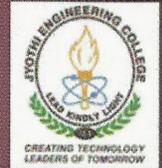




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BOOK - III  
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# Jecc news



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

## 5<sup>th</sup> Graduation Ceremony-2011

Dr. V.A .Joseph, MD & CEO ,South Indian Bank , Inagurated The 5<sup>th</sup> Graduation Cermony of Jyothi Enggineering College , On 29<sup>th</sup> August 2011. While giving his convocation address, he expressed his concern about the non-employability of present graduates. His Grace Mar Andrews Thazhath, Archbishop of Thrissur and Patron of the college presided over the function. Rev. Fr. Varghese Kuthur Executive Manager, welcomed the gathering. Principal Dr. Gylson Thomas presented the academic report and the administrator Er. Thomas Mathew delivered vote of thanks.



Acharya devo bhava

## INDUCTION CEREMONY

Mr. K P Balakrishnan, IFS, inaugurated the Induction Ceremony welcoming the students of 2011 batch. Mr. Vinu Vincent, College Union General Secretary, welcomed the freshers on behalf of all Jyothians. Rev. Fr. Varghese Kuthur, Secretary & Executive Manager, gave general instructions regarding rules and regulations practised in the college and hostel. Representatives from 6 branches offered Gurdakshina to the Principal and HODs entreating their blessings. This touching ceremony reminded the students, the parents and the staff about the importance of Guru-Shishya relations in the changing scenario of technical education.



Principal, Dr. Gylson Thomas, addressing the gathering in the international conference ACEE-2011, held on 25th August, at Hotel Wnisor Rajadhani, Thiruvananthapuram.



## Welcome to Jyothi Family

Er. Boby Peter, B.Tech, MBA joined our college on 3<sup>rd</sup> October 2011 as Assistant Administrator. He was the Assistant Director in Technical Education Department, Govt. of Kerala. His contribution towards the implementation of several developmental activities in the Department was really appreciable. He had arranged a number of Training programmes for principals and senior faculties of Engineering Colleges and Polytechnic colleges. He was the coordinator of various short term courses and quality improvement programmes conducted by Institute of Management in Government (IMG), All India Council for Technical Education (AICTE) and Indian Society for Technical Education (ISTE). He was an associate fellow of Indo-Canada Institutional Project. He also served as Secretary of District Tourism in Tourism Dept., Govt. of Kerala.

## Staff Club Activities

staff Club celebrated 'Ponnonam 2011'. A separate Onam pookkalam was laid by staff members in the auditorium. Onam wishes were conveyed by the Principal and the Executive Manager. A variety of program was performed



by staff members. The high point of this celebration was the 'Ona Sadhya', which was served to all.

**Family get together:** Staff Club organized 'family get together' of staff members on September 17, 2011 in the College auditorium. Former principal Dr. U .Lazar John was the chief guest. Around 100 family members attended the program. Staff members organized various cultural activities.



## INAUGURATION OF NSS UNIT

The inauguration of NSS technical cell (Unit No:244) of JECC was held on 27<sup>th</sup> October 2011. NSS programme coordinator prof. K A Khalith inaugurated the NSS unit. Smt. Sreela Prasad, member of Panjal grama panchayath offered the felicitation. Programme officer Mr. Shiju Varghese presented the action plan for the current academic year.



**Blood Donors Forum :** Blood Donors Forum of JEC conducted a blood donation camp on 5<sup>th</sup> July 2011 in connection with the World



Blood Donation day, 66 members including staff & students of the college donated their blood. A team of staff from Jubilee Mission Medical College led the camp.

**Engineers Day :** JECC celebrated Engineers Day as a tribute to



the greatest engineer of India, Bharat Ratna Shri.Mokshagundam Visvesvaraya, on September 15, 2011. Addressing the huge gathering of prospective engineers on this occasion, Principal Dr. Gylson Thomas paid glowing tributes to this eminent personality. The keynote address was delivered by the Chief Guest Er V.G.Sankaranarayanan CMD, FACT. He garlanded the visionary's photograph on this occasion. The Chief Guest spoke on the contributions of Bharat Ratna Shri. Visweswaraiiah a notable Indian engineer, scholar, statesman and the Divan of Mysore.

## DEPARTMENT OF APPLIED ELECTRONICS & INSTRUMENTATION



Inauguration of AEISA

"Applied Electronics and Instrumentation Students Association (AEISA)" activities for the academic year 2011-2012 was inaugurated by Mr. Krishna Kumar, Chief Executive Officer, Green Pepper Consulting Private Limited, on 01.09.11 and presented a seminar on "Career Motivation & Guidance."

### Staff Achievements



Mr. Arun Joseph, Assistant Professor, presented a paper titled as "Intelligent Load Shedding System using LABVIEW and PLC" in first international conference on Modern trend in Instrumentation and Control (ICIC2011) held at PSG College of Technology, Coimbatore, Tamil Nadu on 2<sup>nd</sup> & 3<sup>rd</sup> September 2011.

● Mr. Hari. C. V, A Pr and Ms. Ambili Francis, A P, attended an All India Seminar on 'Advances in Information Technology' held on 19.8.11 and 20.8.11 organized by the Institute of Engineers (India), Thrissur local centre at JECC.

### Class Toppers



Ms. Shaly Laurence secured first position in the class with 76.36 % in the 8<sup>th</sup> Semester university examination.



Ms. Sharon Davis secured first position in the class with 7.29 (CGPA) and 7.93 (CGPA) in the 3<sup>rd</sup> Semester university examination.

### Students Achievement



Ms. Maria J. Peter

● Ms. Varsha N and Ms. Maria J. Peter, students of 7<sup>th</sup> semester presented a paper titled as "Green electronics for a low carbonated Earth" held at Vidya Academy of Science and Technology, organized by Dr. D. Balakrishnan commemorative lecture-2011 (theme-Greener Tomorrow) on 16<sup>th</sup> August 2011.



Ms. Varsha N

● Mr. Rijo Johnson and Ms. Maria J. Peter, students of 7<sup>th</sup> semester presented a paper titled as "CMMR Meter" in a technical fest named as "STERICS 2011" held at Saingits College of Engineering, Pattamutam, Kottayam organized by the Department of Electronics & Instrumentation on 23.08.2011.



Mr. Rijo Johnson 23.08.2011.

**Industrial Visit :** S5 students visited Fertilisers And Chemicals Travancore Limited (FACT), Udyogamandal, Cochin on 24.08.11 and studied the manufacturing process of sulphuric acid.

● S3 students visited Doddabetta Tea Factory & Tea Museum on 12.09.11 and studied the history of tea & different stages of tea processing.

## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

### New Hardware Lab & Library

The new Hardware Lab for CSE student started functioning from the second week of September 2011. The Department Library of Computer Science was shifted to a new room in the Eastern Academic Block.

### Association Activities

A meeting of Computer Engineering Students Association (CESA), was held on 15<sup>th</sup> June 2011. The following members were elected as office bearers Chairman- Vysagh M, Vice Chairman- Reshma Jose V, Secretary- Anaswara N V, Treasurer - Nikhil T Nair, Staff in charge - Mr. Thomas George, Mr. Anil Antony.



The inaugural function of CESA for the year (2011-2012) was organized on 26<sup>th</sup> August 2011, Friday at 11.00 am in the seminar hall EAB. The Chief Guest of the day K. Ravi Kumar (PGDM-IIM-A) Director, SICOMS, Palakkad delivered key note address.



A class on "Free Software" was delivered by Mr. Thomas George & Mr. Shaiju Paul Asst. Professors, CSE Dept. as a part of CESA activity on 12<sup>th</sup> October 2011 for the Computer Science Students.

CESA released JOSS (Jyothi Operating System Solution) linux version 1.10



### Steve Jobs Remembrance Day

Department of CSE and TBI organised a function to tribute to the iconic entrepreneur Steve Jobs in the AC Seminar Hall on 14<sup>th</sup> Oct 2011.

### Dennis Ritchie Remembrance Day

Computer Engineering Student Association (CESA) & Computer Society of India (CSI) jointly organized C Coding Contest "Codeigniter - 2011" in remembrance of Dennis Ritchie on 21<sup>st</sup> Oct 2011.



**Industrial Visit :** S3 of CSE Dept. went for a study tour on 19/08/2011-21/08/2011. They visited FACT, Kochi as part of industry Visit. They also went to Wagamon & Munnar for sight seeing.

● S5 of CSE Dept. went for an industrial visit on 01/09/2011. They visited SARK cables, Coimbatore & FCRI Kanjikode.



### Class Toppers



Sreevidya N.V. of S8 CSE rank first in the class with 78.91%.



Dany Varghese of S3 CSE rank first in the class with a 7.61 CGPA.

### Students Achievement



Malini Bhaskar of S7, 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).



● Prof. Muralee Krishnan delivered a talk on "The Future on Technology" at IEEE link conference jointly organized by the MES Engineering college & KMCT Engineering college on 25/09/2011.



● Ms. Jyothis T.S secured third rank for M.E in Computer Science & Engineering at PSG College of Technology, Coimbatore.

● Ms. Seenia Francis presented a paper on "Reliable Peer to Peer Resource Sharing In Wireless Mesh Networks" in National Conference on Emerging Trends in Engineering, Management & Computer Applications at Anna University Trichy.



● Mr. Anil Antony attended one week Mission 10X programme from 26<sup>th</sup> to 30<sup>th</sup> September 2011 in Sahrdaya College of Engineering & Technology, Kodakara, Thrissur. The programme was organized by Wipro.

### Placement & Training @Jecc

Placement Officer Prof. G Natarajan relieved on 31.05.2011 and Fr. Roy Joseph Vadakkan took charge.

**Activities :** Infosys Campus Connect Road Show happened in our Campus to initiate CC Activities. ● IFEES/IUCEE Global Webinar Series is taking place on all Tuesdays & Thursdays under FDP. ● PAT Office organized 5 days Pre-placement Training for S7 students under the trainer Mr. Prakash Nair 240 students attended the course. ● Two hrs/week has been allotted for in house pre-placement training for all branches from S3 onwards. ● Microsoft IT Accademy approved JECC as its member.

### Onam@jecc

Jyothi Celebrated Onam in all pomp and glory on 3<sup>rd</sup> September 2011 with cultural activities and 'Pookalam Competition'. S5 ME won 1st Prize, S7 EEE won 2nd Prize and S1&2 EEE won 3rd prize.



## DEPARTMENT OF ELECTRONICS & COMMUNICATION

### ECSA Inauguration



The Inaugural function of ECSA activities of 2011-12 was conducted on 06-08-11. The Chief Guest of the function was Prof. Rajendran, Former Deputy Project Director, ISRO, Trivandrum.

A Technical Talk on 'SATELLITE LAUNCHING' was presented by Prof. Rajendran on the same day as a part of the ECSA Inauguration function.



### Staff Achievements



Mr. Abin John Raju (AP) presented a paper on 'Advanced Technologies for 4G in Mobile Communication' in the All India Seminar organized by Institution of Engineers (India), Trichur Local Center and IT Dept. of JECC, on 20-08-11.

- Ms. Bindhu K Rajan attended a seminar on "Solar Hydrogen" on 25-08-11, at CMET, Athani.
- Mr. Jinesh K J & Mr. Abraham P A attended the two day Continuing Education Congress 2011 organized by IEEE GOLD Affinity Group at Toc H Institute of Science and Technology, Arakkunnam on 30-09-11 & 01-10-11.
- Mr. Jinesh K J & Mr. Abraham P A, participated in the All India Seminar organized by Institution of Engineers (India), Trichur Local Center and IT Department of JECC on 19-09-11 & 20-09-11.

### Class Toppers



Ms. Karthika Vishwanath  
(3<sup>rd</sup> Semester)  
9.2 CGPA



Ms. Sangeetha R S  
(8<sup>th</sup> Semester)  
81.36 %



Mr. Naveen G of S7 ECE received the MERIT AWARD 2011 from Architect & Engineers Association at Casino Hotels, Thrissur on 15-09-11 for securing the 1<sup>st</sup> Position in the Calicut University Examinations. He was also honored by the College, for his achievement during the Assembly at the College on 30-09-11.

### Remarkable University Results

- The S8, 2007 – 2011 Batch achieved a remarkable success with 96.61% pass and secured the 1<sup>st</sup> Place in the Calicut University Examination.
- The S3, 2009 – 2013 Batch achieved a success with 75% pass in the Calicut University Examination.

### Students Achievement



Mr. Jerin Jose Mr. Ajayraj V Mr. Jojo Jose T

- Mr. Ajayraj V, Mr. Jerin Jose, Mr. Jojo Jose T won the 1<sup>st</sup> Prize in the event CASeNO in the tech fest CASTALIA'11 organized by VAST Students' Chapter of Institution of Engineers (India) on 15-07-11.
- Mr. Rijo K R, Mr. Sebin George, Mr. Varun Jacob won the 3<sup>rd</sup> Prize of event CASeNO in the tech fest CASTALIA'11 organized by VAST Students' Chapter of Institution of Engineers (India) on 15-07-11.

- Ms. Aiswarya Dileep, Ms. Grace Aloysius, Ms. Mancy K Mathew, Ms. Nisha Anand, Ms. Sruthi M won the 2<sup>nd</sup> Prize for their project 'FAST TRACK SYSTEM' in the Project Contest SCINTLIA'11 organized by IEEE Student Branch at JECC on 28-07-11.
- Mr. Nidhin George and Mr. Roni Jose George Presented a paper on E – Governance: Challenges and Cloud Benefits, in the All India Seminar organized by Institution of Engineers (India), Trichur Local Center and IT Dept. of JECC, on 20-08-11.
- Roni Jose George, Jones J Alapat and Jinu Thankachan have successfully completed an Intensive Training Session on "MANAGEMENT SKILLS" held from 22-07-11 to 24-07-11 at College of Engineering, Chenganoor.

### Industrial Visit

- S3 Students visited Fluid Control Research Institute, Kanjikode, Palakkad on 11-08-11. They visited the important tourist locations of Kodaikanal on 12-08-11.
- S5 Students visited Transformers and Electricals Kerala (TELK) on 01-10-11. They visited Athirappali Waterfalls as a part of their Semester 3 course on Environmental Studies.

## DEPARTMENT OF ELECTRICAL & ELECTRONICS

### Department Activities

- First meeting of the Advisory Committee of the Dept. was held on 22/08/2011. Members of the committee includes :Er.Christo George, GM & MD, m/s HYCON Ltd., Advocate P.Bhaskaran, High Court Of Kerala and Dr B Jayanand EEE Dept GEC, Thrissur
- A meeting of the subcommittee for the Research & Development and Consultancy meeting was held on 28/09/2011. Er.Thomas Mathew, Administrator, Prof.P.V.Abdul Hameed, HOD, EEE, Mr.Praveen R.P, R&D Co-coordinator and all staff members of the EEE Dept attended. Mr. Praveen R P is the Faculty in Charge of ISTE Chapter in JECC.

### Faculty development programs

- Ms.Aathira K.V & Ms.Reshmi Bobby, participated ISTE sponsored 2 day Program on 'Advances in Information Technology from 19/08/11 at Jyothi Engg College, Thrissur.
- Mrs Jitha Joseph participated in the ISTE certified 5 day workshop on Faculty Development, conducted by Wipro Mission10x at Sahrdaya college of Engineering ,Kodakara from 26<sup>th</sup> September.
- Mr Prasad C and Mr Vineeth V.V attended the conference organized by the National Instruments to celebrate 'Educators day' at Bangalore on 13/10/11.
- A Practical demonstration class was handled by Mr Prasad C on Measurement of Earth resistance using earth tester on 27/09/11. All staff members of EEE Dept attended.
- Mr Praveen R.P conducted a seminar on 'An introduction to PMBLDC motors' on 14/10/11 at EEE seminar hall.

### Class Topper



Ms. Hasna V.K  
(3<sup>rd</sup> Semester)  
8.32 SGPA

### Remarkable University Results

Department of EEE in Jyothi Engineering College stands second in Calicut University, scoring an overall percentage of 69.49%.

### Students Achievement

- Project Exhibition organized by IEEE was held on 29/7/11. 'Wireless energy transfer' and 'Solar Tracking', projects from EEE Department got first and second prizes respectively. Wireless Energy Transfer was done by: Mr.Ashis, Mr.T.P.Vishnu, Mr.Ajeesh & Ms.Riya. Solar Tracking was done by: Ms.Suji, Mr.Arun Burni, Mr.Christo & Ms.Gayathri.
- S3 EEE students fabricated a Notice Board by themselves for the display of notices leaflets, academic matters etc in the class room and the same was installed in the class room in the presence of Rev.Fr Varghese Kuthur, Executive Manager and Prof P V Abdul Hameed, HOD EEE on 13/10/11.



### Industrial Visit

- S3 EEE students visited the Kuttiyadi Hydro Electric Power Plant on 27/09/11 as part of their Industrial Visit.
- S5 EEE students visited Peringalkuthu Power Station on 15/10/2011 as part of their Industrial Visit.



## DEPARTMENT OF INFORMATION TECHNOLOGY

**All India Seminar on Advances in Information Technology:** Department of Information Technology & Institution of Engineers (India)



Trichur local centre jointly organized a Two-day All-India Seminar on "Advances in Information Technology" at Jyothi Engineering College on 19,20<sup>th</sup> of August 2011, N T Nair former chairman of Institution of Engineers (India) Kerala state centre inaugurated the seminar. Dr CE Krishnan, chairman of the Thrissur Local Institution of Engineers (India) presided over the function. Dr Gylson Thomas, Principal Jyothi Engineering College and engineers TR Krishnan, Thomas Mathew, Divya Menon and Dr MKB Nayar spoke on the occasion. More than 100 delegates, including professionals and students from neighboring states, attended the seminar. Dr Sasidharan and Dr Agnisarman Namboothiri (both from Vidya Academy), Dr Gylson Thomas, Prof Arnold Raj (Mohandas College of Engineering), Dr V Kabeer (Farook College), Prof A Sivakumar (Industrialist), Dr Suresh Menon (District information officer, Thrissur) and Prof KP Balachandran (MES College, Kuttippuram) presented papers on various topics.

### Staff Achievements

Ms Diana Davis, Assistant Professor, attended an interactive Seminar organized jointly by IEI and AEA on Cities and Climate Change as a part of World Habitat Day Celebrations on 3<sup>rd</sup> October at COSTFORD, Thrissur.

### Class Toppers



Mr. Don Peter  
(3<sup>rd</sup> Semester)  
9.2 CGPA

Ms. Raznin U K  
(8<sup>th</sup> Semester)  
81.36 %



● The S8, 2007 – 2011 Batch placed 1st position in University Examination and the S3, 2009 – 2013 Batch placed 4th position in University Examinations.

### Student Achievements



● Mr. Abhishek K Prabhakar, S3 placed first in Web Designing conducted at SCMS School of Engineering as part of their technical fest.

● Naval Ditto & Nijo Raju, S7 presented a paper 'Instant Data Transfer Between Remote PC's' during the All-India Seminar on "Advances in Information Technology" at JECC on 20<sup>th</sup> August 2011.

**Industrial Visit :** S5 students visited Tata Tea Factory, as part of their industrial visit.

● S3 students visited Pixel Animations, Kinfra Calicut, as part of their industrial visit.

## DEPARTMENT OF MECHANICAL ENGINEERING

### Department advisory committee meeting



Department Advisory Committee Meeting was held at jecc on 24<sup>th</sup> september 2011. Dr M K B Nayar, HOD Chaired the session. Dr I Vijayaraghavan IIT Madras, Dr C E Krishnan, Principal, SNGCE and Er Surendran, SILK, Athani participated in the meeting.



Mr. Biju C.V, Asst. Professor presented a seminar on "Signal Conditioning of Mechanical systems" on 23.09.2011. Also he hosted a delicious lunch.



A environmental study trip to nelliampathy was conducted on 5<sup>th</sup> October 2011

### Staff Achievements

Mr Suneeth Sukumaran, AP, presented and published a paper on "Intricacies In Design And Analysis Of Metallic TPS" At National Conference On Technological Trends By Cet Trivandrum



### Student Achievements

● Mr. Sankar Ram T and Mr.Mithun Antony Joseph of S7 presented a paper on "Hydrogen based IC engine" at Jawahar College of engineering, Lakkidi.  
● Mr. Sankar Ram T of S7 won 3<sup>rd</sup> prize for the paper presentation on "Hydrogen based IC engine" at Thejus engineering college Thrissur.  
● Mr . Dick John and Mr Vysakh A.V of S7 won 1<sup>st</sup> prize for the paper presentation on "Four jaw self & independent centering chuck" at Jawahar College of engineering, Lakkidi



### Additional Intake in ME Branch



An Additional batch of 60 students is added to the department making the annual intake to 120. The new batch was inaugurated by Dr. Gylson Thomas, Principal in a meeting held on 14-09-2011. Dr. M K B Nayar, Fr. Varghese Kuthur, Er. Thomas Mathew and Mr. Manoj Kumar spoke on the occasion.

## DEPARTMENT OF SCIENCE & HUMANITIES



● Fr. Roy Joseph Vadakkan, Asst. Professor has presented a paper on "Corporate Social Responsibility" in an International Symposium held under Louven University, Belgium. He also conducted a Seminar on "The need for Ethical Divine among Engineers" in Tejus Engineering College, Thrissur.

● Mr. Sivakumar K S, Asst. Professor in Mathematics attended a Three Day National Seminar on 'Stastitical Computation' organized by Christ College, Irinjalakuda on August 25, 26 and 27.

● Ms. Aji A J, Lecturer in Physics, presented a paper on 'Security Centric Aspects of Channel Partners' at National Conference on Network Security, SIMETRYA' 11, organized by the Department of CS & ECE at SCMS College, Karukutti, Ernakulam on 19<sup>th</sup> and 20<sup>th</sup> August, 2011.



On 9<sup>th</sup> July, 2011 Faculties went for one day picnic.

### Professional Bodies Student Chapter @Jecc

**CSI :** Computer Society of India (CSI) organised a Seminar on the topic "Embedded systems and robotics" at Jyothi Engineering College on 30<sup>th</sup> Sept 2011. The Chief Guest of the day Sudeep S, Executive Business Development, Accel IT Academy, Chennai delivered key note address.



**IEI :** An official permission for opening the Students' Chapter at JECC was received from the headquarters of I.E.I at Kolkata. The students from three branches of Engineering-CSE,ME,EEE enrolled for the membership. IEI is known for imparting education par excellence by providing ample opportunities to the students for pro-active learning. Inauguration of IEI Student Chapter was held on 21.10.2011, 10:00 AM at Seminar Hall BY Dr K K Babu, FIE Principal, Thejus Engineering college, Thrissur.

**World Habitat Day:** An Interactive Seminar was organized jointly by IEI and AEA on Monday 3<sup>rd</sup> October 2011 from 10.30 hrs to 13.30 hrs as a part of the World Habitat Day Celebrations at COSTFORD. 43 Members of IEI Student chapter along with three staffs of Jyothi Engineering College participated in this interactive seminar.



**IEEE :** The IEEE student branch of JECC has conducted a Project Contest "SCINTILIA" on 29<sup>th</sup> July 2011

● Mr.Akhil Puthiri, Mr. Roni Jose George, Mr Jinu Trhankachan, Ms.Tilty Toni, Ms. Nivia George, Ms. Tracy participated in IEEE 24 hours online programming contest 'IEEEExtreme' on October 22<sup>nd</sup>, 2011.



### tbi@jecc



Mr. Vinod K conducted a workshop on "C++ and JAVA programming" at Kendriya Vidyalaya, Kanjikode as a part of academic outreach programme.

### NATURA

'NATURA' celebrated 'Environmental Day' on 17<sup>th</sup> June 2011. The event was coordinated by Ms. Aswathi Wilson & Ms. Namitha T N Asst. Professors, Dept. of CSE

**Anti-Ragging:** Adv: Jose Peter the honored guest took class for the 2<sup>nd</sup> & 3<sup>rd</sup> year students regarding Anti-Ragging Awareness program on 5<sup>th</sup> August 2011.