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Merry Christmas
& **HAPPY NEW YEAR**



JYOTHI ENGINEERING COLLEGE
CHERUTHURUTHY, THRISSUR

JECC NEWS

DECEMBER 2015 ■ BOOK 7 ■ ISSUE 3

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Inauguration of Jyothi Dispensary



In what can we termed as a small step before a gaint leap jyothis inaugurated a dispensary on the campus which is soon to grow into a primary Health Centre for the community around. On 1st December 2015 a small ceremony was held in the auditorium where the Principal Dr. K. K. Babu welcomed the gathering and the director of Jubilee Mission Medical College, Rev. Fr. Francis Pallikunnath inaugurated the dispensary. The Presedential address was given by Fr. Jos Punnoliparambil who informed the gathering that a doctor from JMMC would initially be present on all Tuesdays along with a nurse who would come twice a week. The number of days would be increased according to the needs of the college. Dr. K. Rajan HOD, Community Medicine, JMMC offered felicitations and Administrator Er. Thomas Mathew gave the vote of thanks.



NSS unit, jyothis

The NSS unit along with the Red Ribbon Club conducted an Aids Awareness Seminar for the Students on World Aids Day-1st December. Doctors from Jubilee Mission Medical College, Community Medicine Department-Dr. Priyanka & Dr. Meenakshi were the Chief spokes persons on the Occassion. Also present were JMMC Director Rev. Fr. Francis Pallikunnath, Dr. K. Rajan HOD, Dept. of Community Medicine and from Jyothi, Ex. Manager Fr. Jos Punnoliparambil, Principal Dr. K. K. Babu, Administrator Thomas Mathew, Finance Manager Fr. Joju Chiriyankandath & PRO Fr. Roy Vadakkan. NSS Programme Officer Shivakumar K S & Red Ribbon Co-ordinator Ms. Smija Skaria guided the students through their discussions.

Placement Cell Activities

Placement season at Jyothi kicked off with Infosys visiting the campus on Oct 28 and 29, 2015. Infosys selected 30 students from the batch of 2016. UNFCF from Oman visited the campus on Oct 29 and Oct 30, 2015 for core branches (CE, ME and EEE). For the first time in the college history, we had international placements for 11 students (6 from Civil and 5 from Mechanical departments). 3 students were selected by ITC Infotech. IBS selected 2 students making it a total of 46 job offers for JECC during the Oct-Nov 2015 Placement season (first phase). The second

Dept. of Civil Engineering



The Civil Engineering Association was Inaugurated by Dr. T. S. Balagopal Prabhu

STUDENT ACHIEVEMENTS

Placement: Civil Department proudly presents the following students of the Final year who are placed through the Campus recruitment process.

Ms. Archana C D of S7 CE has obtained Placement in Infosys.

Mr. Indrajith C S, Ms. Jishma Joy, Ameera V U, Sanaj Rajan, Saleel Saleem and Hemanth M S were placed in an international firm UNFCF, Oman.

University Result:

S5 students gained a remarkable result in the third semester university exams with a pass percentage of 78.79 %.

Ms. Ambili P secured an SGPA of 9.20 followed by Ms Aiswarya Jayaprasad and Ms. Neethu Jose (8.95, 8.80)

Other Achievements:

Mr. Manu C Paul of S5 Civil is one of the team member who got the first prize in "Startup i3" a workshop conducted by Kerala Startup Mission (KSUM) in association with Openfuel.org during 19-21 October 2015.

Publications:

Ms. Jishma Joy and Mr. Jithin Mathew (S7CE) presented a paper on "Water quality management-Need for alternative Strategy" at the National conference by ISTE held at NSS College of Engineering, Palakkad on 22nd September 2015.

Mr. Manish M and Mr. Shine Sunny (S7CE) presented a paper on "Modern methods of construction Engineering" at the National conference by ISTE held at NSS College of Engineering, Palakkad on 22nd September 2015.

Training and Industrial Visits:

S7 Students were given a 5 day placement training program on the campus by Career 360° group.

S3 and S7 students have completed their 3 day and 7 day Industrial Visit to Mysore and Hyderabad respectively. S3 students visited a plywood manufacturing factory.



ARCHANA C. D.



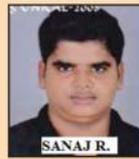
INDRAJITH C. S.



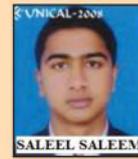
JISHMA JOY



AMEERA V.U.



SANAJ R.



SALEEL SALEEM



HEMANTH S.



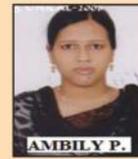
JITHIN MATHEW



MANISH M.



SHINE SUNNY



AMBILY P.



AISWARYA JAYAPRASAD



NEETHU JOSE



MANU C. PAUL

FACULTY ACHIEVEMENTS

Expert Lecture:

Prof S Rathish ,HOD CE Dept. handled a session for IAS officers (All India level) at IMG, Trivandrum on 25th sep 2015

He was invited as a resource person for training of senior officials and technocrats in various departments like Kerala Water Authority and Kerala Rural water supply and sanitation agency.

Prof S Rathish ,HOD CE Dept. handled a session for IAS officers (All India level) at IMG, Trivandrum on 26th Nov 2015

Publications:

Prof. S Rathish presented a paper on 'Rational Approach to Water Quality Management' at a National Workshop on Issues and Challenges of Drinking Water Management in Kerala organized by Kerala State Planning Board in association with KSCSTE on October 1st 2015.

Prof. S Rathish has presented a paper on 'Smart Water Supply in Cities' on 31st National Conference of Architectural Engineers conducted by The Institution of Engineers India during 29-30 October 2015 at Kozhikkode.

Faculty Development Programmes:

Ms. Anitha Jacob and Ms. Jisha Akkara attended a Short Term Training Program at GEC Thrissur on 'Recent Innovations in Transportation Engineering' during 5-9 October 2015.

Mr. Sooraj Krishnan under went orientation class on Design Engineering conducted by KTU at Trivandrum.



PROF. S RATHISH



DR. ANITHA JACOB



MS. JISHA AKKARA



MR. SOORAJ KRISHNAN

Department Activities

A College level Quiz competition was conducted by ISTE civil student chapter on 8th October and a Technical Talk was delivered by Dr. K.R.Lekha, Scientist, KSCSTE on Coir Geotextiles in Civil Engineering –Field Experience on 9th October 2015.

World Habitat Day was celebrated in the college in association with IEI and Civil Engineering department .It was inaugurated by Dr. Subramania Prasad, Principal Al Ameen Engineering College on 15th October 2015. He gave a lecture on 'Public Space for All'.

The Civil Engineering Association was inaugurated by Dr. T S Balagopal Prabhu, Retd. HOD, CE NIT Calicut on 17th October 2015 and he gave a lecture on Timber Technology..



Inauguration of World Habitat Day by Dr. Subramania Prasad

Dept. of Computer Science & Engineering

Student Achievements

Ms. Manju .B.Menon, Ms. Anmol Tony, Mr. Leyo Janko of S7 IT got the first prize for their project presentation titled REDTACTON under the



Anmol Tony



Ashith Wilson



Leyo Janko



Manju B Menon

guidance of Mr. Bineesh .M. at a competition organized at Sree Narayana Guru Institute of Science and Technology, Ernakulum



Teesa Jose

S7 CSE students went for an Industrial Visit to Magic Tech Solutions, Hyderabad, WebNock Technologies, Chamarajapuram, Mysore and VWF Industries Ltd,



Metagalli, Mysore. S3 CSE B students went for an Industrial Visit to VWF Industries Ltd, Metagalli, Mysore, WebNock Technologies, Chamarajapuram, Mysore. S3 CSE A students went for an Industrial Visit to VWF Industries Ltd, Metagalli, Mysore, WebNock Technologies, Chamarajapuram, Mysore.

Ms. Tessa Jose of S7 CSE was selected as Internshala Student Partner (ISP).

All the thirteen students of S3 MTech completed Microsoft's MOOC course titled Introduction to C++

Kerala Startup Mission (KSUM) in association with Openfuel.org conducted a 3 day workshop on 19th, 20th, 21st October 2015 "Startup i3". The team members Manu S5 CE, Ashith Wilson S5 CSE and Aatmaj S3 CSE got the first prize.

All the thirty three students of S7 IT got the Microsoft certificate of completion of MOOC course on Introduction to C++.

All India level selection process of Microsoft selected five students, Aatmaj Janardhanan, Albin K Jose, Allen Francis Antony from S3 CSE A, Libin Pius from S3 CSE B and Sargha Ajithan from S5 CSE B as Microsoft Student Partner in the year 2015-2016. These students can discover and try latest Microsoft technologies and they are eligible for attending Microsoft interviews directly.

All the S1- MTech students completed the MOOC course on Introduction to R Programming and certified by Microsoft. They also completed MOOC course on Introduction to Computer Programming and certified by IIT Bombay.

Department Activities

The CESA activities were inaugurated by Mr. Satish Varma, former Vice president, TCS on 08/09/2015

A workshop on 'SWARM ROBOTICS' was organized by CESA in association with CSI student chapter Botrio Design Labs, Bangalore on 16/10/2015 and 17/10/2015

IE (I) COMPUTER SCIENCE STUDENTS chapter celebrated the world



standards day on 14th October 2015. The Chief guest Dr. Satish K P, Associate Professor, Production Dept, GEC, Thrissur gave a talk on Standard- Worlds Common Language.

STAFF ACTIVITIES

Mr. Thomas George K completed MOOC course on Programming for Everybody (Python) and got certified by University of Michigan. He also got the Microsoft certificate of completion of MOOC course on Introduction to C++.

Aswathy Wilson, Bineesh M, Jyothis TS, Aneesh Chandran, John Paul Martin, Seenia Francis, Namitha Tn, Sobha Xavier, Reshma K V, Ninu Francis, Swapna B Sasi, Jisna V.A, Kumary R Soumya, Fousiya K.K, Majo John, Diana Davis, Snitha Thomas got the Microsoft certificate of completion of MOOC course on Introduction to C++.

Ms. Divya M Menon completed MOOC course on



Snitha Thomas



Aneesh Chandran



Ashwathy Wilson



Bineesh M



Diana Davis



Divya M Menon



Fousiya K K



Jisna V A



John Paul Martin



Jyothis T S



Kumary R Soumya



Majo John



Namitha T N



Ninu Francis



Reshma K V



Seenia Francis



Sobha Xavier



Swapna B Sasi



Thomas George

Introduction to R Programming ,certified by Microsoft she also completed MOOC course on Introduction to Computer Programming ,certified by IIT Bombay.

Paper Presentation/Publication

Neethu Joseph (S4 M.Tech CSE) and Aswathy Wilson published a paper titled "Retrieval of images using data mining techniques", in IEEE International Conference on Contemporary Computing and Informatics (IC3I), 2014.

Athira Ram (S4 M.Tech CSE) and Ms. Jyothis T S published a paper titled "Security improvement in fingerprint authentication system using virtual biometric" in IEEE International Conference on Advances in Computing, Communications and Informatics (ICACCI), 2015



Neethu Joseph



Athira Ram

RESULT ANALYSIS (B.Tech)

Pass percentage in Third semester BTech examination of 2013-2017 CSE-A batch is 73.21.

Pass percentage in Third semester BTech examination of 2013-2017 CSE-B batch is 53.66.

Frazeena Francis secured 1st in S3CSE -A with a CGPA of 8.79

Sona S secured 1st in S3 CSE-B with a CGPA of 8.5

Placement



Manju B Menon



Manju B Menon



Aparna U R (Infosys)



Dalwin C D (ITC)



Milbin Milton (Infosys)



Minara P Anto (ITC)



Rakesh K (Infosys)



Reshma R (Infosys)



Tessa Jose (ITC)



Tasvia Haroon (Infosys)

Dept. of Electronics & Communication Engineering

STAFF ACTIVITIES & ACHIEVEMENTS
WORKSHOP ON MATLAB

Ms. Bindhu K Rajan conducted a MATLAB workshop as part of the Add on Courses conducted at JECC in the co curricular activity programme in October.



Bindhu K Rajan

MASSIVE OPEN ONLINE COURSE (MOOC) CERTIFICATION

Mr. Abin Johns Raju achieved the MOOC Certification for the Course on "System View of Communication" from Hong Kong University of Science and Technology.



Abin Johns Raju

STUDENTS' ACTIVITIES AND ACHIEVEMENTS
ACHEVEMENTS

Placement

Mr. Vishnu K, Mr. Venugopal K & Ms. Suraja P Joy of S7 ECE were placed in **Infosys Ltd**, through the campus recruitment drive conducted by the Placement Cell, JECC on 28/10/15 & 29/10/15.



Vishnu K



Venugopal K



Suraja P Joy

ECSA ACTIVITIES

Inauguration

Electronics and Communications Students Association activities of 2015-16 was inaugurated on 16/09/2015 by Mr. Arun Thomas Kochu, Engineer, Power Train Plant Modeling & Software Development, Mercedes- Benz Research & Development India, Bangalore, who is also an Alumni of Jyothis Engineering College(2006-2010 Batch ECE)

ECSA organized a software training session on LTSPICE for S3 ECE B students in VLSI Lab on 15/10/15

PARTICIPATION IN INTERNAL EVENTS

Selected students of S3, S5 and S7 ECE participated in interactive session by Mr. Madhavan Ramakrishnan, held as part of EDC, JECC inauguration on 23/09/2015.

INTERNSHIP / INDUSTRIAL VISITS / EDUCATION TOUR

9 Students of S5-ECE A underwent 5 days Internship at Hykon India Pvt. Ltd, Thrissur from 24/08/2015 to 31/08/2015

S7 ECE students visited VWF Pvt Ltd, Bulb Filament Manufacturing Unit, Mysore and ACE Electronics Ltd, Mysore on 28/09/2015 as part of their 7 days tour from 24/09/15- 30/09/15

S3 EC-A Students completed an industrial visit to CICOM Pvt Ltd. small scale capacitor manufacturing unit, Shornur and Aakashavaani Radio Broadcast station, Thrissur on 21/09/2015 as part of their 3 days tour from 21/09/15-23/09/15.

Students of S3 ECB completed an industrial visit to Aakashavaani Radio Broadcast station, Thrissur and Kerala Electricals & Allied Engineering Ltd Kanzhikode, Palakkad on 08/10/15 as part of their 3 days tour from 08/10/15-10/10/15.

A study tour to Mangalore, Coorg, Bangalore for S7 AEI students was conducted from 27th September to 04/10/2015. As a part of educational tour 23 students visited CFRI, Bangalore, VRS Industries, Bangalore, along with two faculty members.

SKILL DEVELOPMENT TRAINING

43 Students of S5 ECE A participated in three days residential training programme on Soft Skill Talent development from 08/10/2015-10/10/2015 at St. Marthoma Church Centre, Azheekode.

53 Students of S3 ECE B participated in three days residential training programme on Soft Skill Talent development from 18/09/2015-20/09/2015 at CSR, Chalakudy, Pariyaram

Dept. of Electrical & Electronics Engineering

AAAA Inauguration was conducted on 07/09/2015. Dr. Rajan P, Deputy Chief Engineer, KSEB was the chief guest. Dr. Rajan P delivered a talk on 'Energy Management'



Department of EEE conducted a one day Workshop on "APPLICATION OF MATLAB TO POWER ELECTRONICS & CONTROL SYSTEMS" for Fifth Semester Students in association with IEEE SB Chapter on 17/10/2015.

Resource Persons :Ms.Reshma Raj C, AP, EEE &Ms.Della David, AP, EEE



The Certificates were distributed by Fr.Roy Vadakkan, PRO, JECC.



Department of EEE conducted a 3 day workshop on "ANSYS MAXWELL" for M Tech students by Entupe Technology, Bangalore on 11/11/2015 to 13/11/2015. Dr. K K Babu, Principal, JECC inaugurated the workshop.



Industries Visited: Kerala Electrical Limited , Mamala, Ernakulam & KSEB Power Plant at Neriyamangalam.

Microtooling System, Hyderabad, Dye manufacturing unit, Injection molding unit.

55 Students of S7 EEE (2012 Adm) went for a 7 days study tour to Hyderabad as a part of curriculum during 17/09/2015 to 23/09/2015.



Placement

4 Students from EEE department got placed in Infosys on an on-campus recruitment drive



Nimisha Muralaeddharan
S7 EEE



Sreelakshmi
S7 EEE



Maria K Kuriakose
S3 M.Tech



Emilin Kangapadan
S3 M.Tech

OFF CAMPUS PLACEMENT

Gayathri P, S7 EEE (2012 Adm) got placed in IBS on an off campus placement drive held at Sahrdaya Engineering college.



Rosmi James

Ms.Rosmi James & Ms.Nimisha Muralaeddharan of S7 EEE secured second prize in a project presentation competition on "Sustainable Education Experience & Experiments"



Gayathri P

Mr. Anand Rajan and Mr. Jithu K Selwyn of S5 EEE (2013 Adm) have been selected as Microsoft Student Partner (MSP) from India for 2015 – 2016.



Anand Rajan



Jithu K Selwyn

FACULTY ACHIEVEMENTS

Mr. Ratnan P, HOD, EEE presented a topic on "Electrical Wireman" at ASAP Secretariat, Trivandrum on 27/10/2015.

FDP/STTP/SEMINAR ATTENDED

Mr.Akhil A Balakrishnan , APEEE attended a workshop on "DESIGN'15" of DAT of additional Skill Acquisition Programme (ASAP) on 23rd November 2015 at Trans Tower, Vazhuthacaud, Trivandrum.



Ratnan P



Akhil A Balakrishnan

Dept. of Mechanical Engineering

AMES Activities

Association of Mechanical Engineering Students (AMES) inaugurated the activities 2015-2016 by Dr.Surendran, Marketing head SIFL, Athani and delivered an expert talk on "Emerging trends of mechanical engineering"



Guru Pooja

Association of Mechanical Engineering Students (AMES) Organized "GURU POOJA" as part of Teachers day celebration 2015.



Blood Donation Camp

As a part of inauguration of Association of Mechanical Engineering Students (AMES) 2015-2016 a blood donation camp was conducted at Thrissur.



MECHANICAL ENGINEERING STUDENTS PROFESSIONAL CLUB

SAEINDIA recognize the formation of SAEINDIA collegiate club of Jyothi Engineering College, for Academic year 2015 to 2016, initially 103 students of mechanical department enrolled to this professional club.



Senior Faculty Advisor
Prof. Varughese Job K



Additional Faculty Advisor
Christy V. Vazhappilly

STAFF ACHIEVEMENTS

1. Ms.Nisha sherief (Assistant Professor, ME) attended two day workshop for "Engineering Design" organized by at APJ Abdul Kalam Technological University (KTU) at Trivandrum on 30th and 31st Oct 2015.



Nisha Sherief

2. Mr. Biju C.V (Associate Professor, ME), was the chief guest of the school science, Art & Craft exhibition EVINCE-2015 on 12-11-2015, at Carmel School, Kulapully.



Assistant Professor, ME
Suresh O P

3. Mr. Christy V. Vazhappilly and Mr. Suresh O. P.,

(Assistant Professor, ME) published a research paper entitled "Improvement of Weld Images using MATLAB - A Review" in the International Journal of Engineering and sciences: Research Inveny Vol.5, Issue 4, 2015.



Assistant Professor, ME
Lippin Pauly

4. Mr. Lippin Pauly (Assistant Professor, ME) published a research paper entitled " Numerical Analysis of Heat Exchanger Effectiveness with Porous Medium" in the International Journal of Scientific & Engineering Research, Volume 5, Issue 7.



Assistant Professor, ME
Anto Zacharias

5. Anto Zacharias (Assistant Professor, ME) Published paper titled "Signature analysis of acoustic emission data obtained during proof pressure test of 15CDV6 pressure vessel" in National Seminar & Exhibition on Non-Destructive Evaluation, NDE, Pune.



Manoj Kumar

6. Mr.Manoj Kumar V. K., Mr.Praveen Raj, Mr.Christy V. Vazhappilly, Mr.Melvinraj C. R., Mr. Sreejith K., Mr.Nice Menachery (APME) had successfully completed a MOOC COURSE in "Introduction to Engineering Mechanics" conducted by Georgia Institute of Technology, Georgia, U.S.A., November 2015 on Coursera.



Praveen Raj



MelvinRaj C



Sreejith K



Nice Menachery

7. Mr.Manoj Kumar V. K., Mr.Praveen Raj, Mr.Suneeth Sukumaran, Mr.Nice Menachery (APME) had successfully completed a MOOC COURSE in "Mechanical Behavior of Materials: Stress Transformations, Beams, Columns, and Cellular Solids" conducted by Massachusetts Institute of Technology, U.S.A., November 2015 on edX.



Suneeth Sukumaran

8. Mr.Arunraj A, Mr.Lippin Pauly, Mr.Anto Zacharias and Mr.Sreejith A (APME) attended two day FDP on Concepts Coaching organized by ICT Academy of Kerala at Jyothi Engineering College.



Arunraj



Sreejith A

9. Mr.Sheik Afthab, Mr.Arunraj A, Mr.Sajith U.K, and Mr.Jithin K Kuriakose

(Assistant Professor,ME) attended One day Workshop on "Electronic Engine Management" organised by By BOSCH at PSG College of Technology, Coimbatore on 21st Sep2015.



Sheikh Afthab



Sajith U K



Jithin K

STUDENT ACHIVMENTS

1.Ms. Sushmitha S. (S7ME B) has been awarded the "Best Student in

Mechanical Engineering” organized by Architects & Engineers Association (AEA), Thrissur for becoming the top scorer in the University examinations, in connection with Engineer's Day celebration on 15-09-2015 at Thrissur.



Sushmitha S

2.Anup Nair (S7ME-A)has successfully completed MOOC course on “Introduction to Airplane performance” by Indian Institute of Technology Kanpur, on NPTEL.



Anup Nair

3.Mr.Jaison Xavier, Mr.Arun Krishnan and Mr.Abhinav K Prakash attended One day Workshop on “Electronic Engine Management” organised by BOSCH at PSG College of Technology, Coimbatore on 21st Sep2015.



Nithil E S

4.Mr. Nithil E.S. and Ms. Sushmitha S. (S7ME B) won First Prize for the Technical paper presentation, “Experimental Investigation of a Helical Coil Heat Exchanger” at MECHANIZE of ZAAGA 2K15, a two day National Level Technical Fest organized by the Department of Mechanical Engineering, Ahalia School of Engineering & Technology, Palakkad on 30th September & 1st October 2015.

5.Anup Nair has successfully completed MOOC course on “Foundation of Computational Fluid Dynamics” by Indian Institute of Technology Madras, on NPTEL.

6.Mr. Nidhin M.J. and Mr. Vipin Das of S7ME B participated in the Technical paper presentation, at MECHANIZE of ZAAGA 2K15, a two day National Level Technical Fest organized by the Department of Mechanical Engineering, Ahalia School of Engineering & Technology, Palakkad on 30th September & 1st October 2015.



Nidhin M J



Vipin Das

7.Varun Menon Participated in IEEE State level link Quiz competition at GEC Thrissur

8.Varun Menon Won first prize for the competition i3 (ideate, innovate and incubate) at Toch college conducted by Kerala Startup Mission

9.Sachin MP Won people's Choice award (second prize) for the Photography competition "Visualize" conducted on behalf of the Technical fest PALMARIUS of Sahrdaya College

10.Vishnu M : Won judges Choice award (first prize) for the Photography competition "Visualize" conducted on behalf of the Technical fest PALMARIUS of Sahrdaya College

11.Varun Menon, Sudheesh Sukumaran, Jithin E Joseph and Sachin MP were active members in the organisation of a national level event encouraging women empowerment by Sankalp Creative Ventures.

12.Colin Varghese, Delwin C Kuriyakose, Akhilesh Dinesan ,Ashvin Rajendran Of S7 Me-A Attended A Workshop On "Automotive Design And Analysis" National Technology Awareness Campaign 2015-2016 At National Institute Of Technology,Calicut On 31st October 2015

13.Arjun T B, Ajay P Muralidharan and Akhil P Nair (S3ME-A) Secured 2nd prize in College making as part of Kerala Piravi day Celebration Nov. 2015

14.Akhil P Nair and Elbin Jose (S3ME-A) secured 2nd prize in Quiz Competition conducted by ISTE student Chapter Jyothi Engineering College.

PLACEMENT DETAILS

1.Mr.Ajis C Shaju, Mr.Arun M.K,Mr.Bittu baby, Mr. Joel J. Manjaly, Mr. Karthik R., Mr. Krishnadas M., Mr. Martin K. Vincent, Mr. Matsen



Ajis C Shaju



Arun M K



Bittu Baby



Joel J Manjaly



Karthik R



Krishnadas M



Martin K



Vincent



Matsen Mathew



Nidhin Joy



Prasob T P



Ramanathan R

Mathew, Mr. Nidhin Joy, Mr. Prasobh T.P., Mr. Ramanathan R., Mr. Sharukh K., Ms.Sushmitha S. and Mr. Vipin Das of (S7ME) got placed in Infosys Ltd., Bengaluru as a part of the Infosys On-Campus Drive 2016 conducted in the college during 28-29 October 2015.

2.Mr.Arun M K, Mr.Arun K, Mr.Anup Nair, Mr.Charles Jacob and Mr. Joemon Benny of (S7ME) got placed in UNFCF, Oman, as a part of the



Arun K



Charles Jacob



Joemon Benny

UNFCF On-Campus Recruitment Drive, conducted in the college during 29-30 October 2015.

3.Mr.Anup Nair (S7 ME-A) got placed in IBS Software Services as a part of the Off Campus Recruitment Drive, conducted in **Sahrdaya** College of Engineering & Technology college during November 2015.

STUDY TOUR

59 Students of S3 ME-B visited Visvesvaraya Industrial and Technological Museum at Bangalore as part of their Study tour.



69 Students of S3 ME-A visited **Peekay Steel** Castings Pvt Ltd at Kozhikode as part of their Study tour.

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58 Students of S7 ME-A accompany visited Volkort Coffee at Coorg as part of their Study tour.



55 Students of S7 ME-B visited S.M.Kannappa Automobiles at Bangalore as part of their Study tour.



Dept. of Basic Science & Humanities

Dr. K. R. SANDEEP NARAYAN published a book entitled "Distance Parameters in Graphs & Arc in Complement of Fuzzy Graph".

He also published a paper on "Early detection of Autism – and Application of Fuzzy Graph" in IJMCR a Journal of Mathematics.



Dr. Baby C B



Dr. Usha Menon



Sandeep Narayanan



Jasmine Jose

DR.BABY C.B, DR.USHAMENON, Dr. K. R. SANDEEP NARAYAN and Asst. Prof Ms. JASMIN JOSE attended an FDP in IT Tools for Academics and Research conducted on the Jyothi campus between 19th and 20th November 2015.

DR.USHAMENON was the adjudicator for a PhD thesis entitled "Ontology of the Oppressed" by Ms. Renuka of Periyar University in October 2015.

Fr. Roy Vadakkan inaugurated the marketing management finale at "lead business school". He was also the Judge at their competitions conducted under the banner of the LEAD Marketing and Advertisement Club.



phase of the Placement season will begin during the last week of December '15.

An Interpersonal Communication 101 Workshop was conducted by



the PAT Officer for first year students. It was attended by 283 students and was spread over 6 sessions

"What's Next after Engineering" - An interactive session was conducted by Dr A.N. Brijesh Nair, Professor, VIT University. It was spread over 2 days and had 5 sessions covering a total of 542 students across S5 and S7 (all branches)

Prometis Ltd conducted a 3 hr Aptitude training session for about 52 students of S7 across all branches. The top students of each class were nominated by the department staff for this session.

Pre-Placement Training was offered to all 449 students in the Final year (Both UG and PG) in two phases. Pre-Placement Training (Phase-1) for all final year students across EEE,ECE,AEI,CSE and it was conducted during Sep 7-11, 2015. Two days were dedicated for soft skills that included a focus on group discussions and interviews. Three days of aptitude training focused on Quantitative, Logical and Verbal reasoning abilities. Pre-Placement Training (Phase - 2) for all final year students across CE and ME was conducted during Sep 28- Oct 2, 2015. The training was conducted by Careerfit 360 Pvt Ltd.

An orientation program on "Goal Setting" was conducted for all branches of S1 students on Sep 10 and 11, 2015. This was conducted under the aegis of the ICT Academy

Prometis Ltd conducted a one & a half day Aptitude training session for about 113 final year students across all branches. The aptitude training was focused on the upcoming Infosys placement drive.

Activities at the placement cell began with different training sessions for students depending on the needs of the Industry. Mock interviews, Group Discussions and personality Development Classes were held for all those who were expected to attend interviews in the coming months. In July '15: "Path of Human Excellence" - A one day value based training was conducted for all non-catholic S3 students. A two day retreat focusing on values was also conducted for all catholic S3 students.



EDC News

The Jyothi family came together again after the Onam break in September. Activities expanded beyond the classrooms to bring staff and students to new vistas of knowledge. Various clubs and societies started to function introducing the students to the latest in the industry and a taste of entrepreneurship which could entirely change their future. The thought that one does not necessarily wait to be employed by others but could be a source of employment proved to be attractive and interesting to the young engineers in the making.

Kerala Startup Mission accorded sanction to the IEDC of JECC starting from 5th October 2015. KSUM has provided a funding of Rs. 200000/- towards Startup Boot Camp for the Entrepreneurship activities.



The Inauguration of the activities of Entrepreneurship Development Cell for the year 2015-2016 was conducted on 09/09/2015 at Decennial Hall with the launching of the revamped website of EDC. Mr. Jijo Sunny, the Entrepreneur & Founder of two companies AdIndigo and Minimalister Network LLP inaugurated the program and launched the official website of EDC. He gave a talk about different aspects of Startups. Prof. Varghese Job (Chairman, EDC) welcomed the gathering. The Annual Report of EDC was presented by Mr. Anil Antony (Convener, EDC). Dr K K Babu (Principal), Er. Thomas Mathew (Administrator) and Mr. Joseph Joshy (Placement officer) offered felicitations on the occasion. Mr. Sanjo Simon (EDC Student coordinator) gave the vote of thanks. An interactive session with the chief guest and students followed.

A workshop on the topic "Microsoft Student partner and App development" was conducted on 10/09/2015 at the Insight Hall for 60 student aspirants of S3, S5 and S7 from five departments. The Chief Guest of the event was Mr. Mohammed Ramees (President of Microsoft Developer Community, Kerala). The Welcome note was given by Prof. Varghese Job. The workshop had two sessions. The morning session was about "Microsoft student Partner" where different programs that Microsoft offers for students, such as Dream Spark, Azure, MVP, Imagine cup etc. were introduced. The second session of the workshop was about App development in Windows. Visual studio 2015 was the software used. The students were taught various coding and tricks for app development. Administrator, Er. Thomas Mathew handed over a memento to the guest. Varun Menon (S5 ME) Student Co-ordinator gave the vote of thanks.

A workshop on "Azure - Microsoft Cloud" was conducted on 28/09/2015 at Decennial Hall. The guest of the day was Mr. Jaseel Mohammed and Mr. Rashid from the Kerala Startup mission. They



introduced Microsoft Azure to the students in the first session of the workshop. Azure is a cloud computing platform and infrastructure, created by Microsoft, for building, deploying and managing applications and services through a global network of Microsoft-managed and Microsoft partner hosted data centres. It provides both PaaS and IaaS services and supports many different Programming files, tools and frameworks, including both Microsoft-specific and third-party software and systems. The Second session was about gaming using Construct 2 an HTML5 based 2D game editor, developed by Scirra Ltd. The resource persons helped to install the software Construct on laptops. They introduced quick creation of games in a drag and drop fashion using a visual editor and a behaviour-based logic system. Each event sheet has a list of events, which contain conditional statements or triggers.

Kerala Startup Mission (KSUM) in association with Openfuel.org conducted a 3 day workshop "Startup i3" at TOCH College of Engineering, Ernakulam from 19th to 21st October 2015. Our students won the first prize worth 15k in this contest. Student members who represented our college for the event were: **Varun, Manu, Ashith,**



Aatmaj, Sharon.

The EDC Executive Committee in its meeting held on 16-11-2015 gave clearance to SPATEZ which began its operation in our TBI from 20-11-2015 onwards.

About the Company

SPATEZ an abbreviation for Software Programming And Technical Entry Zone, was founded by a team of young Entrepreneurs & Students from Jyothi Engineering College in 2015 with the goal of creating smart electronic gadgets, mobile applications and fun games for everyone. It is supported by a team of young, dynamic and smart working professionals, who have provided its clients with a new



definition in the field of the web, by delivering aesthetic and classy web solutions and other products. What started as a dream job for the team has evolved into a successful business. In 2015, the team proposed the mega-hit HASP V1.0, which

is in the stage of final designing. Based in Kerala, the self-funded, fully independent project has also developed a number of other websites, apps and robots including Bravero. When we bring people and innovations together, we create a new generation of technology – a technology that people truly need. We focus on making electronic gadgets and apps that can help you control your entire Digital world. We are blessed with young and vibrant team members who have devoted their souls to guide you effectively till success is attained. SPATEZ has already obtained funding from Tektronix and an angel investor from TIECON Kerala event is ready for 60 Lakhs funding for the next phase.

Visit: <http://www.spatez.com/>

Nine students out of the 75 selected from Kerala by Microsoft Student Partners India Program 2015-16, belong to Jyothi Engineering College. They are:



Aatmaj Janardanan



Albin K. Jose



Allen Francis Antony



Anand Rajan



Anitha P



Ensun M P



Jithu K Selwyn



Lipin Plus



Sarga Ajithan

Library

The following new staff members Syamala C and Remya S.N joined the Jyothi Engineering College, Central library as Library Assistants on 16-11-'15.



Syamala C



Remya S N

Women Development Cell

In compliance with a directive from the University of Calicut, Jyothi Engineering College conducts Women Development Cell (WDC) Activities each year. It acts as a forum for providing a conducive environment for self empowerment of girl students and to take care of related problems.



The Women Development Cell "SANSKRITHI" at Jyothi Engineering College started its activities for the academic year 2015-2016 with an inaugural ceremony on 9.10.2015. Dr K R Lekha, Scientist WSD KSCSTE was the chief guest of the day. The Inauguration was followed by a talk on "Women in STEM - a filip to National Development". Dr Lekha stressed the need of Women in STEM (science, technology, engineering, and math) fields which are otherwise dominated by men. STEM fields have an equal mix of men and women, some have a higher percentage of women. Dr Lekha emphasized the need for young budding engineers to broaden their perspectives and advance careers. Asst. Prof. Ms. Neeraja P G, the staff Co-ordinator of WDC 2015 is assisted by two lady students who function as president & secretary respectively. Every woman of the college is a member of the forum.



The Women Cell of Jyothi Engineering College organised a Session on Self Defence for Women on 17.11.2015 at AEI Seminar Hall for all the lady faculty members. The session was conducted by WASP (Women Academy for Self Protection) a National Development Agency. The College has the idea of extending such training to the lady students hoping to instill not only self defence abilities but also to build up self confidence.

IEEE

SB Jyothi Engineering College organized a two day national workshop AZIKSA 15-Raspberry pi Python on August 7 & 8 ,2015. The Workshop was inaugurated by the Principal Dr. K. K. Babu. The



workshop was conducted by ACT IIT,Kharakpur & Tech Bharath .The resource persons of the day were Mr. Nayan Mujadiya, R&D Engineer Sr I, Synopsys India Pvt. Ltd. From Bangalore. A total of 84 students from ECE, CSE, & EEE branches participated in the program .

The IEEE Day 2015 SB Level quiz competition was conducted by IEEE SB JECC on 06-10-2015. 25 ieee members participated in the event. Mr.Varun Menon ,S5 ME B & Mr. Steve Thomas, S5 ECE B were the toppers and they participated in the Cochin Hub level PES Quiz competition held at GEC Thrissur on 10-10-2015.

IEEE SB of JEEE conducted a quiz for the first year students on 09-10-2015 in association with IEEE PES Kerala Chapter. 15 students from various branches participated. Ms.Arya C , S1 ECE A & Mr. Deignmon C D,S1 CE scored top marks.Ms. Arya C went on to take part in the Cochin Hub level Quiz on College of Engineering Chengannur on 31-10-15



Varun Menon



Steve Thomas



Arya C



Deignmon C D

ISTE Activities

Office Bearers 2015

President



Aswin Baby (S7 ECE)

Secretary



Ambili (S5 CE)

Joint Secretary



Ramakrishnan C P (S5 ME)

Executive Members



Manu (S5 CIVIL)



Abhilash (S7 ECE)



Deepak Vijayan (S5 EEE)



Sushmitha (S7 ME B)

ISTE Students Chapter in association with CEA organized a Technical Talk .A Quiz Programme was conducted on **8th and 9th October 2015**. On 8th October, The Quiz was held for the undergraduate students of Jyothi Engineering College. 26 teams from various classes participated for the preliminary round and 4 teams were selected for the final round.

The winners are for the above competition were
Kiran Elias and Aljin Joseph of S1 EEE First Prize
Akhil P Nair and Elbin Jose of S3 MEA Second Prize
Steve Thomas and Sandeep C M of S5 ECEB Third Prize
Jigeesh and Vyshnav of S7MEB Third Prize



Kiran Elias (S1 EEE)



Aljin Joseph (S1 EEE)



Akhil P Nair (S3 MEA)



Elbin Jose (S3 MEA)



Steve Thomas (S5 ECE B)



Sandeep C M (S5 ECE B)



Jigeesh (S7 MEB)



Vyshnav (S7 MEB)

Mr. Sreesastha Ram, Asst Professor of Mechanical Engineering Department was the Quiz Master for the final round. On 9th october Dr K R Lekha, Scientist & Head, WSD, Kerala State Council for Science, Technology and Environment on Coir Geotextiles in Civil Engineering Applications- field experience gave a Technical Talk . This was followed by an interactive session.

ISTE Student chapter JECC sponsored **one day workshop** on **"P C B DESIGNING"** was organized by the EEE department on **9th October 2014**. The resource persons were, **Mr Nithin & Mr.Lishoy from RAPID Technologies**. The main objective of the workshop was to familiarize the participants with the printed circuit boards and their applications. The workshop focused on the pre final students thereby enabling them to have hands on experience with the PCB and its application .They could thus develop new ideas in the field of engineering especially for their B.Tech projects. 61 students participated.

ISTE Student chapter JECC sponsored a **2 day workshop on**



"PYTHON and RASPBERRY PI" from **22th September 2015 to 23th September 2015** at **YOTHI ENGINEERING COLLEGE, Cheruthuruthy,Thrissur**. The main objective of the workshop was to familiarize PYTHON and it's applications in various fields of Electronic

Engineering. The workshop mainly focused S5 students enabling them to have a hands on experience with the Python and raspberry pi along with its applications. The workshop aimed at developing new ideas in the field of engineering especially for their B.Tech mini and main projects. 41 students participated in the programme.



Co-Curricular Activities

The CC activities for the second phase started in the month of September. The Dance club students performed a Thiruvathira Dance during Onam Celebrations. The football club members practise daily and conducted many matches. The activity not only built team spirit among the participants but proved to be a good path towards developing personality. The artistic work of the members of the painting club were appreciable. The literary club organized an essay writing competition on the topic 'Engineering Challenges for Knowledge Era' on 8th September 2015 and also they conducted a colash competition based on Kerala Pravi on 19th October 2015. The Public Speaking Club conducted a



power point presentation on 'Dr. A.P.J Abdul Kalam' .It helped the students to express their creative ideas. The club also helped the students in proper planning, preparation, and practice for a public presentation. The fresh Brinjals from the Vegetable garden under the Gardening Club were handed over to Fr.



Jos Punnoliparanmbil. As part of Dr. APJ Abdul Kalam's birthday on 15th October 2015, a project presentation competition was organized in association with the NSS unit, Literary club and Public speaking club on the theme "SUSTAINABLE EDUCATION – EXPERIENCE &

EXPERIMENTS"

The Sports club including the Cricket, Basket Ball, Volley Ball, Badminton, Table Tennis and Athletics Teams conducted activities which increased the opportunity for mentoring, and positive peer associations. The academic abilities of the students were enhanced through the Gate and Civil Service Coaching.

FDP

An FDP for the teaching staff and faculty of Jyothi Engineering College was held on the 19th and 20th of November 2015, to introduce the software Moodle a free and



open-source software learning management system written in PHP and distributed under the GNU General Public License. Developed on pedagogical principles, Moodle is used for blended learning, distance education, flipped classroom and other e-learning projects in schools, universities, workplaces and other sectors. About 30 members of the Faculty and Staff from the College participated in the programme.

Fab Lab

(Fabrication Laboratory)

The management and faculty from Jyothi Engineering College visited the Fab Lab at startup village Kinfra Hi-Tech Park, Kalamassery. It is a technical prototyping platform for innovation associated with MIC Fab Lab Foundation USA.



STAFF Club Tour

The annual staff club tour was conducted on 28th of December 2015. The Faculty & Staff visited Nelambur Forest Area & KINFRA. As a picnic trip it was both enjoyable and educative revealing a lot of the forest wealth of our state and the beauty inherent therein.

