



Sree Buddha College of Engineering, affiliated to Kerala Technological University, has been a centre par excellence in technical education. The sermons of Lord Buddha gave us a lead to be the flowers of exaltation. The primary objective is to promote education and research in the field of technology and to replenish the skills that get lurked in the budding technocrats. Each and every member in the family of SBCE pushes themselves to set the institution as an example to the world. Founded in 2002, Sree Buddha College of Engineering follows the cardinal teaching of Lord Buddha for educating the whole generation imbued with real values of life. The college focuses on the overall personality of students, empowering them to face future challenges. The college has excellent infrastructure, well equipped laboratories with modern instruments to ensure world-class education, and has qualified & well experienced faculty. Situated at Pattoor near Pandalam, a rural area of immense scenic beauty, the college is located in a lush green and picturesque landscape spread over an area of land overlooking a panoramic lagoon bordered by hillocks. The environment friendly and serene atmosphere of the campus provides a refreshing ambience for the mind and soul.

VISION

To create professionally competent engineers with human values and social commitment.

MISSION

- *Offer well balanced curriculum with student-centric approach.*
- *Encourage students to participate in innovation, lifelong learning and research.*
- *Impart ethical and human values focusing on rural needs and sustainability.*

INDUCTION PROGRAM



Inauguration of Induction program for 1year students (2018 admissions) was conducted at Asoka Auditorium on 18 July 2018. The program was arranged during 18-27 July 2018. Principal Dr. S. Suresh Babu delivered the welcome address, Chairman Prof. K sasikumar and Treasurer Sri. K K Sivadasan addressed the audience. HODs, staff, parents and students of all departments attended the function

NATIONAL CONCLAVE ON “ACCREDITATION AND BENCH MARKING”



Internal Quality Assurance Cell (IQAC) of Sree Buddha College of Engineering organized a National Conclave on “Accreditation and Bench marking: An approach towards quality enhancement in technical education on 21- 22nd Decemebr 2018. The workshop

was opened with the welcome note by Dr. M. S. Senthil Saravanan. Organizing Secretary & Coordinator- IQAC in the inaugural session at 9.30 am on 21st Dec, 2018. Dr. S. Suresh Babu, Principal & Chairperson- IQAC explained about the conclave. In his speech, he mentioned the various programs organized in SBCE to promote awareness about the quality enhancement. The felicitation address was given by Shri. K. K. Sivadasan, Treasurer, Sree Buddha Educational Society. Mr. Binu Sankar, Director, Ernest & Young inaugurated the Conclave and Dr. Gopakumar, Coordinator of National Conclave delivered the Vote of Thanks. On the first day, Mr. Binu Sankar delivered a plenary talk on Engineering education in India: Vision 2030. He said that Contribution to National Development, fostering global competencies among students, inculcating value system in students, promoting use of technology and quest for excellence are the core values of future engineering education. In the afternoon, Dr. Saji Varghese, NBA Coordinator of SBCE delivered speech on Outcome Based Education. The second day of the National Conclave was opened by Dr. T.O. Suresh Kumar, Managing Director, MAKS Automations at 9.30 am. He has thrown light on Entrepreneurship quality of students. Dr. S. Suresh Babu presided over the valedictory function and distributed participant certificates. Participants have expressed their pleasure attending the workshop and interacted with the resource persons during and after the sessions.

DONATION TO CHIEF MINISTERS RELIEF FUND

Government of Kerala have invited financial support from various organizations, Institutions and public for resurgence of Kerala after the State faced severe hazards of flood in the month of August 2018. As a part of efforts to extend financial support the members of staff of Sree Buddha College of Engineering, Pattoor, Nooranad, Alappuzha have donated Rs. 2,00,974/- to the Chief Minister's Distress Fund. The Demand Draft towards the amount was handed over by Principal Dr. Suresh Babu to Hon'ble Minister for Public Works, Sri. G. Sudhakaran and Hon'ble Minister Food and Civil Supplies, Sri. P. Thilothaman in the presence of Mavelikara MLA Sri. R. Rajesh at a function held in Bharanicavu Block Panchayath Office



Donation to Chief Minister's Distress Fund being handed over by Principal Dr. S Suresh Babu to honorable Minister for public works, Sri G Sudhakaran, in presence of Honorable Minister for food and civil supplies, Sri P.Thilothaman, Sri. Kodikunnil Suresh, M.P and Sri. R. Rajesh, M.L.A

XPLORE2K18



On 27th and 28th November 2018, SBCE organized Xplore'18, a technical exhibition by all departments to showcase the depth and wonders in various areas of engineering and was targeted to benefit students from various schools. The expo was open to visitors from 9.00 am – 4.00 pm, and over 2000 students from various CBSE & State Schools witnessed the technical exhibition. Main attraction of the exhibition was the working projects created by the students of the college. A still model of Mangalyaan which was made by using low cost materials was made and placed in the college. Moving robot, working dam, automatic railway gate indicator, moon landing display, gun expo, demo on Kerala flood, evolution of electronics, automobiles expo etc captured the attention of the visitors. The highlights of the expo included arms and ammunition display by "ITBP", anatomy display by 'Mount Zion medical college Virtual reality by FAB lab, Floating house and clock tower among others. A 3D printer named "JECKYL" created, assembled and implemented by S5 student of ECE, Mr. Justy John amazed everyone. A darkroom was created where three areas of world was included in one room along with interesting games. An eye-catching Drone show was also organized as part of the expo. Students from various schools and colleges arrived to see the exhibition. The works of the students were appreciated by the visitors.

UN DAY 2K18

As part of the United Nations Day Celebration, the UNAI ASPIRE Students Chapter successfully conducted 'UN DAY 2K18' on 24 October 2018. The theme for this year was 'Climate Action and Life on Land- the Sustainable Development Goals'. Prof. Athira Shaji, UNAI ASPIRE College Joint Coordinator welcomed the gathering. The function was presided over by Dr. S Suresh Babu, Principal, Sree Buddha College of Engineering, Pattoor. Dr. Manoj Narayanan, Environmental Biotechnologist, inaugurated the event and gave an expert talk on "Climate Action and Life on Land- the Sustainable Development Goals". Mr. Vishnu Mahesh, UNAI ASPIRE Student Coordinator, felicitated the gathering. The vote of thanks was given by Prof. Vishnu J, UNAI ASPIRE College Coordinator



DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING

INAUGURATION OF ETA (ELECTRONICS TECHNOCRATS ASSOCIATION)



I

Inaugural address by chief guest Mr. Arun A.T. (Sub Divisional Engineer, BSNL)

ETA (Electronics Technocrats Association - an association of Department of Electronics and Communication) activities for the academic year 2018-19 was inaugurated by Mr. Arun A.T., Sub Divisional Engineer, BSNL on 12-10-2018 at the conference hall, library block, presided over by Dr. S. Suresh Babu, Principal SBCE. The programme was inaugurated in the presence of Prof. Pavitha P P (HoD, ECE) and Prof. Saritha N R (association coordinator, ECE). After the inauguration, a technical talk on “modern trends in mobile communication” was delivered by the chief guest. Mr. Justy John, student of 5th semester ECE demonstrated the low cost 3D printer designed and developed by himself. In the meeting P Anisha student of 7th semester ECE was appreciated for achieving the state level NSS best volunteer award.



Presenting a memento to Mis.P.Anisha , student of 7th semester ECE for achieving the State Level NSS Best Volunteer award

AWARENESS PROGRAM ON HEALTH HAZARDS OF CELL PHONES

Department of Electronics and Communication Engineering, Sree Buddha College of Engineering in association with JOSCO College of Nursing Edappon, Pandalam organized the event to make the younger generation aware of health hazards of cell phones. Doctors and students from Josco college handled the session.



Session on health hazard due to mobile phones

FACULTY TRAINING PROGRAM ON “THINK INNOVATIVE, DESIGN SMART”

A faculty training program on “Think Innovative, Design Smart” was organized by the department

of Electronics and communication engineering. Design thinking is one of the innovative strategies to design products for different problems using creative thinking. This workshop is intended to acquaint the participants with aspects of design thinking, design methods and practices, design pertaining to user understanding and its relevance in the modern context.



Ideation by Dr Manoj Narayanan, Associate Professor from department of BT&BCE

PRABODHANA’S CANCER AWARENESS PROGRAMME



On 30th October 2018, a one day seminar was organized by Dept. of Electronics & Communication Engineering, under Prabodhana aiming to enlighten women community on breast cancer and cervical cancer. This event of Prabodhana was inaugurated by Sri. P. Asokan Nair, President, Nooranad Grama Panchayath. Prof. Athira Shaji welcomed the gathering and Smt. V. P. Madhukumari, Vice President, Nooranad Grama Panchayath delivered the presidential address. Dr. Suresh

Kumar, Civil Surgeon, District Cancer Care Unit, Mavelikkara District Hospital was the keynote speaker for the event. Ms. Sruthi S of S7 ECE delivered the vote of thanks. Breast cancer affects 25.8 per 100,000 women in India (average). It is the leading cause of cancer in women. October being the breast cancer awareness month, a talk on 'Breast Cancer – Diagnosis & Treatment' was delivered by Dr. Suresh Kumar, Civil Surgeon, District Cancer Care Unit, Mavelikkara District Hospital. The talk also included awareness on self screening techniques and treatments for identification of various types of cancers. The second half of the event included a session by Dr. Nisha A R, Gynaecologist, Medical Mission Hospital, Tiruvalla, on cervical cancer awareness. The event was conducted at Conference Hall of Nooranad Grama Panchayath. The activity was organized for about 100 women of Nooranad Panchayath.

DEPARTMENT OF BIOTECHNOLOGY AND BIOCHEMICAL ENGINEERING

ENGINEER'S DAY CELEBRATION

Sree Buddha College of Engineering, Pattoor celebrated the 51st Engineer's day on September 18, 2018. The Institution of Engineers (India) students Chapter of Department of Biotechnology and Biochemical Engineering, Sree Buddha College of Engineering and The Institution Of Engineers (India) Kollam Local Centre jointly organized a one day Seminar on the topic "Kerala Flood 2018 & Flood Management in Kuttanad Region" as part of the celebration. Dr. J R Anoop Raj, Head, Department of Biotechnology and Biochemical Engineering welcomed the gathering and the function was inaugurated by Shri.K.K.Sivadasan,

Treasurer Sree Buddha Educational society. The invited speaker for the day was Dr. Gopakumar R, Professor, Department of Civil Engineering, Sree Buddha College of Engineering Pattoor. Mr. Madhav K (IE(I), College Coordinator) felicitated the program and Dr. Malu Ravi proposed vote of thanks. The lecture was followed by ideathon contest for the students on the theme "Kayakalpa- An ode to mother nation"



Inauguration ceremony of the Engineers day celebration



Dr. Gopakumar R delivering talk on Engineers Day celebration

ONE DAY SEMINAR ON "SAY NO TO DRUG –AN AWARENESS PROGRAMME"

Drugs are a kind of psychoactive substances consumed to change the way they feel, behave or think. Drug abuse is a patterned use of substance in which the user consumes the substance in

amounts or with methods neither approved nor supervised by medical professionals. Use of drugs may lead to criminal penalty in addition to physical, social and psychological harm, both strongly depending on local jurisdiction. To educate youth about the negative effects of drug addiction, Department of Psychiatry, Josco College of Nursing and Department of Biotechnology & Biochemical Engineering, Sree Buddha College of Engineering jointly organised a seminar on SAY NO TO DRUGS –an awareness programme on Monday, 6th August, 2018. Dr. Anoop Raj J R, Head, Department of Biotechnology & Biochemical Engineering, welcomed the gathering. Dr. S Suresh Babu, Principal, Sree Buddha College of Engineering delivered presidential address. Sri. K K Sivadasan, Treasurer, Sree Buddha Educational society inaugurated the seminar. Ms. Jyothiz George, Josco College of Nursing gave a technical talk on the factors affecting drug abuse and impact of drug usage. She also conveyed awareness about the negative repercussions of drugs so as to discourage their use. It was a very informative session to the students. Dr. Malu Ravi, Seminar co-ordinator proposed the vote of thanks.



participants of Say No To Drugs with the faculty members of the BT&BCE Department



Ms Jyothiz George lecturing on Say No To Drugs

“JEEVAJALA”-WATER ANALYSIS CAMP

Department of Biotechnology & Biochemical Engineering conducted a drinking water quality monitoring camp “Jeevajala” on 27th and 28th September 2018 at Pandalam in association with Pandalam municipality and water treatment Plant, Mangaram, to analyse the water quality in the flood affected areas in and around Pandalam and analysed around 200 samples from nearby areas. The camp was inaugurated by Vice chairperson, Pandalam municipality.



Participants of Water analysis camp JEEVAJALA with the faculty members of the Department of BT&BCE

ONE DAY INVITED TALK ON “EFFACE OUR E-WASTE”

Under PRABHODANA-“enlightenment through science”, a programme jointly conducted by the Kerala State Council for Science, Technology & Environment and Sree Buddha college of Engineering, Pattoor, Nooranad. An invited talk on “Efface our e-waste” was organized on 19th September 2018 at Pope Pius higher secondary school, Kattanam. The programme was organized by KSCSTE, Department of Biotechnology and Biochemical Engineering, Sree Buddha College of Engineering, Pattoor and Earth Sense Recycle Pvt. Ltd.. A one day talk was arranged for the students of class XI & XII of Pope Pius XI school, Kattanam, Kayamkulam. The programme was launched with the objective to evaluate and analyse the disposal behaviour and public perception/awareness on E-waste. There is an urgent need to streamline and sensitize young minds to the environmental problems and concerns. Students must have awareness about environmental problems so that they can play their role very effectively in proper waste management.



Delivering expert lecture to the participants of “Efface our e-waste”

ALUMNI MEET



Inaguration-Alumni meet



Students along with staff in the Alumni meet -2018

It is reported with pleasure that the Alumni Meet 2018 organised by the Department of Biotechnology & Biochemical Engineering, SBCE Pattoor was conducted on 20th October 2018. 20 Alumni from various batches from 2005 to 2013 were present for this meet. This meet was organised to give information about the current NBA accreditation process and important role of alumni in the accreditation process. Welcome address was given by Dr.J.R Anoop Raj, HoD, Department of Biotechnology & Biochemical Engineering in which he briefed the department progress, highlighted the department activities and facilities available in the department. Dr. S.

Suresh Babu, Principal, Sree Buddha college of Engineering delivered the Presidential address in which he pointed out the involvement of the Alumni in the NBA accreditation process and asked alumni to come forward with suggestions for our institutional growth. Shri K.K.Sivadasan, Treasurer, Sree Buddha Educational Society was present for the function and addressed the students with his valuable experiences and suggestion to the alumni.

DEPARTMENT OF CIVIL ENGINEERING
SIX DAY FACULTY DEVELOPMENT
PROGRAM ON
"MODELLING OF COMPLEX PROBLEMS
IN ANSYS SOFTWARE"

The Department of Civil Engineering, Sree Buddha College of Engineering, Pattoor organized a six day Faculty Development Programme on "Modelling of complex problems in ANSYS Software" from 16th to 21st July 2018. Dr. E.K Bhass, Head of the department of Civil Engineering formally inaugurated the session. Dr. Gouri Antherjanam, Professor, Department of Civil, was the chief advisor of the programme. Ms Ritzy R, Assistant professor Department of Civil coordinated the workshop. ANSYS workshop was a highly demanding training program considering its application in Research and Development field. The resource persons were Dr.Akash Rajan, Vibration Analyst CEO, Tyrannus Innovative Engineering & Research Academy (TIERA) CET-TBI College of Engineering Trivandrum and Dr Nivin Philip, Associate Professor, Mar Baselios Christian College of Engineering & Technology, Idukki. The resource persons highlighted the following key areas: Introduction to ANSYS APDL and Workbench, Basics of FEA (focus on statics): Node numbering, Connectivity, Writing the first APDL code, Load Step Vs

Time Step, Non-linear analysis, Linear and Nonlinear buckling and Concrete modelling and crack studies. The workshop was highly beneficial to the researchers interested in exploring the capabilities of ANSYS software.



Participants of workshop

ONE DAY SEMINAR ON NECESSITY
OF WATER PURIFICATION AND ITS
CONTROLLED USAGE

A successful water management program starts with a comprehensive strategic plan. Sree Buddha College of Engineering, under Prabodhana, enlightenment through science, in association with Kerala State Council for Science Technology and Environment (KSCSTE) conducted Water Management Program on 18th September 2018 at seminar hall. KSCSTE funded the celebration. Dr. Gouri Antherjenam, HoD Civil welcomed the gathering. She also mentioned the demanding need of water management programs to meet the after effect of devastating flood in kerala. Dr. S. Suresh Babu, Principal presided over the function and delivered presidential address. The chief guest Shri. Er. Ajaykumar from Kerala Water Authority, Pandalam inaugurated the function and delivered inaugural address. Following, he delivered Technical talk on 'Necessity of water purification and its controlled usage'. The session was informative and interactive. He

formulated a one hour talk on the duties and responsibilities of Kerala Water Authority and the various water treatment processes done to the collected raw water before it is rendered to the public use. After the session student participants visited the environmental lab of college. Ms Jency James Assistant Professor Dept. of Civil Engineering and Mr Shibin Panikar Assistant Professor Dept. of Civil Engineering explained different experiments to check and observe the various levels of contamination in water. Sri. K.K.Sivadasan, Treasurer, Sree Buddha Educational Society, delivered Felicitation address. Ms. Aswathy Lal., Assistant professor, Dept. of Civil Engineering delivered vote of thanks. School participants and faculties from Sree Buddha Central School, Pattoor gave their valuable feedback and utilized the platform effectively.

WORLD HABITAT DAY CELEBRATION

IE(I) student's chapter Department of Civil Engineering, Sree Buddha College of Engineering (SBCE), Pattoor, Alappuzha along with IE(I) Kollam Local Centre celebrated the World Habitat Day. In association with this program one day technical talk on "Solid Waste Management" was conducted by Mr. Subhash Varma, Professor Department of Architecture T.K.M College, Kollam on 1 October 2018 at conference hall. 120 participants attended the function. Dr. Gouri Antharjanam, HoD, Department of CE gave the welcome address on this occasion. In her address she expressed the importance of observing The World Habitat Day. And also, she notified her expectation in young engineers and pioneers for a better future. The function was presided over by Dr. S Suresh Babu, Principal SBCE. In his presidential address he expressed his concern over the increasing amount of wastes in urban and rural area. He mentioned about the possibilities of ecofriendly construction and use of resources without depleting it. K.K. Sivadasan, the college treasurer inaugurated the function. Prof Madhav K, IEL Coordinator. SBCE in his felicitation pointed out the role of Habitat Day by reminding us about the sources and amount of solid wastes. Prof Pradeep P, Asst. Prof Department of CE in his felicitation pointed that for the past 50 years environmental pollution was not much considered and now it became a fact which affect the human existence. Dr. E. K. Bhass, P.G Dean, Dept. of CE, SBCE gave the vote of thanks. The function continued with a technical talk on "Solid Waste Management" by Mr. Subhash Varma Professor Department of Architecture T. K. M College Kollam. In his



The chief guest Er. Ajaykumar from Kerala Water Authority, Pandalam along with faculty members of SBCE

talk he told about the importance and the way of eradication of solid waste which has heightened in Kerala after flood. He mentioned that waste is not waste but it's another resource if we manage it well. He also said that as an initiative step micro level solid waste management should start from our homes. The UN agenda of this year is for World Habitat Day 1 October 2018 is Municipal Solid Waste Management.



Keynote address by Prof. Subhash Varma Dept. of Arch. T K M college Kollam

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

NATIONAL LEVEL WORKSHOP ON LATEX AND TECHNICAL WRITING

One-day national level symposium titled "Workshop on latex and technical writing" was organized by the Department of Computer science and Engineering (CSE) of Sree Buddha College of Engineering (SBCE) for the final

year UG Students on 28.09.2018. This workshop was conducted in association with ICFOSS off the job training scheme at the Systems Lab, Main Block of college building on 28.09.2018. The faculty of sessions was Prof. Gopu Darsan, Assistant Professor, Department of CSE, SBCE. The event was officially inaugurated by Dr. S. V. Annlin Jeba, Head of Dept. of CSE by 8.30 a.m. and the contestant's strength was forty-five (45) from the final year UG students of various departments of our institution. We received superior feedback about the event. The resource person gave immense information from introducing the FOSS technology to the UG students of SBCE. He discussed various advantages and possibility of Latex in technical writing. In the workshop he presented the methodology to overcome the difficulties faced during the report writing using MS Word and . expressed typical examples about IEEE journal writing and how the reference shall be added automatically to the Thesis report and Journal paper. He explained the basics of technical writing using Latex to enable the participants to create their own report during the hands-on training session and hence the workshop was a fruitful program in terms of knowledge sharing and created a platform for the students to work on FOSS technologies of Latex in technical writing.



Inaugural Session



Prof. Gopu Darsan, Asst Professor giving Lecture on LATEX

NATIONAL LEVEL WORKSHOP –LATEX



Inaugural address by Dr S. Suresh Babu, Principa, SBCE

One-day national level symposium titled “WORKSHOP ON LATEX” was organized by the Department of Computer science and Engineering (CSE) of Sree Buddha College of Engineering (SBCE) for the PG students on 3rd October 2018. This workshop was conducted in association with ICFOSS off the job training scheme at the Seminar Hall of CSE block on 3rd October 2018. The faculty of sessions was Prof. Gopu Darsan, Assistant Professor, Department of CSE, SBCE. The programme started with registration and was officially inaugurated by the Principal Dr S Suresh Babu. The strength of participants was 56 who were enrolled as scholars for the PG program in

SBCE. The workshop came to an end with a valedictory function and certificate distribution.

TECHNICAL TALK ON “DIGITAL LIFE”



Prof. Gopu Darsan, Asst Professor giving a session on Digital life for School students

Under PRABHODANA- “Enlightenment Through Science”, a programme jointly organized by the Kerala State Council for Science, Technology & Environment and Sree Buddha college of engineering, under science popularization scheme a talk was conducted on “Digital Life” by Prof. Gopu Darsan, Department of CSE on 26th October 2018 at Govt. VHSS, Chunakkara. A technical talk was arranged to the students of class X of Govt. VHSS, Chunakkara. The objective of the program was to make the students aware about the recent technology improvements in day to day life. The programme started with a prayer. Dr. S. V. Annlin Jeba, HoD, Dept of CSE welcomed the students and staff of the school. After the inaugural function Prof. Gopu Darsan, Dept. CSE presented a session for students including the topics like social networks, IoT, artificial intelligence etc and also made some awareness about the merits and demerits of using social networks such as facebook, whatsapp. After the session we demonstrated some IoT based

projects to school students. This programme was very useful and gave some motivations to implement their ideas to real time. About 150 students attended this programme.

WORLD STANDARDS DAY CELEBRATION



Dr.S Suresh Babu, Principal SBCE delivering the inaugural address

SANGAMAM 2018



The Department of Computer Science & Engineering organized an alumni meeting "Sangamam 2018" for all batches (2006 – 2018) on 1st December 2018 at the Seminar Hall, CS block. The meeting started at 10.00 a.m. with a prayer. Dr S.V.Annlin Jeba, HOD,

Department of CSE welcomed the gathering. Presidential address was delivered by Dr S. Suresh Babu, Principal, SBCE. The meeting was inaugurated by Sri. K K Sivadasan, Treasurer, Sree Buddha Educational Society. 46 alumni from all batches and teachers who had worked here participated in the function. Students and staff shared the memories, most of them volunteered to render services for the benefit of the current students of SBCE

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

EEE DEPARTMENT ASSOCIATION ACTIVITY INAUGURATION & SEMINAR ON "ELECTRICAL SAFETY AWARENESS"



Mr. Sarath Chandralal M.N, Deputy Electrical Inspector, Alappuzha district inaugurating the department activity

As part of the Electrical Department Association activity inauguration, the Institution of Engineers (India) Students Chapter of Department of Electrical and Electronics, Sree Buddha College of Engineering, organized a Seminar on the topic "Electrical Safety Awareness" on 26th October 2018 at conference hall library block.. Mr. Sarath Chandralal M.N, Deputy Electrical Inspector, Department of Electrical Inspectorate Alappuzha district was the chief guest of the event and he inaugurated the Department activity Mr Sarath Chandralal M.N, gave special lecture on "Electrical Safety

Awareness” along with Assistant Electrical Inspectors Mr Vishnu S and Mr Joseph Kuriakose K. Prof. Vinod V P, HOD of the department welcomed the gathering. The function was presided over by Shri. K.K Shivadasan, Treasurer, Sree Buddha Educational society



Mr. Vishnu S, Asst. Electrical Inspector giving talk on Electrical Safety Awareness.

TECHNICAL AWARENESS & EXTENSION ACTIVITY PROGRAMME – HANDS ON TRAINING ON LED LAMP MAKING



LED Lamp making Workshops

The association of Electrical & Electronics Engineering (EEE) Dept. (TACHYONS) of Sree Buddha College of Engineering, Pattoor conducted a ‘Technical Awareness & Extension Activity Programme’ – An Outreach Programme on “HANDS ON TRAINING ON LED LAMP Making” at Govt. Model HSS, Karunagappally

on 30th October 2018 for second year Higher secondary students under Prabodhana scheme



Inaugural function

5 DAY FACULTY DEVELOPMENT PROGRAMME ON ‘RECENT ADVANCES IN INDUSTRIAL DRIVES & CONTROL



Inauguration Ceremony and Keynote lecture by Dr. Premlet B.



Handson Sessions

A 5 day, faculty development programme on ‘Recent Advances in Industrial Drives & Control’ was hosted from 09th to 13th July 2018 in the college campus for the Post Graduate (PG) students and faculties of the Dept. of Electrical & Electronics Engineering (EEE) of SBCE as well as other colleges in Kerala. The FDP was

formally inaugurated on 9th July 2018 by Dr. B. Premlet, Professor in Physics, MES Institute of Technology and Management, Chathannoor & Former HoD, Dept. of Physics, T K M College of Engineering, Kollam, in the presence of Dr. S. Suresh Babu, Principal, SBCE, Sri. K. K. Sivadasan, Treasurer, SBCE, Prof. Vinod V P, HOD, EEE, SBCE, Mr. Vishnu J and Ms. Gayathri V, FDP Coordinators, by lighting the lamp

MISSION RECONNECT



Students assembling and connecting emergency electrical connection boards

While efforts are going on to restore power supply in flood hit areas, the Department of Electrical & Electronics Engineering Sree Buddha College of Engineering, Pattoor have joined “MISSION RECONNECT”, a task force launched by Kerala State Electricity Board (K S E B) for restoring power supply at domestic households of flood affected areas in association with K S E B. It is the students, faculty members and staff of the Department of Electrical & Electronics Engineering that came forward to be part of the initiative. The college team led by College Principal Dr. S Suresh Babu, department head Prof. Vinod V P and Mr. Vishnu J, Department Association Staff Secretary & UNAI - ASPIRE College Chapter Chairman have actively involved in reconnecting a minimum of 100 plus emergency electrical connection boards in affected houses on 31/08/2018 & 03/09/2018.

EEE DEPARTMENT ALUMNI MEET 2018



Alumni's with Faculty members.

Department of Electrical and Electronics, Sree Buddha College of Engineering, organized an Alumni Meet 2018 on 29th December 2018 at Electrical seminar hall. Ms. Gayathri Vijayachandran, Assistant professor of EEE Department welcomed the gathering. The function was presided over by Prof. Vinod V P, HOD of EEE Department. Dr. Saji Varghese, HOD of Mechanical Engineering Department was the chief guest of the event and he inaugurated the Function and also gave a talk on “The Importance of Alumni Meet”. Prof. Thomas Mathew, Head of Human Resource Department felicitated the gathering. The inaugural session was concluded by Vote of thanks delivered by Department Alumni association faculty in charge Asst. Prof. Ananthu Vijayakumar

DEPARTMENT OF MECHANICAL ENGINEERING

PRAJNA, NEWSLETTER OF DEPARTMENT OF MECHANICAL ENGINEERING

“PRAJNA”, Modified version of Newsletter of Department of Mechanical Engineering was published in presence of Shri. K K Sivadasan,

Treasurer, Sree Buddha Educational Society, Dr. S. Suresh Babu, Principal, Sree Buddha College of Engineering and Dr. Saji Varghese, HoD, Department of Mechanical Engineering. The newsletter team comprised of staff editors Mr. Vaisakh.Y and Mr. Vaisakh P S and student editors Anu Devaraj, Hemanth Prakash, Athul K Raveendran, Sreenath N R, Arjun A and Rahul P S. The newsletter contains all Departmental activities of the previous semester.



ONE WEEK FACULTY DEVELOPMENT PROGRAMME ON ADVANCED ENERGY ENGINEERING AND TECHNOLOGY

The Department of Mechanical Engineering organized a one week Faculty Development Programme on “Advanced Energy Engineering and Technology” during 02-06 July 2018 at CSE seminar hall of Sree Buddha College of Engineering, Pattoor. This FDP mainly covered the concepts of Recent Advances in Renewable Energy Technologies, Energy management, Energy Storage, application of Carbon Nanotubes in energy systems and Energy audit. The workshop started with an inaugural function in the morning on 2nd July 2018. The workshop was inaugurated by Mr. A. Santhosh, CEO, Athul Energy Systems & Consultants, Thrissur. There were two sessions every day for four days as given in the Programme Schedule. The resource persons of various sessions were Mr. A. Santhosh (Athul Energy Systems & Consultants),

Dr. Sujith Kumar C. S., (NIT Calicut), Dr. M. Eswaramoorthy (ACS College of Engineering, Bengaluru), Prof. Johnson Y (UKF College of Engineering and Technology, Kollam), Dr. Anu Nampoothiri (UKF College of Engineering and Technology, Kollam), Dr. M. S. Senthil Saravanan (Sree Buddha College of Engineering Pattoor), and Dr. Trijo Tharayil (Sree Buddha College of Engineering Pattoor). The participants included faculty members from various engineering institutes across India. There was an Industrial visit to NTPC, Kayamkulam on the last day. Individual feedback of participants was collected and participation certificates were issued on the last day. The workshop came to an end with a closing ceremony in the evening.



ALUMNI MEET



Department of Mechanical Engineering organized an Alumni Meet on 22nd December 2018. The meeting started at 10 am in the Ashoka Auditorium. Dr. Saji Varghese, Head of Department of Mechanical Engineering welcomed the audience. The keynote address was given by Dr. S. Suresh Babu, Principal, SBCE. Prof. Anilkumar A V, Prof. Thomas Mathew, Prof. Vishnu V S delivered felicitation. Alumni shared their experiences during and after their campus life. Alumni survey was conducted during the meeting. Prof. Amjith T R delivered the vote of thanks. The programme was concluded with a delicious lunch

WORKSHOP ON GOOGLE SKETCHUP

The Institution of Engineers (India) students' chapter of the Department of Mechanical Engineering conducted four day workshop on Google SketchUp for the third semester undergraduate students during 11 -16 October 2018. The workshop was conducted by Nexus Technical Solutions, Chengannur, Kerala under the aegis of the Institution of Engineers (India) Kollam Local Centre.



Inauguration

MULTI – SKILLED TECHNICIAN



A five day programme on “Multi-skilled technician for technical staff” was conducted from 23rd to 27th July 2018. In the inaugural function on the forenoon of 23rd July 2018, Sri S Sreekumar, Programme coordinator, welcomed the gathering. The programme was inaugurated by the Sri K K Sivadasan, treasurer, SBCE. Dr. S Suresh Babu, Principal, SBCE presided over the function and Sri Sajeevkumar proposed vote of thanks. In the valedictory function on 27th July 2018. Dr. S Suresh Babu, Principal was the chief guest. Sri Akhil chandran, Ms prarthana Prabudhan, Ms Minumol E M, and Sri Sajeev kumar gave feedback of the programme. Participation certificate were distributed to the participants by Dr. S Suresh Babu, Principal.

INNOVATION AND ENTREPRENEURSHIP DEVELOPMENT CENTRE

TWO DAY TRAINING ON "WOMEN EMPOWERMENT THROUGH ENTREPRENEURSHIP"



Participants with the resource Persons and Nodal Officer of IEDC

The Innovation and Entrepreneurship Development Club (IEDC) of Sree Buddha College of Engineering in association with PRAYAANA conducted a two day workshop on "women empowerment through Entrepreneurship" on 26th & 27th July 2018 for selected 35 students. PRAYAANA is the first of its kind providing employability, entrepreneurship and innovation lab for women in Kerala, a social initiative of "4Tune Factory" foundation. Prayaana aims at the empowerment of girls and women after career break by providing internship / placement and further training and opportunity to work for various companies, when they are in their campus. The students can choose their domain of interest. The speakers for the training were Chandra Vadhana, founder & CEO 4Tune Factory and Chief Mentor, Prayaana and

ENTREPRENEURSHIP AWARENESS PROGRAMME FOR THE IEDC STUDENT MEMBERS

The Entrepreneurship development centre of Sree Buddha College of Engineering in association with District Industries Department conducted an awareness programme for the IEDC student members of the college on 18 September 2018 in Civil block Seminar Hall. The Programme started by 10.00 am with an inaugural session. The welcome speech was given by Mr. Gopu Darsan, IEDC coordinator, Sree Buddha College of Engineering. The



presidential address was given by Sri A. Haneefa (Assist. District Industries Officer, Mavelikkara). The awareness programme was inaugurated by Sri.K.B. Radhakrishnan, Manager, District Industries Centre(Rtd.). The keynote address was given by Sri Ajimon (Manager, DIC, Alappuzha). The inaugural session ended with a vote of thanks by Mr. Bilal Bin Nazar (student IEDC Coordinator, Sree Buddha College of Engineering). Sri.K. B. Radhakrishnan, Manager, District Industries Centre (Rtd.) conducted a motivation session which made students aware about the importance of time management, risk taking mentality to become an Entrepreneur. The Session also included

the importance of IPR and Patenting of ideas. He also introduced the various schemes available under the DIC to begin a Startup.

MEET THE ENTREPRENEUR PROGRAMME

The innovation and entrepreneurship development club of Sree Buddha College of Engineering conducted "MEET THE ENTREPRENEUR" programme for the student members of IEDC at the library block seminar hall on 7 November, 2018. The guest of the event was Ms. Geethu Sivakumar, CEO, Pace Hi-Tech Pvt Ltd. The objective of the event was to share the Entrepreneurial experience and also to motivate the students to think Out of Box. Many students interacted with the guest about the difficulties and procedures to follow to become an Entrepreneur.



SESSION ON PERSONAL HYGIENE AT SREE BUDDHA CENTRAL SCHOOL



Five students from Sree Buddha College of Engineering conducted a awareness programme on personal hygiene for the students of Sree Buddha Central school on 11 October 2018. The class include various topics on body odour, hand washing, personal hygiene for women, personal hygiene for men, bad breath, travelling hygiene.

AWARENESS PROGRAM ON SELF DEFENCE BY IEDC STUDENTS

The students conducted an awareness program on self defence for the girls students of Sree Buddha Central school on August 10 2018



STUDENT ACHIEVEMENTS

NSS STATE AWARDS-2017-18 Ms. Anisha Parthan



Ms. Anisha Parthan of S8, Dept of Electronics and Communication Engineering of SBCE, Pattoor has won the NSS Technical Cell Best Volunteer Award and State Level Best Volunteer Award for the the year 2017-18.

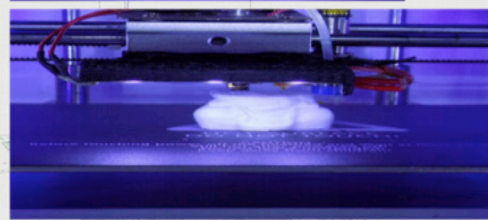
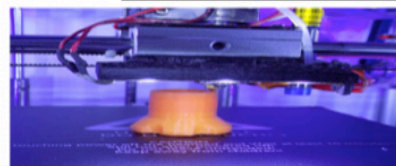
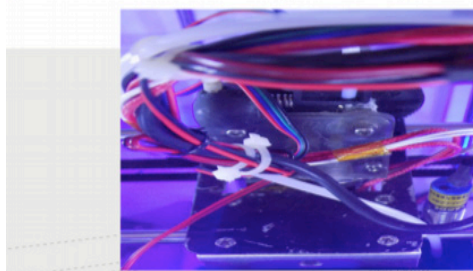
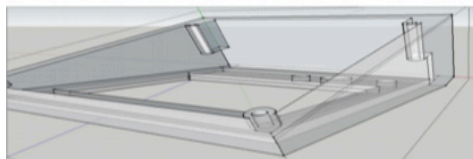
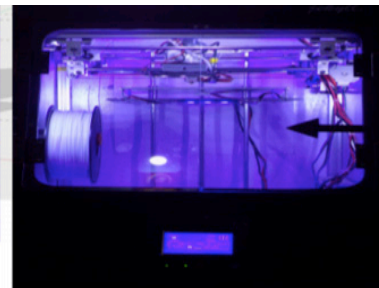
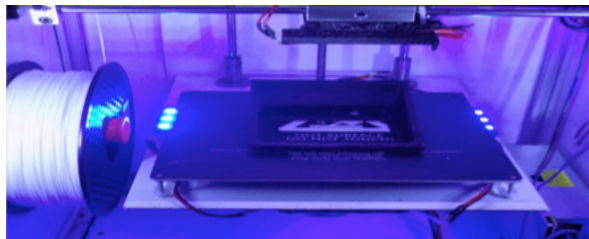


INNOVATION-MOULDING YOUR DREAMS IN 3D

"JEKYLL" - A low cost, High speed 3D printer



In the 21st century, where everything can be modelled and prototyped, 3D printing technology has got its attention among young aspirants of Science and Engineering. With the different types of 3D printing models available, Department of Electronics and communication of Sree Buddha College of Engineering has developed a low cost 3D printer with high speed which is first of its kind. Mr. Justy John, student of III year is the mastermind, who engineered and developed this low cost, high speed 3D printer.



Prize Winners of IBeTo Excel 2018



Siva Prasad S, Midhun M, Arun Thampy, Midhula M & Jayalekshmi J who are third semester students of Department of Electronics and communication of Sree Buddha College of Engineering bagged second prize at IBeTo (Innovations for a Better Tomorrow) Excel 2018, held on 1st November 2018, organized by Govt. Model Engineering college Cochin, Kerala. IBeTo is a state level innovative project competition for bringing forward some of the most spectacular innovations that benefit society. The event was organized in phases viz. idea submission, 1st phase report, design report, Presentation of the project and final implementation. The college and department appreciate the effort put forward by the students and congratulate them for their achievement.

1st Prize Winners For idea pitching competition-“Azure2K18” @ Amal Jyothi College of Engineering, Kanjirapally



Individual Champion and Gold Medal Winner



Vijo P Varghese won the title of Individual Champion (Men) in the sports meet organized by APJ Abdul Kalam Technological University after winning gold medals in Long Jump and Triple Jump.

University Rank Holders – B Tech 8th Semester 2017-18



Malavika Aji

Candidate Code- 14414016

First Rank

**Biotechnology and Biochemical Engineering
University of Kerala**



Sony Cherian

Candidate Code-14414027

Third Rank

**Biotechnology and Biochemical Engineering
University of Kerala**

3rd semester Computer Science & Engineering student scored CGPA 10 in second semester examination conducted by KTU

Congratulations



RUKSANA JALALUDEEN

Third Semester B Tech Computer Science & Engineering Student for securing **10 out of 10 (CGPA)** in the Second Semester University Examination conducted by APJ Abdul Kalam Technological University in April 2018.

Achievement – Gayathri G Kurup S7 BT&BCE

Gayathri G Kurup of semester 7 Biotechnology and Biochemical Engineering, Sree Buddha College of Engineering, Pattoor have been selected to mentor the students of Kendriya Vidyalaya, Adoor under the Atal Innovation Mission.”



Congratulations to the Placed Students

Training and Placement Cell of Sree Buddha College of Engineering, Pattoor congratulates the placed students from 2019 batch. The total students placed including shortlists are 55 (The companies include, TCS, Hexaware, Speridian, Infiniz it solutions and IBS)

SREE BUDDHA COLLEGE OF ENGINEERING, PATTOOR

TRAINING & PLACEMENT CELL

Congratulations to the placed students (2019 batch)

Placed in
TATA
TATA CONSULTANCY SERVICES



Mr. Ananthakrishnan A (CSE)

Placed in
HEXWARE



Ms. Allina M George (CSE)

Placed in
experion



Mr. Suraj Sharma (CSE)

Students Placed in
Speridian
Technologies



Ms. Allina M George (CSE)



Mr. Faris Vahid A (ME)



Mr. Aravind R (ME)

Students Placed in
INFINIZ
IT SOLUTIONS



Ms. Riya George (CSE)



Mr. Suraj Sharma (CSE)



Mr. Naryanan N (CSE)



Ms. Shilpa Pillai S (CSE)



Ms. Anusathy S (CSE)



Mr. Kiran S (ME)



Ms. Gopika R (CSE)



Mr. Jithu Suresh (ME)



Mr. Muhammed Firoz L (ME)



Ms. Aryadokshi J (EEE)



Mr. Sidhu S Mohan (EEE)



Ms. Varsha S (EEE)



Ms. Kavya S Nair (ECE)



Mr. Anandha Srinivas (ECE)



Ms. Divya Yamarni D (ECE)



Ms. Anila A (BT)



Ms. Tisha Catherine Tom (BT)



Ms. Amma Vijay (CE)



Mr. Jeevan P Yous (CE)



Ms. Vijisha V (ECE)



Ms. Anisha P (ECE)



Mr. Sourav S (EEE)



Ms. Yrindha R (BT)



Ms. Allina M George (CSE)

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