AEC- CSE NEWSLETTER

June 2015 to May 2016

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)

Mevaloorkuppam, 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 (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.

APOLLO ENGINEERING COLLEGE

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

Mevaloorkuppam, Near Queensland Theme Park, Chennai-602 105

ACTIVITIES OF THE DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

(June 2015 to May 2016)

8th – 14th JUNE 2015: ANNA UNIVERSITY APPROVED FDTP ON PROGRAMMING AND DATA STRUCTURES – II (CS6301)

Apollo Engineering College, Department of CSE has hosted a week long Faculty Development Programme (FDP), scheduled between 8-14, June 2015, approved by Anna University to train and develop faculties from internal as well as from Anna University affiliated engineering colleges. Eminent professors from Indian Institute of Information Technology & Anna University, like Dr.Sadagopan and Dr.Arcokia Xavier Annie have handled the FDP sessions till date along with five in-house training experts from AEC. Mr.Vinukiran, Java Professional from Technosoft Corporation., delivered the lecture as an industry expert and also handled the lab sessions.

FDTP Banner

APOLLO ENGINEERING COLLEGE

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

Mevaloorkuppam, Near Queensland Theme Park, Chennai-602 105

Dr.Arcokia Xavier Annie from Anna University handled the session on Polymorphism, Overloading and Inheritance concepts.

Mr.S.Vinu Kiran from Technosoft Corporation handled the session on File handling, templates, etc.

APOLLO ENGINEERING COLLEGE

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

Mevaloorkuppam, Near Queensland Theme Park, Chennai-602 105

Dr.N.Sadagopan from IIITD&M handled the session on Representation of Graphs, Topological sort, Minimum Spanning Trees algorithms concepts.

APOLLO ENGINEERING COLLEGE

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

Mevaloorkuppam, Near Queensland Theme Park, Chennai-602 105

10th JULY 2015 : CSE Students Forum Inauguration for the year 2015-16

APOLLO ENGINEERING COLLEGE

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

Mevaloorkuppam, Near Queensland Theme Park, Chennai-602 105

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 and the winners were awarded prizes during Forum Inauguration function

APOLLO ENGINEERING COLLEGE

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

Mevaloorkuppam, Near Queensland Theme Park, Chennai-602 105

Department University exam toppers were awarded prizes during Forum Inauguration function.

PRIZE DISTRIBUTION TO DEPARTMENT TOPPERS BY MR.SARAVANAN, VP, POLARIS

APOLLO ENGINEERING COLLEGE

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

Mevaloorkuppam, Near Queensland Theme Park, Chennai-602 105

12th AUGUST 2015: FIRST YEAR INAUGURATION 2015 : Prof. Dr. A. Elayaperumal, B.E., M.Tech., PhD., Director, Center for Student Affairs, Anna University, Chennai inaugurated the Fresher's day and presided the induction day on 12 August 2015.

Prof.Dr.A.Elayaperumal 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.

APOLLO ENGINEERING COLLEGE

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

Mevaloorkuppam, Near Queensland Theme Park, Chennai-602 105

24th -28th AUGUST 2015: IBM DATA ANALYTICS COURSE

"Cognos BI Administration", FDP of IBM training for CSE & IT students during 24 - 28 Aug 2015.

26th-31st SEPTEMBER 2015: CORPORATE SOCIAL RESPONSIBILITIES

Apollo Engineering College organized a workshop for pre-college students titled "Xplore Engineering 2K15" between Sept 26th-31st. "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 Graphic and Animation development workshop for the school students.

APOLLO ENGINEERING COLLEGE

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

Mevaloorkuppam, Near Queensland Theme Park, Chennai-602 105

AUGUST 2015: INDUSTRIAL VISITS

CSE Students @ one day Industrial Visit HTC GLOBAL LTD. for final year students in Chennai on 9/8/2015

CSE Students @ Industrial Visit for 2nd and 3rd year students to Hyderabad from 7/8/2015 to 11/8/2015

APOLLO ENGINEERING COLLEGE

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

Mevaloorkuppam, Near Queensland Theme Park, Chennai-602 105

CO-CURRICULAR ACTIVITIES :

29th AUGUST 2015: SPORTS DAY CELEBRATION

CSE GIRLS WON 2015 TROPHY

APOLLO ENGINEERING COLLEGE

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

Mevaloorkuppam, Near Queensland Theme Park, Chennai-602 105

31st AUGUST 2015 : LAUNCH OF STUDENT RESEARCH PROJECT SUPPORTING SCHEME

Completed Project has been published in Google Play:

- GUESS WORD FOR STUDENTS

https://play.google.com/store/apps/details?id=com.wGuessWordforstudents

- CS Engg Quiz Trivia

https://play.google.com/store/apps/details?id=com.harapriya.quiz_o_mania

APOLLO ENGINEERING COLLEGE

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

Mevaloorkuppam, Near Queensland Theme Park, Chennai-602 105

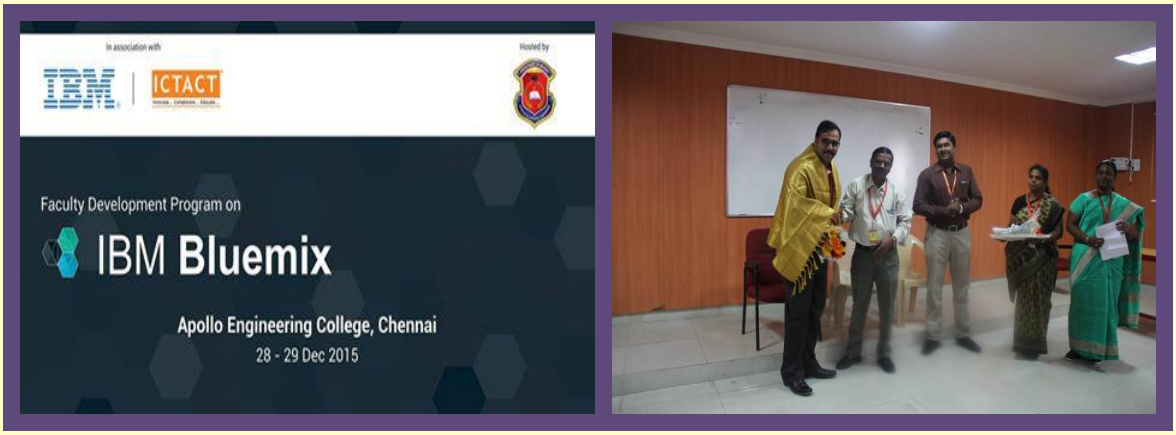
24th DECEMBER 2015 : CHRISTMAS CELEBRATIONS

APOLLO ENGINEERING COLLEGE

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

Mevaloorkuppam, Near Queensland Theme Park, Chennai-602 105

28th - 29th DECEMBER 2015 : FACULTY DEVELOPMENT TRAINING PROGRAMME ON IBM BLUE MIX



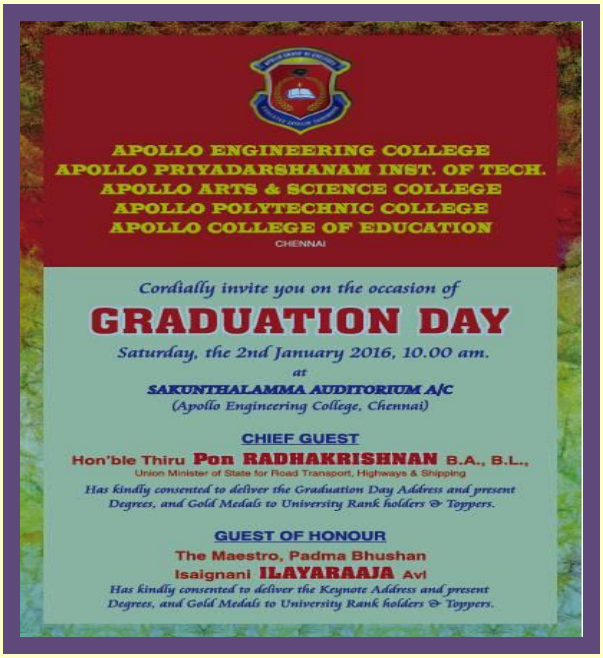
FACULTIES OF DIFFERENT COLLEGES PARTICIPATED IN 2 DAYS FDTP ORGANIZED BY DEPARTMENT OF CSE, AEC IN ASSOCIATION WITH ICTACT

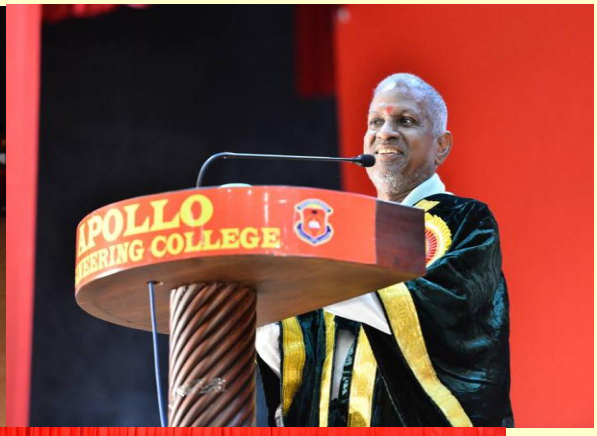
APOLLO ENGINEERING COLLEGE

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

Mevaloorkuppam, Near Queensland Theme Park, Chennai-602 105

2nd JANUARY 2016 : GRADUATION DAY (BATCH: 2010 - 2014)





APOLLO ENGINEERING COLLEGE

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

Mevaloorkuppam, Near Queensland Theme Park, Chennai-602 105

13th JANUARY 2016 : SEMINAR

Seminar on "Big Five IT Trends of next half decade" by Eyeopen Technologies-official IBM Partners

APOLLO ENGINEERING COLLEGE

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

Mevaloorkuppam, Near Queensland Theme Park, Chennai-602 105

13th JANUARY 2016 : PONGAL CELEBRATIONS

FUN GAMES AND PONGAL PREPARATION DURING PONGAL 2016

APOLLO ENGINEERING COLLEGE

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

Mevaloorkuppam, Near Queensland Theme Park, Chennai-602 105

21st – 22nd JANUARY 2016: NSS ACTIVITIES : 2 DAYS CAMP TO DR.MGR HOME FOR HEARING IMPAIRED STUDENTS, RAMAVARAM, CHENNAI

APOLLO ENGINEERING COLLEGE

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

Mevaloorkuppam, Near Queensland Theme Park, Chennai-602 105

23rd FEBRUARY 2016: NSS Orientation Programme in Anna University

APOLLO ENGINEERING COLLEGE

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

Mevaloorkuppam, Near Queensland Theme Park, Chennai-602 105

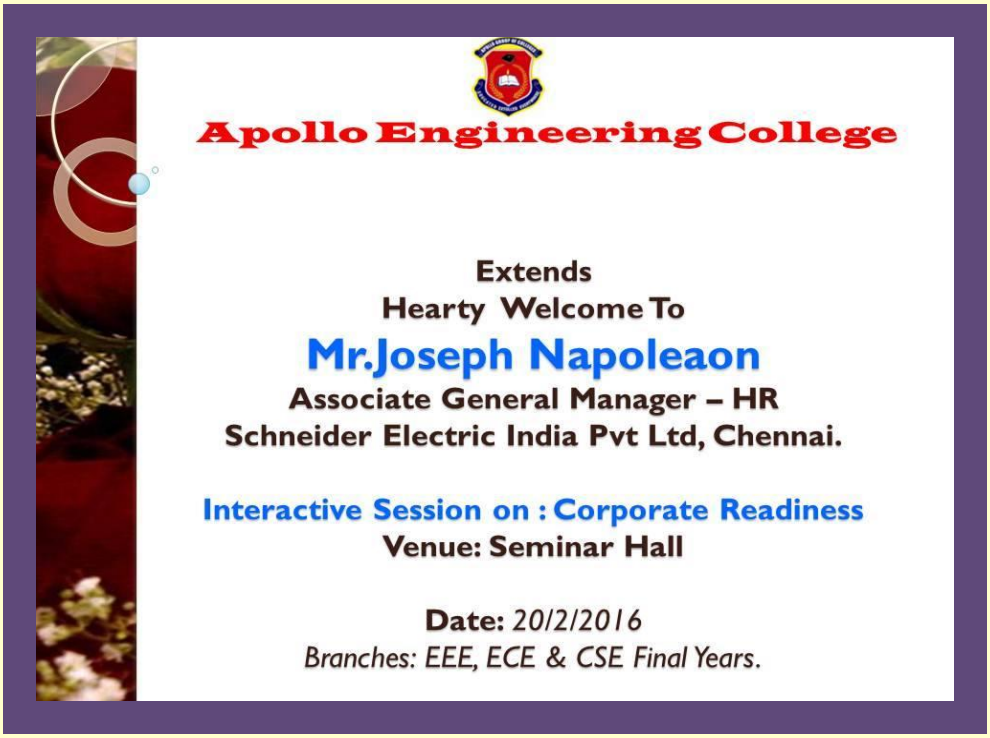
MARCH 2016 : AWARDING OF IBM COGNOS BI CERTIFICATE COURSE COMPLETION CERTIFICATES

APOLLO ENGINEERING COLLEGE

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

Mevaloorkuppam, Near Queensland Theme Park, Chennai-602 105

20th FEBRUARY 2016: GUEST LECTURE ON CORPORATE READINESS FOR FINAL & PRE-FINAL YEAR STUDENTS



APOLLO ENGINEERING COLLEGE

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

Mevaloorkuppam, Near Queensland Theme Park, Chennai-602 105

8th MARCH 2016: WOMENS DAY CELEBRATIONS

SELF DEFENSE WORKSHOP FOR GIRLS

PRIZE DISTRIBUTION FOR VARIOUS EVENTS BY MS.POOJA MALHOTRA, DIRECTOR, VAJRA.

APOLLO ENGINEERING COLLEGE

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

Mevaloorkuppam, Near Queensland Theme Park, Chennai-602 105

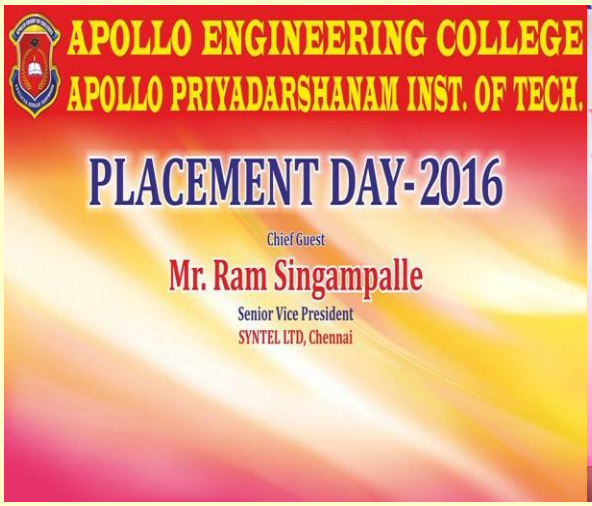
1st – 2nd APRIL 2016: NAKSHATRA 2K16

APOLLO ENGINEERING COLLEGE

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

Mevaloorkuppam, Near Queensland Theme Park, Chennai-602 105

5th APRIL 2016 : PLACEMENT DAY 2016



AEC STUDENTS WITH PLACEMENT ORDERS DISTRIBUTED BY MR.RAM SINGAMPALLEE, SENIOR VP, SYNTEL LTD.

APOLLO ENGINEERING COLLEGE

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

Mevaloorkuppam, Near Queensland Theme Park, Chennai-602 105

29th - 30th APRIL 2016: INTERNATIONAL CONFERENCE

Fourth International Conference on Recent Trends in Computer Science and Engineering (ICRTCSE 2016) was organized by the department of CSE of Apollo Engineering College in association with Elsevier – Procedia Computer Science and Technical University of Liberec, Czech Republic, held on 29th and 30th April 2016, at Hotel Benzz Park, T.Nagar, Chennai. Mr.Anand Jeyapaul, Principal Consultant, Hexaware Technologies, Mr.Nagendra Kumar Kandaluri, Senior Manager, Oracle India Ltd., delivered the inaugural address and special address respectively. Dr.Dhananjay Kumar, Professor in charge of UG program, Department of Information Technology, Madras Institute of Technology, Dr.Arivudai Nambi, Professor, Anna University and Dr.Noor Mohammed Sk of Indian Institute of Information Technology were the keynote speakers and session chairs for the event. Dr. S.Prasanna Devi, HOD, Department of CSE and Convener, ICRTCSE 2016 welcomed the participants to the grand event. A souvenir was released at this juncture. Dr. V.Natarajan, Dean, Apollo Research Society felicitated all the dignitaries. Research papers from premier institutes like IIT's, NIT, Anna University,etc. and also papers from abroad were also presented and published in this conference. The event also had a cultural program to highlight the tradition of South India, showcased by students of CSE department.

APOLLO ENGINEERING COLLEGE

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

Mevaloorkuppam, Near Queensland Theme Park, Chennai-602 105

News about International Conference on Recent Trends in Computer Science & Engineering (ICRTCSE 2016) and about the launch of an android app called "CS Engg Quiz Trivia" developed by CSE students was published in Indian Express on 04/05/2016.

students

VIT Awards Missile Scientist

Missile scientist A Sivathanu Pillai received a Lifetime Achievement Award from VIT University, Chennai, for his contribution towards missile and aerospace technology. Kadhambari S Viswanathan, assistant vice-president, VIT University, presented the award to Sivathanu Pillai. P Gunasekaran, pro-vice chancellor, VIT, presented a plaque citing his several awards as a part of the two-day conference on science, engineering and technology organised by School of Electronics Engineering. In his speech, Sivathanu Pillai said technology denied was technology gained. The scientist highlighted that the artificial leg weighing 3 kg was brought down to 300 grams to help those affected by polio in the country. ENS

International Meet at Apollo

A 2-day International Conference on Recent Trends in Computer Science and Engineering (ICRTCSE 2016) was) was organised by the department of CSE of Apollo Engineering College in association with an university in the Czech Republic. Anand Jeyapaul, principal consultant, Hexaware Technologies and Nagendra Kumar Kandaluri, senior manager, Oracle India, delivered the inaugural speech and special address respectively. An android app named 'CS Engg Quiz Trivia' developed by students of CSE department was released. ENS

CREAT

SHADE

Windows bring in natural light and ventilation, but also heat – to cut down the latter, shading devices can help. Windows and doors that do not have sunshades will bring in direct sunlight, and these windows can be protected with wide sunshades and awnings that will cut off the sun's rays

LATTICE SCREENS & LOUVERS

Large windows can be protected with lattice screens or perforated sheets that offer shade and ensure privacy, while still bringing in light and ventilation. Latticed windows were common in traditional Islamic architecture. Adjustable louvers on glass windows also fulfill a similar function, where the angle can be adjusted to bring in the wind.

THE INDIAN EXPRESS DATED 04/05/2016

APOLLO ENGINEERING COLLEGE

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

Mevaloorkuppam, Near Queensland Theme Park, Chennai-602 105

31st MARCH 2016: FAREWELL DAY 2016 (BATCH OF 2012-16)

APOLLO ENGINEERING COLLEGE

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

Mevaloorkuppam, Near Queensland Theme Park, Chennai-602 105

RESEARCH PUBLICATIONS FROM THE DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

(JUNE 2015 – MAY 2016)

SL.NO.	AUTHOR	TITLE	JOURNAL/ CONFERENCE	VOLUME/ ISSUE/ YEAR
1.	Vinu Kiran S, Prasanna Devi S, Manivannan S	Incentive compatible E-Mandi with large scale consumer producer matching using BigData based On Gale-Shapely algorithm for Perishable Commodities SCM	Fourth International Conference on Recent Trends in Computer Science & Engineering, Chennai, Tamil Nadu, India, Procedia Computer Science, Elsevier	Volume: 87 , pp: 215 – 220, doi: 10.1016/j.procs.2016.05.151, Apr 2016.
2.	Sujatha .V, Prasanna Devi S, Vinu Kiran S, ,ManivannanS	Bigdata analytics on Diabetic Retinopathy Study (DRS) on real-time data set identifying survival time and length of stay	Fourth International Conference on Recent Trends in Computer Science & Engineering, Chennai, Tamil Nadu, India, Procedia Computer Science, Elsevier	Volume: 87, pp: 227 – 232, doi: 10.1016/j.procs.2016.05.151, 2016.
3.	S. Prasanna Devi, Y. Narahari, N. Viswanadham, S. V. Kiran and S. Manivannan	E-mandi implementation based on gale-shapely algorithm for perishable goods supply chain	IEEE International Conference on Automation Science and Engineering (CASE), Gothenburg	PP. 1421-1426. DOI: 10.1109/CoASE.2015.7294297, Aug 2015
4.	V.Muthu	The secured publish/subscriber system via 2 way authentication using identity based Encryption	Global Journal of pure and Applied Mathematics	Aug2015
5.	M.Manoranjitham, K.Selvi, E.Murali	Secure Transmission of Data	IJARCSSE	Vol 6/Issue 5, May 2016.
6.	D.Chitra Devi, R.Sivakani	Inspecting Cloud Storage Via Deniable attribute based Encryption	International Journal of Development Research (IJDR)	May 2016
7.	K.Selvi, M.Manoranjitham	SMS based E-mail sending techniques in android mobiles	IJDR	May 2016
8.	M.Umadevi	Energy efficient clustering and random data aggregation in wireless sensor networks	International journal of advanced research in computer science and software Engineering	May2016
9.	R.Sivakani, D.Chitra Devi	Security for safety pin entry	IJARCSSE	Vol 6/Issue 5, May 2016.
10.	G.Visalaxi, R.Madhan Mohan	Efficiency of JPEG image compression using Quantization Noise Analysis	International Journal of Innovative Research in Computer and Communication Engineering	PP: 8169-8175, May 2016.