



Techno Beads

SAHRDAYA NEWS & VIEWS

SAHRDAYA
College of Engineering & Technology



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INSTITUTE VISION

To train the youth to be the leaders of tomorrow with apt skills, deep rooted sense of social responsibility, strong ethical values and with a global outlook to face the challenges of changing world

INSTITUTE MISSION

With a high calibre faculty and an excellent infrastructure, we promote academic excellence, absolute discipline and sound practical exposure

CHAIRMAN'S MESSAGE



Sahrdaya College of Engineering and Technology has always been dedicated in its effort in bringing dynamism into lives of every student. The college is committed to foster in its students the pursuit of individual excellence and participation in the full range of academic, spiritual, cultural, social and physical activities to make them evolve as all-rounder. We are passing through a very particular period of history. It is important that one gets thorough grounding in academics as well as moral strength to manage one's life. Learning should be based on doing things and not merely knowing things. The knowledge that you gain, the fine qualities that you imbibe and the technical skills that you learn to apply will be your major contribution to your parents, to the society and to the nation. It gives me immense pleasure to note that Sahrdaya is coming up with yet another issue of College news letter "Techno Beads". I hope techno beads will uncover the mile stones of Sahrdaya in its fruitful journey towards excellence


Mar Pauly Kannookadan
Bishop of Irinjalakuda Diocese

SAHRDAYA WELCOMES



Manager and Executive Director
REV. MSGR. LAZAR KUTTIKADAN



Director
REV. DR. JOSE KANNAMPUZHA

SPECIAL EVENTS & ACHIEVEMENTS

► Sahrdaya College signed MoUs with two of its Industrial & Research Institute partners- Jubilee Mission Medical College & Research Center

and KELTRON Kerala on 8th December 2016.

- Students from Socoroso School, Mala visited Sahrdaya on 16th January as part of the Social Responsibility Initiative. A session- 'Math's Magic' and a quiz programme was conducted by the Mathematics Department.
- Students from MAPS School, Chalakudy visited our college as part of the Social Responsibility Initiative on 25th January. A Career Guidance session by Vini Jose (HR & Placement Officer) and a session by Faculty of Physics Department along with a Quiz programme were conducted.
- The national flag hoisting ceremony was conducted on 26th January in the college campus in connection with 68th Republic Day.
- The IEEE Kerala section recognized Sahrdaya IEEE student branch as the most promising branch in Kerala and the third largest in Kerala.
- The IEEE student branch organized one day workshop on 3DS Max for Civil Engineering students on 18th February.
- The two day Arts festival "Symphony 2K17" was conducted in the college during 3rd and 4th March. It was inaugurated by the play back singer Faizal Razi. Ms Keerthy Madhavan (S₈ EC B) and Ms Arya Rajeev (S₆ BM) were selected as Kalathilakam, Mr Harikrishnan (S₈ BT) as Kalaprabhitha and Mr Sreerag Saleesh (S₄ EC B) as Sargathilakam.



SYMPHONY 2K17

- Dr L.S Ganesh, Professor from IIT Chennai delivered talk for the first year students and staff on 22nd March.
- In connection with world water day all staffs and students were taken a pledge on the importance of water conservation on 23rd March
- The 15th Annual College Day was celebrated on 24th March. Vice Chancellor of Sree Sankara Sanskrit University Dr M.C Dileepkumar delivered the inaugural address.
- EBSA- The technical Association of Biomedical Engineering Department was awarded with the Best Association among six branches. On 27th March our college signed an MoU with one of the largest Multinational company, GE Healthcare. With this MoU GE will setup centre of excellence at the Sahrdaya campus for health care Biotechnology



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and Biomedical Technologies. The corporate training programme at the campus will help the students to be ready for the industry from day one wonders.



SIGNING OF MoU WITH GE HEALTH CARE

- ▶ A final input session for the outgoing batch of students were arranged on 31st March.
- ▶ Vishnu Rajan (Asst Prof, ECE) was awarded Ph.D in 'Engineering and Technology' from Jodhpur National University.



VISHNU RAJAN (ASST PROF, ECE)

- ▶ The inauguration of Sahrdaya Aero- Space club was conducted on 12th May. Scientific adviser to the Kerala Chief Minister and the former director of VSSC, Padmasri M.C. Dathan was the chief guest.



PADMASREE M.C DATHAN INAUGURATING AEROSPACE CLUB

- ▶ A teachers training program was conducted for MAPS School, Chalakudy and St. Antony's School, Karottukara in our campus on 25th and 26th May. Nearly 75 teachers participated. Fr Lazar Kuttikadan (Manager & Ex. Director) inaugurated the programme. Fr. Dr. Jose Kannampuzha (Director, SCET) Dr. George AP, (Director SIMS), Dr. Leon Ittiachen (Associate Prof., BTE) and Mrs. Vini Jose (HR&Placement Officer) were the facilitators.
- ▶ The inaugural ceremony of 3rd International conference on Trends in Research, Engineering and Developmental Sciences (TRENDS'17) organized by CSE department in association with ECE, BTE and EEE departments was on 16th June. Cdr John Edison (Senior Leadership Facilitator, CTS, Coimbatore) delivered the keynote address.



▶ The inauguration of GE- Sahrdaya Industry academic collaboration and the blessing of the new GE- Sahrdaya Center of Excellence in Health care Technologies Lab was done on 21st June. Inaugural address was given by Dr Kuncheria P Isaac, Hon. Vice Chancellor, APJ Abdul Kalam Technological University. Mr Maneesh R Pherwani (GM, South Asia Education & Professional Services, GE Health care), Mr Mandeep Singh (Chief commercial officer, GE), and Mr Marut Setia (Head of Education and Skill Development for GE Health care across South Asia, Africa and ASEAN region) attended the function.



HIS EXCELLENCY BISHOP MAR PAULY KANNOOKKADAN BLESSING THE NEW LAB



DR KUNCHERIA P ISAAC INAUGURATING GE- SAHRDAYA CENTER OF EXCELLENCE IN HEALTH CARE TECHNOLOGIES LAB

- ▶ The seventh semester classes started on 27th June.
- ▶ "Train the Trainer" Program on Python and Python – Database Integration by Infosys was conducted in our campus during 28th to 30th June.



PARTICIPANTS OF TRAIN THE TRAINER PROGRAMME BY INFOSYS

- ▶ Franklin P M of S₈ BTE qualified GATE 2017 with a score of 661 which is 99th position in all India Level.

UNIVERSITY RESULTS

▶ The third semester results of 2015 batch of M.Tech were announced and the overall pass percentage in Embedded Systems (100%), Industrial Biotechnology (100%), Computer Science (100%) Power Electronics & Drive (100%). The following are the toppers in various branches.



ANNA JOSEPH.
(ES-SGPA:8.79)



ANITA BABU
(CSE-9.43)



PAULOSE T
(PED-10)



RIA ROY
(IBT-9.21)

▶ The first semester results of 2016 batch of M.Tech were announced and the overall pass percentage in Embedded Systems (85.7%), Industrial Biotechnology (100%), Computer Science (100%), Power Electronics & Drive (66.67%). The following are the toppers in various branches.



JOHNCY JOHN
(ES-8.71)



GAYATHRI
(CSE-8.19)



DONCY K JOHN
(PED- 7.71)



ANCY K TONY
(IBT-9.31)

▶ The 7th semester results of the 2013 admission batch were announced. The overall pass percentage is 85.5%. The pass percentages in various branches are as follows. BM: 100%, BT: 100%, CE: 82%, CS: 82% EC: 92%, EE: 57%. The following are the toppers in various branches.



AMRUTHA AJAY
(BM-9.21)



ALEENA SEBASTIAN
(BT-8.96)



JOSEPH P.D
(CE-8.4)



MERIN K.J
(CS-8.38)



ANIMOL DEVASSY
(EC-8.86)



FEBIN V.V
(EE-8.71)

▶ The 6th semester results of the 2013 admission batch were announced. The overall pass percentage is 85%. The pass percentages in various branches are as follows. BM :100%, BT: 98%, CE :71%, CS: 83.2%, EC: 91% and EE: 66%. The following are the toppers in various branches.



AMRUTHA AJAY
(BM-8.98)



ALEENA SEBASTIAN
(BT-9.3)



JOSEPH P.D
(CE-8.4)



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NICEY JOSE
(CS-8.86)



NEETHU JAMES
(EC-8.89)



SREDEVI R
(EE-8.7)

▶ The 4th semester results of the 2014 admission batch were announced. The overall pass percentage is 71%. The pass percentages in various branches are as follows. BM :72%, BT: 83%, CE :63%, CS 67%, EC: 69% and EE: 71%. The following are the toppers in various branches.



JASMINE FRANCIS
(BM-8.86)



POOJA V CHANDRAN
(BT-8.43)



JEFFYJOHNY
(CE-8.57)



ANJALY KAKKASSERY
(CS-8.86)



ATHIRA VENUGOPAL
(EC-8.71)



ANITT TONY
(EE-8.79)

▶ The 3rd semester results of the 2015 admission batch under KTU were announced. The following are the toppers in various branches.



FARZANA AYOOB
(BM-8.42)



GAYATHRI RAJEEV
(BT- 8.48)



LAKSHMI.N
(CE- 8.46)



MERIN DAVID
(CS-9.17)



JINIYA JOHN
(EC- 8.33)



VIMAL A.V
(EEE-8.6)

**HR & PLACEMENT CELL**

- ▶ The seminar “Blueprint of GATE 2017” was arranged for final year students on 13th January.
- ▶ Two days of orientation program was conducted for students shortlisted by Indian Navy by Staff Selection Board. The practical training was provided by Brigadier R. R. K. Nair.
- ▶ Fine Engineers and Architects conducted the recruitment for the final year students on 17th January. Fourteen students were shortlisted.
- ▶ NIIT conducted a Graduate Employability Test for the S₆ and S₈ students on 20th January.
- ▶ Industry Institute Interaction Cell arranged a seminar for S₈ students on “Engineering Project Management” by Dr. Sinu Philip, Sr. Project Manager, NAEL General Contracting, Dubai on 6th February.
- ▶ A webinar was conducted for the Computer Science Department faculty by Infosys Campus Connect on 7th February.
- ▶ Passport Seva Officials from Thrissur office conducted online registration training for the staff and students from final and pre-final year on 10th February.
- ▶ Zifo R&D conducted campus recruitment for the final year Biomedical and Biotechnology students on 17th February. The criteria were 6.5 CGPA with no backlogs. It was a pool drive wherein 6 colleges participated. Two students of Sahrdaya got selected.
- ▶ RVS Group of Institutions conducted an Aptitude Test for final year students of CS, EC and EEE branches on 28th February.
- ▶ Mrs. Vini Jose (HR and Placement Officer) was awarded as the Best Faculty for the participation in the event during the Master Class in “Digital Strategy” conducted by RVS Group of Institutions on 8th March.
- ▶ Infosys Principal Meet was conducted at Trivandrum on 24th March. Dr. Vince Paul (HOD,CSE) and Mrs. Vini Jose (HR and Placement Officer) attended the meeting. Sahrdaya College of Engineering & Technology was retained the Advanced level status.
- ▶ A faculty development program by Mr. Joe A Scaria (Ex. Senior Asst Editor, Economic Times) was conducted on 25th March on the topic “Objects in the mirror are closer than you think”
- ▶ Feather soft conducted interview for the 2017 pass out students of BM & BT disciplines on 1st April. Two students got selected.
- ▶ Mrs. Vini Jose (HR and Placement Officer) conducted a training for the D.Ed students of S.N Teachers Training Institute, Irinjalakkuda on “Importance of Communication Skills for teachers” on 20th April.
- ▶ Federal Bank Interview was conducted for the 2017 pass out students of all disciplines on 10th May. Two students got selected.
- ▶ Students also attended recruitments conducted by following companies: Cadence, Experis IT, Fine Hub, Think Palm, Green Method Engineering, Web & Crafts, MQ Spectrum, Six Dee Technologies, Xtend Technologies, Reliance & IVTL Infoview Technologies and Sunny Diamonds.

PRIZES SECURED IN PROJECT COMPETITIONS

- ▶ Students from S₈ Bio Medical Engg. – Riya T Raphael, Anna Babu, Ajith Porinchi, Amala Sherin & Sneha Joy participated in Dr. Pradeep Thevannoor Innovation Awards organized by SCMS,

Cochin and won the consolation prize of Rs. 5000. It was guided by Mrs. Smitha R.S (Asst. Prof., BME)

- ▶ Ms Gayathri V, Mr Anoop Jayson, Pooja Harshan and Nikhil Samuel of S₈ BME participated in APJ Abdul Kalam Innovation Ecosystem Contest at Sri Sairam Engineering College Chennai and secured second prize worth Rs 50,000. The project topic was “Automated bed for treating bedsores in immobile and geriatric patients”. It was guided by Mrs Reshma Jose (Asst. Prof. BME)

**SECOND PRIZE WINNERS OF APJ ABDUL KALAM INNOVATION ECOSYSTEM CONTEST**

- ▶ The student group from S₈ BME consisting of Alka Rajendran, Athira Y Das, Aysha PM and Antony Padamadan participated and secured first position in the Srishti Project Expo 2017, organized by Saint Gits Engineering College Kottayam. They received the certificate of appreciation and cash prize of Rs 15,000. Same group of students participated in the project competition Texlore at GEC Trivandrum and secured first position. They received certificate of merit and cash prize of Rs 9000. The project was guided by Prof. Yuvraj (HOD, BME).
- ▶ A team of students from S₈ BME participated in the ‘Aavishkar Project Expo’ organized by IES Engineering College, Chittilappilly and secured the third position on 12th April. The members were Ms Nimmy Wilson, Ms Dona Varghese, Ms Manisha K.G, Mr Don Davis and Ms Aparna Ann Davis. The same team participated in the idea presentation competition and secured first position.
- ▶ A group of students from S₈ Biotechnology comprising of Aleena Sebastian, Swathy & Jeena Elizabeth secured the Innovative Award in SRISHTI Project Expo 2017 organized by Jyothi Engineering College. They received the Certificate of Appreciation and cash prize worth Rs.7000. The project was guided by Ms. Smeera Thomas (Asst Prof, BTE).
- ▶ Final year student team consisting of Ms. Reeba Roy, Ms. Navya Sunny, Ms. Prabha John, Mr. Kiran Joy won the Best Civil Engineering project award at Srishti- a national level project competition held at Saint Gits College of Engineering, Kottayam. They received a cash prize of Rs.12,000 and certificate of merit. The project was guided by Mr Antony Francis (Asst Prof, CE)
- ▶ The project titled “E waste as construction material” from final year Civil Engg. won the best project award at project competition held at Saint Gits College of Engineering, Kottayam. They received a cash prize of Rs.12000. The group members are consisting of Ms. Dilna George, Ms. Anjitha Asokan, Ms. Doris Ann Peter, Ms. Kavya K S and Ms. Athira K. The project was guided by Prof. Aiswarya



M S. (Asst Prof. CE)

- ▶ Students from S8 EC -Troy M Jose, Nikhil Nandan, Said Jubair, and Sanal Sukumaran participated in Drishti’17- Technical Fest of College of Engineering Trivandrum and secured first prize in the Innovation Challenge’17. They received certificate of merit and cash prize worth Rs. 15,000. This team also received Rs. 11000 as financial assistance from KSCSTE. Their supervising guide was Ms. Ancy Joy(Asst Prof, ECE)

**THE INNOVATION '17 AWARD WINNERS WITH THEIR MODEL****STUDENT PROJECT GRANTS**

- ▶ The project titled “Defluoridation of drinking water using low cost filter for rural areas” with Prof. Davis P C (Prof, Civil Engg.) as Principal Investigator and Ms. Shruthi Balachandran, Ms. Himadrija K, Ms. Merrine Paul, Ms. Anjana K, Ms. Catherine Robert and Ms. Neenu K Chandy as Student investigators had been granted an amount of Rs. 6000 from KSCSTE.
- ▶ The project titled “E waste as construction material” with Ms. Aiswarya M S(Asst Prof CE) as Principal investigator and Ms. Dilna George, Ms. Anjitha Asokan, Ms. Doris Ann Peter, Ms. Kavya K S and Ms. Athira K as student investigators had been granted Rs.6000 by the KSCSTE.

INTER COLLEGE PARTICIPATION

- ▶ Ms Akhila D of S₆ BME attended the workshop of FAB EXCEL which included classes on 3D designing software at MES AIMAT , Aluva on 4th March.
- ▶ The following students of S₈ CE secured first prize in the technical paper presentation conducted at Thejus Engineering College- Ingeious ’17. The members are: Doris Ann Peter, Anjitha Asokan, Athira K, Kavya K.S and Dilna George. They received the momento, certificate of excellence and cash prize of Rs. 6000.
- ▶ Ms. Meenu Muralidharan and Merin K J of S₈ CS secured second place in Prayudh’17 ,the intercollegiate quiz competition organized by CSI students branch and CSE department, Viswajyothi College of Engineering and Technology ,Vazhakulam on 14th February .
- ▶ Ms. Merin K J, Ms.Sreelakshmi K V, Ms. Sandra A. R, Ms. Sreelakshmi Nandakumar, Mr.Vivek John, Ms. Sreehari V S, Ms. Nijiha Jose of S₈ CS were awarded as Best Performer in the competition in Digital Strategy held on 8th March at RVS Educational Institutions ,Coimbatore. They received certificates and cash prize of Rs. 5,000. Another group consisting of Francis Fendry,Sreejayanth E.S, John A.R and Dinu John also participated in the competition and secured second runner up position. They received certificate and cash prize of Rs. 2,000.
- ▶ Ms. Meenu Muraleedaran and Ms.Merin K J of S₈ CS won



Quiz Competition (Women’s) Conducted by AIMA Mangement Olympaid 2017 held at Sahrdaya College of Management Studies on 27th and 28thMarch.

- ▶ Mr. Vivek John and Ms. Sandra A.R won the poster making competition conducted in association with AIMA Management Olympiad 2017 held at Sahrdaya College of Management Studies on 27th and 28thMarch.
- ▶ Ms. Nambissan Shruthi Vijayan and Ms. Henna Francis participated and secured second prize in Celestia’17 intercollegiate Quiz Competition conducted by ACM student chapter, FISAT on 30th March.
- ▶ The college women table tennis team secured runner up position in PECSAGA tournament. The team members were Aiswarya P, Ananya Agustin, Megha Benny, Thushara Rhoney and Thamanna K.
- ▶ South Indian Inter Collegiate football tournament was held at Vidhya Academy of Science and Technology- Vidhya games 2017. Sahrdaya college team won 5th position among 32 teams. The team members are: Vishnu Shaji, Vishnu K.B, Joel Simthey, Christo. V Jose, Troy M Jose, Antony J, Fousan P, Abdul Basith, Pranav and Evans

TECHNICAL ASSOCIATIONS**EBSA (BME ASSOCIATION)**

- ▶ EBSA arranged a technical talk for the final year students by Dr Martin D, Senior Biomedical Engineer at Workman’s Hospital, Ireland on 9th January.
- ▶ An alumni interaction was conducted for the final year and pre final year students of BME department on 19th January. The alumni members Mr. Vipin Varghese, Biomedical Engineer, Dubai and Mr Dil Sabu, Agappe Diagnostics Ltd Ernakulam addressed the students.
- ▶ An invited talk by Mr. Sudhir and Mr. Shanaf, experts in Ophthalmic based equipments, Dr. Rani Menon’s Eye Clinic, Thrissur was arranged on 24th January.
- ▶ BME department signed Memorandum of Understanding with Niranjan Ultrasound India Pvt. Ltd on 7th February.
- ▶ A technical talk was conducted by Mr Gopinath, General Manager, Philips Electronics India Ltd, and Mr Santhosh, GE Health Care Ltd on 7th February.
- ▶ EBSA inaugurated a skill development club EBSA-SDC on 17th February. In connection with that a talk had been arranged on Skill set required for Biomedical Industry by Mr Sujith, M.D & CEO, IBIS medical systems Pvt Ltd.

**MR SUJITH DELIVERING THE TALK DURING THE INAUGURATION OF SKILL DEVELOPMENT CLUB**

- ▶ A group of nine students from S₆ BME visited Dr. Rani



Menon's Eye Clinic, which is one of the leading Eye care centers in Kerala with its highly sophisticated modern clinic at Thrissur and Guruvayur on 3rd March.

▶ A memorandum was signed between Dr. Rani Menon's Eye Clinic and Sahrdaya College of Engineering and Technology. Under this memorandum the students shall be provided with internships and paid training. An interactive session was conducted by Dr. Rani Menon on the same day.

▶ A MATLAB workshop was conducted for S₆ BME students by Lakshmi Infotech on 18th and 19th March. The session included thorough understanding of the basics of MATLAB.

▶ Dr Samuel Mathew, Executive Director of National Institute of Speech and Hearing, Trivandrum and National Institute of Physical Medicine and Rehabilitation, Kallettumkara addressed the Biomedical students on 29th March.

▶ Mr R Rajkrishna Rajan, Engineer'D', Sree Chithira Tirunal Institute for Medical Sciences and Technology, Trivandrum addressed S₄ and S₆ BME students on 1st April

▶ Dr Andrew Curran , Pediatric neurologist, Alder Hey Children's hospital, Liverpool, addressed the S₄ and S₆ BME students regarding 'children disability' on 10th April in the multimedia conference hall through a webinar session.

▶ An add on session was conducted for the students of S₄ BME by Ms. Ann Sonia (Asst Prof. BME) on 'Proteus Design Suite' which is an Electronic Design Automation (EDA) tool including schematic capture, simulation and PCB Layout modules

BEATS (BTE ASSOCIATION)

▶ Mr. Mahesh Kumar, Manager – Technical at BPCL Kochi division, delivered a technical talk to S₂ & S₄ students on 10th March.

▶ A motivational talk was arranged on 1st April by Mr.Boby Mohan (Entrepreneur & IT professional) for S₂ & S₄ students.



MR BOBY MOHAN DURING THE MOTIVATIONAL TALK

▶ The following students of S₈ BTE qualified GATE2017: Vishnu K ,Sneha A, Abey Joseph, Linus, Ann Maria Tony, Navia Vinoy.

EMAGE (ECE ASSOCIATION)

▶ Department Advisory committee was formed on 31st December 2016.

▶ A peer sharing session was conducted by Dr Arun Thomas on the topic 'Nanophotonics'



PEER SHARING SESSION BY DR ARUN THOMAS

▶ An add on course for 6th semester students on MATLAB was conducted on 21st March.

▶ As a part of S4S programme, a session on 3 D printer was handled by 8th semester ECE students for the current first year students.

▶ An alumni interaction session by Mr Vipin Vijayan, Application Architect, IBM China (an alumnus of 2007 pass out batch) was arranged for the 3rd year students on 26th April.

ACES (CSE ASSOCIATION)

▶ An alumni interaction was conducted by Soumya George 2016 batch pass out on 18th March for S₈ CS students

▶ A workshop on Linux and Cloud computing was organized for S₆ CSE students by IPSR Solutions Limited, Kottayam on 27th March.

▶ Hands on session on web development was conducted by Mr Anik Raj, student, S₈ CS A.



MR ANKIT RAJ CONDUCTING A SESSION ON WEB DEVELOPMENT

▶ A technical talk on 'Machine learning using python' for CSI students was conducted from by Mr. Pankaj, Assistant Professor, FISAT, Mookkannur

▶ Ms.Meenu Muralidharan from S₈ CSE qualified for the GATE 2017.

AESON (EEE ASSOCIATION)

▶ A motivational talk was delivered to S₆ EEE students by Dr George A.P, Director, Sahrdaya Institute of Management Studies on 16th January.

▶ An invited talk on "Energy audit and management" was given by C.Jayaraman, Energy auditor on 21st March to Energon club members



TALK BY MR C JAYARAMAN

▶ On 7th February, Er. V Krishnan Nambiathry of Electrical Inspectorate Engineers Association delivered a talk on "Electrical System Design".

PACE (CE ASSOCIATION)

▶ "SAHRDAYAM 2017" was launched with the help of 2014 batch CE students and the Faculty Coordinator as Prof. Devis P C. The program aims at recharging the Ground water. A survey was conducted at the Pulipparakunnu Panchayath regarding the availability of water.

IEDC @ SAHRDAYA

▶ On 8th of December, 2016 Mr. Raman Gujral , Regional Coordinator-South , Entrepreneurship Development Institute of India addressed Faculty members of SCET.

▶ On 19th and 20th of December, 2016 IEDC arranged Startup i3 residential ideation camp at Sahrdaya College of Engineering & Technology, Kodakara. The program was completely sponsored by Kerala Statup Mission and from 14 different colleges 70 students participated.

▶ Kerala Startup Mission Sanctioned a financial assistance of 2 Lakh Rupees for implementing an Industry level IOT Lab for Sahrdaya College of Engineering through IEDC.

▶ On 19th of January, IEDC Coordinator Jibin Jose and GYTI 2016 awardees attended GYTI meeting at IIM Ahmadabad Chaired by Prof. Anil Gupta, Executive Vice Chairman of National Innovation Foundation.

▶ Hardware Club of IEDC conducted IOT & Raspberrypi makers workshop at the college from 10th to 17th February, 2017

▶ IEDC arranged a talk on "How to startup your dream journey for the final year students by Mr Abhilash Pillai, Founder and CEO of Bloombloom dreambiz Pvt Ltd on 28th February.

▶ Under the leadership of Mr Jis Paul(Asst Prof, BME), Prof. Jibin Jose (IEDC Co-ordinator) and Prof. Deepu Kurian (Asst Prof, ECE) , IEDC Sahrdaya organised a TEQIP 3Day Design Thinking Workshop from 2nd to 4th of March at College of Engineering , Kidangoor, Kottayam.

▶ IEDC Coordinator attended nodal officers annual meeting at Kerala Technology Innovation Zone, Kochi from 24th and 25th of March.

▶ Coders Club of IEDC Sahrdaya organised a workshop on basics of HTML, CSS with fire base backend.

▶ Design Club of IEDC Sahrdaya in association with FABLAB Kerala organised FabXL , a two day inter collegiate digital fabrication skill development residential camp from 24th and 25th of March. The Program was completely sponsored by Kerala Startup Mission.

▶ On 21st April, 2017 IEDC Coordinator Mr Jibin Jose attended



NASCOM's LEAP EDTECH conference, as an official representation from Govt. of Kerala at India Habitat Centre, New Delhi. KSUM funded the conference expense.

▶ On 22nd April, IEDC Coordinator visited Inter University Accelerator Centre, New Delhi and interacted with scientists.

▶ On 6th of May IEDC Conducted a "Design for Better World " Design Completion for 2nd Semester students on the topic "SMART THRISSUR"

▶ Design Club of IEDC Sahrdaya conducted a design thinking session on 12th of May on the topic "Visibility and Branding of Sahrdaya". Students, Faculty's and Administrators sit together to ideate different solution.

▶ On 15th of May IEDC Coordinator facilitated "ASAP SMILE WORKSHOP" for school students of Palakad district.

NSS CHAPTER @ SAHRDAYA

▶ NSS organized the harvesting of vegetables planted by NSS in the college campus on 20th January.

▶ As per the direction from Government of Kerala for 'Lahari Vimuktha Keralam', an anti drug abuse campus club was formed in the college by NSS on 30th January.

▶ NSS unit of Sahrdaya in association with train passengers association created a hanging garden with used plastic bottles at Pudukkad railway station in their venture to clean up railway track from plastics. Panchayath president of Puthukkad Mrs. Ambili Shivarajan inaugurated the event. Dr. Vimalkumar, Professor St Thomas college, Thrissur was the chief guest.

▶ NSS started a new initiative of a Honesty Shop in the college.



INAUGURATION OF HONESTY SHOP BY THE FORMER EXECUTIVE DIRECTOR REV FR. JOJI PALAMATTATH

▶ A blood donation camp was conducted by the NSS unit on 30th March.

FACULTY EXCELLENCE

▶ Dr. Gnana King chaired a National Conference conducted in Kathir College of Engineering and Technology, Coimbatore on 16th March.

▶ Dr Nixon Kuruvila (Principal) presented a paper titled "Parametric Influence and Optimization of Wire-EDM on Hot Die Steel" in the International Conference on Industrial Engineering & Technology Management organized by Texas University, USA during 7th to 9th of April.



DR NIXON KURUVILA PRESENTING PAPER IN THE INTERNATIONAL CONFERENCE

- ▶ The following faculties qualified for the GATE 2017. Ms.Mehabooa P Shareef, Ms, Deepa Maria , Ms. Kavitha Raju, Ms. Soumya Varma , Ms. Dimple Elizbath and Mr. Vishnu G Nair (Asst Prof, CSE), Ajish P J (Asst Prof, EEE).
- ▶ Dr. Vince Paul (HOD, CSE) was selected as a reviewer of International Journal for Computers, Communications and Control, an Sci and Scopus Indexed journal.
- ▶ Dr. Vince Paul (HOD, CSE) chaired a session at National Conference ‘Discrete Mathematics & Computing ‘ February 2017 held at College of Engineering ,Vadakara sponsored by TEQIP phase II (A project of Government of India)
- ▶ Dr.Rajeswari (Asst Prof,CSE) given a Guest lecture on the topic “TURING MACHINES” to S₅ – CSE / Department of Computer Science and Engineering at Holy Grace Academy of Engineering, Mala during December 2016.
- ▶ Dr.Rajeswari (Asst Prof,CSE) currently serves as a reviewer of Computational Intelligence and Neuroscience journal by Hindawi Publication and also a reviewer of International Journal of Wireless Personal Communication by Springer Publication.
- ▶ Research work of Dr.Gopakumar (Asst. Prof, EEE) has been published as a chapter in a book entitled "Synchronized Phasor Measurements for Smart Grids" published by IET Press, UK (under IEEE).
- ▶ Mrs Binet Devassy and Mr Deepu Kurian (Asst Prof, ECE) registered for Ph.D under KTU.

PAPER PUBLICATIONS & PRESENTATIONS BY FACULTIES

- ▶ Ms. Amitha Joy published a paper entitled “Interactions of phytic acid with anticancer drug Targets” in the International Journal of Computational Biology and Drug Design, Vol. 10, No. 1, 2017
- ▶ Dr.Rajeswari (Asst Prof, CSE) published a paper on “Scope of bei in transportation field” in International Journal of Advanced Trends in Technology, Management and Applied Science, , Volume 3, Issue 1, pp.17 -23, 2017.
- ▶ Dr. Rajeswari (Asst Prof, CSE) published a paper on “A survey on Brain Controlled Car using EEG” in International Journal of Scientific Research in Science, Engineering and Technology, Print ISSN: 2395 – 1990, Online ISSN: 2394 – 4099, Volume 3, Issue 1, pp.421 -423, Jan – Feb 2017.

▶ Dr.Rajeswari (Asst Prof, CSE) published a paper on “Brain controlled car for disabled using EEG” in International Journal for Research Trends and Innovation, ISSN: 2456-3315, Volume 2, Issue 3, pp.83 -88, 2017.

▶ Dr.Rajeswari (Asst Prof, CSE) published a paper on “Survey on secure data exchange using authenticated ciphertext policy attributed-based encryption” in International Journal of Application or Innovation in Engineering & Management (IJAEM), ISSN: 2319 - 4847, Volume 6, Issue 3, pp.121 -126, March 2017.

▶ Dr.Rajeswari ,Mr. Vishnu G Nair, Ms.Dimple Elizbath, Ms.Krishnapriya K S (Asst Prof, CSE) presented a paper on “Evaluating The Reliability Of WRP: Wireless Routing Protocol Using UGFT: Universal Generating Function Technique” accepted in the IEEE International Conference on Circuits, Power and Computing Technologies (ICCPCT-2017) at Baseliros Mathew II College of Engineering during 20 – 21 April 2017.

▶ Dr.Rajeswari ,Mr. Vishnu G Nair, Ms.DimpleElizbath, Ms.Krishnapriya K S (Asst Prof, CSE) published paper on “Evaluating The Reliability Of WRP: Wireless Routing Protocol Using UGFT: Universal Generating Function Technique” accepted in International Journal of International Journal of Control Theory and Applications.

WORKSHOPS & TRAININGS ATTENDED BY FACULTIES

- ▶ Mrs. Anly Antony, Mrs. Mehbooba P Sherif (Asst Prof, CSE) attended a two day workshop on ‘Free and Open Source Softwares’ at FISAT Angamaly during 21st ,22nd December 2016.
- ▶ Mrs.Mehbooba P Sherif and Mrs Deepa Maria (Asst Prof, CSE) attended 3 day workshop on Cloud Computing conducted by Infoys at Vidya Academy of Science and Technology on 29th to 31st March
- ▶ Mr. Vishnu G Nair (Asst Prof, CSE)attended 2 day master training program on SEElablet organized by ICFOSS and Kerala Startup Mission on 23rd and 24th Febuary, 2017 at ICFOSS ,Technopark Trivandrum
- ▶ Ms.Princy George (Asst Prof, CSE) attended 2 day FDP on Design Thinking organized by IEDC cell of Jyothi Engineering College ,Thrissur on30 and 31st January 2017.
- ▶ Ms. Jeenu Jose (Asst Prof, EEE) attended a workshop on ‘Design and Engineering’ on 12th January at Federal Institute of Science and Technology, Angamaly.



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