. Kirubakaran
8. Mr. N. Rajasekaran
9. Mr. D. Varatharajalu
10. Mr. A. Jahir Husain
11. Mr. S. Lakshmanan
12. Mr. S. Meenakshi Sundaram
13. Dr. S. Nickolas
14. Mr. S. Venkatasubramanian
15. Mr. N. Kuppusami
16. Mr. R. Selvaraj

Agenda:

1. Transfer of accounts to the new team.

2. Mememtoes to the outgoing MC members in recognition to the Special Chapter Award.

3. COMAD proposal

4. Any other matter.

Actions:

1. Necessary forms and documents were signed by the Chairman, Vice-chairman, Secretary and Treasurer for the transfer of operation of the CSI Tiruchirappalli Chapter Savings Bank Account, fixed deposits and other bank transactions, to the new office bearers.

2. An account opening form was also signed by the new office bearers to open a new account with the Employees' Cooperative Bank, BHEL, Tiruchirappalli.

Resolutions:

1. Resolved to give mementoes to the outgoing MC members of 2011-2012 in appreciation of the Special Chapter Award. Dr. M.A. Maluk Mohamed will decide the mementoes.

2. Resolved to send a proposal for conducting COMAD in Tiruchirappalli. The Chairman and the Secretary will prepare and send the proposal.

3. Resolved to send a proposal for organizing a workshop on 'Embedded Systems' conducted by IIT, New Delhi. Prof. S. Ravimaran and Mr. S. Venkatasubramanian will coordinate.

4. Resolved to organize a membership drive. The following members were given responsibilities:

   a. In BHEL:
      i. Mr. R. Selvaraj
      ii. Mr. S. Lakshmanan
      iii. Mr. D. Senthilkumar

   b. In academic institutions and other organizations like BSNL and Railways:
      i. Mr. S. Ravimaran
      ii. Mr. S. Meenakshi Sundaram
      iii. Dr. T. Abdul Razak

5. Resolved to motivate and encourage more activities in all the Student Branches under CSI Tiruchirappalli Chapter. This responsibility was assigned to:
   a. Dr. T. Abdul Razak
   b. Mr. S. Ravimaran
   c. Mr. A. Jahir Hussain
   d. Mr. S. Meenakshi Sundaram
   e. Mr. S. Venkatasubramanian

6. Resolved to update the website of the CSI Tiruchirappalli chapter regularly with current events. Mr. A. Jahir Husain will be the moderator for this assignment.

7. Resolved to publish the E-News Letter, in the name of CASCADE, once in two months. Mr. A. Jahir Husain is entrusted with this assignment.

8. Resolved to vote for Dr. M.A. Maluk Mohamed who is contesting for the post of Chairperson for Division-III in the National level.

9. Resolved to request for the current membership status of the Tiruchirappalli chapter from the CSI Head Quarters.

EVENTS GALLERY

A Special Lecture on **"Satellite Communication"** by Ms. G. Roja, Lecturer, Department of Electronics & Communications Engineering, Periyar Centenary Polytechnic College, Vallam, Thanjavur on 11th December 2012 at IEI_TLC Lecture hall, BHEL, Tiruchirappalli.

A Technical Symposium, **SWAP-2K12**, was organized by the Department of Computer Science, Jamal Mohamed College, Tiruchirappalli and CSI Tiruchirappalli Chapter on 10th & 11th October 2012. Various events were conducted in which students from various arts & science, and engineering colleges in Tamil Nadu and Pondicherry participated. The Christ College of Engineering and Technology, Pondicherry won the overall championship. Dr. M.A. Maluk Mohamed, Principal, M.A.M. College of Engineering, Tiruchirappalli presenting the award.

A technical symposium, **VARIT-2K13**, was organized by the Department of Information Technology, Jamal Mohamed College, Tiruchirappalli and CSI Tiruchirappalli Chapter on 19th January 2013 Various events were conducted in which students from various arts & science, and engineering colleges of the Bharathidasan University participated.

Mr. Sankaranarayanan Jambunathan, Senior Director, CTS, Chennai, releasing the souvenir to commemorate the occasion.

A two-days workshop on" Research Methodology in Computer Science " was organized by the Department of Computer Science, Jamal Mohamed College, Tiruchirappalli and the CSI Tiruchirappalli Chapter for the M.Phil. Computer Science students on 23rd and 24th January 2013.