



Jyothi Engineering College

Approved by AICTE & Affiliated to APJ Abdul Kalam Technological University

A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR

JYOTHI HILLS, VETTIKATTIRI P.O., CHERUTHURUTHY, THRISSUR PIN - 679 531 PH: +91 4884 274198, 274423 FAX : 04884 274777

Creating eminent and ethical leaders through quality professional education with emphasis on holistic excellence.

APRIL 2016 ■ BOOK 8 ■ ISSUE 1

For private circulation only



Rev. Fr. George Edakulathur
Former Manager



Msgr. Thomas Kakkassery
Manager



Fr. Roy Joseph Vadakkan
Asst. Manager
(Admin. & Academics)



Fr. Joju Chiriyankandath
Asst. Manager (Finance)



Fr. Jinto Pereppadan
Asst. Manager (Project)

2016 was a year of change at Jyothi. Our Manager Msgr. George Edakulathur left us to take over as Vicar in Our Lady of Dolours Church Thrissur Basilica. On 5th feb 2016 the Staff members

of Jyothi welcomed the new manager Msgr. Thomas Kakkassery. Jyothi also welcome to the campus, the new administrative body consisting of Assistant Managers: Fr. Roy Joseph Vadakkan, Asst. Manager (Administration & Academics), Fr. Joju Chiriyankandath Asst. Manager (Finance), Fr. Jinto Pereppadan Asst. Manager (Project).



Jyothi bid farewell to Fr. Jos Punniliparambil, Executive Manager moved to take over the leadership of St. Thomas Syro-Malabar Catholic Church, Palayoor.

The College Union Election was held on 2/2/2016. The following members were elected to - "STUDENTS UNION 2015-16"



Chairman:
Rahulnath V
(S8-ME-B)



Vice Chairman:
Tania Pius
(S8-CSE)



General Secretary:
Jayakrishnan A
(S6-CSEA)



Joint Secretary:
Maria Rose Vincent
(S6-CE)



UUC 1 :
Rakesh K (S8-IT)



UUC 2 :
Mervin Augustine
(S8-CE)



Secretary –
Fine Arts
Manu C Paul
(S6-CE)



General Captain
of Sports &
Games Manu George
(S4-CSE-B)



Student Editor of
College Magazine:
Sakhil P George
(S6-CSE-B)



First Year BTech:
A.M Abhishek
(S2CSE-A)



Second Year
BTech :
Joe Pallan
(S4 – CE)



Third Year BTech:
Freceena Francis
BTech:(S6-CSE)



Fourth Year BTech :
Azim Mohammed Rafeeq
(S8-ME)



First Year MTech :
Jithin Dev
(S2-CSE)



Second Year MTech:
Jyothi P Joy
(S4-CSE)

The new year ushered in hectic activity at Jyothi Engineering College. Events Began with "Astra" which was part of the grand Techfest to follow.



As a prelude to the Techfest "Tharang 16" the final round of Astra Jyothi Quiz competition was conducted in the college auditorium. Harisree Vidya Niketan, Thrissur won the first prize.

Department of Basic Science & Humanities



- On January 4th & 5th 2016 the BSH department conducted a state level seminar on "Issues, Challenges & Strategies in Technical Education with Reference to Science and Humanities." It led to a interesting discussion about the use of pure Science, Economics and Language Skills in professional college. All the participants gave input from real life classroom experiences. Suggestions were also forthcoming on methods to overcome the challenges that are commonly faced by members of this department in Engineering Colleges.
- On 19th January 2016 the Business English Certificate Course was formally inaugurated by Mr. Dileep Nair, Business Consultant for Cambridge Language Assessment. Dr. Usha Menon was inducted as the BEC Teacher at Jyothi Examination and Training Centre No:IN008
- Dr. Usha Menon attended the TSP Program conducted by Cambridge at the "People English Centre", Bangalore between 9th and 14th March 2016.



- On 23rd March 2016, Fr.Roy Vadakkan Conducted a Training programme for the Teaching Faculty of the Kerala Health University, Trichur.

Department of Civil Engineering

STUDENT ACHIEVEMENTS

University Result:

ACHIEVERS



Ambily. P



Aiswarya Jayaprasad



Neethu Jose

- Ms. Ambily P. (9.2), Ms. Aiswarya Jayaprasad (8.95) and Ms. Neethu Jose (8.8) of S6 won the first second and third positions in their class in the S3 university results.
- Ms. Ambily P. (9.11), Aiswarya Jayaprasad (9.04) and Neethu Jose (8.68) won the first, second and third position respectively in their class in the S4 university results.
- S5 students have gained a remarkable result in the third semester university exams with a pass percentage of 78.79 %.



Divya Joshi



Bency Joy



Ameera. V. U.



Anci Devi

Ms. Divya Joshi (8.75) and Ms. Bency Joy (7.89) won the first and second positions and Ms. Ameera V. U. and Ms. Anci Devi (7.86) shared the third position in their class in the S6 university results.

Other Achievements:



Abhishek



Manu C. Paul



Amritha V.V.



Mithun T.

Mr. Abhishek T. S. of S6 Civil was a member in the winning team (First prize) of Kerala Startup Mission i3 contest conducted at CUSAT on 18, 19 and 20 of January 2016.

Mr. Manu C. Paul and Ms. Amritha V. V. of S6 Civil were members in the winning team of ICT Academy KeralaTechathlon conducted at Technopark Trivandrum held on 28-1-2016.

Mr. Mithun T. coordinated the Tharang 16 Tech Fest programs of Civil Department



Anand Krishnan



Afsal. M.



Feba Ann.T.



Saleel Saleem

- Mr. Anand Krishnan and Mr. Afsal of S4 CE won the Second prize in the Survey competition conducted as part of Tharang 16.
- Ms. Feba Ann of S4 CE won the individual female champion in the competitions conducted as part of Sports Day on March 19.
- Mr. Saleel Saleem obtained a GATE Score of 344



Jithin.T.J.



Joseph. K



Relins Lorence



Swetha C.V.



Maria Rose Jose

- Mr. Jithin T.J., Mr. Joseph Kodankadath, Mr. Relins, Ms. Swetha and Ms. Maria Rose of S8 civil got the second prize in the Vibhavana paper presentation contest.
- Ms. Bency Joy of S8 CE was selected for the Prof. A Radhamany endowment award for the best outgoing civil engineering student for the year 2016.

FACULTY ACHIEVEMENTS



Prof. S. Rathish



Prof. M.G. Cyriac



Dr. Anitha Jacob

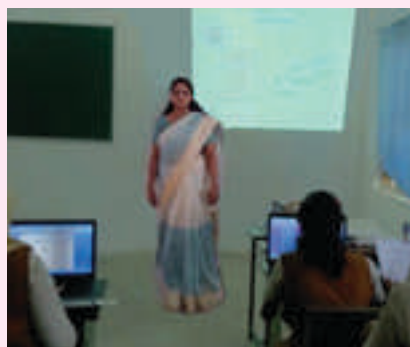
- Prof. S. Rathish delivered a talk on Total Quality Management at Kerala Water Authority on 21st January 2016
- Prof. S. Rathish was invited as a resource person at MDIT Kozhikode on 28th January 2016.
- Prof. S. Rathish and Prof. Cyriac M.G. attended the State Level workshop for the preparation of a manual on Water Quality monitoring and surveillance organized by Kerala State Rural Water supply and Sanitation agency on 8th March 2016 at Trivandrum.
- Ms. Anitha Jacob handled a session on Total Station at GEC Kozhikode on March 15 and conducted a training session on the working of total station during the 5 Day STTP on Introduction to Advanced Software in Civil Engineering.

Publications:



- Prof. S. Rathish and Ms. Anu Theressa presented a paper on 'Smart water supply system' in a seminar on Water Supply for Towns And Villages- Problems and Solutions organized by IE Kannur chapter on Jan 2nd 2016.
- Prof. M.G. Cyriac Ms. Jisha Akkara and Ms. Neeraja P.G. presented a paper on 'Managing Water Quality in Traditional Sources of Kerala' in a seminar on Water Supply for Towns and Villages- Problems and Solutions organized by IE Kannur chapter on Jan 2nd 2016.
- Prof. M.G. Cyriac, Prof. S. Rathish, Jisha Akkara, Neeraja.P.G. published a paper on "Combating pollution in traditional water sources of Kerala" in IJARSE Vol.no.5, Special issue No.(01), February 2016
- Mr. Sooraj Krishnan attended an online video course on Design and Engineering at Vidya Academy of Science and Technology on 19th March 2016.
- Mr. Joyal Scaria got a valid GATE Score of 456 in 2016 GATE. .
- Prof. M.G. Cyriac, Prof. S. Rathish, Jisha Akkara, Neeraja.P.G. presented a paper on "Combating pollution in traditional water sources of kerala" organized by SVCET International Conference at Srikakulam, Andrapradesh on 27th February
- A project proposal submitted to Kerala State Council for Science, Technology and Environment, Trivandrum for funding was granted an amount of 12.7 Lakh. Dr. Anitha Jacob is the principal investigator. Dr. Jose P Therattil of ECE department, Ms. Jisha Akkara and Ms. Manju Manohar of CE department are the Co-Investigators of the project.
- Prof. S. Rathish was a member in the interview board of KRWSA for implementation of World Bank aided Jalanidhi project on 22nd January 2016

DEPARTMENT ACTIVITIES



Prof. Sreeela P.K., Assoc. Professor, Department of civil engineering, GEC Calicut gave a lecture on Transportation Planning— Past, Present and Future on 12-1-2016 to the S8 Civil Engineering students.



- Mr. Cyriac Davies, Managing Director, KITCO gave a talk on Challenges and Opportunities for Civil Engineers to the students at Jyothi. The program was jointly organized by CEA and ISTE on 18-1-2016.
- An expert talk on 'Trench weir' by Sri B Manikandan, Executive Engineer, Kerala State Electricity Board, Kozhikode was conducted by the department for S6 and S8 Civil engineering students on 26/2/2016.
- An expert talk by B A Benny, Assistant Executive Engineer, Kerala Water Authority, Wakkancherry was arranged by the department on 24/2/2016 for S8 Civil Engineering students. The lecture was on "Use of Excel Software for Preparation of Estimation".





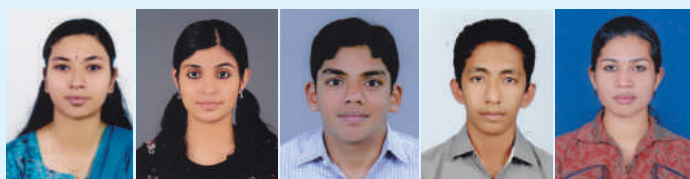
- Department organized a workshop in association with Laurie Baker International School of Habitat Studies (LaBISHaS) on 27th February. Prof. Cyriac M G was the coordinator. Fr. Joju Chiriyankandath, Assistant Manager (Finance) inaugurated the function. The Chief Guests were Prof. V. K. Lakshmanan Nair (Zonal Coordinator, Kerala State Nirmithi Kendra) and Dr.P.R. Sreemahadevan Pillai (Dean- LaBISHaS). Prof.V.K.Lakshmanan Nair delivered a talk on “Cost Effective and Environment Friendly Construction” in the forenoon session. The afternoon session was a lecture on “Sustainable Construction” by Dr.P.R.Sreemahadevan Pillai..
- Department unanimously decided to give away the Prof. A Radhamany Endowment Award for the best outgoing civil engineering student of the college considering the performance in academic and non academic activities, leadership qualities, and ethical values. A selection committee was constituted and critical evaluation conducted.
- Prof. M.G. Cyriac gave a presentation on “academic performance improvement and team building.”

Department of Computer Science & Engineering

STUDENT ACHIEVERS



Ashith Wilson Tessa Jose Leenat Chacko Reshma K R Neethu K.S



Angel Maria Ajina Assisi Justin Paul Joe Mathew Manju B

- Mr. Ashith Wilson of S6 CSE A was a member of Jyothi Team that won the first prize in TECHLATON at Technopark, Thiruvananthapuram.
- Tessa Jose and Leenat Chacko from S8 CSE , and Reshma K R from S2 MTech qualified the GATE 2016.
- Ms. Neethu K.S S2-M.Tech won the Best Paper Award in the IEEE

international conference held at Nooral Islamic University, Kanyakumari. The umbrella topic was 'Circuit, Power and Computing Technologies-2016'. Their paper was titled “Text Classification Using KM-ELM Classifier”

- Tessa Jose, Angel Maria Paul, Ajina Assisi, Justin Paul and Joe Mathew of S8 CSE under the guidance of Ms. Kumary R Soumya received the First Prize in VIBAVANA at Jyothi Engineering College for their paper “Beaconholic an efficient for location sensing iOS Application using IOT”.
- Manju B Menon of S8 IT presented a paper titled “Red Tacton,” at Thejus Engineering College, Vellarakkad and won Third prize for the same.

DEPARTMENT ACTIVITIES



- A Workshop on HADOOP and R programming was held on 12th and 13th January 2016. Dr. S P Syed Ibrahim, Professor, VIT University Chennai, Mr. Tulasi Prasad, Asst. Professor, VIT University Chennai, were the resource persons.
- CESA and CSI organized a talk on Artificial intelligence in Robotics on 11th February 2016. P Suresh, Senior Research Fellow in IIT Madras, was the resource person.
- CESA organized a talk on “Networking at a Glance on 29/3/2016 for S4 and S6 CSE students. Mr. Jain, CCNA programmer was the resource person.

STAFF ACTIVITIES



Anil Antony Aswathy Wilson Dany Varghese Shaiju Paul



Sobha Xavier Divya M Menon

- Mr. Anil Antony, Ms. Aswathy Wilson, Mr. Dany Varghese and Mr. Shaiju Paul of Computer Science and Engineering Dept. attended the High Performance Computing workshop held at the College of Engineering, Thiruvananthapuram.
- Ms. Aswathy Wilson and Ms. Sobha Xavier with the help of Mr. Shaiju Paul developed a software for result analysis as part of their TBI work.
- Ms. Divya M Menon received the Best Paper Award in the IEEE international conference on 'Circuit, Power and Computing Technologies-2016' for the paper titled "Anomaly Detection in Smart Grid Traffic Data for Home Area Network" at Nooral Islamic University, Kanyakumari

PAPER PRESENTATION/PUBLICATION

- The Kerala Science Congress was held on 28th 29th and 30th of January 2016, at the Calicut University Campus. Mr. Arun.K, Ms. Divya Jose, Ms. Nirosha Antony and Ms. Soniya Joseph participated in the poster publication competition and Ms. Aparna U.R, Ms. Jyothi P Joy, Ms. Supriya Jose, Ms. Swathy M Sony, Ms. Swathy Ramadas of second year MTech participated in the Oral presentation events.
- Ms. Jyothsna G K (S4 M.Tech CSE) published a paper titled "Assisting Document Annotation using a Data Sharing Platform", under the guidance of Ms. Aswathy Wilson in IEEE International Conference at Karpagam Engineering College, Coimbatore on 8th January 2016.
- Ms. Supriya Jose (S4 M.Tech CSE) Wilson presented a paper titled "Detecting waterborne pathogens using a mobile and a DNA sensor", under the guidance of Mr. Anil Antony in IEEE International Conference at Karpagam Engineering College, Coimbatore on 8th January 2016.
- Jyothi P Joy, S4-M.Tech presented the paper titled "Secure Authentication" under the guidance of Ms. Jyothis T S in IEEE 3rd International Conference On Innovations In Information Embedded And Communication System at Karpagam College of Engineering College, Coimbatore.
- Ms. Roshmy Geoge S2-M.Tech presented the paper titled "Artherosclerosis risk assessment using Reynold Risk Score" in IEEE international conference on 'Circuit, Power and Computing Technologies-2016' at Nooral Islamic University, Kanyakumari
- Ms. Susan Shaju S2-M.Tech presented the paper titled "Survey on Computer Aided Technique for Diagnosing Alzheimer" in IEEE international conference on 'Circuit, Power and Computing Technologies-2016' at Nooral Islamic University, Kanyakumari.

RESULT ANALYSIS (B.Tech)

Pass percentage in Sixth semester BTech examination of 2012-2016 CSE batch is 88.52

Pass percentage in Sixth semester BTech examination of 2012-2016 IT batch is 93.33

Pass percentage in Fourth semester BTech examination of 2013-2017 CSE batch is 60.82

Pass percentage in first semester BTech examination of 2015-2019 CSE batch is 40.5



Minara P Anto

Jisna P J

Freceena Francis

Minara P Anto secured 1st position in S6 CSE with a SGPA of 9.21

JISNA P. J secured 1st position in S6 IT with a SGPA of 8.91

Freceena Francis secured 1st position in S4 CSE with a SGPA of 8.54

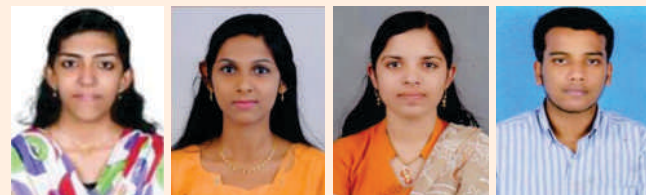
Department of Electrical and Electronics Engineering

MAJOR DEPARTMENT ACTIVITIES



- Department of EEE Conducted a 2 day workshop on "Industrial Internet of Things (IIoT)" for S8 EEE (2012 Admn) students in association with ISTE & AEEE students chapter JECC was held on 04/02/16 & 05/02/16. The Inaugural function was conducted on 04/02/16 at 9.30 am in the EEE seminar hall. Principal K K Babu inaugurated the event and Asst. Manager Fr. Roy Vadakkan felicitated the function. The resource Persons were Mr. Akhil R and Mr. Ananda Manoharan.
- Department of EEE conducted an expert talk on "Special Electrical Machines and Drives" in association with IEI for S8 EEE (2012 Admn) students on 26/02/16 in the EEE seminar hall. The resource Person was Dr. Jiji K.S., Asst. Professor, EEE, GEC, Thrissur. The event was coordinated by Ms. Aathira K. V., AP, EEE, JECC

STUDENTS ACHIEVEMENTS



Jismi Vincent Varghese

Tania Augustine

Reva K

Martin Joseph



Solomon Joseph Simon Thomas John Justin Jain

- Ms. Jismi Vincent & Ms. Tania Augustine of S2 PG(PE – 2015 Adm) attended a 2 day seminar on “Issues, Challenges and Strategies in Technical Education with reference to science and Humanities” organized by BSH Department of JECC between 04/02/16 & 05/02/16.
- Ms. Reva K R, Mr. Martin Joseph, Mr. Solomon Joseph and Mr. Simon Thomas of S4 EEE (2014 Adm) attended a 2 day workshop on “Data Analytics Using R” dated 3rd and 4th february 2016 hosted by Innovation and Entrepreneurship Development cell in partnership with Kerala Startup Mission.
- Mr. John Justin and Mr. Jain Varghese, S2 EEE (2015 Admn) successfully completed a MOOC course on “ STEEL101 x: Introduction to Steel offered by Tenaris University.

S1S2 Result Class Toppers (2014 Admission)



Ms. Sumayya Thasneem SGPA – 9.67
Ms. Veena P SGPA – 9.4
Ms. Fathima Irfana T K SGPA – 8.6

S4 Result Class Toppers (2013 Admission)



Smruthi Krishna K SGPA – 8.84
Arathi P Nath SGPA – 8.21
Anjali Babu SGPA – 8.89

S6 Result Class Toppers (2012)



Aruna K SGPA - 9
Gayathri P SGPA – 8.68
Revathy SGPA – 8.57

FACULTY ACHIEVEMENTS

MOOC courses completed:

- Assistant Professors Della David, Roshima T. V, Anu Sunny, Soumya C, Saritha P, Reshma Raj C, Renjini G, Aswathy Rajan, Jenson Jose completed MOOC courses on “Circuits and Electronics – Basic Circuit Analysis Part – 1” offered by MIT and “Signals and Systems offered by IIT Bombay. Roshima T.V and Soumya C also did mooc course on Principles of Electric Circuits conducted by Tsinghua University.



- Assistant professors: Akhil A Balakrishnan completed the MOOC course on “Introduction to C++ organized by Microsoft. Ms. Nithya K completed the MOOC courses on “Circuits and Electronics – Basic Circuit Analysis Part – 1” offered by MIT and “Principles of Electric Circuits conducted by Tsinghua University. Sreethumol M V, completed MOOC course on “Circuits and Electronics – Basic Circuit Analysis Part – 1” offered by MIT. Aathira K V completed the MOOC course on “Principles of Electric Circuits conducted by Tsinghua University.



FDP/ STTP/SEMINAR ATTENDED

1. Assistant Professors :Ms. Reshma Raj C, Ms. Soumya C, Ms. Aathira K V & Ms. Roshima T V attended a one day training programme on “Water Quality” on 02/12/2015 at JECC, organized by Department of Civil Engineering, JECC.

PAPER PRESENTATION / PUBLICATIONS

- Ms. Akhila M, S4 M.Tech PE & Mr. Ratnan P, HOD, EEE published a paper titled “Brushless DC Motor Drive with Regenerative Braking Using Adaptive Neuro Based Fuzzy Inference System” in the proceedings of international conference on Electrical, Electronics and Optimization Techniques (ICEEOT) 2016 with IEEE at DMJ College of Engineering, Chennai on 3rd to 5th March 2016.
- Mr. Paul Davis, S4 M.Tech PE & Ms. Aathira K V, AP, EEE published a paper titled “Transformer less DICO DC – DC Converter for EV's in the proceedings of international conference on Electrical, Electronics and Optimization Techniques (ICEEOT) 2016 with IEEE at DMJ College of Engineering, Chennai on 3rd to 5th March 2016.
- Ms. Rashma Davis, S4 M.Tech PE & Ms. Aathira K V, AP, EEE published a paper titled “Developed Non-isolated High Step-up Converter with Low Voltage Stress” in the proceedings of international conference on Electrical, Electronics and Optimization Techniques (ICEEOT) 2016 with IEEE at DMJ College of Engineering, Chennai on 3rd to 5th March 2016.
- Ms. Josie Baby, S4 M.Tech PE & Ms. Della David, AP, EEE published a paper titled “High Gain Single Switch Boost Converter for Sustainable Energy Application Using Switched Capacitor And Coupled Inductor” in the proceedings of international conference

on Electrical, Electronics and Optimization Techniques (ICEEOT) 2016 with IEEE at DMJ College of Engineering, Chennai on 3rd to 5th March 2016.

- Ms. Emilin Thomas Kangappadan S4 M.Tech PE & Ms. Della David, AP, EEE published a paper titled “Interleaved Buck Converter with Continuous Supply Current Using OCC Technique” in the proceedings of international conference on Electrical, Electronics and Optimization Techniques (ICEEOT) 2016 with IEEE at DMJ College of Engineering, Chennai on 3rd to 5th March 2016.
- Ms. Divya Vincent, S4 M.Tech PE & Mr. Kapildas K S, AP, EEE published a paper titled “Double Integrated Buck Offline Power Supply for Solid- State Lighting Applications” in the proceedings of international conference on Electrical, Electronics and Optimization Techniques (ICEEOT) 2016 with IEEE at DMJ College of Engineering, Chennai on 3rd to 5th March 2016.
- Ms. Reshma T M, S4 M.Tech PE & Ms. Renjini G, AP, EEE published a paper titled “PWM control of soft-switched single switch Isolated DC-DC Converter” in the proceedings of international conference on Electrical, Electronics and Optimization Techniques (ICEEOT) 2016 with IEEE at DMJ College of Engineering, Chennai on 3rd to 5th March 2016.
- Ms. Reshma K R, S4 M.Tech PE & Ms. Renjini G, AP, EEE published a paper titled “Soft Switching Sepic Boost Converter With High Voltage Gain” in the proceedings of international conference on Electrical, Electronics and Optimization Techniques (ICEEOT) 2016 with IEEE at DMJ College of Engineering, Chennai on 3rd to 5th March 2016.
- Ms. Neethu P Gopal, S4 M.Tech PE & Ms. Saritha P, AP, EEE published a paper titled “Closed Loop Control of High Conversion Ratio Isolated Bidirectional DC to DC Converter” in the proceedings of international conference on Electrical, Electronics and Optimization Techniques (ICEEOT) 2016 with IEEE at DMJ College of Engineering, Chennai on 3rd to 5th March 2016.
- Ms. Neethu John, S4 M.Tech PE & Ms. Saritha P, AP, EEE published a paper titled “Non Isolated DC-DC Converter Using One Cycle Control” in IEEE sponsored 3rd International Conference on Innovations in Information, Embedded and Communication Systems (ICIIECS'16) held on 17th & 18th March 2016 organized by Department of Electronics and Communication Engineering, Karpagam College of Engineering, Coimbatore.
- Ms. Chippy George M, S4 M.Tech PE & Ms. Reshma Raj C, AP, EEE published a paper titled “A review on PFC CUK Converter Fed BLDC Motor Drive Using Artificial Neural Network ” in the proceedings of international conference on Electrical, Electronics and Optimization Techniques (ICEEOT) 2016 with IEEE at DMJ College of Engineering, Chennai on 3rd to 5th March 2016.
- Ms. Divya Venugopalan, S4 M.Tech PE & Ms. Reshma Raj C, AP, EEE published a paper titled “Integrated Dual Output Buck Boost Converter for Industrial Application” in the proceedings of international conference on Electrical, Electronics and Optimization Techniques (ICEEOT) 2016 with IEEE at DMJ College of Engineering, Chennai on 3rd to 5th March 2016.
- Mr. Justin John S4 M.Tech PE & Mr. Jenson Jose, AP, EEE published a paper titled “A New Three Phase Step up Multilevel Inverter Topology for Renewable Energy Applications” in the proceedings of international conference on Electrical, Electronics and Optimization Techniques (ICEEOT) 2016 with IEEE at DMJ College of Engineering, Chennai on 3rd to 5th March 2016.
- Ms. Liji K K, M.Tech PE & Ms. Soumya C, AP, EEE has presented a

paper entitled titled “Ripple Current Reduction Technique of DC to DC Converter with One Cycle Control in IEEE sponsored 3rd International Conference on Innovations in Information, Embedded and Communication Systems (ICIIECS'16) held on 17th & 18th March 2016 organized by Department of Electronics and Communication Engineering, Karpagam College of Engineering, Coimbatore.

- Ms. Sangeetha K S4 M.Tech PE & Mr. Akhil A Balakrishnan, AP, EEE published a paper titled “The Closed Loop Control of A Switched Coupled Inductor DC-DC Step-Up Converter By Using a Voltage Lift Network for Micro Source Applications” in the proceedings of international conference on Electrical, Electronics and Optimization Techniques (ICEEOT) 2016 with IEEE at DMJ College of Engineering, Chennai on 3rd to 5th March 2016.
- Ms. Mariya T Kuriakose S4 M.Tech PE & Ms. Aswathy Rajan, AP, EEE published a paper titled “Closed loop Control of ZCS Interleaved High Step Up Converter for Sustainable Energy Applications” in the proceedings of international conference on Electrical, Electronics and Optimization Techniques (ICEEOT) 2016 with IEEE at DMJ College of Engineering, Chennai on 3rd to 5th March 2016.
- Ms. Sonima Gabriel C G S4 M.Tech PE & Ms. Roshima T V, AP, EEE presented & published a paper titled “Closed Loop Control of A Improved Dual Switch Converter with Passive Lossless Clamping for High Step-Up Voltage Gain” in the proceedings of international conference on Electrical, Electronics and Optimization Techniques (ICEEOT) 2016 with IEEE at DMJ College of Engineering, Chennai on 3rd to 5th March 2016.

JOURNALS

- Ms. Akhila M, S4 M.Tech PE & Mr. Ratnan P, HOD, EEE published a paper titled “Analysis of Regenerative Braking in Brushless DC Motor Drive using Adaptive Neuro based Fuzzy Inference System” in the International Journal of Science & Research (IJSR) December 2015.
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- Ms. Josie Baby, S4 M.Tech PE & Ms. Della David, AP, EEE published a paper titled “Closed Loop Control of DC/DC Converter Based on Coupled Inductor and Switched Capacitor” in the International Journal of Science & Research (IJSR) December 2015.
- Ms. Josie Baby, S4 M.Tech PE & Ms. Della David, AP, EEE published a paper titled “Closed Loop Control of DC/DC Converter Based on Coupled Inductor and Switched Capacitor” in the International Research Journal of Engineering & Technology (IRJET) December 2015.
- Ms. Emilin Thomas Kangappadan S4 M.Tech PE & Ms. Della David, AP, EEE published a paper titled “One - Cycle Control of Interleaved Buck Converter with Improved Step - Down Conversion Ratio” in the International Journal of Science & Research (IJSR) December 2015.
- Ms. Emilin Thomas Kangappadan S4 M.Tech PE & Ms. Della David, AP, EEE published a paper “One - Cycle Control of Interleaved Buck

Converter with Improved Step - Down Conversion Ratio" in the International Research Journal of Engineering & Technology (IRJET) December 2015.

- Ms. Reshma T M, S4 M.Tech PE & Ms. Renjini G, AP, EEE published a paper titled "Voltage Mode Control of soft switched single switch isolated DC-DC Converter" in the International Research Journal of Engineering & Technology (IRJET) December 2015.
- Ms. Reshma K R, S4 M.Tech PE & Ms. Renjini G, AP, EEE published a paper titled "One Cycle Control of High Gain Boost Converter with Coupled Inductor and Charge Pump Capacitor" in the International Journal of Engineering Research & Technology (IJERT) November 2015.
- Ms. Reshma K R, S4 M.Tech PE & Ms. Renjini G, AP, EEE published a paper titled "Closed Loop Control of High Gain Sepic Boost Converter With Coupled Inductor and Charge Pump Capacitor" in the International Journal of Science & Research (IJSR) December 2015
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- Ms. Chippy George M, S4 M.Tech PE & Ms. Reshma Raj C, AP, EEE published a paper titled "A PFC CUK Converter Fed Bldc Motor Using Artificial Neural Network" in the International Journal of Engineering Research & Technology (IJERT) November 2015.
- Ms. Divya Venugopalan, S4 M.Tech PE & Ms. Reshma Raj C, AP, EEE published a paper titled "Integrated Dual Output Buck Boost Converter For Industrial Application" in the International Research Journal of Engineering & Technology (IRJET) November 2015.
- Ms. Liji K K, M.Tech PE & Ms. Soumya C, AP, EEE has presented a paper titled entitled "Ripple Current Reduction Technique Of Dc To Dc Converter Using Tapped Inductor" in International Journal of Latest Research in Engineering and Technology(IJLRET) January 2016.
- Ms. Mariya T Kuriakose S4 M.Tech PE Ms.Aswathy Rajan, AP, EEE published a paper titled "Closed loop control of ZCS interleaved boost converter" in the International Journal of Science & Research (IJSR) January 2016.

Department of Electrical and Electronics Engineering

STAFF ACTIVITIES

PAPER PUBLICATIONS

- Ms. Sindhu S. published a paper titled "An Exponential Composition Algorithm Based UPQC for Power Quality Enhancement." in Elsevier, Procedia Technology 21 (2015): 415-422.
- Ms. Sindhu S published a paper titled "Design and simulation of an improved algorithm for three phase shunt active filter" in the International Journal of Applied Engineering Research,10(2015): 844-849

- Ms. Sindhu S published a paper titled "Power Quality Compensation for an Induction Motor Drive with UPQC" in the International Journal of Applied Engineering Research,20(2015): 15227-15231



Ms. Sindhu S

TECHNICAL TALKS AND WORKSHOPS

- Mr. Sreekanth M, Assistant Professor, conducted a workshop on "Robotics" in a session organized by the Entrepreneur Development Cell, JECC, on 21/01/16.
- Mr. Sreekanth M, Assistant Professor, handled a session on "Smart Materials and Structures" in the two day Faculty Development Programme on "Robotics & Industrial Automation" organized by ME Dept, JECC on 10/02/16 & 11/02/16
- Mr. Sreekanth M, Assistant Professor, gave a talk on "Robotics" at Government College of Engineering Thalassery on 11/03/2016.



Mr. Sreekanth M

SEMINARS / WORKSHOPS

- Mr. Dipin Krishnnan R attended a one day ASAP workshop at ASAP centre, Vazhuthakad TVM on 23/11/15.
- Mr. Abraham P A attended a five day Faculty Development Programme on "Signal Processing for Bio medical Applications" at MES college of Engineering Kuttipuram from 16/11/15-20/11/15.
- Ms. Bindhu K Rajan attended a three day faculty development programme on "Computational Electromagnetics" at the Cochin University of Science and Technology, Thrikkakara, from 07/12/2015 to 09/12/2015
- Ms. Shiny M I attended a two day seminar on "Materials, Process and Devices for flexible electronics", held at PSG Institute of Advanced Studies, Coimbatore, on 14/12/15 & 15/12/15.
- Mr. Ponmani Raja M. attended a two day National Level Workshop on "Embedded Systems and its applications" organized in association with Vi-Microsystems Pvt. Ltd. Chennai at Ramco Institute of Technology, Rajapalayam, from 21/12/2015 to 22/12/2015.

PAPER PRESENTATIONS & PUBLICATIONS BY STUDENTS

The following students published papers in the Journal "ICIECS'16" and presented the same at Karpagam College of Engineering, COIMBATORE.

- Giejo Tony K., Fiya Francis C, Abilash Nair and Melvi C V: paper titled "Smart Electronics Guiding Stick".
- Anu Mariya C.J., Athira K.Veeramani, Gilta Babu, Prince Davis and Reshma Rajan K.: paper titled "CASE STUDY OF LOW POWER FLIPFLOP"
- Anu Antony, Ignesh Tom, Jaas Thomas, Kevin Joe Anthikkat and Lincy Vincent: paper titled "IMPLEMENTATION OF FLOATING POINT ALU IN FPGA"
- Edwin Andrews, Venugopal K, Arjun K, Anjali V S, Devika Mohan and Shiny M I: paper titled "A CASE STUDY ON HUMAN COMPUTER INTERACTION THROUGH VIRTUAL MOUSE".
- Ambily Francis, Fathima Thasneem M, Ashwathi Chandrasekharan, Anuj K, Aswin Baby and Vishnu K: paper titled : "BRAIN WAVE CONTROLLED SYSTEM FOR PARALYSED PATIENTS".

- Alice K Paul, Alex Jose C, Anu P .S, Nidhiya Jose A and Riji Paul C : : papertitled "SIGN LANGUAGE TRANSLATOR"

Other papers published in ICCPCT16 and presented at NOORUL ISLAM UNIVERSITY, KUMARACOIL, KANYAKUMARI DIST, include the following students:

- Alex Kangappaden, Angila Rose Daniel, Peeyusha V .P, Sneha P, Vishnudas A. M, and Ponmani Raja: paper titled "Comparison between slm-companding, precoding-companding techniques in of dm system".
- Bindhu K. Rajan, Anjali K U, Athiramol K Thampi, Athira Vijayaraman, Franiya Francis M, Jeffy James N: paper titled "Real-time nonintrusive monitoring and detection of eye blinking in view of accident prevention due to drowsiness"
- Abin Johns raju, Deepak S, Sneha A, Sowmiya Devi V R, Sunitha V S, Suraja P Joy: paper titled "a novel security enabled speed monitoring system for two wheelers using wireless technology".
- The paper titled "A smart way for home automation and security using raspberry pi as microcontroller" by Lakshmi K K, Liji K J was accepted for publication in the International Journal of Engineering Trends & Technology (IJETT), January 2016.
- Mr. Abdul Hafis A. Jaleel, Ms. Gloria Devassy, Mr. Melvin C. Vincent, Mr. Rinto Raphael and Ms. Sreechithra C. M. under the guidance of Ms. Neethu Rose Thomas, AP, ECE, presented a paper entitled ' Power Management System in Vessel' in IEEE sponsored 3rd International Conference on Innovations in Information, Embedded and Communication Systems ICIECS'16 held on 17th and 18th March 2016 organized by Department of ECE, Karpagam College of Engineering, Coimbatore.
- Ms. Anitta Anna Syriac, Mr. Azim Mohammed Rafeeq, Ms. Haritha K. , Mr. Jiffymon Tomy and Mr. Tince Thomas under the guidance of Ms. Roshni Rajan, AP, ECE, presented a paper entitled ' Industrial Purpose Robot' in IEEE sponsored 3rd International Conference on Innovations in Information, Embedded and Communication Systems ICIECS'16 held on 17th and 18th March 2016 organized by Department of ECE, Karpagam College of Engineering, Coimbatore.
- Mr. Abin Anto, Mr. Fredy Raju N., Mr. Savio Pauly and Mr. Yadhu Krishna C. U. under the guidance of Ms. Nyni K. A., AP, ECE, presented a paper entitled ' Automation of U300 Oxygen Preheater' in IEEE sponsored 3rd International Conference on Innovations in Information, Embedded and Communication Systems ICIECS'16 held on 17th and 18th March 2016 organized by Department of ECE, Karpagam College of Engineering, Coimbatore.
- Mr. Areej Sidhik, Mr. Emil Varghese, Mr. Jestin Jose and Mr. Jostin K. Johnny under the guidance of Mr. Ponmani Raja, AP, ECE, presented a paper entitled ' Human Detection Robot' in 2nd International Conference on Electrical, Electronics & Computer Engineering ICEECE- 2016 on 22nd & 23rd March 2016 organized by Department of Electrical & Electronics Engg. and Department of CSE, Vivekanandha College of Engg. for Women, Namakkal, Tamil Nadu
- Mr. Deepak Mathew, Mr. Franklin Jisno Jose, Mr. Gerald K. Dominic, Mr. Sojo P. Jose and Mr. Vijesh K. P. under the guidance of Mr. Jinesh K. J., AP, ECE, presented a paper entitled ' Tyre Pressure Monitoring System' in 2nd International Conference on Electrical, Electronics & Computer Engineering ICEECE- 2016 on 22nd & 23rd

March 2016 organized by Department of Electrical & Electronics Engg. and Department of CSE, Vivekanandha College of Engg. for Women, Namakkal, Tamil Nadu

STUDENTS ACHIEVEMENTS IN EXTERNAL EVENTS



Ms. Reshma Rajan and Ms. Melvi C V of S8-ECE got the 1st prize of Rs 3000/- in Circuitronix event organized by EEE Dept. as part of Tharang '16 held on 19/02/16 & 20/02/16



Mr. Vijesh K. P. of 2012-2016 AEI Batch was qualified in the GATE 2016 Examination.



Lakshmi K K



Liji K J



Minu Vincent



Namitha C Anto



Navajoth P R

The project work titled "Home Automation and Security System" by Ms. Lakshmi K K, Ms. Liji K J, Ms. Minu Vincent, Ms. Namitha C Anto and Mr. Navajoth P R of S8 - ECE won the 3rd Prize in the Project Expo event in CASTALIA '16 Techfest Organized by ISTE, IE(I) and IETE – VAST Students Chapters at Vidya Academy of Science and Technology (VAST), Thalakkottukara, Thrissur on 08/04/2016.



Mr. Amal Thomas of S6 ECE-A got the Special Summary Vision 2016- Campus Ambassador Award, in Thalappilly Thaluk, awarded by Govt of Kerala.



Mr. Athul C N of S6 EC A completed MOOC course on "Introduction to Steel".



Mr. Josy Joseph of S6 EC A secured first prize for innovative idea presentation in Startup i3 Competition sponsored by Kerala Start up Mission, held at Cochin University of Science & Technology, Muvattupuzha.

- 41 Students of S3 EC A participated in three days residential training programme on Soft Skill Talent development from 10/12/15 - 12/12/15 at St. Marthoma Church Centre, Azheekode.

STUDENTS' INTERNSHIP PROGRAMMES

- The following students of S6 ECE completed a 5 day short term internship programme "Implant Training on Electronics and Communication Engineering" at Keltron Controls, Aroor, Alappuzha from 24/11/15 to 28/11/15.

Anagha S, Anitha P, Aswathy Anil, Aswathy Krishna, Gopika Unnikrishnan, Jasna T, Jithin C G, Josy Joseph, Juliya Sunny, V S Anjali

Department of Mechanical Engineering

DEPARTMENTAL ACTIVITIES

- SAEINDIA Collegiate club officially inaugurated by Dr. S.Karunanidhi Scientist 'G' and Director, Control Systems Laboratory, Research Centre Imarat (RCI), DRDO,Hyderabad on 22-01-2016.
- AMES in association with SAEINDIA Collegiate club organized an expert talk on "Mechatronic Systems" by Dr. S. Karunanidhi Scientist 'G' and Director, Control Systems Laboratory, Research Centre Imarat (RCI), DRDO,Hyderabad on 22-01-2016.



- A faculty development program organized by Department of Mechanical engineering in association with SAEINDIA on "Robotics and Industrial Automation" held during 10th to 11th February 2016. Following Resource persons handling various sessions, Dr. A.P Sudheer, Assistant Professor, NIT Calicut. Mr.P.Suresh, Senior Research Fellow, IIT Madras & Former Div.Manager TATA Motors. Mr.Sreekanth M, Research Fellow NIT Calicut. Mr.Jobin Varghese, Research Fellow NIT Calicut. Participates also visited various Research Laboratories.



- AMES in association with SAEINDIA Collegiate club and IE(I) student chapter organized an expert talk on "Vidya Science of happiness" by Dr. S. Karunanidhi Scientist 'G' and Director, Control Systems Laboratory, Research Centre Imarat (RCI), DRDO,Hyderabad on 26-02-2016.

- Department of Mechanical Engineering (AMES) in association with SAEINDIA Collegiate club initiated (30 hour training) Add on Course on "Sheet Metal Design Using SOLIDWORKS" by Mr.Lippin Pauly and Mr.Christy V Vazhappilly for Mechanical Engineering students from 16-03-2016.

STAFF ACHIEVEMENTS

- Mr.Lippin Pauly, Mr.Christy V Vazhappilly and Mr.Melvinraj C R published a research paper titled "Numerical simulation for solar hybrid photovoltaic thermal air collector".It was earlier presented at the international conference (ICETEST), in Elsevier Procedia Technology 2016.



- Mr.Suneeth Sukumaran.and five students of S8ME-B (Vipindas,Nidhin M J,Midhun Unnikrishnan,Nygin Jose,Rishikesh P) published their Mini Project as a research paper titled "Fabrication and Analysis of solar powered air cooler" in International Journal of Engineering and Science (IJES), Vol.05, Issue 01, April 2016
- Sukesh O.P, Edwin Chalissery, Balakrishnan C.R, Edwin Joy Pulikkottil, Adersh R, Abi Daison and Elias K Elias Presented a Paper titled "Design And Fabrication Of Reverse Gear Mechanism In Two Wheeler For Handicapped People" at the National Conference on Innovative Innovative Developments In Engineering & Advanced Science Developments In Engineering & Advanced Science , March 30-31, UKF College Of Engineering & Technology, Kollam.
- Arun raj A, Colin Varghese, David Babu, Delwin Kuriyakose, Harikrishnan.A.S, and Irshad M presented paper titled "Four wheel steered multi-utility vehicles-Review" at National Conference on Innovative Innovative Developments In Engineering & Advanced Science developments in Engineering & Advanced Science, March 30-31, UKF College Of Engineering & Technology, Kollam
- Mr.Sreejith K., T. R. Sreesastha Ram (APME) and five students of S8ME-B (Mossas V.J., Nidhin M.J., Nithil E.S., Sushmitha S. and Vaishag P.) published their Main Project as a research paper titled "Experimental Investigation Of Waste Heat Recovery System For Household Refrigerator" in the International Journal of Engineering and Science (IJES), Vol.06, Issue 04, April 2016.

STUDENTS ACHIEVEMENTS



Sushmitha

Vipin Das

- Ms. Sushmitha S. of S8ME-B, awarded the "Best Outgoing Student" of Mechanical Engineering Batch during the Academic Year 2015-2016.

- Ms. Sushmitha S. of S8ME-B, won the “Academic Excellence Award” for scoring 9.36 SGPA in the Fifth Semester B.Tech Examination of University of Calicut held in December 2014.
- Ms. Sushmitha S. of S8ME-B, won the “Academic Excellence Award” for scoring 9.63 SGPA in the Sixth Semester B.Tech Examination of University of Calicut held in May 2015.
- Ms. Sushmitha S. of S8ME-B won the “Certificate of Proficiency” for securing first place in the Fifth Semester B.Tech Examination of University of Calicut held in December 2014.
- Ms. Sushmitha S. of S8ME-B won the “Certificate of Proficiency” for securing first place in the Sixth Semester B.Tech Examination of University of Calicut held in May 2015.
- Ms. Sushmitha S. of S8ME-B won the “Sunny Diamonds Excellence Award” for being selected the best all-rounder for the Academic Year 2015-2016.
- Ms. Sushmitha S. & Mr. Vipin Das of S8ME-B, awarded the “Best Student in Mathematics” in the Academic Year 2015-2016.
- Mr. Vipin Das of S8 ME-B qualified Graduate Aptitude Test in Engineering for scoring 360 in the examination held in February 2016.



- Krishnadas M, Kiran B Chirayath, Joel J Manjaly, Joemon Benny, Joseph Anto students of S8 ME B won the second prize in SRISHTI Project expo conducted at Jyothi Engineering College.
- Krishnadas M, Kiran B Chirayath, Joel J Manjaly, Joemon Benny, Joseph Anto students of S8 ME B got best start up project award by federal bank.
- Krishnadas M, Kiran B Chirayath, Joel J Manjaly, Joemon Benny, Joseph Anto students of S8 ME B got first prize in project expo conducted by FISAT Karukkutty.
- Krishnadas M, Kiran B Chirayath, Joel J Manjaly, Joemon Benny, Joseph Anto students of S8 ME B got best promising start up award conducted by TKM college of Engineering, Kollam.



- Rahul M student of S4 ME B won first prize in 200m, 400m race and third prize in 100m race. Also won a title of individual champion of sports day 2016 in sports day conducted at Jyothi engineering college.
- Varun Menon student of S6 ME B Won first prize in techathelon by ICT ACADEMY and UST global at technopark Trivandrum
- Vishnu Krishnan & Vishnu M Won first prize in startup I3 by Kerala startup mission at CIST, Moovattupuzha

College News contd. from Pg. 1

Once again Jyothi was the centre for the Gate 2016 Examination. Which commence on 30/1/2016 and went on for four days. Arrangements were made to accommodate about 1500 participants in batches of 180 each. This is a regular annual feature. Other Examinations like Railway recruitment, SBI and other bank recruitments, ESI recruitment and so on are held at the Jyothi Computer Centre.



The NSS Unit of the college the Jyothi Team worked hard to achieve the Best Unit in National Voters Day Promotion campaign on 16/2/2016. The certificate was received by both the Principal Dr. K.K Babu & Manager Msgr. Thomas Kakkassery from the Deputy Tahsildar, Thalappilly Thaluk, Thrissur



On 17th Feb 2016 the Blood Donation Forum of Jyothi Engineering College in association with Jubilee Mission Medical College, Organized a Blood Donation Camp in Campus.



Techfest “Tharang 16” was inaugurated by Dr. P.P Balan, Director KILA ON 19th Feb 2016. It was conducted for 2 days including 20th Feb 2016. This is a festival Exhibiting Technical creativity and cultural splendor. Participants came from colleges all over the state.

Components worth Rs.45260/- were used from the IEDC Bootcamp fund to set up a IoT Lab in our Campus. The components were procured by Kerala Startup Mission & we plan to setup the IoT lab in the Startup Center in the jyothi campus. *our IEDC was selected as one among 25 colleges to get a performance based incentive of Rs. 1,00,000/- from the Kerala Start-up Mission.*



National Science day was inaugurated by Dr. M Kailasanath International School of Photonics, CUSAT ON 29th Feb 2016

Tha College Union day was inaugurated by Mr. Ratheesh Vega, Music Composer on 5th March 2016



The Business English for Cambridge, Training and Examination Centre in Jyothi Engineering College was inaugurated by Mr. Dileep Nair Consultant Cambridge English on 14th March 2016.



"Tharunyam" Arts Festival was a colourful event which was aptly inaugurated by Kalamandalam Rajashekharan, the former Principal of Kerala Kalamandalam on 18th March 2016.



Srishti 16, a national level project exhibition and competition in association with tharang 16 was held in jyothis engineering college for the fourth time on 19th march 2016. 110 abstracts were received from B.tech students all over india. 25 from the circuit section, and 23 from the non circuit section were selected.

The official program was inaugurated by Fr.Roy Joseph Vadakkan Asst. Manager, Academic & Administration, Jyothi Engineering college at 10.30 am. A special award for Innovative Student Project was sponsored by IEDC –JECC was distributed by Athif, a fellow from Kerala Startup Mission.

Among the various projects exhibited ,prizes were given to separately in circuit as well as non-circuit section. In the circuit section, SMART AID FOR AUTISTIC CARE from Sahrdaya college of engineering and Smart Home Automation and Energy Management System using Cloud Computing (TapMyHome) from Karunya University won the first and second prizes respectively .In the non-circuit A NOVEL VENTURE TOWARDS TREATMENT OF OIL WASTE FROM AYURVEDIC INDUSRTY USING BIOSURFACTANTS from Sahrdaya college of engineering and Low cut-in Velocity Wind Machine from Jyothi Engineering College won the first prize of Rs.15,000 and second prize of Rs.10,000 respectively. A special award for Innovative Student Project was given to **LAND_LINE_MOBILE from IES Engineering College who won a cash prize of Rs.5000.** All the participants were provided with participation certificate and each project was given a consolation prize of Rs 2000.



Dr. K.K Babu Principal Jyothi Engineering College flagged off the annual sports day on 19th March 2016 .On the same day Vibavana a paper presentation contest was conducted .



World Water day was celebrated at Jyothi Engineering College on 22/03/2016 .The programme was organized by the ISTE and IEI (Mechanical and Civil Engineering) of JECC chapter. Around 100 students participated from ISTE and IE(I)in the programme. Ms.Anitha Anil student representative of the ISTE welcomed the gathering. Fr.Joju Chiriyankandath, Finance Manager of JECC gave the presidential address.

Dr. Latha Anantha, Director of River Research Center gave an idea to the students about prevalent water scarcity and the opportunities for the engineers in the field of water. ISTE staff coordinator Ms.Saritha.P AP/EEE department, IE(I) staff coordinators Ms.Fousiya AP/CSE department and Mr.Nikhil NS AP/ME department were also present during the function.

College Day was celebrated in grand style on 2nd April 2016.It showcased the abundance of talent the students of Jyothi had within them.The function was inaugurated by Ms. Merin Joseph IPS (ASP Munnar).



College Day was celebrated in grand style on 2nd April 2016.It showcased the abundance of talent the students of Jyothi had within them.The function was inaugurated by Ms. Merin Joseph IPS (ASP Munnar).

- **January '16:**
- Two days of aptitude training for all interested S8 students(across all branches) was conducted by ICT Academy. 32 students attended the training.
- Professors from IMT Ghaziabad conducted a session on "Group Discussion and Personal Interviews" for interested S6 and S7 students. 46 students attended the session.

February '16

- Train the Trainer Session on "Developing Employability Skills for Students" was conducted by Prof. Joseph Joshy, Director - Startups & Placements for 13 staff members of JECC.

March '16

- A session on "Industry Expectations from Freshers for Core Engineering" was conducted by Mr.Venkatesh, Senior Manager, Ashok Leyland for interested S6 Mechanical students. A total of 51 students attended the session.

April '16

- "Communication Workshop" S6 students was conducted by Mr. Arun from Infosys. A total of 132 students participated in the workshop.
- A total of 93 job offers have been secured by our final year students till date. Results from a few companies are awaited. The following students have been placed **Civil Department proudly presents the following students of Final year who are placed through Campus recruitment process.**

Students placed in the industry

ITC Infotech Bangalore IBS Trivandrum SLK Software Bangalore



Dalwin CD Minara P Anto Tessa Jose Gayathri P Anup Nair Athira S

Spatex, Bangalore Thrissur



Leenat Chacko David Mathew Gayathri P Krishna Prasad K K Nivya Johny Paulsy Tharakan

Eureka Forbes



Ligi K J Fathima Thasneem Navajoth P R Justin Paul Betson Antony

Infosys, Bangalore



Radwin Raphael Archana C D Dalwin CD Minara P Anto Reshma Raveendran



Tessa Jose Thasviya Haroon Suraja P Joy Venugopal K Vishnu K



Nimisha Muraleedharan Sreelakshmi Punnappuzha Milbin Milton Rakesh K Ajis C Shaju



Arun M K Bittu Baby Joel J Manjaly Karthik R Krishnadas M



Martin K Vincent Matsen Mathew Nidhin Joy Prasobh T P Ramanathan R

Infosys, Bangalore



Sharukh K Sushmitha S Vipin Das Aparna U R Maria Thalakkottur Kuriyakose

Aztec Solutions



Emilin Thomas Kangappadan Karishma P.G Gayathry C.S Aiswarya Muralidhran Ashwathi Chandrashekar

Poornam Infovision



Ladlie Dias Vishnu K Anup Nair Arun K Arun M K

CSS Corp Chennai

UNFCF, Oman



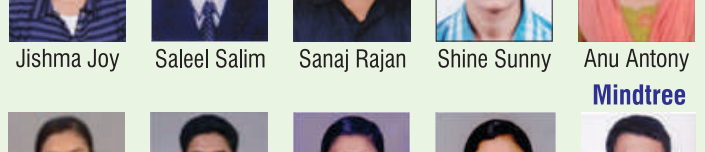
Charles Jacob Jomon Benny Ameera V U Hemath M .S Indrajit C S



Jishma Joy Saleel Salim Sanaj Rajan Shine Sunny Anu Antony



Devika Mohan S Joe Abraham Tessa Jose Seethal S Geo Papachan



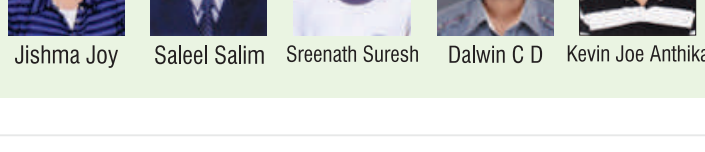
Jishma Joy Saleel Salim Sreenath Suresh Dalwin C D Kevin Joe Anthika



Jishma Joy Saleel Salim Sreenath Suresh Dalwin C D Kevin Joe Anthika



Jishma Joy Saleel Salim Sreenath Suresh Dalwin C D Kevin Joe Anthika



Jishma Joy Saleel Salim Sreenath Suresh Dalwin C D Kevin Joe Anthika



M Abhilash Nair



Pazhunkaran Sneha



Anmol Varghese



Anmol Tony



Harisree Sudharsan

Start UPS –DECIFI Tech LLP(Co-Founders)



Ladlie Dias



Shincy Anto



Livin Mathew



Joe Abraham



Mahesh M P



Indrajith P S



Geo Papachan P



Rahul Venu T



Alex Jose C



Edwin Andrews



Rejoice Wilson E

EDC News



A Workshop was conducted by the IEDC on “Robotics” on 21st January 2016. Mr. Sreekanth Asst. Prof., ECE dept, Jyothi Engineering College was the resource person. The workshop mainly focused on different types of Robots & its relevance. Certificates for the participants were distributed by the IEDC club members.



A two day Workshop was conducted by the IEDC “Data analytics with R programming” on 4th and 5th February 2016. Mr. Sreekanth knowledge officer, ICT academy was the resource person. The 1st day of the workshop mainly concentrated on the R programming, an upcoming data analytic tool. And the next day 'R studio' was introduced to the students. The class was very interactive. On second day there was a live execution of an example a “survey analysis”. Everyone who participated the workshop got a login id for the paathshala.com. Certificates for the participants were also distributed by the IEDC club members.



A workshop on Entrepreneurship awareness was conducted on 11/03/16 at the Insight Hall in our campus. The resource person Mr. Sivan Ambattu represented Entrepreneurship Development Institute of India. The EDII in partnership with KSUM (Kerala Startup Mission) conducted the program. The morning session of the workshop began with a talk on Entrepreneurship and its general concepts. A detailed discussion about, how to start a SSI unit, General concept about the Govt. formalities, rules & regulation, location, and different aspect of an industrial venture followed. At the end of the session an awareness was given to the students about creativity, business, the man behind the venture, the behavioural scientist's approaches and so on.



The IEDC of Jyothi Engineering College conducted a two day Faculty Development Programme on “IoT workshop” for the Jyothi faculty in association with ISTE on 22/04/2016 and 23/04/2016. The session was handled by Akshai M, Engineer and

Trainer at MIT (Massachusetts Institute of Technology) Fab Lab Kerala, an initiative under Center for Bits and Atoms, MIT Media Labs Boston and Govt. of Kerala. He was accompanied by Abilash, Kerala Startup Mission Fellow. The first day of the session mainly provided a hands-on session in the VLSI laboratory on the topics Arduino Microcontroller & simple interfacing examples and the second day on the topic Raspberry pi with its application examples.



On 2nd April 2016 the ASAP, Additional Skill Acquisition Programme which is a joint initiative of the General Education Department and the Higher Education Department, Government Of Kerala: started the first batch of skill education for

Jyothians. The program was the “The Assistant. Electrician's course” which would offer an additional training and skill for the students along with their B-Tech Degree.

ONLINE SYSTEM FOR PAYING FEES

- Apart from the existing e-fee system, the Fed-net facility of Federal Bank is available to pay your tuition fee, hostel fee and so on. This facility is available from January 2016. There is also the “Easy Payment System” for use. This Link is available on the Jyothi Engineering College Website. It helps you to pay the college fees without going to the bank. Just use the net banking facility/ATM card of any bank to transfer fund. There is no charge for this transaction through “FED-NET.” Other banks might levy a small fee.
- From this year onwards you can download the application form from the college website and also pay the application fee online