

**AEC- CSE NEWSLETTER**

**June 2012  
to  
May 2013**

**ACTIVITIES OF THE  
DEPARTMENT OF COMPUTER  
SCIENCE AND ENGINEERING**



**APOLLO ENGINEERING COLLEGE**

(Approved by AICTE, Govt. of India, New Delhi and affiliated to Anna University)

Mevalooruppam, Near Queensland Theme Park , Chennai-602 105





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## **DEPARTMENT PROFILE**

The Department of Computer Science and Engineering was established in the year 2006. The department is well equipped with excellent computing facilities, and has qualified and dedicated faculty specialized in areas like Data Mining, Wireless Networking, Image Processing etc.

Programmes run by the department are,

- B.E. Computer Science and Engineering (Double intake since 2012).
- M.E. Computer Science and Engineering (Started since 2011).

## **HIGHLIGHTS OF THE DEPARTMENT**

- Main focus of all our faculty members is to impart quality teaching to the students in the teaching-learning process.
- Our department offers expert lectures, seminars and colloquiums on a variety of topics every semester, to provide value addition to the curriculum.
- Our faculty is committed to the pursuit of transformational research activities.
- The department provides a number of student support services like providing students with class advisors, provide semester and intermediate semester progress updates to the students and parents, etc.



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# **ACTIVITIES OF THE DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**(June 2012 to May 2013)**

## **GUEST LECTURES**

- 1. September 16<sup>th</sup> 2012 : Guest lecture by Dr.M.Sreekumar, Indian Institute Of Information Technolgy on “robotics”.**



**Felicitation of Dr.M.Sreekumar by Dr.V.Natarajan, Principal AEC.**

- 2. October 4<sup>th</sup> 2012: Expert Lecture by Er.Raghavan BE., MS. (PhD), Senior Project Manager, IBM India Ltd., Bangalore. Topic : "Java Enterprise Edition"**



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Expert lecture delivered by Mr. Raghavan

3. **October 5<sup>th</sup> 2012:** Expert Lecture by Mr. J. Anand, Vice President, Polaris Ltd., Chennai. Topic: "Software Project Management".



Expert lecture inauguration by Mr. J. Anand

4. **February 16<sup>th</sup> 2013 :** Expert Lecture on 'Design and Analysis of Algorithms', by Dr. V. Masilamani, DCSE, IIITDM.



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Expert lecture delivered by Dr.V.Masilamani

## **TECHNICAL WORKSHOP**

September 27<sup>th</sup> – 28<sup>th</sup> 2012: Two days **Android workshop** was conducted by the department of CSE. It was organized in collaboration with GeeksLab Technologies, New Delhi.







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### **SYMPOSIUM**

**September 28<sup>th</sup> : Zuzruvas 2012**- A national level technical symposium was organized by the DCSE. Around 150 students from all over Tamil Nadu engineering colleges participated in the symposium consisting 9 different events. The inauguration was done by Thiru.Vasantha Kumar, Chairman, Vasanth & Co Ltd. And Dr.Sokalingam, Principal consultant, Syntel Ltd. The Valedictory message was delivered by Dr.J.Kumar, Professor, Dept of Crystal Growth, Anna University Chennai.



**Zuzruvas 2012: Inagural Function**



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### **INDUSTRIAL VISITS**

- 1. August 14<sup>th</sup>, 2012: INDUSTRIAL VISIT FOR B.E. III  
YEAR CSE to “Kaashiv InfoTech”, Chennai**

[www.kaashivinfotech.com/](http://www.kaashivinfotech.com/)



III CSE Students at the seminar hall of Kaashiv Infotech

- 2. September 1<sup>st</sup> 2012: INDUSTRIAL VISIT FOR B.E. II YEAR CSE  
TO INFOSYS CHENNAI.**



BE CSE II YEAR STUDENTS AT INFOSYS, CHENNAI



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### **3. September 25<sup>st</sup> 2012: INDUSTRIAL VISIT FOR B.E. IV YEAR CSE TO CHENNAI PORT TRUST.**



**CSE IV year students at the Chennai Port Trust**

### **4. January 4<sup>th</sup> 2013: Industrial Visit to Maples ESM**



The students were given a presentation about the company IBM- MAPLES. Then the students were taken for the server visit at the Perungudi campus.





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**5. March 12th 2013:** Industrial visit for BE. III Year CSE to Doordarshan Kendra, Chennai.

### **CSE COLLOQUIUM: February 2<sup>nd</sup> 2013**

“CSE Colloquium”, organized by CSE Student’s Forum. The topic of the colloquium was “Theory, types and patent search on Operating Systems”. A book containing papers presented in the forum was released by Ms.Dhivya, the HR Manager, HCL Technologies on this occasion.



CSE Colloquium inauguration

### **APOLLO RESEARCH CONFERENCE (ARC 2013): April 12<sup>th</sup> & 13<sup>th</sup> 2013**

**ARC 2013** was organized by the joint initiatives of the departments of CSE, IT, ECE & EEE. The main focus of the conference is to create awareness among researchers, academicians and students to start thinking towards patenting rather than just aiming to publish their research work in journals/conferences. The following dignitaries on the rolls of Asst. controller of Patents in Chennai Patent Office were invited as chief guests for the conference, such as Mr.C.N.Sashidhar, Mr.O.Prasad Rao & Mr.V.Palaniswamy. They gave their talk on “Overview of IPR in India” and “Patenting procedures” respectively.



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Apollo Research Conference 2013

### **RESEARCH PUBLICATIONS:**

#### **INTERNATIONAL JOURNALS (\*indicates Referred & Indexed with impact factor):**

1. \*Getsy S Sara, **S. Prasanna Devi**, and D. Sridharan, "A Genetic-Algorithm-Based Optimized Clustering for Energy-Efficient Routing in MWSN," ETRI Journal, vol.34, no.6, Dec. 2012, pp.922-931.
2. \* P. Priya, Prasanna Devi S, Iyakutti K., "Supplier Score Prediction Using Hybrid Neural Network Model Based on Simple Exponential Smoothing" Advanced Materials Research, 622-623, pp:9-15, Jan 2013.
3. \*Krishnakumar S, **PrasannaDevi S**, Suryaprakasa Rao K, (2013) "A Business Dynamics Model in Entrepreneurial Orientation for Employees", Industrial and Commercial Training, Emerald Publishers, Vol. 45 Iss: 1., pp: 36-50.

### **CONFERENCE PUBLICATIONS**

1. **C.P. Ronald Reagan, S.Krishnaveni**, "An interactive Expert System for Dosage Planning in Type-2 Diabetes", International Conference In Magna On Emerging Engineering Trends, Magna College Of Engineering, April 2013, pp: 237-240.



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2. **G.G. Shyamala Devi, K.Sangeetha**, “A message-in-message aware reordering opportunistic routing for wireless adhoc networks”, International Conference On Advances In Engineering & Technology (ICAET 2013), Dr. M.G.R Educational and Research Institute University, Chennai, April 2013, pp: 67-69. ISBN NO: 978-81-908980-6-5
3. **Ishwarya Ramasamy , V.Siva Kumar**, “A Direct Anonymous Attestation Scheme with Enhanced Revocation Capabilities using Enhanced Privacy ID”, "Emerging Marvels in Information and Computer Science Engineering", (EMICS 2013), Maria College Of Engineering And Technology , Kanyakumari District, February 2013, CC-020.
4. **Shiny Shantha Kumari, K.Supriya**, “Delivery Data By Using Two Protocol Position-based Opportunistic Routing protocol and Fisheye State Routing Protocol In MANET” International Conference In Magna On Emerging, Engineering Trends (ICMEET- 2K13), Magna College Of Engineering, April 2013, pp: 433-438.
5. **V.Vimal Gracy , E.Murali**, “Byzantine Fault Tolerance Of Atomic Transaction”, "Emerging Marvels in Information and Computer Science Engineering", Maria College Of Engineering And Technology , Kanyakumari, 2013, CC-033.
6. **A.Vaishnavi , R.Bhanumathi**, Optimization Of Demand And Price Uncertainty In Cloud Computing, Emerging Marvels in Information and Computer Science Engineering", Maria College Of Engg. And Tech. , Kanyakumari, 2013, CC-021.
7. **T.Devi, S.Prasanna Devi**, “Offline Handwriting Recognition using Anfis and Genetic algorithm”, Conference In Magna On Emerging, Engineering Trends (ICMEET- 2K13), Magna College Of Engineering, April 2013, pp: 455-458.
8. **B.Balaabirami , E.Murali**, “Secure Code Based Cloud Storage System”, International Conference In Magna On Emerging Engineering Trends, Magna College Of Engineering, April 2013, pp: 37-40.
9. **Tinu Mohan, V.Sivakumar**, “USB based key lock protection for user privacy enhancement”, International Conference On Advances In Engineering & Technology (ICAET 2013), Dr. M.G.R Educational and Research Institute University, Chennai, April 2013, pp: 101-106.