

AEC- CSE NEWSLETTER

**June 2014
to
May 2015**

**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)

Mevalookuppam, Near Queensland Theme Park, Chennai-602 105





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
- M.E. Computer Science and Engineering

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.
- South India's First IBM's Big data lab setup by IBM @ AEC – CSE department to impart data analytics training for their students.
- More than 65 publications of which 20+ are Scopus indexed and referred publications between 2011-15 (Src: www.scopus.com)
- Ever happening industry-institutional activities for career development and placement programmes.



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GUEST LECTURES

5th July 2015: CSE Students Forum Inauguration & Expert lecture by Mr. Mahesh Boopathy, Project Manager, Atmel Ltd.



One Day Hands on Workshop on Software Testing Using Selenium Software on 19 July 2014

Students Forum of CSE & IT departments organized an One day workshop on "Software testing using Selenium software" on 19/7/14. Resource Persons from Dell R&D and iGate Technologies Bangalore conducted the workshop for the selected students.



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APOLLO ENGINEERING COLLEGE
CSE & IT STUDENTS FORUM
Welcomes you all for

**ONE DAY HANDS ON WORKSHOP
ON SOFTWARE TESTING
USING SELENIUM SOFTWARE**

Hearty Welcome to Workshop Trainers
MR. PRASANNA SARATHI
DELL R&D, Bangalore
MR. S. ARUN
GATE TECHNOLOGIES, Bangalore

Date : 19th July 2014 | Time : 9.00 am | Venue : Internet Lab



Glimpses of one day workshop on software testing



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FIRST YEAR INAUGURATION 2014

Dr.SK. Patnaik, Director, RIFD Bureau, AICTE, New Delhi inaugurated the Fresher's day and presided the induction day on 14 August 2014



Dr.SK. Patnaik inaugurated the Freshers day and it was followed by orientation about CSE department given by staff and senior students of the department.



Senior student addressing their juniors about their department.



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FACULTY DEVELOPMENT PROGRAMMES

FDP ON IBM DATA ANALYTICS

"Cognos BI Administration", FDP of IBM training for CSE & IT faculties.
IBM trainer Mr. Praveen Joshi, during 27 - 30 Nov 2014



Faculties of department of CSE & IT have completed their IBM Big data training on "Big data programming". Mr. Sanjeev Rao from IBM software labs has conducted the training for the faculties between 10/12/14 - 14/12/14.





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ANNA UNIVERSITY APPROVED FDTP ON ADVANCED COMPUTER ARCHITECTURE (CS2354)

Apollo Engineering College, Department of CSE has hosted a week long Faculty Development Programme (FDP), scheduled between 15-21, Dec, 2014, approved by Anna University to train and develop faculties from other engineering colleges. Eminent professors from Indian Institute of Information Technology & Anna University, like Dr. Masilamani and Dr. Dhananjay Kumar have handled the FDP sessions till date along with three in-house training experts from AEC.



A FDP session handled by Dr. Dhananjay Kumar



A FDP session handled by Dr. Masilamani



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STUDENT'S COLLOQUIUM ON ENGINEERING THRO ICT

Intra-department colloquium on "Android App development contest and Paper presentation contest on the topic "Engineering thro' ICT" was held on 28/2/2015 and the winners were awarded prizes sponsored by IBM career education.



Prize distribution by Mr.Suresh Ghanne, Senior Project Manager, CTS



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THIRD INTERNATIONAL CONFERENCE ON RECENT TRENDS IN COMPUTER SCIENCE & ENGINEERING (ICRTCSE 2015)

The inaugural function of the Third International Conference on Recent Trends in Computer Science and Engineering (ICRTCSE 2015) was organized by the department of CSE of Apollo Engineering College on April 24th, started off on a grand note at 9.300 a.m. Mr.Suresh Ghanne, Senior Project Manager, CTS, was the guest of honor for the event. He delivered a talk on "industry trends on big data analytics" and released the "conference book of papers".





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CORPORATE SOCIAL RESPONSIBILITIES

Apollo Engineering College organized a workshop for pre-college students titled "Xplore Engineering 2K14" between Oct 13-17th. "AEC proudly takes a hand, opens a mind, and touches a heart by emphasizing the higher-order thinking skills and providing hands-on learning activities to outperform the school students significantly". CSE department conducted training on PC assembly and basic Android application development workshop for the school students.



CO-CURRICULAR ACTIVITIES

CSE Students @ Christmas Celebration

Highlighted Festive Treat for Merry Christmas 2K14 & Advanced Happy New Year 2K15 by CSE Apollites, headed the audience @ Sakuntallamal Auditorium with evergreen Carols was taken up by CSE students.



CSE students singing carols on the eve of Christmas 2K14



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CSE students @ Pongal Celebration in AEC

Pongal 2K15 was celebrated at AEC today the 9th Jan 2015 with Pot Rice to Sun God & Sweet rise to all Apollites. CSE Apollites rejoiced in the charm of their tradition!



CSE department celebrating Pongal 2K15



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March 5th 2014:

CSE students @ International Women's Day Celebration: International Women's day 2015 was celebrated in Apollo Engineering College. Various events were organized for the faculties and students of AEC such as: Rangoli competition, Mehendi competition, Culture dressing, cookery without flame, vegetable carving and fun games. Dr. Jayanthi Kalanithi, Managing Director of Vee Care group of Hospitals was the chief guest for the event. The winners were awarded during the valedictory function.



International Women's Day Celebration 2015 prize distribution by Dr. Jayanthi Kalanidhi, MD, Vee Care group of hospitals.

FAREWELL DAY (2011-15 BATCH)

Farewells are usually sad, because it is hard to say goodbyes. But, CSE Undergrads made it a fabulous day for their outgoing seniors to cheer them to say "Hello" to their new adventures. A day filled with fun and frolic made the CSE 2011-15 batch farewell day an ever memorable event.



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2011-15 CSE BATCH



RESEARCH PUBLICATIONS OF DCSE (2014-15):

***indicates Referred & Scopus Indexed with impact factor**

- 1) **G.Sumathi, S.R.Sri vidhya**, "Intelligent Transportation System Analysis for shadow Maimed Traffic Surveillance Visionary", IJSRD Journal, Volume 2, ISSUE 9, Pg:592-595, nov, 2014.
- 2) **L.Bharathi Krishna**, "Comparison of Linear Branching Programs and Neural Network for FG Classification", IJIRD Journal, Volume 3, ISSue 11, Pg:214-219, nov-2014.
- 3) **S.Krishnaveni, K.Sangeetha**, "An Efficient Index for Packing in Spatial Database", IJAREEIE Journal, Volume 3, Issue 11, Pg:13368-13375, Nov 2014
- 4) **C.P.Ronald Reagan, P.Velavan**, "A Modular Approach for Image Annotation", IJPRES Journal Volume 3(4):365-379, ISSN:23319-507x, 1 Dec 2014.
- 5) **K.Sumithra Devi, R.Siva kani, M.Pabitha**, "Increasing Throughput Capacity of Multihop Wireless Networks", IJCSIT Journal, Volume 5, Issue 6, Pages 7804-7806, Nov-2014
- 6) **G.Visalaxi**, "Oral Cancer Easy detection & Stages using various Methods", IJIRCCE Journal, Volume 2, Issue 11, Nov 2014. ISSN(online) 2320-9801.
- 7) **K.Sangeetha, S.Krishnaveni** "Defending Inimitable Attacking Hostin web-Proxy Based Traffic" of IJDR, Waiting to Publish on December Issue" (Manuscript Number: IJDR-2411)
- 8) **J.Nivetha, A.Deepa**, "An Efficient Packet Scheduling Scheme in Wireless Sensor Network to Prevent the Deadlock" of IJIRCCE, Volume 2, ISSUE 11, November 2014, ISSN(Online):2320-9801.
- 9) **M.Pabitha, K.Sumithra Devi, R.Siva kani**, "The Role of best Bits in Iris for efficient person authentication "of IJARCSSE, Volume 4, Issue 11, Page no-582-589, ISSN-2277128X, November 2014.
- 10) **K.Supriya**, "An Efficient distributed processing using competitive co-evolution strategy for optimization in large infinite search spaces, International Journal of Development Research, ISSN:2230-9926, Vol. 4, Issue, 11, pp. 248 6 – 24 92, November, 2014.
- 11) **P.Velavan**, "TLWL load balancing algorithm for cluster of SIP servers, IJPRES Journal Volume 3(4):365-379, ISSN:23319-507x, Dec 2014.
- 12) **R.Sivakani, M.Pabitha, K.Sumitra Devi**, "Top K- dominating queries using multi-dimensional data, International Journal Of Emerging Trends and Technology in Computer Science, Vol3, Issue:6, Dec 2014.
- 13) **M.Jaganathan**, "A next gen data fusion – big data fusion, International Journal Of Pure And Applied Research In Engineering And Technology (IJPRES), ISSN: 2319-507X, Volume 3 (5): 1-12.



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- 14) * M.Gunaselvi, **S. Prasanna Devi**, KS Rao, Evaluation Of Policies To Reduce Transportation Pollution Using System Dynamics, Environment Protection Engineering, 2014, Vol 40, Issue 4, pp: 143-153.
- 15) * M.Gunaselvi, **S. Prasanna Devi**, and K. Suryaprakasa Rao. "A Bi-level Clustering Analysis for Studying About the Sources of Vehicular Pollution in Chennai." Artificial Intelligence and Evolutionary Algorithms in Engineering Systems. Springer India, 2015. 229-236.
- 16) ***S. Prasanna Devi**, A.P.Karthikeyan, Dr.S.Manivannan and S. Vinu Kiran "Optimization of insights on Indian Education practices using Data Mining and Web Analytics" Accepted for Publication in Applied Mechanics and Materials Journal.

TREND OF CSE DEPARTMENT ACTIVITIES

ACADEMIC YEAR	Colloquium	Technical Events (Expert Lectures, Workshops & Conferences)	FDP's organized (O)/ attended (A)	Research Publications
2011-12	-	Expert lect-1 conference-1 Workshop-1	-	5
2012-13	1	Expert lect-4 conference-1 Workshop-1 Symposium-1	-	12
2013-14	1	Expert lect-4 conference-1	-	20
2014-15	1	Expert lect-1 conference-1 Workshop-1	1 (O) + 7 (A)	16