



Chairman's Message



The purpose of any education is to make a person a better human being. This is evidently reflected in the vision statement of Sahrdaya College of Engineering and Technology.

I am indeed happy to learn that the professional students of our engineering college are being trained with "deep rooted sense of social responsibility and strong ethical values" as envisioned by the founders of Irinjalakuda Diocesan Educational Trust. This is being illustrated by a few events which happened in the past six months which came to my notice. One of the students' team won the national level prize for innovative ideas and the project the students did was something which could make the life of bed-ridden patients a little bit more comfortable. I appreciate the empathy and concern the students exhibited in using their technical skill for making the life of the less-fortunate fellow beings easier. I also noticed that some students used their engineering skills to build a house for a poor family and also to help a family by providing free electrification works. I appreciate the humanitarian thoughts which motivated the students to use their knowledge in a positive, creative and useful manner. I congratulate and appreciate all who worked behind these projects and hope more and more activities of this kind will be taken up in future.

May I take this opportunity to place on record my wishes to Sahrdaya College of Engineering and Technology to perform at its best in the coming semester in the academic and non-academic fields.


Mar Pauly Kannookadan
 Bishop of Irinjalakuda Diocese



Homage to Our Founder Chairman Mar James Pazhayattil

43 teams selected to the final rounds, 15 teams were received GYTI award (all other awardees are from IITs and IISc).



Gandhian Young Technological Innovation Award

- Dr. Vince Paul (HOD, CSE) has got his 'Doctorate of Philosophy' from Singahnia University, Rajasthan.
- Ms. Jasmin Habeeb of S8 BTE won the prestigious 'Diamond ring award' for the year 2015-2016.

HEARTY WELCOME TO SAHRDAYA



Fr. Dr. Joji Palamattath joined the college as Associate Executive Director and Fr. Sebin Edattukaran as Associate Finance Officer on 29th January.

SPECIAL ACHIEVEMENTS

- A project titled 'Automatic Fecal and Urine disposal system for bedridden patients' done by the BME team of Mr. Athul Raj, Ms. Athira A, Ms. Neenu P and Ms. Neenu Jose under the guidance of the faculties Ms. Jinu and Mr. Jibin won the Gandhian Young Technological Innovation (GYTI) Award consisting of 15 lakh rupees. They were invited for a presentation at Rashtrapati Bhavan, Cultural Centre, New Delhi on 13th March 2016. It was selected out of 2363 nominations from 50 different domains representing 26 states and 2 union territories consisting of 272 universities and 125 research institutes. Among

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Dr. Vince Paul



Ms. Jasmine Habeeb

- Ms. Nicy Jose of S6 CSE secured SGPA of 10 in 4th semester Calicut University B.Tech Examination.
- Mr. Anik Raj C of S6 CSE was selected as the HACKER EARTH Campus Ambassador.



Ms. Nicy Jose



Mr. Anik Raj C

SPECIAL EVENTS

- Faculties of CSE visited alpha palliative centre at Thrissur on 9th January .
- GANITHA 2K16 , a one day workshop was conducted for Higher secondary school teachers and students on 21st January . Prof.A.Vijayakumar and Mrs. Aparna Lakshmanan handled the sessions for the teachers and students respectively.



Ganitha 2K16

- The second volley ball court of the college was inaugurated on 21st January with a practice match between third year and fourth year students.
- The Rotary club of Thrissur has sponsored a ROTARACT club and the 'Sahrdaya Rotaract Club' was inaugurated by Rotary governor Rtn.Kamalesh.V.Raheja on 28th January.



Sahrdaya ROTARACT Club Inauguration

- Retreat was conducted for second semester catholic students at CRC Manjummel from 28th to 31st January.
- IEEE arranged a workshop on Raspberry Pi on 17th February.
- A faculty development program was conducted by Civil Department on the topic 'Concrete Mix Design' from 16th to 18th February.
- The staff and students of the college conducted a pilgrimage to 'Kanakamala' on 20th February.
- The student's council conducted the annual athletic meet on 24th and 25th of February



Annual Athletic Meet

- The college arts day, Symphony 2016 was conducted on 26th and 27th of February. The arts day was inaugurated by Cine artist Mr. Vineeth Mohan.



Symphony 2016

- Faculty Exchange Memorandum of Understanding between Wilmington University and Sahrdaya College of Engineering and Technology was signed on 1st March.



MoU with Wilmington University

- Women's Day was celebrated by arranging a talk for all the female students of S6 on the topic ' Cyber Crime and Cyber Laws' by Mrs. Dhanya , Cyber Crime Investigator on 8th March. A talk was arranged for all the S6 boys on 'Fire Safety' by Fire Protection Engineering Institute.
- Women's cell conducted a flower arrangement competition in connection with 'Women's Day'.
- The college student council in association with NSS arranged a hair donation campaign in the college and a formal function to hand over the hair donated by the staff and students to the cancer care unit of Govt. Medical college, Trichur on 11th March. Mrs. Sheela Kochouseph, MD, V. Guard Indus tries was the chief guest of the occasion and the head of oncology department, Govt. Medical college, Trichur addressed the gathering.



Hair Donation

- In connection with Women's day a talk 'Women in Entrepreneurship' by Mrs. Sheela Kochouseph was arranged for the female faculties on 11th March.



Talk by Mrs. Sheela Kocouseph Chittilappilly

- College day was celebrated on 21st March and this was inaugurated by Dr. T N Jagadeesh Kumar, Director of student welfare, Kerala Agriculture



university. His Excellency Mar Pauly Kannookadan, Bishop of Irinjalakuda Diocese, presided over the function.



College Day 2016

- A farewell was arranged for 2012-2016 batch students on 2nd April and His Excellency Mar Pauly Kannookadan, Bishop of Irinjalakuda Diocese presided over the function.
- The department of BTE was signed an MoU with Elite Agro products Limited, Thrissur on 22nd April.
- The department of CSE conducted a three day faculty development program on 'Parallel Programming Technologies' from 28th to 30th April. Resource persons were Mr. Justin Joy, Mr. Mobin Scariya, Mr. Baiju and Mr. Binu .
- The college women team won the winner's trophy in 'PECSAGA' Table Tennis championship. The members are Ms. Anamika.P (S8 BT), Ms. Megha Benny (S6 EC), Ms. Ananya Augustin (S6 EC), Ms. Thushara Rhoney (S6 BT), Ms. Aiswarya.P (S4 EEE). The college men team won the third position in chess and volley ball at PECSAGA tournament.
- The 22nd Triennial Conference of Xavier Board was held at Sahrdaya College of Engineering and Technology from 5th to 8th May 2016.



Triennial Conference -Xavier Board

- A team of 28 members from the college visited the VIT University, Vellore on 27th and 28th May and attended a Faculty Development Program.
- Department of ECE signed a MoU with Livewire academy, Thrissur on 11th June. With this MoU, exchange of technical expertise, training and collaborative research activities were ensured.
- TRENDS'16 an international conference jointly organized by the four post graduate departments CS, EC, EEE and BT was conducted on 16th and 17th of June . It was inaugurated by ,Mr. Sudheer Mohan, Director - Mobility Certification & Automation, Wipro.



TRENDS'16-Inauguration

- A project of building a home 'SAHRDAYAM-2016' was completed under the guidance of 2013 batch Civil Engineering students and the key was handed over to the recipients by the Bishop of Irinjalakuda Diocese, His Excellency Mar Pauly Kannookadan on 29th June.



SAHRDAYAM-2016

UNIVERSITY RESULTS

- The second semester results of 2014 batch of M.tech were announced and the overall pass percentage in Embedded Systems (100%), Industrial

Biotechnology(100%), Computer science & Engineering(82%), Power Electronics & Drive(100%). The following are the toppers in various branches.



Stemy Stephen (ES-8.75)



Anju P.S (CS-9)



Sukhanya C M (CS-9)



Steny Mary Anto (IBT-8.33)



Sangeetha S (PE-9.08)

- The first semester results of 2015 batch of M.tech were announced and the overall pass percentage in Embedded Systems (75%) Industrial Biotechnology(50%), Computer science and Engineering (89%) and Power Electronics & Drive(100%).
- The 6th semester results of the 11th batch (2012 admission) were announced in January, 2016. The overall pass percentage is 82%. The pass percentages in various branches are as follows. BM :87%, BT: 94%, CS :84% EC :81% , EE: 82%, CE :64%. The following are the toppers in various branches.



Shabeena Shamsudin (BM- 8.89)



Anju Francis (BT- 9.79)



Susmitha Antony (CE- 8.84)



Irfana Parveen (CS- 9.14)



Johncy John (EC- 9.2)



Gayathri M Nair (EEE- 8.64)

- The 4th semester results of the 12th batch (2013 admission) were announced in February, 2016. The overall pass percentage is 80.83%. The pass percentages in various branches are as follows. BM :92%, BT:90%, CE :72%, CS:78%, EC:83% and EE:70%. The following are the toppers in various branches.



Amala Sherin (BM- 9.5)



Aleena Sebastian (BT- 9.16)



Merrine Paul (CE- 8.7)



Nicy Jose (CS- 10)



Neethu James (EC- 8.82)



Bavya Babu (EEE-8.86)

- The 1st semester results of the 14th batch (2015 admission) were announced in February, 2016. The overall pass percentage is 51.33%. The pass percentages in various branches are as follows.

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BM :59%, BT: 37%, CE :76%, CS :71%, EC :37% and EE: 28%.

- The 7th semester results of the 11th batch (2012 admission) were announced in June, 2016. The overall pass percentage is 79%. The pass percentages in various branches are as follows. BM :84%, BT :97%, CE :61%, CS :91%, EC :69% and EE: 70%. The following are the toppers in various branches.



Shabeena Shamsudin
(BM- 9.52)



Anju Francis
(BT- 9.36)



Blessy Varghese
(BT- 9.36)



Jasmine Habeeb
(BT-9.36)



Parvathy Jayesh
(BT- 9.36)



Susmitha Antony
(CE- 8.21)



Johny John
(EC- 8.52)



Ashitha P.S
(EC-8.52)



Mary Pauly
(CS-8.71)



Maneesha Mohandas
(EC-8.52)

- The 2nd semester results of the 14th batch (2015 admission) were announced in June, 2016. The overall pass percentage is 75%. The pass percentages in various branches are as follows. BM :79%, BT :81%, CE :79%, CS :56%, EC :79% and EE: 76%.

HR & PLACEMENT CELL

- Mrs. Vini Jose, HR & Placement Officer attended a seminar 'Connect 2016' conducted by LIVEWIRE at Thrissur on 10th January.
- A talk on 'Youngsters on Wheels' a road safety session delivered to S8 and S6 students by Shri. K Dileep Kumar, Motor Vehicle Inspector, Sub Regional Transport Office, Irinjalakuda on 13th January.
- IMS conducted their Scholarship test for all the S6 Students during the Study Group Activity on 15th January. Mr. Jomy, CEO of IMS Institution delivered a session for all the final year students appearing for GATE Exam on the topic 'Tips & Strategies for GATE'.
- The Department participated in GHRDC-CSR Engineering College Survey 2016 on 20th January.
- A spiritual Talk was conducted for all the first year non-catholic students by Mr. Benson on 28th January.
- A motivation session on 'How to empower the success ratio' was conducted for the third year students by Galaxy Educational Trust on 29th January.
- Campus IQ Competency Mapping Test was conducted for all the 6th Semester EC, CS, BM and EEE students on 11th February. Their score cards were shared during the career guidance session to their parents.
- Job Fair was conducted by Campus IQ from 12th to 14th February. Total of eight companies (Cerebtech, Portera, Mob Me, Finesse, LuLu, Xtend, Engrave and Somnoware) were participated. 14 students of our college were selected.
- Poornam conducted recruitment for the EC & CS 2016 Pass out

students on 23rd February. One student got selected.

- TCS Off-Campus recruitment was conducted in our campus on 2nd March and 5 students got selected.
- Cognizant Technology conducted recruitment for EC, CS & EEE of 2011 batch students on 8th March and 3 students got selected.
- Mrs. Vini Jose attended Placement Officer's Meet by Campus IQ on 8th March.
- Career Counselling for the 2013 Batch students were conducted by the HR Department and Animators of respective departments on 10th March. Career interest form was given to all the students and their parents in the beginning of the semester to train the students according to their career interest.
- Faculty Development Program on the topic 'Interface between Local Government and Academic Institutions' was conducted at KILA for all the faculties on 9th April.
- A Motivation Talk was conducted by Fr. Joji Thottian for the 2014 Batch students on 15th April.
- Mindtree conducted recruitment for the EC and CS students of 2016 pass out on 20th April and one student got selected.
- HR department organized a Faculty Development Program on 'Self Knowledge in Education' from 25th to 27th April. The speakers were Dr. Devdas Menon, Professor, IIT-Chennai who also chairs the Thrissur based cluster of engineering colleges under Kerala Technological University, Mr. Arul Dev, CEO of People First and Dr. Sandra Williamson from Wilmington University, USA.



Dr. Devdas Menon



FDP -HR department

- Mrs. Vini Jose, attended the Xavier Board of Higher Education Triennial Conference from 5th to 8th May.
- Biomedical Company Agappe Diagnostics conducted recruitment for the Biomedical students of 2016 pass out on 20th May and 4 students were got selected.
- Biomedical Company Kaizeen conducted recruitment for the Biomedical students of 2016 pass out on 22nd May and 2 students got selected.
- A faculty gathering was conducted on 24th and 25th June and the speakers Mr. George, Shri. Bharathan, Shri. Jose Kalan, Mr. Reji Jacob, Mr. Tony and Mr. Benjamin addressed the faculties at CSR Pariyaram on 24th June.

PRIZES SECURED IN PROJECT COMPETITIONS

- Ten students from BME department (S8 and S6) participated in India's first Health Hackathon at Srichithra Tirunal Institute of Medical Science and Technology, TVM. The event was organized on 30th January and the students worked with doctors and biomedical scientists to develop medical technologies. Out of 30 student participants, our students bagged the first, second and third prize. The first prize was bagged by a team consisting of Mr. Rajish & Ms. Afna from S8 BM, the Second prize was bagged by Ms. Alka of S6 BME and the third Prize was bagged by a team consisting of Ms. Anusree, Ms. Aysha, Ms. Aiswarya of S6 BME.



Health Hackathon at STIMST,Tvm.

- A project competition titled 'Dr.Pradeep P Thevanoor innovation awards' was conducted at SCMS college of engineering, Karukutty from 1st to 2nd February. Two teams were shortlisted to the semifinal round. Our students Ms.Mafinah Maien, Ms.Bindhu John, Mr.Tijohn and Mr Jaison Joseph of S8 BME under the guidance of Mr.Ragesh (Asst.Prof.BME) on the topic 'Android based Communicator for Deaf, Blind and Mute' and another team Mr.Athul Raj, Ms.Athira A, Ms.Neenu P, Ms.Neenu Jose under the guidance of Ms.Jinu and Mr.Jibin (Asst.Prof.BME) on the topic 'Automatic Fecal and Urine disposal system for bedridden patients' were qualified to the final round. They were awarded with Rs 10,000 each and a certificate of merit.
- Ms.Sreelakshmi, Ms.Monica, Ms.Aswathy, Ms.Silpa T.K and Mr.Sreerag V.R. of S6 BME participated in 'Tharang '16' held at Jyothi Engineering College, Thrissur, from 19th to 20th February, which was a two day National level Technical Festival. They won first prize for their project 'Smart Aid For Autistic Care' and they were awarded a cash prize of Rs.15,000 and certificate.
- Four project groups from final year presented their project ideas at IIT Madras and a group won 2nd prize in paper presentation conducted on 5th March 2016. Group members were Ms.Jasmin Habeeb, Ms.Manasa Manojkumar, Ms.Haritha Hari & Mr.Vimal Raj of S8 BTE.
- A project group consisting of Ms.Jasmin Habeeb, Ms.Manasa Manojkumar, Ms.Haritha Hari & Mr.Vimal Raj won first prize in a project competition conducted at Jyothi Engineering College on 19th March in the category of 'Non Circuit Projects'.



Jyothi Engineering College-Project First Prize

- Mr.Aswin Srinivas & Mr.Sreeragh Sivadas of S8 BTE under the guidance of Ms. Smeera Thomas won first prize in Indian medical device expo for 'Make -in-India' competition held at Pune organized by IIT Bombay, NIT Nagpur and COE Pune on 15th April.
- Ms. Athira Ravindran, Ms. Hemilda Jose, Mr. Eby Tony and Mr. Jackson Chacko of S8 ECE participated in project competition held under the Tech Fest organized by Abdul Kalam Technological University in association with KSCSTE on 7th and 8th January 2016 and won a special prize of Rs.5000/-.
- Ms.Athira Babu, Ms.Ashitha .P.S of S8 ECE won first prize in the IEI & ISTE sponsored project expo conducted at Vidya Engineering College and the project was guided by Mr.Vishnu Rajan.

STUDENT PROJECT GRANTS

- A project grant of Rs. 30,000 has been sanctioned to a project group from S6 BTE by Elite Agro products Limited; Thrissur on 29th April. The members are Mr.Abey Joseph, Mr.Vishnu k, Ms.Nimmy Paul & Ms.Roshin James and the project was guided by Dr. Ambili Mechoor.
- Mr. Ajesh Wilson, Mr. Hari Krishnan C.P, Ms.Ansu Anto, Ms.Darshana and Ms. Chippy M Glenny of S8 ECE got selected for the semifinals of P.P.Thevanoor Innovation Awards, conducted by SCMS School of Engineering and Technology, Karukutty. They won a project grant of Rs.5000/- the project was guided by Ms. Jesin James.

INTER COLLEGE PARTICIPATION

- A project competition was conducted at Saintgits college of Engineering, Kottayam on 27th and 28th February as part of Srishti 2K16. Two teams of BME were shortlisted for the final rounds and the team comprised of Ms.Mafinah, Ms.Bindhu, Mr.Jaison, Mr.Tijohn was guided by Mr.Ragesh on the topic 'Android Based Communicator for Deaf, Blind and Mute' and the other team comprised of Athul Raj, Neenu P, Neenu Jose, Athira was guided by Ms.Jinu & Mr.Jibin Jose on the topic 'Automatic Fecal and Urine Disposal System for bedridden patients'.
- Three project teams of S8 BME were shortlisted for a project competition held at Kidangoor Engineering College. The team of Ms.Azra Gafoor, Mr.Anto Paul, Ms.Annmol Eldho and Ms Anju was guided by Mr.Jis Paul on the topic 'Venipuncture Aid System', the team of Mr.Jinoy Yohanam, Ms.Chippy Jose, Ms.Asha Augustine, Mr.Tijohn was guided by Mrs.Bessy Titus and Prof.Manoj Mathew on the topic 'Gesture Conversion System For Communication With Deaf And Mute' and the third team of Ms.Christy, Mr.Fahid, Ms.Sweety, Mr.Finu and Ms.Devika was guided by Mrs.Ann Soniya on the topic 'Study And Analysis Of EMG Based Various Parameters' and they were awarded with certificate of participation.
- Ms.Mafinah Maien, Ms.Bindhu John, Mr.Tijohn and Mr.Jaison Joseph of S8 BM under the guidance of Mr.Ragesh on the topic 'Android based Communicator for deaf, blind and mute' presented their project at a project competition held at Sri Narayana College of Engineering, Ernakulam from 18th to 19th February and they were awarded with a certificate.
- Ms. Sreelakshmi, Ms. Monica, Ms.Aswathy, Ms.Silpa T.K of S6 BME participated in national level technical festival 'Tharang '16' held at Jyothi Engineering College, Thrissur from 19th to 20th February.
- Ms.Sneha Konikkara, Ms.Afna Fathima, Ms.Della Thomas and Mr.Rajish Rajagopal of BME participated in the competition 'SUKRITA 2016- Different but not less', a momentous initiative organized by STEPS, TKMCE in association with 'Snehapoorvam Kollam' from 19th to 21st February.
- Ms.Mafinah Maiden, Ms.Bindhu John, Mr.Tijohn and Mr.Jaison Joseph of S8 BM presented a research paper titled "Android Based Communication for Deaf, Blind and Mute" in the International Conference ICCECON 2k16 organized by Christ Knowledge City on 5th March and secured the best paper award and certificate for the same.
- Ms.Shabeena, Ms.Krishna Veni, Ms.Saranya and Mr.Babin of S8 BME was selected for presenting their project, 'KaryotIS' (Karyotyping Information Systems), guided by Mr.Jibin Jose at Indian Medical Expo Pune, organized by IIT Bombay, COE Pune and VNIT Nagpur from 8th to 10th April.
- Two project groups of S8 BTE, presented paper at UGC sponsored national seminar on 'Progress And Prospects Of Biotechnology' at St. Joseph's college, Irinjalakuda on 14th & 15th January.
- The students Ms.Blessy, Ms.Anju, Ms.Neera, Ms.Parvathy and Ms. Pinky of S8 BT under the guidance of Ms.Megha P M participated in project exhibition arranged at Christ college, Irinjalakuda on

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18th January. The same group participated in rural innovators meet arranged at Calicut university from 9th to 11th March.

- A project team of S8 CSE guided by Mr. Havinsh P H consisting of Abin babu, Betto Akkara and Amal Das participated in 6th International project competition and exhibition held at VEL TECH, Technical university, Chennai on 23rd February and presented their project 'Enable Talk'.
- A project team guided by Mrs. Soumya varma consisting of Mr. Edwin CB, Mr. Anudeep A and Mr. Benzen of S8 computer science students presented their project 'Smart Indoor Navigation System' and emerged as the Semi-finalist in PPT Innovation Awards Project Competition conducted at SCMS College on 2nd February.
- A project team of S8 CSE Ms. Anjalini Joy, Ms. Anjali Menon and Ms. Glace Babu guided by Ms. Divya R presented their paper in international conference on 'Computing, Communication, Nanophotonics, Nanoscience, Nanomaterials and Nanotechnology' (I2C4 N-2K16) held at Holy grace academy on 7th April.
- A project team of S8 CSE guided by Mrs. Raisa Varghese consisting of Mr. Vishnu Das Raveendran, Ms. Mary Pauly, Ms. Nicky Paul and Ms. Priya S presented a paper on 'A Survey on Speech interfaces for personal computing devices' in IEEE international conference on Engineering and Technology held on 17th March at Rathinam Technical Campus.
- Ms. Remya vinayakumar, 4th semester M.Tech student presented a paper in the national conference at MES College of Engineering and won the best paper award on 8th April.
- Mr. Gibin Mathew Padayattil, Ms. Twinkle Thobias, Ms. Julia Sebastian, Ms. Miranda Thomas of S8 EEE presented a paper on 'Harmonic Analysis of Microgrid Operation in Islanded Mode with Non linear Loads' in IEEE international conference held at Sri Shakthi Institute of Engineering and Technology on 9th January.
- Mr. Neeraj N, 4th semester M.Tech student had presented a paper on 'Energy Efficient Multi quadrant Drive for Induction Motors' in IEEE international conference held at Sri Shakthi Institute of Engineering and Technology on 9th January.
- Ms. Anju Mohan, 4th semester M.Tech student presented a paper on 'Bridgeless Cuk Converter fed BLDC Motor Drive for Air Conditioning Applications' in IEEE international conference held at Adhiparasakthi Engineering College, Kancheepuram on 20th April.
- Ms. Udhya M.B., 4th semester M.Tech student presented a paper on 'Multiple-Input Bidirectional DC-DC Power Converter with Renewable Energy Source' in IEEE international conference held at DMI college of engineering, Chennai on 5th March.
- Ms. Sangeetha S., 4th semester M.Tech student presented a paper on 'Design and Implementation of SEPIC Converter Based PV System Using Modified Incremental conductance Algorithm' in IEEE international conference held at DMI college of engineering, Chennai on 4th March.
- Ms. Blessy Sabu., 4th semester M.Tech student presented a paper on 'Harmonic Mitigation In Minigrid Integrated Distributed Power System' in IEEE international conference held at Nooral Islam University, Nagercoil on 18th March.
- A Project titled 'Enhanced utilization of Local Sources using Hybrid

Microgrid' by Mr. Gibin Mathew, Ms. Julia Sebastian, Ms. Miranda Thomas, Ms. Twinkle Thobias was presented in FISAT College of Engineering, Angamaly on 12th April.

TECHNICAL ASSOCIATIONS

EBSA (BME Association)

- On 15th of January, EBSA in association with IEDC conducted a one day workshop on 'Patenting and Procedures'. The session was moderated by Mr. Sreekanth K.S (2004 batch), Examiner of patents and designs, Department of Industrial Policy and Promotion, Ministry of Commerce. The workshop stressed on the importance of patenting and the methodologies involved. The workshop had a total of 65 registered participants and was limited to only registered participants which included both students and staff.
- An alumni interaction program was conducted on 22nd January and Mr. Nobu Karippai (2004-2008 batch) interacted with students and presented a two hour session on his research topic MICRO FLUIDICS. He has done his MS in Germany and discussed the various admission procedures for higher studies in Germany. He is doing PhD in Micro fluidics and also working as research assistant.
- In association with IEEE, started an EMBS (Engineering in Medicine and Biology Society) student chapter in Sahridaya. IEEE (EMBS) is the world's largest international society of biomedical engineers. EMBS provides its members access to the people, practices, information, ideas and opinions that are shaping one of the fastest growing fields in science. Currently there are 6 members along with a senior faculty member.
- In accordance with the World Cancer Day on 4th February, conducted an essay writing competition on the topic 'Awareness of Cancer' at the college. A total of 20 students participated and Mr. Chanchal Babu of S6 ECE was awarded with first prize.
- A team of 5 members from Avigna Clinical Research Institute, Bangalore came over here and conducted a session on 'Career Prospects in Clinical research' on 8th February. This session was conducted for S8 and S6 students and this inspired the students to do clinical research after their graduation.
- An amount of Rs. 50,000 was donated by Mr. Sampreeth (2010 batch pass out) on 11th February for purchasing books and shelves to BM department library in loving remembrance of his friend Mr. Shalal.
- A visit to Jeevodaya Orphanage for senior citizens (men) at Mookanoor, Angamaly was organized as a part of social outreach program. Students of S4, S6 and S8 along with Ms. Reshma Jose interacted with them.
- Students of S6 and S4 participated in a talk on 'Sustainability Of Engineers' which was conducted on 19th March and the session was handled by Mr. Unnikuttan V.V of BME department.
- A talk on 'Design and development of Biomedical Engineering' was delivered by Mr. Saravana Kumar, Professor from IIT Chennai, for the students of S6 and S4 BME on 7th April.
- A faculty development program 'Training on ISO-13485, Quality management system for medical devices' was conducted with the technical partner EMBS and in collaboration with NEST, on 11th and 12th of May. The Session was handled by Mr. Balamurali L, Director and Testing head of SFO technologies Software Division. Also eminent academicians and industrialists participated in the program.
- The program 'Shalal Remembrance day and Cancer awareness talk' was organized on 24th May and the resource person Dr. Luis .O. Rustveld from Baylor college of Medicine, U.S, delivered the talk on cancer awareness. Along with Shalal's parents, 9 alumni members and 6 parent representatives were also present for the event. The alumni contributed a shelf with books worth one lakh to BM department library. They also contributed Rs. 20,000 to help any needy person and handed over the laminated writings about the memories of Shalal to the department.



Shalal Remembrance day and Cancer awareness talk

BEATS (BTE Association)

- Alumini interaction by Dr. Rency Mathew (Phd from Mac Gill University) was conducted on 4th January for the final year students.
- On 5th February, a project model display of S6 was conducted in the department.
- Dr.Ullas Mony, Asst. professor, Amrita University delivered a technical talk on 'Research opportunities in Nanoscience & Molecular medicine' on 20th February. During the same event there was an alumni interaction by Mr.Vinod Paul, Research scholar at Amritha University.



Technical talk- Dr.Ullas Mony

- Professors from TERI University, Delhi visited the department and interacted with the final year and third year students on 2nd March.
- A three day workshop on 'Next generation sequencing' was arranged for S6 students and faculty members from 17th to 19th March .
- Alumini interaction by Mr.Vicky Varghese (2008 passed out) was arranged for S6 students on 31st March.
- An annual publication of the Biotechnology department, 'BIOQUEST 2016' was released on 26th April.

EMAGE (ECE Association)

- A one day workshop on 'Embedded systems' was conducted on 11th January for S8 students. The resource persons were Mr. Nithin, Mr.Rinas and Mr.Arun from Rapid Technologies.
- Department conducted Potluck as a part of team building activity on 28th January.
- An invited talk on 'Nuclear Energy, clean & green and Awareness on Radiation' by senior Engineer Mr.Nirmal Das from Kudankulam Nuclear power plant Tamil Nadu was conducted for the S6 students on 15th February.
- A session on Latex was conducted on 19th February for the M.Tech second year students and it was handled by Mr.Deepu Kurian, (Asst.Prof.ECE).
- 38 students and 9 faculties from the department went for an industrial visit organized as part of National Science Day on 26th February to C-MET (Centre for Materials in Electronics Technology) at Athani, Thrissur.
- 15 faculties from the department went for an industrial visit to the Air Traffic Control Department & Communication, Navigation and Surveillance section of Airport Authority of India located at Nedumbassery on 1st March.
- Mr. Nitin Kumar Sharma, Technical head of Aharyaji Technologies, New Delhi conducted a three day add on course for the S6 ECE-A students from 29th February to 2nd March. The session was on the topic 'MATLAB for signal processing applications'. Students of S6 ECE - B batch attended the session from 3rd to 5th March.



MATLAB-S6 ECE

- Peer skill sharing session on the topic 'Introduction to Raspberry pi' was arranged on 5th March by Mr. Dinu John K. and Mr. Fabin Antony of S6 ECE-A batch.
- A knowledge sharing session on 'Embedded system programming using Aduino' was conducted for the faculties by the department on 16th March.
- A half day session on 'Proteus' was conducted by Mr. Vishnu Rajan (Asst. Prof. ECE) for the faculties of the department on 21st March.
- A session on 'Proteus' for lab staff was conducted on 23rd March by Ms.Anu Antony (Asst.Prof.ECE) and Ms.Meeva (Asst.Prof.ECE).

ACES (CSE Associaton)

- A three day workshop was arranged for the CSE members by Think Foss Technologies on 'Django' from 4th to 6th February.



Django Workshop

- On 3rd February, S6 CS-A students attended a webinar session organized by TCS on 'software quality assurance' .
- Mr.Anik Raj C of S6 got Google scholarship for Andriod Nanodegree and he created a coding club in association with IEDC Sahrdaya. Also he successfully completed a six months incubation program for the first batch of startups at SV.CO. and was invited to mentor the next set of students at SV.CO.
- An Alumni interaction was conducted for S6 students by Angel C Rajan , software engineer with IBS, (2014 pass out) on 5th March.
- A technical talk for S6 CSE students on Python was delivered by Mr.Hari S from Infosys on 8th April.

AESON (EEE Associaton)

- An introductory talk on 'Electrical CADD & Electrical Machine Design' was conducted by Mr. Sreejith K, Business Officer, Silverstone Info tech - CADD Centre on 23rd January.
- A Motivational talk by Mr. Bansan Thomas George was conducted for S6 students on 4th February.
- A motivational talk for S8 was conducted by Jomy Thottayan, AdHoc Faculty, St Joseph College, Irinjalakuda on 22nd February.
- Four days training on Auto CAD (Electrical) for S8 students by Mr.Viju Antony, from BIMIT - CAD & BIM Training Services was arranged from 29th February to 4th March.
- On 19th March, LED bulbs made by S6 EEE students was distributed to 350 families of ward number 17 of the Kodakara panchayat.



LED Bulb Distribution

- A Workshop on 'Electrical System Design & Estimation' by Sajin Joseph, Technical Engineer, Sigmos India Pvt.Ltd. was conducted for S8 on 21st March.



EDUCATION IS DEDICATION

- Midhun C , a student of S4 EEE has done a peer sharing program for S4 students in Arduino Programming on 30th March.
- A workshop on LABVIEW software for S6 has been conducted from 29th to 31st March by Trident Tech Labs Pvt. Ltd.

PACE(CE Association)

- A class on the topic 'Damp proofing' was conducted by Mr. Benny, Eurobuild, for S4 and S6 students on 9th February.
- A project of building a home 'SAHRDAYAM-2016' for an old woman with her ailing son was taken up as a part of social commitment by 2013 batch Civil Engineering students.



Sahrdayam-2016

IEDC @ SAHRDAYA

- Under the leadership of IEDC, students participated in the Diamond Jubilee Exhibition held at Christ College Irinjalakuda from 18th to 22nd January. Various student projects were demonstrated before the public.
- In association with Kerala Startup Mission, a three day inter collegiate ideation workshop cum completion, 'Startup I3-Ideate, Innovate, Incubate' was arranged from 21st to 23rd of January. Open Fuel group from IIM Ahmadabad lead the training. The Participants were also addressed by P.H Kurian IAS(Principal Secretary of IT and Industries, Govt. of Kerala), B.Jyothikumar (Exe. director of KSIDC), Vishal B(Technical Officer of KSUM), Ashok Panjikaran(Manager of KSUM) , Jibin Jose(IEDC Coordinator) and Reeba (Student Boot camp representative of Sahrdaya college of Engineering and Technology).
- Students participated in India's first health hackathon conducted at SCIMST from 30th to 31st January. The Event was organized by Kerala Startup Mission, SCIMST Thiruvananthapuram and MIT Cambridge. Ten students from our college were short listed and all the winning teams have students from Sahrdaya. First prize was won by the team consisting of Mr. Rajagopal and Ms.Afna (S8 BME) ,the second prize was won by the team with Ms.Alka Rajendran (S6 BME) and third prize was won by the team Ms.Anusree K.R, Ms.Aysha P.H and Ms.Aiswariya A.G (S6 BME).
- Project Model making competition and mentoring session was arranged for S6 students in the month of February. From 5th of February onwards different sessions were arranged for different batches.
- Mr. Jibin Jose, IEDC Coordinator attended a two day Capacity Building Workshop of Nodal Officers at Amal Jyothi , Kanjirapilly by KSUM on 19th and 20th of February. During the meeting KSUM representative was mentioned about IEDC sahrdaya as one among the best performing IEDC's in the state.
- Arranged a discussion involving IEDC coordinator, Design club members and Design and Engineering Faculties with Mr.Yash Saxeena, founder of Open Fuel on 24th February.
- Shri P.H Kurian IAS, Principal Secretary of IT & Industries, Govt of Kerala officially Launched the Hackathon on 'Smart Technological Solutions Against Corruption' at Sahrdaya College of Engineering on 4th April. He also inaugurated Engineering Design Studio (EDS) on 4th April under the leadership of IEDC.



Hackathon Launching-Shri.P.H.Kurian IAS



Engineering Design Studio-Inauguration

PAPER PUBLICATIONS & PRESENTATIONS BY FACULTIES

- Mr.Anoop V P (Asst.Prof.EEE) qualified GATE -2016 with a score of 524.
- Dr.Gopakumar P (Asst.Prof.EEE) received an award from Power Grid Corporation for outstanding research in India.

PAPER PUBLICATIONS & PRESENTATIONS BY FACULTIES

- Mrs.Jisha P(Asst.Prof.BME), conducted a session on 'career aspects of Biomedical Engineering' on 17th February as part of the social extension program at Govt. Vocational Higher Secondary School, Nandikkara. The



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session focused on the future prospects and scope in Biomedical Engineering.

- Mr. Jis Paul(Prof.BME), conducted a workshop at College of Engineering, Attin gal on 'Design Thinking' on 3rd and 4th May . Also he was invited for a talk on 'Design Thinking' by IES college of Engineering, Thrissur on 17th June .
- Ms. Shini Shanmughan (Asst.Prof.CE) presented a paper at international conference on 'Advances in Civil engineering and sustainable construction' on 1st April at SRM University, Chennai.
- Ms. Shini Shanmughan published a journal paper with title ' Modeling of Formwork pressure using Self Compacting Concrete by numerical methods for attaining environmental sustainability' in the Scopus indexed journal, 'Key Engineering materials', Transtech Publications, Switzerland, vol 692 ,ISSN 1662-9795 on 20th May.
- Dr.Vince Paul (HOD,CSE) chaired international conferences held at MES college of Engineering and Jyothi Engineering college on 8th April 2016 and 7th April 2016 respectively.
- Mrs .Soumya Varma(Asst.Prof.CSE) invited as a chief guest at CMI Public school, Chalakudy as part of their computer exhibition on 28th January and she delivered a lecture for the students.
- Mr. Vishnu Rajan (Asst.Prof.ECE) was invited as the judge for a State Level Project Presentation Competition held at Thiagarajar Polytechnic College at Alagappanar, Amballur in connection with the college's Diamond Jubilee Celebration on 15th January.
- Dr.Gopakumar P. published a research paper entitled 'A Novel Transmission Line Protection Using DOST and SVM', in 'Engineering Science and Technology, an International Journal', Elsevier on May.
- Ms.Ashna Mohan (Asst.Prof.EEE) had published a paper on 'Multiple input Bi-Directional DC-DC Power Converter with Renewable Energy Source' in the proceedings of international conference on Electrical and Electronics and Optimization Techniques 2016 held at Chennai.
- Mr. Mathews V J (Asst.Prof.General Science and Other Engineering) presented a paper on 'Effect of OEM and After-Market Air Filter on Vehicle Parameters' at ICETEST-2015 held at GEC, Thrissur.

WORKSHOPS & TRAININGS ATTENDED BY FACULTIES

- Ms.Amitha Joy attended a two day workshop 'Bioinformatica' organized by Kerala University at Thiruvananthapuram on 7th & 8th January.
- Dr. Ambili Mechoor (RDC Co-ordinator), Ms. Marria C Cyriac (Asst.Prof. BTE), and Ms. Amitha Joy attended a 3 day FDP 'Self Learning in Education' organized by our College from 25th to 27th April .
- Ms. Silpa P Sasikumar (Asst. Prof.CE) attended design engineering workshop at FISAT on 12th January.
- Ms. Shini Shanmughan, attended national conference on 'Forensic Structural Engineering' at VIT University, Chennai.
- Mr.Havinash P.H(Asst.Prof.CSE) attended three days FDP program on 'Fundamentals of Python Programming' organized by INFOSYS as part of campus connect program at Nehru College of Engineering from 14th to 16th March.
- Ms. Malini Thomas(HOD,ECE) attended a five day FDP on 'Linux: Novice to Expert' at GEC, Thrissur from 11th to 18th January.
- Ms. Ros Marie C. Cleetus (Asst.Prof. ECE) attended a research colloquium on 'Research Practices' at Karunya University on 27th February.
- Ms.Jeenu Jose(Asst.Prof. EEE) attended a workshop in design and Engineering on 12th January at FISAT Angamaly.
- Ms. Savitha P and Ms. Shelmy F Anand (Asst.Prof.General Science and Other Engineering) have attended International conference on 'Advances in applied Mathematics, Materials Science and Technology for Engineering and Industrial Applications' from 7th to 9th January at FISAT Angamaly.