



Chairman's Message



Creating technology through science is the ultimate stratum of all engineering endeavors. To establish parity with reality, one must appreciate the fact that engineering genuinely encompasses almost all specializations, be it mechanical, electrical, electronics, information technology, robotics, biotechnology and so on. As we lift our hearts in gratitude for our past accomplishments, in faith and in trust, we also raise our hearts in asking the spirit to guide us as we get along the journey of life. The work and achievements of the students and faculty are duly encouraged, recognised and appreciated in our institution. I am happy to know that this time too Sahrdaya College of Engineering and Technology still continues its legacy of meritorious and co-curricular achievements of its staff and students. The techfest conducted during the odd semester of 2014 is one unique programme of its kind which received wide appreciation. As I look ahead, I can visualize that the college will grow in pursuit of higher standards of teaching, research, and play a significant role in shaping the future of the country. My blessings and good wishes will always be with the college. May God give strength to continue to see this college flourishing.


Mar Pauly Kannokadan
Bishop of Irinjalakuda Diocese

- ❖ The 3rd semester parents meet was conducted with an Awareness talk on "Ragging" by Adv. Jain Xavy on the 25th of July.
- ❖ The first year Class of 2014 batch was inaugurated by Msgr. Sebastian Maliakkal, Manager, on 30th of July. Mr. George Kutty Augusty addressed the parents and students on the same day. Two weeks of Bridge course was given to the first year students by various professionals and industrial trainers.
- ❖ The 5th semester parents meet was conducted with an Awareness talk on "Ragging" by Adv. Sumesh K. R. on the 2nd of August.
- ❖ The Student's Council celebrated Independence Day involving many competitions and programs- Debates, Poster making, Quiz, Patriotic song and cultural show on the 14th of August.
- ❖ TIME conducted an aptitude test for the 5th semester students on 22nd of August.
- ❖ In connection with Teachers Day celebration, students council conducted a letter writing competition "To the most Inspiring Teacher" and also sent teachers day greeting Card to the their most inspiring teachers of XI and XII standard on the 5th of September,.
- ❖ Students council celebrated Onam with lots of programs including "Onam Sadhya" on the 5th of September.
- ❖ The one-week Techfest "PALMARIUS 2014" was inaugurated on 13th October 2014. Mr. Renjeev, Vice President, Accenture, inaugurated the valedictory function and delivered valedictory speech on 17th of October. Industry Institute interaction Lectures were conducted as part of PALMARIUS 2014.



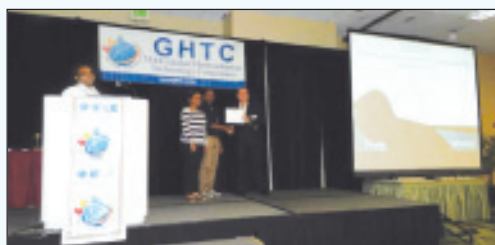
Inauguration of Palmarius



Valedictory Speech

SPECIAL EVENTS

- ❖ Keerthi S Iyyer and John Padamadan of S7 BM participated in IEEE Global Humanitarian Technology Conference which was held in San Jose, California, USA and won third prize for their project titled "Command based intensity controller for surgical lights". The other group members were Liea Jose, Marymol Pious and Shilpa Unnikrishnan and the project was guided by Ms. Remya George of BM department.



IEEE Global Humanitarian Technology

- ❖ The 8th Convocation Ceremony of Sahrdaya college (2009-2013 Batch) was held on 18th October, 2014. His Excellency Mar Pauly Kannokadan, Bishop of Irinjalakuda Diocese presided over the convocation and Dr.G.Viswanathan, Chancellor, VIT university delivered the convocation address.

SAHRDAYA NEWS & VIEWS



Convocation - 2009-'13 batch

- The Inauguration of Post Graduate hostel was held on 7th November, 2014 by *Mar Pauly Kannookadan, Bishop of Irinjalakuda Diocese.*



Inauguration of the PG Hostel

- Sahrdaya honoured Dr. Leon Ittiachan on 7th November for the award of his Ph.D degree in Bioscience and Technology from VIT university, Vellore. Ms. Keerthi S. Iyer and Mr. John J. Padamadan were also honoured for winning the third prize in Project Paper presentation in IEEE-GHTC-2014 at California-USA on the same day.



Honouring Dr. Leon Ittiachan



Dr. Leon Ittiachan



Keerthi S. Iyer



John J. Padamadan

- Sahrdaya College of engineering and technology in association with Kodakara Panchayath and Kerala State Electricity board conducted a panel discussion on Action Plan for Energy Conservation in Kodakara Panchayath on the 28th of November.



Panel discussion on Action Plan for Energy Conservation in Kodakara Panchayath

- The IDET model Entrance examination was conducted at Sahrdaya on the 20th of December.
- The staff tour was arranged to Thumboormuzhi and Ezhattumugham on the 23rd of December, 2014.



Staff Tour

UNIVERSITY RESULTS

- The 1st semester results of the 1st batch of M.Tech (2013 admission) were announced on July, 2014. The overall pass percentage in Industrial Biotechnology is 94.12 % and 94.45% in Embedded Systems. The following are the toppers in various branches.



Mrs. Sangeetha Gopal
(IBT-9.08)



Mr. Nirmal T. M.
(ES-8.58)

- The 8th semester results of the 9th batch (2010 admission) were announced on 7th July, 2014. The overall pass percentage is 98.5%. The pass percentage in various branches are as follows. BM:100%, BT:100%, EC:97%, and CS:97%. The following are the toppers in various branches.



Harsha Sebastian & Anjaly Cherian
(BM-9.36)



Caroline Rose
(BT-9.63)



Nancy Wilson
(EC-9.14)



Chandini Menon & Nimmy Rose
(CS-9.31)



- The 6th semester results of the 10th batch (2011 admission) were announced on 19th December. The overall pass percentage is 87.3 %. The pass percentage in various branches are as follows. BM: 93.33%, BT: 95%, EC: 82.4%, and CS:93%, EE :72.8%. The following are the toppers in various branches.



Farasha K. A.
(BM-9.25)



Krishnaja Saseendran
(BT-9.79)



Anet C. Augustine
(EC-8.73)



Shwetha Sashindaran
(CS-8.68)



Sruthy Thomas
(EEE-9.2)

- The 1&2 semester results of the 12th batch (2013 admission) were announced on 24th December. The overall pass percentage is 69.72%. The pass percentage in various branches is as follows. BM: 61.53%, BT: 70.84%, EC: 78.2%, and CS: 62.4%, EE – 66.67%, CE – 78.68%. The following are the toppers in various branches:



Catherine Cleetus
(BM-9.3)



Aleena Sebastian
(BT-9.01)



Neethu James
(EC-9.57)



Vidhu Valsan & Nicy Jose
(CS-8.91)



Vidya Vijayan
(EEE-8.8)



Krishna M.
(CE-8.92)

HR & PLACEMENT CELL

- ❖ EDC Club arranged an awareness session on "Startup 2020" by Mr. K. Puroshothaman, Sr. Director, Nasscom & Prof. Ajay James", Asst. Prof. in CS Dept, GEC Thrissur on 5th of July.
- ❖ Placement Cell meeting was conducted for department placement staff In-Charge and student placement coordinators of 2nd, 3rd & 4th years on 15th July.
- ❖ Sri P. Jayarajan, SP of Police, Thrissur addressed the students on "Ragging & Cyber Crime" for the 2nd, 3rd and 4th years on 19th July.
- ❖ Placement Meeting of the Governing body members was conducted to schedule the future HR & Placement Activities on 22nd July.
- ❖ Mock Aptitude Test Training by Prometis Learning Institute was conducted for the 2015 pass out eligible candidates on 2nd August.
- ❖ Nasscom conducted "Startup 2020" contest on 22nd & 23 August. Four CSE students of the 2011 batch participated in the contest.
- ❖ A resume making session was arranged for the 7th semester students by Mr. M. R. Menon, CEO & Corporate Trainer, Euro Sports on 23rd August.
- ❖ A Motivational Talk was delivered by Mr. Jyothis Mohan, IRS, Asst Commissioner of Income Tax for the 3rd semester students on 25th August.
- ❖ Infosys conducted a one day Workshop on "Android" for the 2011 batch students on 28th August. The trainer Mr. Hari shared the latest information on Android.
- ❖ Aptitude test training was conducted for three days for all the eligible candidates having a CGPA of 6.0 with no supplementary papers, on 30th August. Prometis Learning Institute trainers conducted the training on Verbal, Quantitative and Logical Reasoning.
- ❖ A Motivational Talk was delivered by Mr. Jyothis Mohan, IRS, Asst Commissioner of Income Tax for the 5th semester students On 30th August.
- ❖ A Motivational Talk was delivered by Mr. Jyothis Mohan, IRS, Asst Commissioner of Income Tax for the 7th semester students on 3rd September.
- ❖ "Train the Trainer" by Infosys was conducted in association with faculties of CSE Department and other faculties from Infosys campus connect colleges on 17th September.
- ❖ Two students from 7th semester BT were recruited to the Biotech firm 'ZifoTechnologies' on 11th October.
- ❖ Infosys pooled Campus Recruitment was conducted for 2015 pass out students on 27th October at Sahridaya. The eligibility was 6.0 CGPA with no supplementary papers. 172 students participated from Sahridaya. 42 students got selected.
- ❖ Federal Bank clerical post recruitment was conducted for the 2014 passout students of all branches on 28th October. 17 students participated and 3 students got selected.

- ❖ Postal Department conducted an awareness session on "My Stamp" and other services for the 1st and 5th semester students on 31st October.
- ❖ Experion Technologies pooled Campus Recruitment was conducted for the CSE 2015 pass out students on 5th November. 16 students with 6.5 CGPA criteria had participated. Swetha K.S of 7CSE was selected from Sahridaya.
- ❖ IBS Software Services (P) Ltd pooled Campus Recruitment was conducted on 16th December 2014 for the ECE, CSE and EEE branch students at Sahridaya and 7 students from Sahridaya were recruited.



IBS Campus Recruitment at Sahridaya

PRIZES SECURED IN PROJECT COMPETITIONS

- ❖ Project team consisting of Ms. Emilia Babu, Ms. Katrin Joseph, Ms. Steny Mary Anto, and Ms. Krishnapriya KV (2010 batch) won first prize of Rs. 20,000 in Tech top 2014. The project was guided by Mrs. Rahna K. Rathnan.
- ❖ Neeraj MG (3CS) won third prize (cash prize of Rs.3000 and certificate) in "Lord of Code", a coding competition held at Model Engineering College Thrikakkara in connection with Excel 2K14 on September 27th.
- ❖ A team consisting of Ashith Raghunath, George Ignatius and Athul Ansakumar (7CS) won first prize in Aspirations 2014 by Infosys on 30th September.
- ❖ Ashith Raghunath of 7th semester CSE won first prize in technical fest "Knowledge test in C" conducted by NIIT on 15th September.
- ❖ Stephin T. Moyalan of 7th semester CSE won third in technical fest "Knowledge test in C" conducted by NIIT on 15th September.
- ❖ 3rd semester students secured 2nd and 3rd positions in the project event conducted at Sampark Cochin as a part of Shastra, 2014, IIT Madras.

STUDENT PROJECT GRANTS

- ❖ A team consisting of Fathima Salam, Farasha KA, Sarika M Nair, Robin Rappai and Regina K (BME) under the guidance of Mr. Jis Paul received a project grant of Rs. 20,000/- from SCPD (State Commissionerate for Persons with Disabilities).
- ❖ A team consisting of Fathima Salam, Farasha KA, Sarika M Nair, Robin Rappai and Regina K (BME) under the guidance of Mr. Jis Paul received a project grant of Rs 15,000/- from KSCSTE.
- ❖ A team consisting of Jibin Jose, Meera Alex, Mith Saseendran, Rosemary James T, Anu Johnson (BME) under the guidance of Mr. Ashish Sundar received a project grant of Rs 15,000/- from KSCSTE.
- ❖ A team consisting of Muhammed Rahuf, Gishnu S Babu, Mariya Ittiachan, Hasiya Habbeeb, Pooja Prasad (BME) under the guidance of Mrs. Sony N.S received a project grant of Rs 15,000/- from KSCSTE.
- ❖ A team consisting of Anjaly Cherian, Anet Antony, Mishal Antony, Rosemary Babu and Harsha Sebastian (BME) under the guidance of Mrs. Remya George received a project grant of Rs 15,000/- from KSCSTE.

SAHRDAYA NEWS & VIEWS

- ❖ A team consisting of Feminmol Tomy, Jith John, Jishly Johny, Niya James & Vimi Varghese (BME) under the guidance of Mrs. Reshma Jose received a project grant of Rs 15,000/- from KSCSTE.
- ❖ A team consisting of Celine Thomas and Jaslin James (Mtech, BTE) under the guidance of Dr. Ambili. M, project titled "In-silico study of anti cancer activity pigment isolated from actinomycetes" recieved a project grant of Rs. 10,000 from KSCSTE.
- ❖ A team consisting of Anjali.Soman, Harsha James and Anoop Anto (BTE) under the guidance of Mrs Salini P. J. recieved grant of Rs. 9000 from Manorama Yuva Master Mind competition.
- ❖ A team consisting of Ashith Raghunath, Ans Anto, Alwin Vincent and Paul V. Akkara (CSE) under the guidance of Mr. Anto Jacob received a project grant of Rs.10,000 from Manorama Yuva Master Mind .
- ❖ A team consisting of Ann Mary, Sudhina Razak, Sharlett George, Sharath Menon, Roniyo Raphael (ECE) under the guidance of Mr. Santhosh Kumar M.S. received a project grant of Rs. 15,000 from KSCSTE.
- ❖ A team consisting of Anjali P. J., Jeas Mathan, Pramitha T. P., Rosmy Ouseph and Sabin Leo (ECE) under the guidance of Ms. Ambili Francis received a project grant of Rs. 14,000 from KSCSTE.
- ❖ A team consisting of Anju Savy, Don Antony, Minnu Rose Wilson, and Mosses Johnson (ECE) under the guidance of Mr. Vishnu Rajan received a project grant of Rs. 15,000 from KSCSTE.
- ❖ A team consisting of Don Antony, Meenu Bobby, Meera Raphael, Merry Jose & Minnu Rose Wilson (ECE) under the guidance of Mrs. Jisha Jacob recieved a grant of Rs.10,000 from Manorama Yuva Master Mind competition.

INTER COLLEGE PARTICIPATION

- ❖ Ms. Steny Mary Anto of first year M.Tech Industrial Biotechnology engineering won third prize in All Kerala Youth Innovation Meet at M.A. College Kothamangalam.
- ❖ Ms. Steny Mary Anto of first year M.Tech Industrial Biotechnology Engineering presented a paper in the UGC sponsored national seminar on Recent Advances in Biotechnology at St. Joseph's College Iringalakkuda.
- ❖ Ms. Sneha and Ms. Sarah of third semester BTE won second prize in the paper presentation competition conducted at Amal Jyothy Engineering College, Kanjirappilly.
- ❖ A project team of third semester BTE consisting of Mr. Harikrishnan, Mr. Franklin and Mr. Linus Agustin was selected for the finals in the "V GUARD big idea business plan contest" on 17th & 18th of October 2014.
- ❖ Krishnadas Naina and Nancy Augustine of CSE department were selected for the final round in Aspirations 2014 by Infosys on 30th September.
- ❖ Delwin George, Stephin T. Moylan, Angel C.R., Angel Ann and Priya N. C. of seventh semester CSE participated in panel discussion in the topic "Bridging the gap between freshers and industry" at Sands lab, Infopark, Koratty on 25th September.
- ❖ V. S. Sreehari, Vishnu R. B., Vivek John and Sarath K. (3CS) participated in Google coding competition on 19th September.
- ❖ Joyna Joyson (7CS) participated in the workshop on "Google Dart" in connection with IEEE Cochin Hub meet at Viswajyothi Engineering College on 27th and 28th June.

- ❖ Vishnu M. and Lakshmi Sanjeev secured 2nd place in paper presentation conducted at the M. A. college of Engineering Kothamangalam as a part of TAKSHAK, 2014
- ❖ Treasa Joy of 5th semester (ECE) won this year's "Yuva Science Fiction competition" in English section on the theme "Man in Mars".
- ❖ Aswathy P. (3ECE) won the 2nd prize and Beaula Wilson (3EEE) won 6th place in the yoga competition conducted by the Trichur District Yoga Association.
- ❖ A team consisting of Aswathy P. (3ECE), Nivya Rose (3ECE), Beaula Wilson (3EEE) won the 2nd prize in the yoga OLUMPIAD state level competition, Pathanjali.
- ❖ Our women Table Tennis team won the second runner up trophy in the Calicut University Inter-Collegiate competition held at Vidya Academy of Science & Technology, Thrissur on 19th & 20th September 2014. The team members were Gem Fanya Tresa (S7 BM), Anamika P. (S5 BT), Anannya Augustine (S3 EC), Megha Benny (S3 EC) and Aishwarya P. (S1 & 2 EEE). In the individual championship our Gem Fanya Tresa (S7 BM) got the second position.

TECHNICAL ASSOCIATIONS

EBSA

- ❖ Inauguration of the technical activities followed by a talk by Dr. Jaya Rajeev on "Life style diseases and First aid" was conducted on 4th July 2014.



Technical Talk by Dr. Jaya Rajeev

- ❖ Industrial visit of S3 students to Keltron Lighting Division, Calicut and Wayanad was conducted from 11th to 13th of July 2014.
- ❖ A Mathematical quiz was organized on 22nd of July 2014 as a part of "Pi-Approximation Day".
- ❖ Conducted an invited talk on "Survival and Maintenance of Biomedical Equipments" by Mr. George C. Paul, on 30th of July 2014.
- ❖ Students of all semesters visited 'MEDILIFE 2014', a medical exhibition at St. James Hospital, Chalakudy on 8th August 2014.
- ❖ Industrial visit of S5 students to Mysore and Bangalore was conducted from 8th to 12th of August 2014.
- ❖ Industrial visit of S7 students to Mangalore, Mysore and Bangalore was conducted from 10th August 2014 to 17th August 2014.
- ❖ Conducted a talk on "Organ Donation" as a part of Organ Donation day by Dr. Reji Alex, on 22nd August 2014.
- ❖ Conducted a workshop for S7 students on "Embedded System Design using VHDL" as Add-on-course, on 4th September 2014.
- ❖ A contingent of twenty students from S7, visited the "Divya Karunya Ashram" at Kalletumkara on 9th of September 2014.
- ❖ Technical Fest of all the associations PALMARIUS 2014 was conducted on 13th and 14th of October 2014.
- ❖ Invited Talks from prominent Biomedical Companies like Siemens, GE, Sony, BTL were arranged as a part of Palmarius on 15th to 17th of October.



BEATS

- ❖ On 1st June, the BT department released the department journal, Bioquest 2014
- ❖ Industrial visit of S7 students to Kerala Solvant Extraction was conducted on 19th June 2014.
- ❖ On 28th June BEATS conducted BIONOVA, a one day workshop for higher secondary school teachers. Dr Oommen V Oommen(Chairman, Kerala Biodiversity Board) and Dr G.M Nair (Dean, School of Biological Sciences, Central University of Kerala) were the invited speakers.



BIONOVA

- ❖ Industrial visit of S3 students to Milma,Waynad and SABMiller India Ltd, Chalakudy was conducted from 11th to 13th of July 2014.
- ❖ On July 25th BEATS conducted poster making competition in connection with World Embryological Day.
- ❖ On July 31st BEATS conducted novel idea competition in connection with Nature Conservation Day.
- ❖ Industrial visit of S7 students to JK agri Genetics Ltd, AP, Center for DNA finger printing and diagnostics and Center for cellular and molecular biology, Hyderabad was conducted in the month of August 2014.
- ❖ On October 13th and 14th the Tech fest PALMARIUS 2014 was conducted. The events were FINMASH (To prove the logical and technical ability), INQUISITIVE (Quiz competition) and POP OUT MODEL (Building of a green city).
- ❖ On October 17th BEATS arranged the technical talks by Dr. Benny Antony (M. D., Arjuna Naturals Ltd), Mr. Vinod Manjila (M. D., Double Horse Food Products) and Dr. Karthikeyan Shiva shanmugham (Professor, VIT).

ACES

- ❖ EMINENCE 2014 conducted a workshop on Android by Mr. Hari (Senior Member, E & R, Infosys) in association with Campus Connect by Infosys.
- ❖ In connection with PALMARIUS 2K14 a technical talk was given by Mr. Prinson Francis, Production Manager at Kalkitech on 17th October 2014 and Mr. Ajit kumar K. V., Project Manager, SaNDS lab pvt. ltd. on 16th October 2014.



EMINENCE

- ❖ A seminar was conducted by India Options on the topic "Windows Assure and Cloud Computing" on 30th September 2014 for S7 CSE students.

EMAGE

- ❖ A seminar was conducted by India Options on the topic "Windows Assure and Cloud Computing" on 30th September 2014 for S7 CSE students.
- ❖ On 10th June 2014, one of our alumni, Mr. Jassi, business analyst ICICI bank, visited our college and interacted with 7th semester students.
- ❖ On 12th June 2014, Major Jisho Thomas, our 2009 passout student, currently employed as Major in the Indian Army had a talk with s7 students on working for the Indian Defence Department.
- ❖ EMAGE organized an add-on course for s5 students on 2nd July 2014, on the topic "Microcontrollers". It was conducted by 'Orion Technologies'.
- ❖ EMAGE, conducted a poster making competition on the topic "Technology Combats Natural Calamities" on 27th July.



Poster-Making Competition on "Technology Combats Natural Calamities"

- ❖ An exhibition and presentation on 'Technology Combats Natural Calamities' was arranged by EMAGE for the students of St. Antony's School, Moorkanad on 10th July.
- ❖ The Department publication Scintila (2010-2015) batch seminar and Innovatia (2010-2014) batch project was released on 14th of July.
- ❖ Alumni interaction was arranged with Mr. George Joseph, Sea Gate Technologies, USA on 24th of July.
- ❖ A talk on "Technology-past, present, future "by Mr. Hariprasad Nair, CEO, Gadgeon Systems was conducted for the 7th semester (2011-2015) batch.
- ❖ EMAGE conducted study group activity "Is technology a threat to man" on 8th August 2014.
- ❖ Conducted a talk by startup village for 5th semester students on the topic "Embedded android system development" on 20-8- 2014.
- ❖ EC department organized a technical talk by the CEO of Matrix Technologies.
- ❖ Liya Stanley of 7th semester ECE won "Sadguna Award" from Calicut University.
- ❖ EMAGE released its website <http://www.emagesahrdaya.com>.
- ❖ On the 6th of November, Department of Electronic and communication engineering released collection of seminar report 'Revista 2K14' of M. Tech first batch.

SAHRDAYA NEWS & VIEWS

AESON

- ❖ Motivational talk was arranged for S3 & S7 Students on 9th June 2014 by Mr. Sunil Kumar, Professor in Dept. of Mechanical Engineering, GEC, Thrissur.
- ❖ AESON organized an add-on course for S7 students on 20th June 2014, on the topic "Matlab". It was conducted by Mr. Ashish Sundar, Assistant Professor, SCET.
- ❖ As part of Inauguration of 2014-2015 academic activities of AESON, technical talk on topic "trends in power system practices" by Dr. Reji, Professor in EEE dept, GEC, Thrissur and paper presentation competition on topic "Emerging Trends in Energy conservation" was conducted on 9th July 2014.
- ❖ On 11th July 2014 six students of S5 EEE conducted a one day workshop on "Electricity" for high school students of St. Thomas HSS Eangadiyur, Thrissur.



One day Workshop on "Electricity"

- ❖ AESON organized an add-on course for S3 & S5 students on 2nd August and 23rd August 2014, on the topic "PCB Design". It was conducted by 'Emprise Technologies'.
- ❖ A technical talk on "Nuclear Power Station Operation and Its Safety Measures" by Mr. Nirmal Das, Scientific Officer, Kudamkulam Power Station was conducted for S5 EEE students.
- ❖ On 22nd September 2014, as a part of Faraday's Day AESON organized "Collage" making completion on Topic "Revolution in Electrical Technology".
- ❖ A technical talk by Mr. Christo George, CMD, Hykon Group of Companies was conducted on 15th October 2014 as a part of the Tech fest,
- ❖ A technical talk by Mr. Naveen Narayan, Academic relation officer, Start Up village was conducted on 16th October 2014 as a part of Tech fest.

PACE

- ❖ A five days workshop on Auto Cad by BIMIT was conducted for fifth semester civil engineering students on 4th, 5th, 8th, 9th and 14th of July 2014.
- ❖ A half day class on "Kerala Building Rules" by Er. N. I. Varghese was conducted for the fifth semester civil engineering students on the 10th of July 2014.
- ❖ The students of fifth semester visited Alagappa Panchayat Higher econdary School and Soccorso Convent Girls High School Kottakal on the 5th and 6th of August 2014 with the intention of promoting the spirit of "Conserving our Environment". They also took classes for the students there.



Talk on "Conserving our Environment"

- ❖ Two technical talks were conducted on the 16th and 17th of October as a part of the techical fest Palmarius'14. On the 16th Mr. Cyriac Davies, Managing Director of KITCO and on the 17th Mr. K. A. Padmakumar and Mr. George John and Mr. C. Sreeranj Managing Directors of Forus Initiatives, Mulberry Homes and Vishraam Builders respectively addressed third and fifth semester students of the department.

IEEE CHAPTER@SAHRDAYA

- ❖ IEEE students chapter of Sahrdaya Engineering College conducted a one day workshop on web designing by Mr. Shahul Hameed, Development Group Manager at BlackBerry Developer Community on 15th of July. Certificates were given to all the participants.



Workshop on web designing

- ❖ IEEE student's chapter of Sahrdaya Engineering College conducted a spectrum talk by Ms. Asha N D on Neural Networks for IEEE members on 5th of August.
- ❖ IEEE student's chapter of Sahrdaya Engineering College arranged an orientation program for first year students by Mr. Renjith R. Nair, Volunteer Chair- IEEE Kerala Section on 6th of August .
- ❖ IEEE students chapter of Sahrdaya Engineering College conducted WIE (Women in Engineering) meeting on 18th of August.
- ❖ Spectrum talk by Mr. Vishnudas Raveendran was organized for the student of S5 CS on Cyber security and threat management on 16th of September.
- ❖ Students in IEEE visited Bhalabavan, Ashtamichira on 4th of October.



Visit to Balabhavan

- ❖ As a part of IEEE day on October 7th, IEEE conducted an inspirational talk by Mr. Vishnu Shankar, Google student Ambassador to IEEE members. On the same day a quiz competition was conducted in hand with the Kerala Section



and PES Kerala Section. The quiz was conducted for the first year students of our college and concluded with the prize distribution and the selection of these students for the hub level competition.

- ❖ As a part of the techfest Pulmarium 2K14, IEEE students chapter of Sahrdaya Engineering College co-ordinated a paper presentation competition for all engineering students on 13th October.

NSS CHAPTER@SAHRDAYA

- ❖ Orientation Class was given by programme officer regarding the awareness programme on 'Mosquito & Diseases' on 11th of July.
- ❖ NSS Volunteers visited the houses in Kodakara Panchayath, Ward No.4, to give an awareness regarding "Mosquitoes & Diseases spread by them" on 20th of July.
- ❖ NSS Volunteers attended a class conducted by Alpha Pain Clinic at the College on 2nd of August.
- ❖ NSS Volunteers addressed the newly joined first year students regarding the need of being a socially responsible professional and regarding the NSS unit of the college on 5th of August.
- ❖ NSS unit received the award and trophy from IMA for the second best college in the voluntary blood donation for the year 2013-14 on 14th of August.
- ❖ NSS conducted flag hoisting ceremony as a part of Independence Day. On the same day the NSS volunteers visited all the houses in Parekkatukara for inviting them for the awareness class on Organ Donation on 15th of August.
- ❖ NSS conducted an awareness class on Organ Donation by Dr. V J Paul at Parekkatukara Church hall on 16th of August.
- ❖ NSS Volunteers went for an Alpha Marriage programme at Edamuttam on 31st of August.
- ❖ NSS Volunteers conducted 7 days (1st to 7th of October) camp at Anathadam wherein 50 students attended the camp.



NSS Camp

- ❖ Our college in collaboration with IMA blood bank and Jubilee mission hospital conducted blood donation camp at college auditorium. More than 100 students donated their blood in this camp on 28th of October.



Blood Donation Camp

- ❖ On December 1st, the NSS Unit conducted a Poster competition in association with World AIDS day.

FACULTY EXCELLENCE

- ❖ Dr. Nixon Kuruvilla, Vice Principal received the prestigious "Sadguru Award" of Calicut University for the Year 2014.



Dr. Nixon Kuruvilla receiving the "Sadguru Award"

- ❖ Mr. Jibin Jose, Assistant professor in BME dept received the "SUSHRUTA Award" for the student with best academic record in Applied mechanics of the M.tech program 2012-2014 of IIT madras
- ❖ Ashna Mohan, Assistant professor in EEE dept got First rank in M.Tech (Power electronics and Power systems), MG University.
- ❖ Reshma U., Assistant professor in EEE dept got First rank in M.Tech (Control Systems), Kerala University.
- ❖ Ms. Reshma Antony and Ms. Agnes Anto C. have been selected as the associate members of the prestigious body of engineers, The Indian Institute of Engineers (India).
- ❖ Mr. Sankaranarayanan P. N., Mr. Krishnadas J., Mr. Havinash P. H., Ms. Divya R. (CSE department) and Ms. Binet Rose, Ms. Ros Marie C. Cleetus, Ms. Sneha Paul (ECE department) were deputed as Chief Examiners of different papers during the Centralized Valuation Camp of Calicut University at GEC during August - September 2014.
- ❖ Mr. Vince Paul and Mr. Sankaranarayanan represented the college at Calicut University to present the E-Campus facilities on 7th August 2014.
- ❖ Ms. Agnes Anto C. was selected for PhD at IIT, Bombay.

PAPER PUBLICATIONS & PRESENTATIONS BY FACULTIES

- ❖ Mr. Jibin Jose (Asst. Professor, BME) presented a paper titled "A correlation study on Fractals extracted during Fatigue and non fatigue condition with antropometric Data" in National Conference in Bio-mechanical Science (NCBMS 2014).
- ❖ Mr. Jibin Jose (Asst. Professor, BME) presented a paper titled "Analysis of fatigue conditions in triceps brachii muscle using EMG signals" in the 3rd international conference on informative electronics (ICIEV) and subsequently published in IEEE journal.
- ❖ Mr. Jibin Jose (Asst. Professor, BME) published a paper on "A correlation study on Fractals extracted during Fatigue and non fatigue condition with antropometric Data" in the book "Bio-Mechanics" published by I. K. International publishers.
- ❖ Mrs. Remya George published a paper "An Intelligent Security System for Violence against women in Public places" in International Journal of Engineering and advanced Technology, Volume-3, Issue-4.

SAHRDAYA NEWS & VIEWS

- ❖ Mrs. Sony N. S. Published a paper on "Ultrasonic Visual Aid Using ANN" in International Journal of Scientific and Engineering Research, Volume-5, Issue-3.
- ❖ Dr. Ambili Mechoor (Prof & HoD, BTE) published an invited article on "Research in Science" in school magazine of Delhi Public School, Sharja.
- ❖ Dr. Ambili Mechoor (Prof & HoD, BTE) delivered an invited talk on "Linking Biochemical Pathways by Molecular Approach" at St. Marys College, Thrissur.
- ❖ Prof. K. R. Joy (HOD, ECE) delivered a talk on "Applications of Computers in our Daily Life" at St. Raphael Higher Secondary School, Thrissur on Nov 4th.
- ❖ Dr. Leon Ittiachan (Prof, BTE) delivered an invited talk on "Engineering the Knowledge Economy" at Manipal Institute of Technology, Manipal.
- ❖ Dr. Ambili (Prof. & HOD, BTE) delivered a talk on Career guidance at Socorso Convent, Mala on 31 December.
- ❖ Mrs. Amitha Joy (Asst. Professor, BTE) presented a paper in the UGC sponsored national seminar on Recent Advances in Biotechnology at St. Joseph's College Iringalakkuda.
- ❖ Mrs. Rahna K. Rathnan (Asst. Professor, BTE) presented Business Idea in All Kerala Youth Innovation Meet at M. A. College Kothamangalam.
- ❖ Mrs. Rahna K. Rathnan (Asst. Professor, BTE) published a paper on "Comparative study of saccharification of fruit waste by mono and mixed fungal cultures" International Journal of current microbiology and applied science", Vol.3, No. 6, 2014 [ISSN: 2319-7706].
- ❖ Mr. Vince Paul (HOD CSE) published paper "Scattered Alter Position Attacker Deduction of Application DDoS attacks with Gaussian Polynomial Distribution Models" in "International Journal Of Computer Science and Engineering", Volume3, Issue-4, July 2014 ISSN NO:2278-9979-P (113-124) with impact factor 3.1323.
- ❖ Mr. Vince Paul (HOD CSE) & Mrs. Jasmy Davies (Asst. Prof. CSE) published a paper on "An efficient attack resistance model using application based polynomial distribution" In "International Journal of Innovative Research in Computer and Communication Engineering" Vol 3 Issue 10 October 2014, ISSN NO : 2320-9798-P, 2320-9801-O (6254-6263) with impact factor 1.386.
- ❖ Ms. Silpa P. A. (Asst. Professor, ECE) presented a paper on "Realization of image processing on ARM9 for face recognition" in the 4th international conference on Advances in computing and published in IEEE explore, DOI : 10.1109/ICACC.2014.25. Publication Year: 2014, Page (s): 80 – 83
- ❖ Mr. Deepu Kurian (Asst. Professor, ECE) presented a paper on "Drowsiness Detection Using Photoplethysmography Signal" in the 4th international conference on Advances in computing and communications and published in IEEE explore, DOI: 10.1109/ICACC.2014.25. Publication Year: 2014, Page(s) : 73 - 76.
- ❖ Mrs. Preeji John Malppan presented a paper titled "Risk assessment of pumping main in SURGE 2000" in the 'Second International Conference on "Materials Mechanics and Management" at College of Engineering Trivandrum.
- ❖ Mr. Krishnadasan V. B., (Asst. Professor, ME) published a paper on "International Journals of Advanced Engineering and Nanotechnology", ISSN : 2347 - 6389.

- ❖ Prof. K. R. Joy published a paper "Recent Developments in Image Quality Assessment Algorithms: A Review" in the Journal of Theoretical and Applied Information Technology, 10th July 2014, Vol.65 No.1 (ISSN:1992-8645)
- ❖ Prof. K. R. Joy presented a paper titled "Impact of Image Size on Performance of IQA Algorithms on Large Images" at the International Conference on Electrical, Electronics, Instrumentation and Computer Communication held at Karpagam college of Engineering during 12th and 13th of December, 2014.
- ❖ Prof. K. R. Joy presented a paper "Evaluation of Performance of IQA algorithms on large images" in the 6th Annual Research Congress (KUARC-2014) held at Karpagam University, Coimbatore during the 5th and 6th of December, 2014.
- ❖ Prof. K. R. Joy published a paper "Impact of Image Size on Performance of IQA Algorithms on Large Images" in the journal on Advances in Natural and Applied Sciences, 8 (19) Special 2014, Pages 23 – 30, ISSN:1995-0772.

WORKSHOPS & TRAININGS ATTENDED BY FACULTIES

- ❖ Mr. Jibin Jose (Asst. Professor, BME) Participated in international conference on Biomedical systems, signals and image.
- ❖ Ms. Smitha Pai (Asst. Professor, BME) participated in HCTE sponsored FDP on "Frontiers in Biomedical Engineering.
- ❖ Ms. Smitha Pai (Asst. Professor, BME) participated in national conference on Emerging trends in VLSI & Embedded system.
- ❖ Ms. Sony N. S. and Reshma Jose (Asst. Professor, BME) participated in IEEE international conference on "Current techniques in medical Image Analysis".
- ❖ Mr. Vince Paul attended a state level workshop of Xavier Board Higher Education of India at St. Thomas College Thrissur on 2nd August.
- ❖ Mr. Sankaranarayanan delivered a key note address on "Responsive Web Design" during the inauguration of association of Computer Science and Applications at St. Mary's College on 1st September.
- ❖ Ms. Vini Jose (HR & Placement Officer) attended the placement officer's meet at Infopark, Cochin, organized by ICT academy of Kerala on 27th August.
- ❖ Ms. Vini Jose (HR & Placement Officer) attended Placement Officer Meet organized by CII and Employability Bridge on the topic "Providing access to companies for students from Tier 2/ Tier 3 cities".
- ❖ Mr. Joseph Justin (Librarian) participated in International conference on "Library space and content Management for networked society".
- ❖ Ms. Sony N. S. and Mr. Jibin Jose (Asst. Professor, BME) participated in 5 days QIP faculty training program at IIT chennai during Nov 17th to Nov 21st.
- ❖ Mr. Sebin Davis and Ms. Mini T. R. (Asst. Professor, EEE) underwent one week industrial training at HYKON India.
- ❖ Mr. Vishnu Rajan, Ms. Divya Michael (Asst. Professor, CSE) and Ms. Sneha paul (Asst. Professor, ECE) participated in a 5 day Faculty development program on "Wireless Communication Networks" at Adisankara Institute of Engineering and Technology during 24th - 28th November, 2014.
- ❖ Ms. Reshma Anoop of BME Department attended a Short Term Training Programme on "Data Analysis in Research using Statistical Software" at GEC, Thrissur from 15th - 19th December 2014.

