



► March 2012
► Book - I
► Volume - IV

Jecc news



www.jecc.ac.in
info@jecc.ac.in
jeccnews@jecc.ac.in

JYOTHI ENGINEERING COLLEGE, JYOTHI HILLS, VETTIKATTIRI P. O., CHERUTHURUTHY, THRISSUR - 679 531

DECENNIAL CELEBRATION-2011

Decennial celebration was inaugurated by the Honorable Chief minister of Kerala Sri. Oomen Chandy on 15th November 2011. Msgr. George Edakalathur, welcomed the audience and the presidential address was by Mar Andrews Thazhath, archbishop of Thrissur dioceses. Decennial Anthem was released by K. Radhakrishnan (MLA). Principal Dr. Gylson Thomas delivered the vote of thanks. In the inaugural Speech Chief Minister pointed out the importance of Aided colleges in the technical field. He praised about the glorious results of Jyothi. Mar Raphael Thattil declared the ISO certification. Sri P. K Biju (MP) released the college Magazine 'fx9914' 2011. Prof. P. Sukumaran honored for ISO implementation.



CONGRATULATIONS

Er. Bobby Peter, Asst. Administrator was conferred the "Media Award 2011 – Karma Mukhya" for his devoted and selfless service while working in the Technical Education Department. He received the Award from the Hon'ble Mayor on 14th April at Trivandrum.



BLOOD DONORS FORUM

A voluntary blood donation camp was organized by Blood Donors Forum of JEC on 16th December 2011. 72 members including staff and students donated blood. Medical team from Jubilee Mission Medical College led the camp. A free blood group detection camp was organized for students of Govt. HSS, Panjal and JEC.



ALUMNI MEET

Decennial Alumni meet held on 28th January 2012. The meeting was inaugurated by former principal Dr. U. Lazar John. The function was blessed with the presence of Msgr. Rev. Dr. George Manadan, V. Rev. Msgr. George Edakkalathur, Rev. Fr. Varghese Kuthur.



TBI

Ms. Ramlath. P. U., Programmer TBI developed and implemented Campus-Online Feedback system.



DEPARTMENT OF APPLIED ELECTRONICS & INSTRUMENTATION

AEISA ACTIVITIES

A paper presentation Contest was organized by 'Applied Electronics and Instrumentation Students Association' (AEISA) on 20/01/12 [afternoon session]. This event was inaugurated by Principal, Dr. Gylson Thomas. The winners were awarded by Er. Thomas Mathew with cash prize worth Rs.1000/- and Rs.500/- for first and second prize respectively. Winners of Paper Presentation Contest are:

- 1- Prize 1) Rohit Raphael [S6 AEI] 2) Vishnu Das C.M [S6 AEI]
2- Prize Niyas Ali [S6 AEI] 2) Neeraj. M [S6 AEI]

A quiz competition was also organized by AEISA on 21/01/12 [afternoon session]

Winners of Quiz Competition

- 1- Prize 1) Alen John Mony [S6 AEI] 2) Binu Balu [S4 AEI]
3) Anupama.B [S4 AEI] 2- Prize 1) Aswini Amritha Singh [S6 AEI]
2) Hima Davis [S4 AEI] 3) Sujitha [S4 AEI]

AEISA organized a Demonstrative class on Repair and Maintenance of Household Appliances on 24- February. This session was handled by Mr. Johnson, an experienced Electrical appliance maintenance Technician.



HAZEL JOSEPH
(2nd Rank)

RANK HOLDERS

The following students of 2007-2011 Batch have secured 2nd and 4th Rank in B.Tech Applied Electronics And Instrumentation from Calicut University.



MUHSINA A.A
(4th Rank)



STAFF ACHIEVEMENTS

Ms. Anusree P.S Lecturer AEI Department has secured 5th Rank in B.Tech Instrumentation and Control from Calicut University.

STAFF ACTIVITIES

Ms. Shainu Paulose and Ms. Roshni Rajan K attended the faculty development program "Emerging Trends in Science and Current affairs" organized by Science and Humanities department of our college on 6th and 7th February

Mr. Ratnan P, HOD, AEI and Mr. Kapildas, participated ISTE sponsored Short term course on "Emerging Trends in Power Electronics and Systems" from 1/2/2012 to 3/2/2012 at EEE department of our college.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING



Prof. Aswathy Wilson has been appointed as the HOD of CSE Dept. from 28th November 2011

COMPUTER ENGINEERING STUDENTS ASSOCIATION (CESA) & CSI STUDENTS CHAPTER

CESA organized a Seminar on the topic "Oracle 10g" by Pinnacle delegates for the CSE student on 16th December 2011.

CESA organized a Seminar on the topic "Project Management in IT industry" by Mustafa, Software Engineer in IBS for the CSE student on 17th dec 2011.

CESA organized a 2 day workshop on "Website Designing using PHP" by CSE dept. & TBI for the s6 students on 19th & 21st dec 2011.

CESA organized a Seminar on the topic "Java/J2EE" by NIIT delegates from Thrissur for the CSE student on 6th Jan 2012 for the S6 students.

CESA & CSI organized a one day Seminar on the topic "General Awareness & Relevance of Network Security" by Ethical Hacker Certified person from ACS, a Xerox company in Infopark Cochin for students in Jyothi Engg. College on 7th Jan 2012.

Computer Society of India (CSI) organized a Seminar on the topic "Introduction to Image Processing & Applications" at Jyothi Engineering College on 03/02/2012. Principal Dr. Gylson Thomas delivered the lecture.

Computer Society of India (CSI) organized a Seminar on the topic "Programming with Bitfields in C" at Jyothi Engineering College on 17/02/2012.

CESA & CSI jointly organized a 2 Day National Level Technical Workshop On 23rd and 24th of February 2012 on the topic "Cloud Computing and Virtualisation" in Jyothi Engineering college. Delegates from Green Add+, Mumbai gave handson sessions to the participants.

STUDENTS ACHIEVEMENTS

Pradeesh of S7 CSE won Second prize in Photography Contest in IGNIZ-2011 Techfest conducted by The students of SCMS School of Engineering & Technology, Ernakulam.

Malini Bhaskar of S7 CSE won the "Best Computer Science Student" Award instituted by the Architecture & Engineers Association Thrissur. The award was presented at a function organized at Casino Hotel in Thrissur on 15/09/2011 (Engineers Day).

Rahana Chelikkattil & Dessy Davis of S7 CSE won Second prize for paper presentation in SilverBlaze, 22nd CSI Regional Students Convention, conducted at Vidya Academy of Science & Technology on 16/12/2011

Aswini Chacko of S6 CSE won First prize in Tamil story writing and Tamil versification, Second prize in Tamil essay writing and Tamil elocution in D-Zone competition of calicut university held at GEC, Thrissur on 06/01/2012

Malini Bhaskar of S7 CSE achieved "SUNNY DIAMOND AWARD" for the Best Student for the over-all performance of the college in the academic year 2010-2011 in the Merit Day Function held on 18/02/2012.

ACADEMIC ACTIVITIES

Result Analysis: Result of Fifth Semester batch has been published. The pass percentage is 91.23%. Malini Bhaskar of S7 CSE rank first in the class with 997 marks. CSE stands first position in the Calicut University.

STUDY TOUR

S7 of CSE Dept. went on a study tour during 18/11/2011-25/11/2011.

MAJOR ACHIEVEMENT

Jyothi Engineering College is now wifi enabled campus. Its official Inauguration was held on 26th November 2011

Placement and Training@ Jyothi Engineering College

Welcome to Jyothi family - Dr. Usha Menon M.A., Phd took charge as the placement officer on November 3rd 2011

DEPT. OF ELECTRONICS AND COMMUNICATION ENGINEERING



Dr. M.K. Radhakrishnan inaugurating the function

NATIONAL LEVEL 3 DAY FDP ON VLSI

The Faculty Development Programme on VLSI (Very Large Scale Integration) organized by our department in association with ISTE Chapter of JECC was conducted during 15th to 17th

December 2011. The total participants of the programme were 30 that include 12 external and 18 internal. The external delegates came from 7 different colleges. The Programme was inaugurated by Dr. M.K. Radhakrishnan, Director, NanoRel, Kochi. The other resource persons of the programme was Dr. Ratheesh, C-MET, Athani, Thrissur, Mr. Sreejesh S.G and Mr. C. Shoukath from DOEACC Centre Calicut.

TWO DAY WORKSHOP ON MATLAB APPLICATIONS

A Two Day Workshop on MATLAB Applications was conducted by ECSA for S7 ECE Students. Mr. Edet Bejoy K, Asst. Professor, ECE Dept. from MES, Kuttippuram handled the first session on 28th Nov 2011 about MATLAB Applications in Communication Engineering. Dr. Gylson Thomas, Principal, JECC, handled the second session on 29th Nov 2011 on MATLAB Applications in Image Processing.

STAFF ACHIEVEMENTS

Ms. Sindhu S, Asst. Professor, ECE, Published a Paper titled "Implementation of 3 Phase Shunt Hybrid Filter using ICOSΦ Algorithm" in the International Journal on Asian Power Electronics, Vol.5 No.1, Aug 2011



Ms. Sindhu S

Mr. Abraham P A, Asst. Professor published a paper titled "Wireless Embedded System for Power Line Monitoring" in Bonfring International Journal on Power Systems and Integrated Circuits, Vol. 1, Special Issue, December 2011



Mr. Abraham P A

SEMINARS/FDPs ATTENDED

Mr. Baskar G (Asst. Prof.) attended the Two Week ISTE Workshop on Solar Photovoltaic: Fundamentals, Technology & Applications under the National Center for Photovoltaic Research and Education (NCPRE) and National Mission on Education through ICT (MHRD, Govt. of India) from 12th – 22nd December 2011, conducted by IIT Bombay at the remote Centre: Amrita Vishwa Vidyapeetham, Coimbatore.

STUDENTS ACTIVITIES/ ACHIEVEMENTS

CLASS TOPPERS



Ms. Rincy P Nelson (S4)



Ms. Karthika Vishwanath (S6)



Mr. Naveen G (S8)

WINNERS OF EVENTS IN PALMARIUS'12

Tech Fest @ Sahridaya College of Technology & Science (7th – 13th Jan 2012)



Mr. Charles Andrews (S8, ECE)
1st - Paper Presentation
1st - Personality Freakout
1st - Best Technical Crew



Mr. Jones J Alapatt (S6, ECE)
1st - Gaming Contest



Mr. Jithin Justice Raphy (S6, ECE)
2nd - Gaming Contest

UNIVERSITY 1st RANK
2010-2011 exam
(B.Tech)

Ms. Vidhya.P
(2007-2011
Batch)



BEST STUDENT AWARD
(B.Tech)
ISTE Kerala section

Ms. Dony J Muttath
(S6)



D-ZONE WINNER
1st in Sanskrit Elocution
2nd in Sanskrit Essay Writing

Ms. Sruthi M
(S8)



CERTIFICATE OF EXCELLENCE & INNOVATION AWARD FROM HCL CDC.

Mr. Charles Andrews and Mr. Prince K P of S8, ECE were awarded the Certificate of Excellence and Medallion for the Innovative Project titled "Geographical Oriented Security Service" by HCL CDC (Career Development Centre), Thrissur on 30-11-12



Mr. Prince K P
(S8, ECE)



Mr. Charles Andrews
(S8, ECE)

IEEE PAPER PRESENTATION CONTEST WINNERS Organized by IEEE Student Branch on 02-12-11



Mr. Charles Andrews(S8)



Mr. Prince K P(S8)



Mr. Naveen G (S8)



Ms. Grace Aloysius (S8)

WINNERS IN 22ND REGIONAL STUDENT CONVENTION

Organized by Student Branch of Vidya Academy of Science & Technology

1st Prize in PAPER PRESENTATION



Mr. Charles Andrews(S8)

2nd Prize in SILVER BLAZE QUIZ COMPETITION



Mr. Jithin Jose M (S8)



Mr. Charles Andrews (S8)

INDUSTRIAL VISIT & EDUCATIONAL TOUR

Students of S7 ECE visited Kirloskar Power Equipments Ltd, Pune, as a part of their 7 Day Educational Tour to Pune and Goa between 9th and 16th Dec 2011 along with Mr. Abraham P A, Asst. Professor & Ms. Bindhu K Rajan, Asst. Professor.

ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT

DEPARTMENT ACTIVITIES



A 3-day ISTE sponsored short term course on "Emerging Trends in Power Electronics and Systems" was conducted in the college under the auspices of AEEE on February 1st, 2nd, 3rd of Feb 2012. The function was inaugurated by Er. Christo George, CMD, Hykon India Pvt Ltd.



AEEE Inauguration

Activities of the Association of Electrical & Electronics Engineering (AEEE) for the academic year 2012-2013 were inaugurated in the Forenoon on 18/02/12 by Smt. Tessa Thomas, Scientist (G), Project Director (Agni), DRDO, Hyderabad



Electrical and Electronics Faculty with Ms. Tessa Thomas

Faculty Achievement

Ms. Aathira K V, Asst. Professor in the Department secured 3rd rank in her M. Tech (Industrial Drives and Control) Degree Examination conducted by M. G University during September 2011



Seminar/Conferences/Workshops/FDP attended

a) Mr Praveen R P attended a Faculty Development Programme in Emerging Trends in Power Systems and MiPower Applications hosted

by Mar Baselios College of Engineering and Technology in association with ISTE during 21/11/11 to 25/11/11

b) Mr Kannan M and Mr Praveen R.P attended the 21st Annual Convention of ISTE held at Vidya Academy of Science & Techonology, Thrissur on 19/11/11.

C) Ms Aathira K.V and Ms Renjini G attended a two day workshop on Computational Intelligence conducted by Dept of Computer Science on 24th and 25th January 2012.

University Examinations Results

a) (S5 Results Published [2008 admissions] Class Topper (Total Pass%-70%)
1. Hima Govind - 935/1200
EEE Department stands 1st in the University

b) S1/2 Results Published [2010 admissions] Class Topper (Total Pass%-56.25%)
1) Amrutha Paul 8.18SGPA
EEE Department stands 3rd in the University

Staff Seminar

An Expert talk on 'Basic Principles of Law' by Sri.P. Bhaskaran, Advocate, High court of Kerala was held on 03/12/2011.



Industrial visit

47 students of S7 EEE accompanied by two staff members Mr Vineeth V.V and Ms Aswathy Rajan went for tour (including an Industrial visit to Luis & Co, Madgaon) on 05/12/2011.

Faculty Achievement

Ms. Aathira K V, Asst. Professor in the Department Presented and published a paper on "A soft switching boost converter with H bridge auxiliary resonant circuit" at International conference Recent Innovations in Technology (ICRIT) by RIT, Kottayam on 13th January 2012.

Ms Renjini G presented and published a paper on "single phase matrix converter for input power factor improvement" at International conference on Recent Innovations in Technology (ICRIT) by RIT, Kottayam on 13th January 2012.

STUDENTS ACHIEVEMENT

Jyothi Engineering College, Thrissur has won the CONSOLATION PRIZE in the NATIONAL ENERGY AUDIT COMPETITION for engineering college students organised by ENERGY CONSERVATION SOCIETY (ECS). Following Final Year students from Electrical engineering Department Participated in the Competition representing the college - Martin Joseph,

Meera P Nair, Martina Johnson, Anand M Asokan

The following 6th semester students from EEE Department won the second prize in the event ROBO WAR of AZURE'12 a National Level Techno Cultural Managerial Festival held on 26th, 27th and 28th January 2012 at Amal Jyothi Engineering College, Kottayam – Nelwin Babu, Jayesh C Thomas, Jessal K J, Fazil K

DEPARTMENT OF INFORMATION TECHNOLOGY

Result Analysis

1) S5 Results of 2008-12 Batch has been published. Pass percentage is 89.6% . - 1st Position in Calicut University.

Faculty achievements

Ms Sabna A B presented a paper on Bayesian aspect of Silhouette estimation in multiview segmentation," in the Second International Conference on Computer Applications 2012 (ICCA 2012), Vol.6,pp.118-121, Pondicherry, ACM, January 2012,(Published).



Ms Sabna A B published a paper on "Effect of Probabilistic Segmentation method on Multiple Views," International Journal of computer Applications, ICACT2011 Vol.2, pp. 10-14, New York, USA February 2012.

Ms Divya M Menon, AP, IT Department presented a paper on Design and Implementation of Proxy Cache for Peer-to-Peer Traffic to Reduce Load and Cost at the Second International Conference on Emerging Technological Trends (ICETT-2012) in Advanced Engineering Research held at Baseliros Mathews II College of Engineering.



FDP attended

Mr Salam M M and Mr Aneesh Chandran attended FDP on VLSI design conducted by the ECE Department in association with ISTE chapter of our college during 15th-17th Dec 2011.

Mr Bineesh M and Ms Rigi C R attended National Workshop on COMPUTATIONAL INTELLIGENCE conducted by the CSE Department of our college during 24th & 25th January, 2012.

Guest Lecture

Faculty members and students attended the Invited Lecture on Latex by Mr.Kabeer, Asst Prof, Farooke college, Kozhikode on 17th dec 2012

Industrial Visit

Students of S7 IT went for Tour to Mysore, Coorg, Goa and Industrial Visit to AL industries Goa.

New Faculty Joined

Two new faculty members Ms. Sabna A.B and Mr Ambarish. A have joined IT Department

DEPARTMENT OF MECHANICAL ENGINEERING

SEMINARS/WORKSHOP

A student development programme on "MECHANICS WITH MATLAB" sponsored by ISTE-JECC Chapter was held on 17th & 18th November 2011. Mr C.Karunakaran, APME & Mr.ArunJoseph, APAEI were the resource persons.

A one day workshop on "TOOL DESIGN" in association with Institution of Engineers(India), Thrissur Local centre was organized for S7ME students on 14th December 2011. Mr. K.L George (Retd. From Keltron) was the resource person.

ACHIEVEMENTS

Mr. Ajith Krishnan (2007-2011) got 5th rank in Calicut University. Mr.A Syamnath of S8 ME had won first prize in District level yoga competition.



Mr.Paul Saju Thachil, S6ME has undergone training on the Rough Terrain Container Handler-Model 240 at KALMAR RT CENTER SWA, Kuwait during 18th Dec 2011 to 05th Jan 2012.



Mr.Manikandan.N.R (S6 ME), Mr. Joseph chacko N.J (S4 ME), Mr. Albert P. J(S4 ME) were participated in the district level training camp for the selected NSS volunteers on 28th and 29th January 2012 at Sree Rama Govt Polytechnic, Thriprayar.

Mr.Manikandan.N.R (S6 ME), Mr.Sreevalsan (S4ME), Mr. Joseph chacko N.J (S4 ME) were participated in the NSS State Annual Meet on 11-12th February 2012 at P.A.Aziz College of Engineering and Technology, Karakulam, Thiruvanthapuram.

FACULTY ACHIEVEMENTS

Mr.Jobin Varghese, APME gave a lecture on "Microcontrollers and Interfacing" during FDP on Mechatronics- A synergistic Integration organized by Dept.of Mech, College of Engineering, Munnar on 08th November 2011.

Mr.S.Gavudhama Karunanidhi, AP gave a lecture on "CFD for

Mechatronics" during FDP on Mechatronics- A synergistic Integration organized by Dept.of Mech, College of Engineering, Munnar on 11th November 2011.

Mr.C.Karunakaran, AP, had participated in the 40th National Seminar on Crystallography held at Osmania University, Hyderabad on 26th - 29th November 2011



Mr.Suneeth Sukumaran, AP presented a paper on "Design and Analysis of Metallic Thermal Protection Systems" at International Conference on Simulation Modeling and Analysis conducted by Dept.of Mech, NIT Calicut & Dept.of Mech, Amritha School of Engineering at Amritha University, Ettimadi Campus on December 14, 2011.

Mr. Shiju Varghese T, APME participated in the District level Energy Conservation Training Camp" held at Sreerama Govt.Polytechnic College, Thriprayar Thrissur on 28th - 29th January 2012.

Mr. Shiju Varghese T, APME participated in the NSS State Annual Meet on 11-12th February 2012 held at P.A.Aziz College of Engineering and Technology, Karakulam, Thiruvanthapuram

Mr.C.Karunakaran, APME presented a paper on "Optimal solution for Facility Layout Problem through Improved Genetic Algorithm" at the First National Conference on Materials, Mechatronics Elements and Manufacturing organized by Dept.of Mechatronics Engineering, Srikrishna College of Engineering and Technology on 25th February 2012.

STAFFS SPORTS - WINNERS NATIONAL SEMINAR - ETSCA



DEPARTMENT OF SCIENCE & HUMANITIES

Department of Science and Humanities

A two day National Seminar on "Emerging Trends in Science and Current Affairs" was organized by our department on 6th & 7th February. It was inaugurated by sri. K.Ravindranath, the Pro-vice chancellor of Calicut University on 6th Feb 2012. Nearly 47 participants registered. Invited talks on Physics, Chemistry, Mathematics, Economics and Language were handled by eminent resource persons from NIIT and CUSAT. Also a cultural event Otamthullal from Kalamandalam Gopinath Prabha & party added aesthetic beauty to seminar.

Dr. K.R. Girijan, Msc, Phd completed MBA with first class from NIBM Chennai in Financial Management and Human resource management. Also he is a Research Guide in chemistry at prist University, Tamilnadu.



K.R. Sandeep Narayanan, Assistant professor in Mathematics published a Paper Types of Arcs in Complement of Fuzzy Graphs in the Journal: MAPANA, Christ University Journal of Science. (Volume 10 No.2 Pages 75-82)

