

wishing you a
**Merry Christmas
& Happy New Year**



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**JYOTHI ENGINEERING
COLLEGE**

CHERUTHURUTHY, THRISSUR

**JECC
NEWS**

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Astra Jyothi



Jyothi Engineering College announced a unique Quiz Competition as part of Tharang'15 our annual Tech fest. This is open to all Plus Two students in the state. The competition was officially announced by the Home Minister of Kerala, Sri. Ramesh Chennithala. The function was attended by MLAs : Adv. Therambil Ramakrishnan and M. P. Vincent



Principal Dr. K. K. Babu , Ex. Mng Fr.Jos Punnilparambil,PRO Fr. Roy Joseph Vadakkan, Finance manager Fr. Joju Chriyankandath and student union chairman Sajith Syamaprasad were present on this proud occasion.

Four winners of the competition will be granted a free four year B-Tech education at Jyothi Engineering College. Cash awards totalling over one Lakh rupees are also extended.

Fifty students from each school were allowed to participate. The first round of the compition was held at respective schools on the 28th of November 2014. The selected candidates will participate in the next round which will be held on the 23rd of Jan 2015. The Quiz Competition was inaugurated at 11.30 am on 28th Nov 2014 at St.Thomas School,Thrissur by Mar. Raphael Thattel Auxiliary Bishop of the Archdiocese of Thrissur.



Activities at Jyothi



Jyothi Engineering College hosted the 25th Annual Convention of ISTE-Kerala Section on 25th October 2014. With the theme **"Strengthening Technical Education For Sustainable Development"**, the convention was one of the most successful ever. Our first Honorable Vice Chancellor of Kerala Technological University Dr. Kuncheria P.Isaac found time amidst his very tight schedule to grace our annual convention and inaugurate the session. Dr.K.Vijayakumar, Director of Technical Education,Govt of Kerala delivered the key note address. The event started with an inaugural ceremony which show cased several eminent academicians and administrators from across the



State of Kerala. Invitees to grace this ceremony were Msgr. George Edakalathur, Manager, Jyothi Engineering College, Dr.B.Anil Chairman, ISTE-Kerala Section, Dr.K.Vijayakumar Director of Technical Education, Govt. of Kerala, College, Dr.Shali.P.R, Secretary, ISTE Kerala Section, Dr.P.T.Rajan Nambiar, National Executive Member, ISTE, Er.C.K.Mohanana, Director VHSE. Dr. K. K Babu, Principal JECC was the Organizing Chairman. Mr.C Karunakaran, AP Dept of ME was the Organizing secretary of the event. There was an enthusiastic response to the innovative ideas that many of the speakers put forward. Teachers felt that such get-to-gethers helped in garnering ideas about teaching methodology.



ISTE

Staff Chapter of JECC Participation in Faculty Seminars

Mr. Cijil. B. John, AP. Dept of ME presented a paper on 'Experimental investigation on direct injection diesel engine using biodiesel as fuel' on 29th August 2014.

Mr.Rijo.P.C, AP.Dept of ECE presented a paper on 'Performance analysis of FINFET using high h dielectric' on Nov 7th 2014.

Mr.Jithin.K. Kuriakose, AP.Dept of ME presented a paper on 'Design and Development of rotary blade cutting system for paddy harvester application' on Nov 14th 2014.

Mr. Ajith Krishnan.R, AP.Dept of ME presented a paper on 'Asphalt solar collector analysis by FEM' on Nov 21st 2014.

The ISTE Student chapter of JECC sponsored 2 day workshop on ROBOTICS" was Organized by



Mr. Jinesh K J, Asst. Prof., Dept. of ECE assisting the students in implementing the robotic design during the Workshop

DEPARTMENT OF CIVIL ENGINEERING

Inauguration of CEA

- Civil Engineering Association (CEA) was inaugurated by Mr. Shyju Nair, Manager Gujarat Ambuja cements Ltd, Kochi on 8/8/2014. He delivered a talk to the third and fifth semester students of the department on 'Micro and Ultrafine materials in concrete'.

Technical Session

- Dr. Anitha Jacob handled a technical session about 'Application of Total station on Road and Intersection Data Collection' on 27th



September 2014 during the three day workshop on "Advanced Surveying using Total Station" conducted at GEC.

Student Achievements

- S5 students of civil department hold the first position among the self financing colleges and fourth position in the University of Calicut with 79.37 percent marks in the Third Semester University Results published by Calicut University.

UNIVERSITY RESULT TOPPERS (S3)



Ms. Ameera V. U.
SGPA 8.77



Ms. Divya Joshi
SGPA 8.76



Ms. Bency Joy
SGPA 8.07

Other Activities

New Geotechnical Laboratory of civil department has been set up.

Proposal for setting up of Environmental lab of seventh semester is submitted and quotations are invited. Also, it has been decided to upgrade the lab as a water related consultancy center with the approval of Kerala State Pollution Control Board.

The Department conducted a one day workshop on 'Application of Total station for Geometric Data Collection' as part of training for the faculty of our college, on November 11, 2014.

DEPARTMENT OF BASIC SCIENCE & HUMANITIES

This is a department dealing mainly with the first year students and reaches out to all the other branches of engineering at various stages of academic progress. Along with the routine teaching of the university syllabus the faculty of this department is also responsible for providing windows to the outside world through professional counseling and other studies.

Fr. John Tharayil who handles most of the psychological issues that arise among the students took a step further when he conducted a



session on WOMEN PSYCHOLOGY at the inaugural function of the Women's Development Cell. He gave a lot of suggestions about dealing with problems that women face within and without the bounds of marital life. Students found the session extremely fruitful and practical. There were requests for more such classes on a regular basis.



Our vibrant Management expert, **Fr. Roy Vadakkan**, took a session at the inaugural workshop of the IEEE at the Jyothi campus. He spoke on Redefining the Marketing for the Twenty First Century.

The young mathematician amidst our faculty, **Asst. Prof. Sandeep**



Narayanan who is to receive his Ph.D. degree any day now, published an interesting paper titled: Detour Distance and Self Centered Graphs in the journal of Mathematics and Computer Science.

Scientist Prof. Balagopal of the chemistry Department, who also heads the research wing of Jyothi, published three papers in reputed journals. They are:

Balogopalan, M., Sheena, K. and Geetha, T. 2014. Variation in the quantity, composition and quality of oils from Indian and African sandalwoods. *Flavours and Fragrance Journal*.

Pillai Raji K., Seethalakshmi K. K., Chandramohankumar N. and Balagopalan M. 2014. Green synthesis, characterization and pharmacological potential of silver nano-particles from *Bambusa vulgaris*. *J. Biomed. Nano Tech*.

The English Professor in the faculty **Dr. Usha Menon** handled a session on Creative Writing at a workshop organized by S.G. Publications on 6th December 2014, at Trivandrum.

She also published a story for children titled **THE LILLY'S PLAINT**, encouraging environmental preservation and greening of the earth. The story was published in **LITTLE HANDS**, the children's journal



Ms. Reshma



Mr. Sanjo



Ms. Tessa



Mr. Varghese John

Ms. Tessa Jose of S5 & Mr. Varghese John of S7 won First & Second prize respectively in *Best Technie* event conducted as part of "AZURE 14", a Tech Fest conducted by Amal Jyothi Engineering College, Kanjirappally.

Mr. Gijo Varghese, Mr. Joe Mathew, Ms. Reshma R of S5 students were selected to visit TechFest IITD as part of participating in the workshop conducted by IEEE on "Embedded System with Arduino"

Papers Published

Mr. Dany Varghese M.Tech, CSE & Mr. Viju Shankar Asst. Professor, CSE presented a paper COGNITIVE COMPUTING SIMULATOR – COMPASS at the International Conference on Contemporary Computing and Informatics(IC3I) conducted by IEEE Bangalore section at SJCE, Mysore, from 27 to 29 November 2014. The same was published in IEEE Xplore Digital Library (ref. no. 978-1-4799-6629-5/14)

Ms. Neethu Joseph Mtech, CSE & Ms. Aswathy Wilson Asst. Professor, CSE presented a paper **Retrieval of Images using Data mining techniques** at the **International Conference on Contemporary Computing and Informatics(IC3I)** conducted by IEEE Bangalore section held in SJCE, Mysore, from 27 to 29 November 2014 and published the same in **IEEE Xplore Digital**



Mr. Arif



Ms. Aswathy Wilson



Mr. Bineesh M.



Mr. Danny Varghese



Ms. Diana Davis



Ms. Filma Mathew



Ms. Glemin George



Mr. Harikrishnan V.



Ms. Midhya Mohan

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING



CESA (Computer Engineering Students Association)

CESA organized a two day workshop on "HACKADROID" on 23rd, 24th September 2014 in tandem with Tech Defense, Ahmedabad. The resource person of the day was Mr. Mahesh Rakheja, Ethical Hacker-Tech Defense, Ahmedabad.

Student Achievements



Mr. Gijo



Mr. Joe



Mr. Jovis

Mr. Gijo Varghese, Mr. Joe Mathew, Mr. Sanjo Simon & Mr. Viju Shankar, AP CSE took a class on "Computer Awareness Programme for School Students" at Govt. Higher Secondary School, Cheruthuruthy on 22/9/14.



Mr. Naveen



Ms. Neena George P.



Ms. Neethu



Mr. Viju Sankar

Library (ref. no. 978-1-4799-6629-5/14)

Ms. Neena George P, Ms. Midhya Mohan E of S7IT, Ms. Diana Davis Asst. Professor, CSE published a paper entitled : "ZigBee Technology For Data Communication-A Comparative Study With Other Wireless Technologies" in the International Journal of Advanced Research in Computer Science(IJARCS) Volume 5, No. 7, September-October 2014 ISSN No. 0976-5697 : PP 261-265

Ms. Neena George P, Ms. Silpa Johnson, Mr. Arif P.A, Mr. Naveen Pavitrana of S7IT, Ms. Diana Davis Asst. Professor, CSE published a paper titled : "Color Code -The Replacement for Bar Code " in the International Journal of Computer Sciences and Engineering (IJCSE) Volume-2, Issue-10 E-ISSN: 2347-2693: PP 76-79

Midhya Mohan E, Filma Mathew, Glemin George, Hari Krishnan V, Vaneza Benny of S7IT, Bineesh M Asst. Professor, CSE published a paper titled : Lab Tracer- The Remote Desktop Technology in International Journal of Computer Sciences and Engineering (IJCSE) Volume 2, Issue 10, November 2014 ISSN No. 2347-2693 : PP 62-66

Staff Achievements

Prof. Muralee Krishnan C was awarded the "**SADHGURU AWARD 2014**" from the University of Calicut which was presented by the Vice Chancellor of the University on 19th September 2014 at St. Joseph College, Irinjalakuda.

Industrial Visit

S4 CSE A went on an Industrial Visit – from 27/11/14 to 29/11/14 to Amritha Agro Industries, Nilambur, ACE Components & Electronics, Mysore & Khushal Plywoods, Coorg. They also went for sight seeing at Mysore and Coorg.

S4 CSE B went on an Industrial Visit – from 27/11/14 to 29/11/14 to Cybros Technology, KINFRA, Kozhikode & Polyflex Packaging Industries, KINFRA, Kozhikode. They also went for sightseeing to Wayanad and Ooty.

DEPT. OF ELECTRONICS AND COMMUNICATION ENGINEERING

DEPARTMENT ACTIVITIES & ACHIEVEMENTS AEISA ACTIVITIES

Applied Electronics & Instrumentation Students' Association (AEISA) for the academic year 2014-15 was inaugurated on 04/09/2014. The Chief Guest was Mr. Louis P. J., Sr. Manager, Utility, Indian Rare Earth Limited, Aluva. A talk on 'Instrumentation & PLC' was delivered by the Chief Guest as a part of the inauguration.



Dr. Jose P Therattil, HOD, ECE presenting the memento to Mr. Jinesh K J, Asst. Prof., Dept. of ECE

FAREWELL TO MS. DHANYA NAIR (Instructor, Dept. of ECE)

A farewell ceremony was organized by the Dept. of ECE to wish farewell to Ms. Dhanya Nair on 14/11/2014. Ms. Dhanya Nair served as Instructor, in the Dept. of ECE for 7 years. Rev. Fr. Jose Punnoilippambal, Executive Manager, Dr. K K Babu, Principal, Er. Thomas Mathew, Administrator, Er. Bobby Peter, Asst. Administrator graced the function with their presence.



STAFF ACTIVITIES & ACHIEVEMENTS

PAPER PUBLICATIONS

Ms. Anjitha V, Asst. Professor along with Ms. Anphy Jose, Ms. Deepa Merlin Dixon K, Ms. Naiji Joseph, Ms. Silpa George E (2010-14 ECE Batch) published a paper titled "Performance Study of Edge Detection Operators" in the Proceedings of International Conference on Embedded Systems (ICES-2014), IEEE



Mr. Jinesh K J, Asst. Professor along with Ms. Rose Mary John, Ms. Finky Francis, Mr. Joe Neelankavil, Mr. Alwyn Antony, Ms. Ancy Devassy (2010-14 ECE Batch) published a paper titled "Smart Public Transport System" in the proceedings of the International Conference on Embedded Systems (ICES-2014), IEEE



Mr. Abin Johns Raju, Asst. Prof., along with Ms. Lakshmi R, Ms. Tilty Tony, Ms. Vineetha Wilson, Ms. Nella V Francis & Ms. Theresa Jones of 2009-2013 ECE Batch published a paper titled "An analytical approach to the performance of Low Density Parity Check Codes" in the Proceedings of 2013 International Conference on Advanced Computing and Communication Systems (ICACCS), IEEE



Mr. Abin Johns Raju, Asst. Prof., along with Ms. Lakshmi R, Ms. Tilty Tony, Ms. Vineetha Wilson, Ms. Nella V Francis & Ms. Theresa Jones of 2009-2013 ECE Batch published a paper titled "A Comparative Study of LDPC Codes & Convolutional Codes in WiMedia PHY" in the journal of IEEE International Conference of Advanced Computing & Communication Systems (ICACCS), IEEE

PAPER PRESENTATIONS

Mr. Jobin Varghese, Asst. Professor presented a paper titled "Optimized Area Architecture for the Demodulation of Digital Frequency Modulated Audio Signals using FPGA", in the International Conference on Signal and Speech Processing-ELSEVIER held at TKM Engineering College, Kollam on 21/08/2014.



Mr. Jobin Varghese, Asst. Professor presented a paper titled "Performance Analysis of SMAC and TDMA protocols under Varying Traffic Density over Wireless Sensor Networks", in the International Multi Conference on Innovations in Engineering and Technology - ELSEVIER held at VVIT, Bangalore on 22/08/2014.

Mr. Jobin Varghese, Asst. Professor presented a paper titled "Dynamic Duty-Cycled MAC for Wireless Sensor Networks with Energy Harvesters", in The International Conference on Circuits, Communication, Control and Computing (I4C 2014)-IEEE, held at M.S Ramaiah Institute of Technology, Bangalore on 21/11/2014 and 22/11/2014.

SEMINARS/WORKSHOPS CONDUCTED BY FACULTY

Mr. Jinesh K Jose, Asst. Professor, Dept. of ECE handled all the sessions of 'ROBINO - Workshop on Robotics using Arduino Platform'

Mr. Rijo P C, Asst. Professor, Dept. of ECE conducted a seminar on "Performance Analysis of FinFET using High-K Dielectric" organized by ISTE Chapter, JECC on 07/11/2014.



PARTICIPATION IN FDPs / SEMINARS / WORKSHOPS

1. **Mr. Vivek Lukose**, **Mr. Jobin Varghese**, **Mr. Rijo P C**, **Ms. Ambily Francis**, **Ms. Drisya M K**, and **Ms. Nyni K A** have participated in the Faculty Development Programme on "Concepts Coaching", conducted by ICT Academy of Kerala from 12/11/2014 to 14/11/2014 at JECC.

2. **Mr. Ponmani Raja M**, Asst. Professor participated in the Short Term QIP Sponsored Course on "RF Circuits and Systems for Industrial Applications" organized by the Department of Electrical Engineering, IIT Kanpur from 18/09/2014 to 22/09/2014.

STUDENT ACTIVITIES AND ACHIEVEMENTS

STUDENT PROJECT PROPOSALS SELECTED FOR FUNDING AND PARTICIPATION IN "YUVA MASTER MIND-2015" COMPETITION

Project proposal titled 'Eyeball Controlled Wheelchair using Raspberry Pi with Home Automation' by Ms. Anna Joby Manjila, Ms. Jisna Shajan, Ms. Livy Varghese, Ms. Melinda Sunny, Ms. Nivya M S (2011-2015 ECE Batch) under the guidance of Mr. Jinesh K J, Asst. Professor, Dept. of ECE was selected for funding and to participate in the "Yuva Master Mind 2015" contest for innovative projects organized by Malayala Manorama News group, Kottayam.

PARTICIPATION IN INTER COLLEGE EVENTS

Mr. Abin Anto K and **Mr. Sebastian Joseph** (2011-15 ECE Batch) won the second prize in the event 'KARMAJWALA - Circuit Designing and Debugging Contest' conducted as a part of the National Tech Fest GAMAYA 2k14 on 19/09/2014 to 21/09/2014 by NSS College of Engineering, Palakkad, Kerala.

Mr. Bobby Jose (2014-18 ECE-A Batch) won the 1st Prize for his



project "Bluetooth based Wireless Controlled Robot using Smartphone" in the Project Expo conducted as a part of NIRMAAN '2014 Tech Fest organized by the Dept. of Civil Engineering, CUSAT, Kochin on 17/10/2014 and 18/10/2014.

Mr. Joseph Jeevan (2014-18 ECE-A Batch) won the 1st Prize in Circuit Designing and Debugging Contest conducted as a part of PALMARIUS 2014 - Tech Fest organized by Sahridaya College of Engineering and Technology, Kodakara, Thrissur on 13/10/2014 and 14/10/2014.



INDUSTRIAL VISITS / EDUCATION TOUR



33 Students from 2011-2015 AEI Batch visited Hindustan Aeronautical Limited, Bangalore as a part of their 7 Day Educational Tour. They also went to Hyderabad and Bangalore between 05/10/2014 & 12/10/2014 along with **Mr. Vivek Lukose, Asst. Professor, Ms. Alice Paul K, Asst. Professor** and two parents.

SOCIAL SERVICE ACTIVITIES



Students from S5 AEI (2012-2016 AEI Batch) visited 'St. Christina's Old Age Home', Pullazhi, Thrissur, as a part of Compulsory Social Service along with **Ms. Neethu Rose Thomas, Asst. Professor** on 02/10/2014. The visit was an eye opener to many students who had never glimpsed the world of poverty & suffering which exists beyond the cushioned walls of their homes and colleges.

DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING

STUDENT ACHIEVEMENTS

Ms. Rosmy Varghese (S7 EEE,) was adjudged the best student of Thrissur district In the year 2014 on 15/09/2014 by the Architects and Engineers Association.



42 students of S7 EEE went on an industrial tour



from 21/09/2014 to 27/09/2014 along with 2 faculty members (Asst. Professors Prasad C, & Renjini G) of the department.

They went to Hyderabad, Mysore and Bangalore to visit Fab Mill Industries, Hyderabad and Veekesey Sandals Mysore.

Ms. Rosmy Varghese and **Mr. Jeswin James** of S7 EEE attended a competition on ROBOTRYST-14 organized by Robosapiens Technology Ltd. in association with IIT-Delhi annual tech fest TRYIST and were selected to finals which will be on Feb 28th 2015. They were also first in the Zonal level competition conducted at Jyothi Engineering College.



MAJOR DEPARTMENT ACTIVITIES

Mr. Ratnan took charge as HOD of EEE department w.e.f 21/10/14.

An ISTE sponsored 2 day workshop on Robotics was conducted on 9/10/14 and 10/10/14. **Mr. Akhil R**, from ECIAN Pvt. Ltd., Kottayam was the resource person.

TBI NEWS

An Online Public Access Catalog(OPAC) solutions was launched in our College Library by Ex. Manager Rev. Fr. Jos Punnoliparambil on 25-11-2014.



This system was developed by Ms. Ramlath P U (Programmer, TBI). It helps students to know the present status of any book in the library, if it is available or issued. After the arrangement of the library is complete it will also be available to any user of the Library to find the location of the book, thus saving a lot of time for both the students and the library staff.



DEPARTMENT OF MECHANICAL ENGINEERING

A 3 day course from 14th to 16th October on "Design and Fabrication of Pressure Vessels" was organised for the Mechanical Department in association with AMES. **Mr. C. Karunakaran, Mr. Manoj Kumar V. K., Mr. Christy V. Vazhappilly, Mr. Suneeth Sukumaran and Mr. Sheik Afthab S., (APME)** along with 40 students of S7ME underwent the training. It was conducted by Sri P. G. Shah, Sr. Vice President, Technical at Patel's Airtemp, Ahmadabad. He is an authorized ASME Training Faculty.



STAFF ACTIVITIES

Mr. C. Karunakaran, (APME) attended a short term course on "Hybrid Nano Composites for Electronics and Energy Application" at IIT Kharagpur from September 1st to 12th.

Mr. C. Karunakaran, Mr. Christy V. Vazhappilly, Mr. Melvinraj C. R., Mr. Sukesh O.P. Mr. Nice Menachery & Mr. Cijil B. John (APME) attended a National Workshop on "National Skill Qualification Framework" (NSQF) in connection with 44th Annual National Convention of ISTE Conference at CET, Trivandrum from 27th to 29th November 2014.

STAFF ACHIEVEMENTS



Mr. Cijil B. John



Mr. Biju C. V.



Mr. Nikhil N. S.



Mr. Sreejith K.



Mr. Basil Varghese



Mr. Deepak Das



Mr. Cijil B. John (APME) got the first rank for the M.Tech course in Internal Combustion Engineering, at Hindustan University, Chennai.

Mr. Biju C.V. (Asso. Prof. ME) & Mr. Nikhil N.S. (APME) presented a paper on "Pause & Search"- a multipillar approach as a modified taxonomy for technical education, at the 25th ISTE State Convention held at JECC. It won the second best paper award and a cash prize.

Mr. Biju C.V. (Asso. Prof. ME) along with Assistant Administrator **Mr. Bobby Peter**, presented a research and development project proposal before Dept. of Science and Technology at IISC Bangalore on 26th November 2014 with title "Technical Intervention for rehabilitation for senior and disabled citizen of a suburban area in Kerala"

Mr. Sreejith K. (APME) and 5 students of 2014 ME Batch, (Basil Varghese, Deepak Das, Delvin Devassy, Harikrishnan K., Sharath G.K.) Published their Main Project as a research



Mr. Delvin Devassy



Mr. Harikrishnan K.



Mr. Sharath G. K.

paper titled "Design and Cost Optimization of Plate Heat Exchanger" in the International Journal of Engineering and Science (IJES) November 2014.

Student Achievements

Mr. Joemon Benny, Mr. Kiran B.Chirayath, Mr.Prashob T.P. Mr.Rahul Unni,Mr.Sooraj George and Mr. Joel J Manjaly (S5ME B) won the second prize in "Contraption", event of "Plamarius", National Level technical Fest, organized by Sahrdaya College of Engineering and Technology, Kodakara on 14th October 2014.

Mr.Betson Jose Attokaran (S3ME A) won the first prize in "Electro Cave" event of "Plamarius", National Level technical Fest, organized by Sahrdaya College of Engineering and Technology, Kodakara on 14th October 2014.



Student Activities

S4ME B students went for a 3 day study tour to Idukki, Munnar, Coimbatore & Ooty and visited Lower Periyar Power House (Karimanal), Shri Raamalaxmi Alloy Casting Industry (Coimbatore), Doddabetta tea factory & Tea Museum (Ooty). Assistant Professors Ajith Krishnan R. & Jithin K. Kuriakose accompanied the study tour.



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EEE Department on from 9th October to 10th October 2014. The main objective of the workshop was to familiarize the ROBOTICS and it's applications in various fields of Electrical Engineering. The number of participants in the workshop from various departments totaled 54 students. The 2 day workshop was conducted by Mr.Akhil & Team from Rajiv Gandhi Institute of Technology. The morning session

of the first day was based on the fundamentals of MICROPROCESSOR" and various applications of microcontroller using ARDUINO board. Blinking of LED, Ultrasonic sensor was the main attractions of this session. The afternoon session was based on the application of Arduino board on various types of games, How Light dependent Resistor is used with arduino board and Accelerometer and its applications. On the second day the morning session was based on the various comp- onents of Robot and how they are controlled by android applications. In the Afternoon session a robot was designed using arduino board and android app and also discussed its working and applications.

ISTE Student Chapter Activities ROBINO 2014

The two day workshop entitled "ROBINO: Robotics workshop using Arduino" was organised by ECE Department under the sponsorship of ISTE Student Chapter of Jyothi Engineering College on 16th, 17th October 2014.

BLOOD BANK & RED RIBBON



GIVE BLOOD SAVE LIFE

This is the slogan of the day that filled the air as the Blood Donor's Forum came together. Jyothi has an active group of donors available at call for all who need their services. The dangers of today's donor blood services were highlighted when the forum together with the Red Ribbon Club organised a program on December 1st World Aids Day at Jyothi Engineering College. Two doctors from the blood bank of Jubilee Mission Hospital Dr.Raphi and Dr.Ganesh came to advise our students about Aids its prevention and its dangers. They spoke about safe sex and hygienic living. Life style changes to day pose great threats to the well-being of society. Deceases spread through blood and through a virus were becoming common in society. The Doctors dealt with these in details and made the students aware of the Dangers around them.



IEE ACTIVITIES ON CAMPUS



IEEE SB Activities inaugurated by Prof. Muhammed Kasim S, Students Activities Chair IEEE Kerala Section on 3rd September 2014. Rev. Fr. Roy Joseph Vadakkan handled a session for students on "Redefining Marketing for 21st Century".

Realizing that technical knowledge should not be limited to college campuses alone an attempt was made to create awareness at school levels about the emerging technical world by outreach programs. One such was a challenging quiz competition.

IEEE - PES Kerala Chapter - A Quiz Competition for Plus Two students was conducted in two schools on 17th October 2014 in association with IEEE SB JECC. Mr. Jidin Dinesh of Carmel CMI School, Shoranur & Mr. Ashiq Sherieff of Govt. HSS, Cheruthuruthy secured first prize in the event.

The IEEE PES State level quiz for first year students preliminary level was conducted on 7th October 2014.

Mr. Navaneeth Prabhakar, S1S2 ME B & **Mr. Elbin Jose**, S1S2 ME A secured the first and second prizes.



Mr. Navaneeth Prabhakar



Mr. Elbin Jose

A two days Workshop on "Embedded Systems with Arduino" conducted on 10 & 11 October 2014 in association with Robosapiens Technology Pvt. Ltd.

Mr. Vishnu K, Ms. Peeyusha V.P, Ms. Anjali V.S, Mr. Edwin Andrews of S5ECE, Mr. Jeswin James, Ms. Roshmy Varghese, of S7EEE Mr. Anup Nair, Mr. Jerin Joseph of S7ME, Mr. Smruthi KH of S3ECE, Mr. Joe Mathew, Ms. Reshma Ravi, Ms. Naveena Varghese, Mr. Gijo Varghese of S5 CSE were selected into Robotryst-15, A Tech fest conducted by IIT Delhi.



PTA

The PTA at Jyothi is an active and vibrant body closely associated with all the activities of the college. Student academics are regularly monitored by the parents and teachers alike at joint sittings where individual issues and problems are discussed and dealt with class by class. A PTA get together was held in October 2014, followed by a general body meeting on 28/11/2014. New PTA members from among the parents of the students were elected to various offices of the PTA. The following members were elected.

PTA Executive Committee Members from parents of S1S2 students

Mr. T M Abbas (CE)
Mr. Lalamon (CSE, A)
Mr. Shaju Chacko (CSE, B)
Mr. Benny K F (ECE, A)
Mrs. Smitha Shaji (ECE, B)
Mrs. Jeena Roy (EEE)
Mr. T A Babu Raj (ME, A)
Mr. Babu P A (ME, B)

ENTREPRENEURSHIP DEVELOPMENT CELL PROGRAM

A talk by the delegate from NASSCOM was conducted for all the S7 students of CSE and IT departments and 10 aspirant students each from the rest of the departments on 04-JULY-2014 at DECENNIAL HALL, Jyothi Engineering College. The Senior Director of NASSCOM – Mr. Purushothaman presided over the meeting. Principal, Dr.K.K. Babu briefed on the importance of the Entrepreneurship Development Cell (EDC) and the rising needs of exposure to the corporate world. Mr. Varghese John, coordinator, welcomed the gathering.

Young Entrepreneurs Summit (YES)

A Government of Kerala initiative to foster entrepreneurship in young minds @ Adlux International Convention Centre, Kochi on 12th September 2014. This novel venture by Government of Kerala with the support of Kerala State Industrial Development Corporation (KSIDC) and Industries Department, aims to establish Gods' Own Country as a vibrant Entrepreneurial State. Anil Antony from Jyothi attended the convention accompanied by Students : Sanjo Simon, Gijo Varghese, Joe Mathew, Deen Shifaz

"Entrepreneurship Day Celebration"

The Entrepreneurship day was celebrated and the entrepreneurship development cell (EDC) of the college was inaugurated on 23rd October 2014 at 1.30 pm. Rev.Fr.Jose Punniliparambil, Executive manager of Jyothi Engineering College presided over the meeting. Dr. K.K. Babu, Principal of Jyothi Engineering College inaugurated the meeting. Mr. Vishnu K. Nair, student, Coordinator, Events and Management welcomed the gathering.

The Logo for EDC, which conveys the meaning of refined and moulded idea, was launched by Ms. Deena Venugopal, founder & CEO of Anabytes. The website www.edc.jecc.ac.in was officially inaugurated by Mr. Rajeev Krish, Founder & CEO of WAUM team. The gathering was felicitated by Er. Thomas Mathew, Administrator of JECC and Er. Bobby Peter, Asst. Administrator of JECC.

The official launch of the startup was done giving a brief introduction

of the new startup from JECC ,INFORGE, by Mr. Dany Varghese, S3 M.tech,JECC.

Mr. Rajeev Krish then gave the gathering an idea of how he became entrepreneur, what is the major difference between an entrepreneur and an employee.



Ms.Deena Venugopal, founder of Anabytes, started her talk with an inspiring video which she presented at the YES (Young Entrepreneurs Summit).She specially focused on the rising up of Anabytes, and the difficulties of a woman entrepreneur in society.

WDC



The activities of the Women Development Cell of Jyothi Engineering College, Cheruthuruthy for the academic year began with an Talk on 'Women Psychology' for its members on 17/10/2014.Lady

students from each Department were selected for participation. 90 students participated in the program. The chapter was fortunate enough to get the service of our in house resource person, **Rev Fr JohnTharayil, Professor & HOD** of Basic Science and Humanities Department who is a well know counselor.

Rev Father started the session by pointing the important role of women in the current scenario. Rev Father detailed the various stages of mental growth of an individual and outlined how an individual should be brought up in an ideal manner so that he/she becomes a blessing for society. He stressed on the need for sacrifice and adjustments in our daily life. Rev Father dedicated the second half of the session for women's psychology and man-woman psychology in married life. The session came to an end at 4.15 pm.

NATURA



NATURA Environmental Forum for the academic year was inaugurated by Dr. V. S. Vijayan, Former Chairman, Kerala State Bio-diversity Board and Dr.T.V.Sajeev, Sr. Scientist & Programme Co-ordinator, APFISN, KFRI, Peechi. Vegetable

seeds were distributed to all the students and staff. The tree planting ceremony was initiated by the chief guests, Ex.Mgr.Fr.Jos Punnoliparambil and Principal Dr.K.K.Babu. This was followed by planting of 50 saplings.

NSS



A step to avoid plastic by NSS Volunteers

With the intention of decreasing the use of plastic in daily life the NSS unit of Jyothi Engineering College conducted a programme making paper bags and its

distribution on 23rd August 2014 on the college campus. An awareness on the importance of reducing the use of plastic in our daily lives was given to nearby kudumbashree members by some

senior volunteers.

NSS day Celebration

As a part of the NSS day celebrations, the NSS unit of Jyothi Engineering College initiated an awareness campaign in Energy Conservation. As the first step of Energy Conservation, the volunteers exhibited posters and charts for an awareness.

Gandhi Jayanthi Celebrations

As part of the celebrations on October 2nd 2014 NSS volunteers of Jyothi Engineering College undertook the task of cleaning "Vallthole Nagar" Railway station, Vettikattiri. The programme was conducted in association with 'swatch Barath' movement. The inaugural function began at 9 am in Railway station compound. NSS Program Officer, Railway officers and NSS volunteers were present for the same

Antiragging

On 18th October 2014 the Jyothi NSS unit conducted an antiragging class to create an awareness regarding the rules and regulation related to ragging. The session was handled by Adv. Joseph

Primary Health Centre Cleaning

The NSS unit of Jyothi Engineering College undertook the task of cleaning the primary health centre of cheruthuruthy. The programme began at 10 am with the small inaugural function. The superintendent of the primary health centre Thara M A offered felicitations at the function.

PLACEMENT

PLACEMENT ACTIVITIES IN THE ACADEMIC YEAR 2014-15

- 1.M/s. Infosys on 28th October 2014 and 27 were selected.
- 2.The Federal Bank Ltd on 31st October 2014. 19 students were selected.
- 3.M/s. Emphasis on 29th October 2014. 5 students were shortlisted.

Training Activities

1. 5 days pre-placement training was held for final year students on 17th, 18th & 19th September 2014 and 23rd & 24th September 2014 by Career 360.
2. FDP for recently joined faculty members was conducted by the by ICT Academy of Kerala on 12th, 13th & 14th November 2014.



Mr. Abin John



Mr. Ajith Xavier



Ms. Angel Babu



Mr. Arun K. O.



Ms. Athira Sasikumar



Mr. Dejo Romeo M.



Ms. Dilna Jacob N.



Mr. Jan Win Sunny



Mr. Jinto Paul



Mr. Joe Neelankavil



Ms. Neshma A. N.



Mr. Nidhish P.



Ms. Nivia George



Mr. Rahul Krishna K. R.



Ms. Reshma Elia Joseph



Ms. Rose Mary John



Ms. Shinu Shoby



Mr. Sreeragh T. Sateesh



Ms. Tintu Anney Thomas

PLACED IN INFOSYS



Mr. Cijo Jose



Ms. Grace Mary C. Anto



Ms. Greeshma P. Y.



Mr. Jerald K. Philip



Mr. Jerry Joe Chirakkekaran



Ms. Jesna Jose K.



Ms. Mannya Elizabeth Chandy



Mr. Mathew J. Kodenkandath



Ms. Meera Muralleedharan P.



Ms. Mubeena K.



Ms. Nithara Radhakrishnan



Mr. Roshin C. Jackson

PLACED IN INFOSYS



Mr. Adarsh M.



Ms. Anna Varghese P.



Ms. Anusha K. B.



Mr. Sajith Syamaprasad



Ms. Simi Simon P.



Ms. Smiya Johnson Puthiri



Mr. Sonnet P. Reju



Ms. Soorya M.



Mr. Sreenath V.



Ms. Thasneem V. A.



Mr. Tony Chacko



Ms. Twinkle Antony



Mr. Vinay Sankar K.



Ms. Vinaya K. Viswanath



Mr. Vipin Joshuva Victor

JYOTHI ENGINEERING COLLEGE CHERUTHURUTHY

Date:12-11-2014 to 14-11-2014.



As a part of ICT academy programme a 3 day faculty development programme was conducted for the 31 members of the faculty in our college. The programme started at 9.30 AM on 12-11-14 with a small introduction of all the staff members. The resource person Mr. Sreejith is a well experienced person of more than 10 yrs. in various training fields.

The topic of the first day was based on concept coaching and its significance. The session was interactive. The afternoon session mainly dealt with change management. Many interesting activities made the session very active. The class came to an end at 4.15pm.

The second day the session started at the same time next day. The new topic was VAK –video, audio and kinesthetic-which showed the importance of video, Audio and kinesthetic in teaching. He discussed details about effective presentation skills and how to prepare a PPT to make a class more effective and interesting. Many videos were shown and the activities concluded at 4.15pm.

The third day's class started at 9.30am. The session dealt with learning styles. Some exercises and role plays made the session very interactive and useful. In the afternoon session the faculty members did micro presentations which were evaluated by the resource person and other faculty members. After that an overall evaluation of three day programme was done. One suggestion from the faculty was to include some topics in psychology which help to deal with students in certain conditions. The programme come to an end by 4.30PM.

ICT Academy of Kerala TTT (Train the Trainer) Program-Life skills

A three day life skills training by ICT Academy of Kerala was conducted for a select group of 20 teachers on the Jyothi campus from 15th December 2014 to 17th December 2014. The session was taken by Mr. Sreejith Shankar Raja a Professional trainer with 17 years of experience in the corporate IT Sector. On the first day he dealt with business communication, techniques of articulation and art



of writing. The second day covered topics like nonverbal communication, goal setting and time management, creative thinking and problem solving and the final day took the participants through topics like teamwork, personal attitude, work place diversity and leadership qualities.

The session was very interactive with trainer and the participants going in for lively activities and contributing to a lot of information gathering. It threw light on techniques of class room time management. Participants also woke up to the need for commitment in their profession in order to reach heights of success and job satisfaction. The session come to a close with an introduction to meditation as a means of stress relief and refreshment.

CONDOLANCE



IRFAN

Left us on
October 19th 2014



SREEJITH G.

Left us on
December 29th 2014



Jyothi remembers you with tears, you are in our hearts forever.
We pray for the peace of your eternal souls.