

NATIONAL SCIENCE DAY CELEBRATION-2019 NIMITTA'19

The department of Electronics and Communication, Sree Buddha College of Engineering, Pattoor had organized a one day program on 22/02/2019 (Friday) to celebrate the National Science Day 2019. This program was supported by **Kerala State Council for Science, Technology and Environment and DST, Govt. of India**. The main objective of the program was to inculcate the students with the importance of celebration of this day every year on 28th February. The program schedule was prepared by keeping in mind the theme "**Communicating Science for all**"

FORENOON SESSION

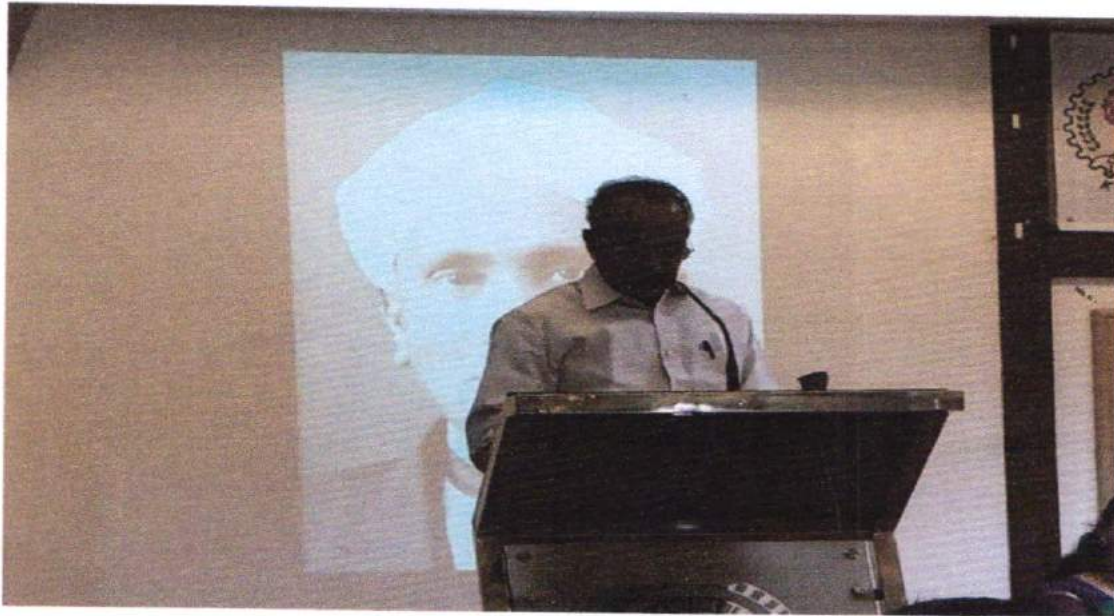
On 22/2/2019 the program began at 9:30 am sharp with a welcome speech by Prof. Pavitha P P, Head of Department of ECE. In her speech she welcomed all the dignitaries on and off the dais, faculty members and students from various departments; she also gave a detailing about the importance of celebration of NATIONAL SCIENCE DAY on 28th February every year since 1987.



Professor Pavitha P P delivering the welcome address



Presidential address by Sri K K Sivadasan, Treasurer, Sree Buddha Educational Society; in his speech he gave different examples on the role of science in our day to day life.



Presidential address by Sri K K Sivadasan, Treasurer, Sree Buddha Educational Society

Dr. S Suresh Babu, Principal, SBCE, Pattoor discussed the involvement of National Council for Science and Technology Communication (NCSTC) in proposing to the Indian Government to designate 28th February as a National Science Day in India in the year 1986.





Dr. S Suresh Babu, Principal, SBCE
addressing the gathering



Inaugural address was delivered by Chief Guest Dr Unni Cheruvathoor, Professor (retired), Department of ECE, TKM College of Engineering Kollam, in his speech he mentioned about the importance of science in development of various communication systems.



Chief Guest Dr Unni Cheruvathoor delivering Inaugural address

Mr. Premkumar S, Sr. Electronics Engineer, Sastra Robotics India Pvt Ltd, an alumnus of our department mentioned how teaching the scientific method to students is teaching them how to think, learn, solve problems and make informed decisions, which is very important in every aspect of a student's education and life, from school to career.





Mr. Premkumar S addressing the gathering



TECHNICAL TALK

The session broke for tea at 10:35am after which students reported back for the technical talk by Dr Unni C. on "**Communication Evolution and Future**". In his talk he described the evolution of communication systems over the years. In his talk a complete overview of 5 generations of mobile communication systems were explained with the aid of power point presentations. He also discussed various research oriented fields and topics for research aspirants. One ambitious topic of his discussion was Design and Implementation of Color-Shift Keying for Visible Light Communications. This was quite an interesting topic for staff as well as students, because of which they were keenly involved in clearing doubts by enquiring. Dr Unni C. delivering the talk



Dr Unni C interacting with the faculty of SBCE





Student asking question to Dr.Unni C



Student delivering vote of thanks

The session by Dr Unni C got over at 12:05pm and the students dispersed for lunch break.

AFTERNOON SESSION INTRODUCTORY CLASS

The afternoon session began with an introductory class on STARTUPS by Mr. Premkumar S. In his talk he mentioned about 3 major factors which lead to success of a basic startup company:



- Private market investor's willingness to invest in new startups.
- Buyers (consumers/enterprise) willingness to purchasing products from new start-ups.
- Multiple cost effective, selling channels platforms to reach potential buyers.

Later in his session he mentioned about the process of Ideation, Designing and Prototyping of miniature robots. He also discussed about the process involved in product development and later discussed on the topic **Value Beyond Devices**, through this topic he made the students aware of the scope of Transforming device inventions into disruptive enterprise or consumer solutions that power the next generation of scalable hardware enterprises with potential for growth, impact, and profits. This session went on up till 3 pm and was thought provoking for students who were planning to begin with startups. Students also made queries regarding their doubts to which Mr.Premkumar gave wonderful suggestions.





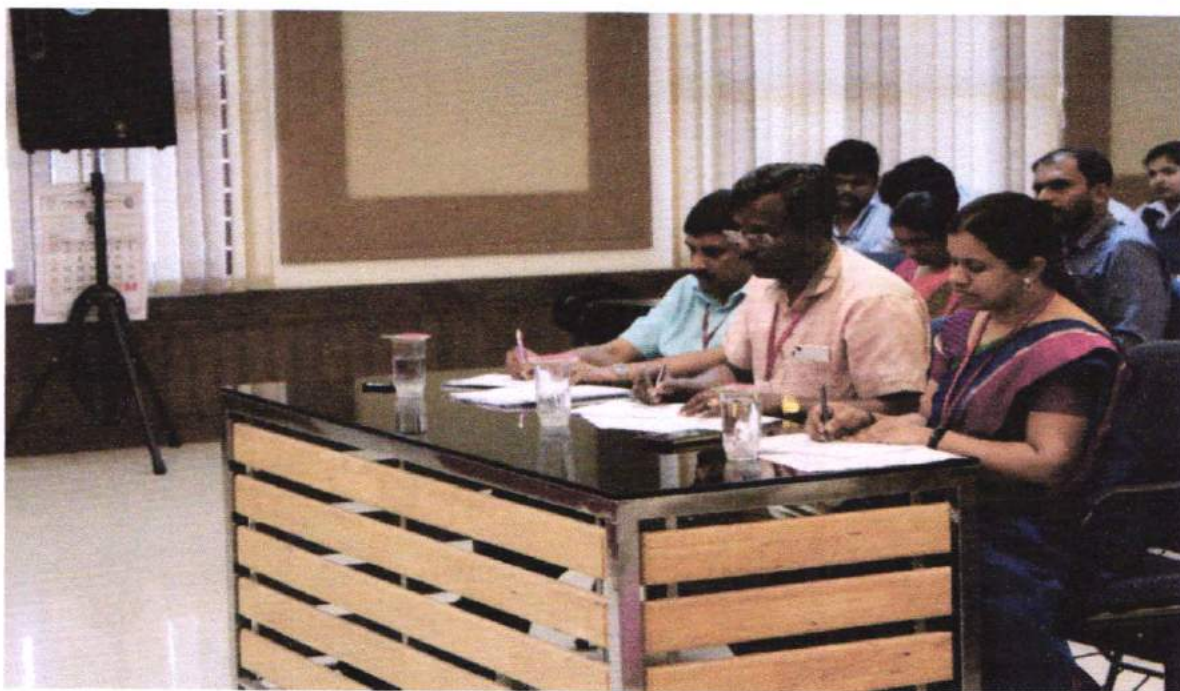
GROUP DISCUSSION

The session was later followed by a Group Discussion; for which students from various departments took part. The topics were allotted on a random basis in which every topic was based on the theme **“COMMUNICATING SCIENCE FOR ALL”**. A judging panel including members from various departments was involved for the final decision making regarding the winners. Each team was first introduced to the rules for judgment. In the process of Group Discussion each team after selection of topic from a list, were allowed 3 minutes for discussion among themselves, 3 minutes for stage discussion and 2 minutes for consolidating their views by the team captain. Based on detailed evaluation of each member of a team by a judging panel of three, two teams Team-B and Team-E were declared first and second respectively.



Students discussing on various topics





Judging panel involving Dr Manoj Narayanan (center), Prof.Pavitha P P
and Prof Sabi S



Team-B receiving First price fro Prof.Pavitha P P





Team –E receiving Second price from Prof. Sabi S

With this the **NATIONAL SCIENCE DAY CELEBRATION** for the year 2019 came to a halt. We are very thankful to Kerala State Council for Science, Technology and Environment and DST, Govt. of India for their sponsorship and support. We are also very thankful to our management for providing us with the facilities for arranging this event.



'Insights'- Talk by Castelllos

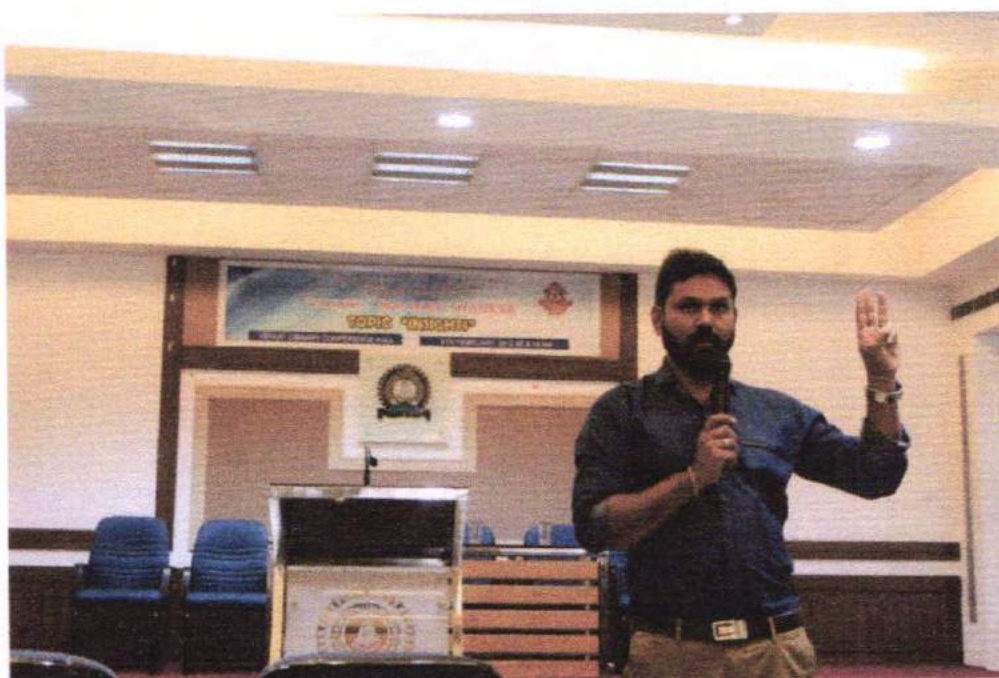
'Insights' was a talk organised by Castelllos, the Civil Engineering Association of Sree Buddha College of Engineering, on 4th February 2019. The main aim of this talk was to give the students and teachers some insights and motivation that they might be lacking. The word motivation holds many in-depth meanings. It could be described as a way to identify the inner skills of a person.

Mr. Babu Shankar, a professor at St. Joseph College, Pala conducted the talk. He was cent percent successful in inducing the right guidance to the students as well as teachers. He shared his knowledge on types of motivation, intelligence and education. He presented his views and opinions in such a way that it was very much easy for the students to understand his ideas.

Even though many of the motivational talk till the day concentrate mostly on expressing the success saga of the successful people, Mr. Babu Shankar took a different route in motivating the students. He inspired us by putting forward his life experiences in such a way that it created a great impact on the mind of students. It was moving and motivating at the same time.

However, the program was successful and was able to hold on to the right meaning of 'Insights' throughout the talk.





Addressing the gathering



EEE Dept. Association Activity ELECTRICAL CIRCUIT DESIGNING in association with AutoCAD Engineering Solutions Pvt. Ltd.

As part of the Electrical Department Association activity, Department of Electrical and Electronics, Sree Buddha College of Engineering, Pattoor in association with AutoCAD Engineering Solutions Pvt. Ltd., Chengannur organized a two day workshop on "ELECTRICAL CIRCUIT DESIGNING" on 11th and 12th February, 2019 at Seminar Hall, EEE Block. Department association faculty in charge Asst. Prof. Chama R Chandran welcomed the gathering. Mr. Midhun, Central Manager conducted the sessions.

The workshop was conducted for final year UG and PG students. It gave an insight to Autodesk EAGLE software. In this competing environment, apart from an Engineering degree every company is looking for an additional certificate course for their candidates. In this regard, our department has organized such an event to add an additional course for the students. Around 26 students participated in the workshop.



Participants for the Talk



REPORT

IoT WORKSHOP ON POWER ELECTRONICS & INSTRUMENTATION

JULY 3rd – 5TH 2019

ORGANIZED By DEPARTMENT OF ECE, SBCE, PATTOOR

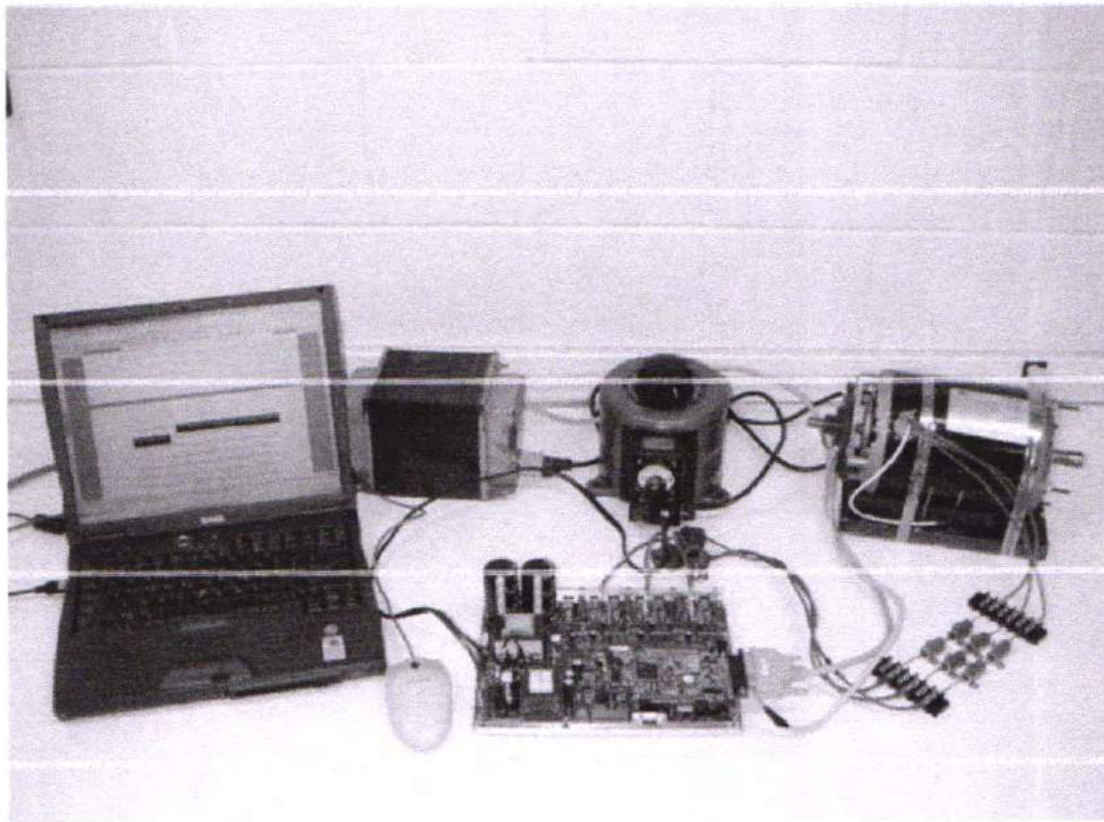
This IoT enhanced power electronic workshop provided an outlook into the analysis of basic power electronic circuits, sensors and their industrial applications. The hands on sessions provided will help the faculty for the smooth conduct of power electronics and instrumentation lab under the new Semester 5 curriculum of Kerala Technological University. The application of semiconductor devices in PSP ranges from silicon based naturally commutated devices (Thyristor) to self-commutated devices (IGBT, IEGT, IGCT, etc.,) depending on the requirements such as switching characteristics, ease of gate control, reliability, low on state power losses and voltage drop, etc. In a similar way, the advancement in power converter topology ranges from cyclo-converter to multi-level voltage source converters to achieve harmonic distortion reduction, pure sinusoidal supply, etc. There are more operational challenges in multichannel parallel power converters based on internet of things in real time applications.

IoT WORKSHOP ON POWER ELECTRONICS & INSTRUMENTATION was proposed for 3 days to offer a unique opportunity to the experts from major industries, academic institutions, distinguished practitioners in power electronics technology and graduate engineers to exchange their experiences, new ideas, practical challenges encountered in design & circuit implementation and Research Opportunities.

The main objective this workshop is to explore the operational challenges and research opportunities in industry level power electronic systems to integrate renewable energy sources. This can be described in a series of following sub-objectives.

1. Bring together senior professionals in the field of power electronics to provide helpful information to younger professionals.
2. Explore the current trends & challenges in power electronics used for solar power systems.
3. Emphasize active power sharing and circulating current reduction techniques in multichannel power converters fed variable frequency drives.
4. Explore power and control redundancy issues with the power converters.
5. Explore the Control complexity of Multichannel Power.
6. Explore advanced protection techniques for large rated power electronics converters.
7. Explore the research opportunities in power electronic converters for grid energy storage in view of the





following:

- ** Converter topology
- ** Variable Frequency Drives
- ** PWM schemes
- ** Soft switching and isolation of converter during faults
- ** Design and development of solar power systems

In the afternoon sections of workshop, the students implemented the circuit and noted its performance. Laboratory assistants and the M.Tech students of the department deserve special thanks for their help to the participants. Every participant was able to execute the instructions and implement the circuits successfully. They were delighted to learn the corroboration of theoretical design and the experimentally obtained outputs by themselves. Sufficient volunteers were present to help them. The participants were provided with hard copy documents beforehand so that they can follow the lecture session and also for their future help. The program was concluded with a valedictory session where participants were given participation certificates. The participants praised the volunteers whole heartedly and thanked the organizers for the program. They also showed interest on such program in future.



ONE DAY SEMINAR REPORT ON “AWARENESS OF INTELLECTUAL PROPERTY RIGHTS(IPR) AND ITS RELEVANCE IN RESEARCH”

Date: 29th January 2019

Venue: Conference Hall, Library block

IPR plays a vital role in enhancing the socio-economic prosperity of the country. Creativity and innovation are new drivers of the world economy. With the increasing relevance of IP in this era of globalization, it's important to recognize the role which IP play in the growth of the nation. In view of this the Department of Electronics & Communication, Sree Buddha College of Engineering and Patent Information Centre(PIC) Kerala, Kerala State Council for Science, Technology & Environment in association with Internal Quality Assurance Cell conducted a one-day seminar on “**Awareness of Intellectual Property Rights(IPR) and its Relevance in Research**” on 29th January 2019 for UG, PG and Research scholars.

The venue of the program was Conference Hall, Library Block. The event started by 9.00am. Registration was opened at 9.00am and closed by 9.30am. Inaugural session was presided over by Dr. S Suresh Babu, Principal of Sree Buddha College of Engineering and inaugurated by Sri. K K Sivadasan, Treasurer of Sree Buddha Educational Society. Prof. Pavitha P P, HoD of ECE department has given the welcome address. The resource persons and Prof. Sabi S, Program coordinator was also present.

The chief guests for the event were:

Dr. Jippu Jacob, Professor & coordinator- IPR cell of Kerala state council for Science, Technology and Environment (KSCSTE), Amal Jyothi College of Engineering, Kanjirappally. He took Ph D in Farm Machinery & Power from IIT, Kharagpur at 2008. He started his career as a lecturer in Kerala University from 1977 to 1979.

Shri. R S Praveen Raj, Senior Scientist in National Institute for Interdisciplinary Science & Technology (NIIST), Trivandrum (CSIR), and is responsible for Intellectual Property Management, Business Development, Technology Transfer and Human Resources Management. Have Industrial & Teaching experience and was working in Vikram Sarabhai Space Centre, Thiruvananthapuram before joining Patent Office.



Shri. Vishnu V A, Project fellow from PIC-Kerala, KSCSTE. PIC-related services Kerala was established in May, 2003. It has been providing IPR related services to the people in the state since its inception. The Centre functions with the partial financial support from Dept. of Science & Technology, Govt. of India.



Photo: Felicitation by Dr. S Suresh Babu, principal of Sree Buddha College of Engineering

Soon after the opening session the seminar has started by 10.00am. It comprised three dedicated sessions that elaborated on the various facets of IPR-its relevance, the process of filing a patent and the role of Patent Information Centre on assisting the IPR Procedures in Kerala.

The first session was handled by Dr Jippu Jacob on the topic 'Overview of Intellectual Property Rights', he explained the intangible properties that could deem protection from infringement using the IPR system. A comprehensive idea of copyright, design, patents and trademark were explained in detail and the participants gathered a very clear understanding that violation of intellectual property rights, called "infringement" with respect to patents, copyright, and trademarks, and "misappropriation" with respect to trade secrets, may be a breach of civil law or criminal law, depending on the type of intellectual property involved, jurisdiction, and the nature of the action.





Photo: First session by Dr. Jippu Jacob, Professor & coordinator- IPR cell of KSCSTE

The second session on Patents by Dr. R S Praveen Raj on the topic 'Patentability criteria and Patent filing procedure', has discussed the patent filing procedures in India and various other case studies elaborating the same. In his session he opined that it is important to promote intellectual property licensing practices, particularly, with a view to foster creativity, innovation and the transfer and dissemination of technology in the country. He also shared many of his life experience in patent filing process.

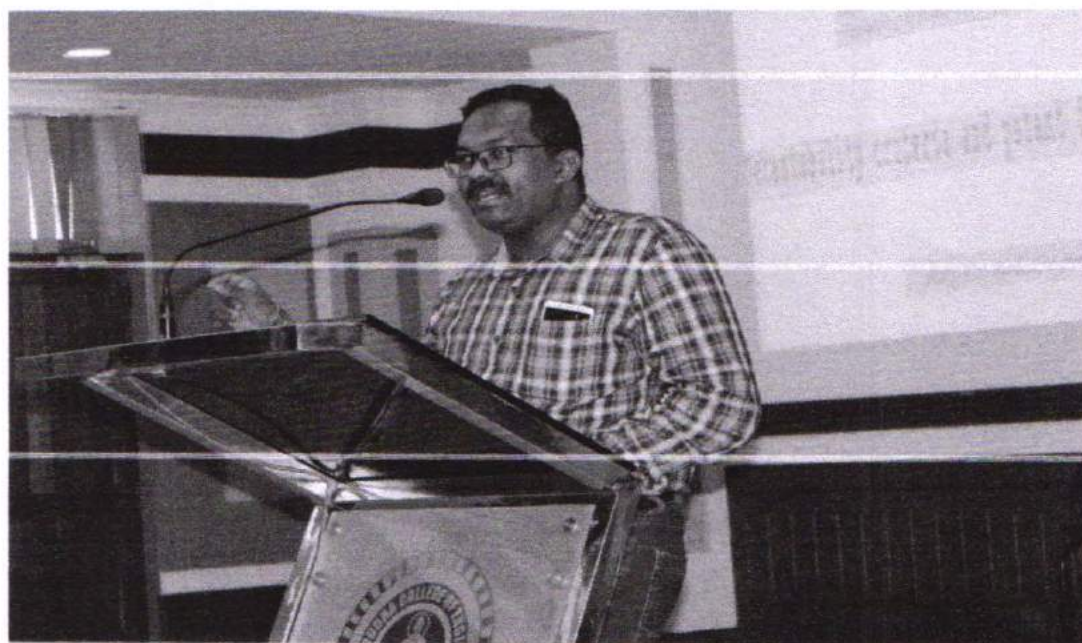


Photo: Shri. R S Praveen Raj, Senior Scientist in NIIST, Trivandrum CSIR





Third session was presented by Sri. Vishnu V A on the topic "Patent Searching and Support from PIC-Kerala for IP protection". He explained how to search patent, how to

apply for a patent and also gave information on many websites; both national and international related to patents and also about the cost of applying for a patent.

Photo: Shri. Vishnu V A, Project fellow from PIC-Kerala, KSCSTE



Photo: Prof. Pavitha P P, Head of ECE Department, SBCE handing over certificate to one of the participant.

The event concluded around 1:30 pm and certificates were distributed. The feedback obtained from the students showcased that the event was really informative, well structured, most effective and very useful for their future use, the overall impression about the program was very good. The successful conduction of the one-day seminar was only made possible because of the coordinated effort of the coordinators and students.



“TECHFEST 2018-X’ PLORE”

Sree Buddha College of Engineering, Pattoor organized a two day technical fest “**X’Plore 2k18**” on **27th and 28th November 2018**. Dr Suresh kumar T O, Managing Director, Mass Automation inaugurated the function and Dr Suresh Babu S, Principal delivered the Keynote address. Sri.K. K. Sivadasan, Treasurer, SBES and Mr.Sourav, student representative proposed felicitation. Ms. Priya, Lady Representative proposed the vote of thanks. As part of **X’plore 2k18** Department of Biotechnology and Biochemical Engineering highlighted the role of biotechnology and its interventions in daily life. Event hosted student project exhibitions, demonstrative project expo and several other forums that highlighted the importance of biotechnology for sustainable development. The technical fest showcased innovative ideas that deliberated on the concept of waste to wealth, household low-cost water treatment units, bio nanotechnology, medical biotechnology etc. Medical Expo showcasing anatomical specimen from Mount Zion Medical College, Pathanamthitta was the major attraction for **X’Plore 2k18**. The event created a platform to share and exchange ideas of students of various educational institutions, which would ignite their minds to actively involve, interact and to enhance their knowledge. Around 2000 school students in and around 30 Km from Sree Buddha College had participated in X’plore 2K18 and students got a chance to explore various projects done by Biotechnology Students. The detailed Department Brochure about the departmental activity had distributed to the school students.

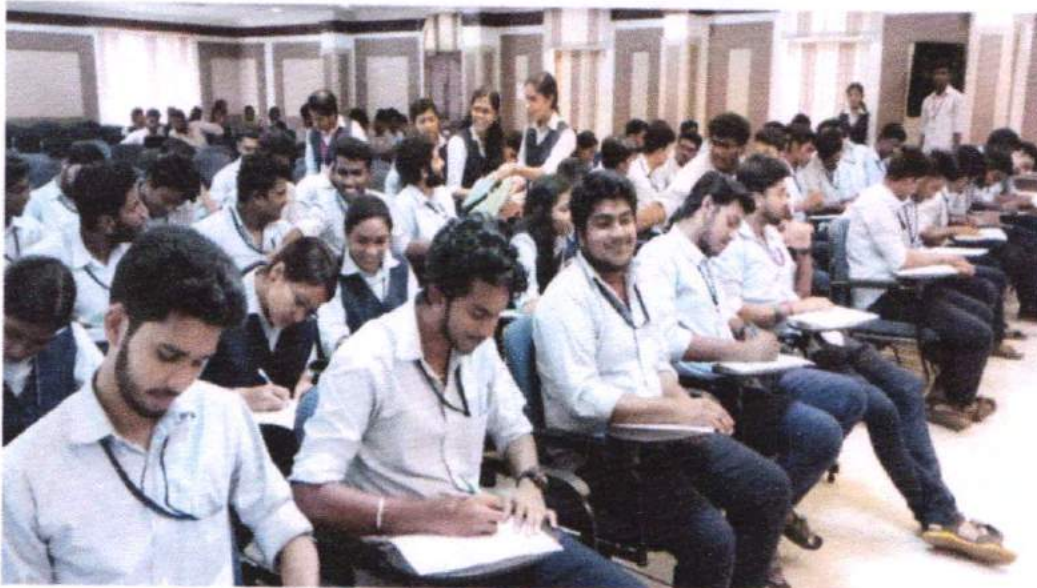


(a) Students in exhibition session (b) Inauguration function



POWER QUIZ 2018

EEE association organized a preliminary competition of "POWER QUIZ 2018" on 8th November 2018 at Conference Hall in association with KSEB Officers Association. Mr. Stalin of S7, CE and Mr. Harimurali of S3, CS secured first and second prize, and were selected for the District level competition.



Mr. Stalin addressing the students



Activities conducted for promotion of universal Values and Ethics

Talk on human Architecture:

A talk on human architecture was conducted for fifth and seventh semester student of civil department on 31-10-2018 from 10.30am. Dr. Manoj Narayanan, Associate professor from department of biotechnology and biochemical Engineering was the resource person. He stressed about the importance of human values in our day to day life. Through stories from life experiences and examples, he talked about issues faced by the students, ways to handle the stress, role of effective communication with parents and teachers etc. The talk was highly motivational. It ended by 12pm.





Dr. Manoj Narayanan addressing the audience



[Handwritten signature in green ink]

REPORT ON PRABODHANA'S CANCER AWARENESS PROGRAMME, 30TH OCTOBER 2018

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 one in eight women. It is the leading cause of cancer in women. In light of October being the breast cancer awareness month, a seminar 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



(Inaugural address by Sri. P. Asokan Nair, President., Nooranad Grama Panchayath.)





(Awareness Class by Dr. S. Suresh Kumar, Civil Surgeon, District)



(Beneficiaries of the talk)





(Questionnaire session with Dr. S Suresh Kumar.)





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

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.



Participants with the organizing team



ASSOCIATION ACTIVITY INAUGURATION & SEMINAR ON “ ELECTRICAL SAFETY AWARENESS”



Inauguration

ceremony

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. 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. 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 and also gave an expert talk on "Electrical Safety Awareness". Asst. Prof. Madhav K, IE (I), college coordinator felicitated the gathering. The inaugural session was concluded by Vote of thanks delivered by Department association faculty in charge Asst. Prof. Chama R C.



A handwritten signature in green ink, consisting of a stylized 'R' followed by a horizontal line.

**REPORT ON PRABODHANA'S SCIENCE LECTURE ON 'DIGITAL LIFE', 26TH
OCTOBER 2018**

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 conducted a seminar on "Digital Life" by Prof. Supriya L P, Dept. CSE, SBCE, Elavumthitta on 26th October 2018 at Govt. VHSS, Chunakkara. The talk was arranged for about 200 students of class X of Govt. VHSS, Chunakkara. The objective of the programme was to make students aware about the recent technology improvements in day to day life. The event consisted of two sessions. 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 session Prof. Supriya L P, Dept. CSE, Sree Buddha College of Engineering, Elavumthitta presented a session for students on Social Networks, IoT, Artificial Intelligence etc. Students were sensitized about the merits and demerits of using social networks such as facebook, whatsapp etc. Most of the students expressed their knowledge about the recent trends in the area of computer science and engineering.

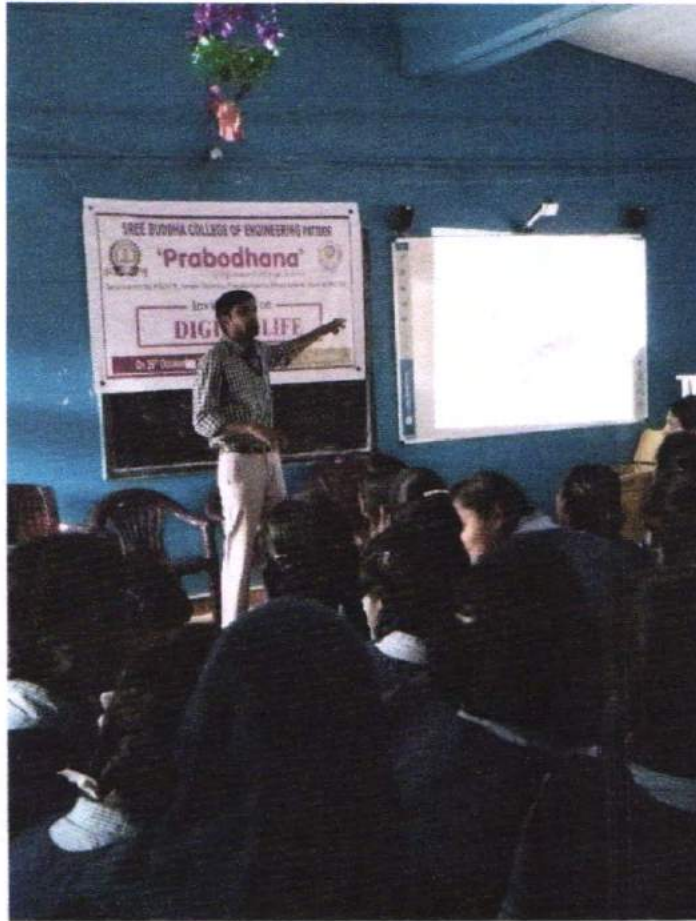
The afternoon session was handled by Prof.Gopu Darsan, Dept. of CSE. He demonstrated some IoT based projects to school students. At the end of this session students expressed their feedback about the programme. They opinioned that the programme was very useful and motivated them to implement their ideas to real world.





(Prof. Supriya L P, Dept. of CSE, SBCE, Elavumthitta delivering seminar on Digital Life.)





(Prof.Gopu Darsan, Dept. of CSE, SBCE explaining about Internet of Things.)



(Audience to the event at VHSS, Chunakkara.)



[Handwritten signature in green ink]

TECHNICAL ACTIVITY CARRIED OUT BY KOLLAM LOCAL CENTRE

Name of Centre

Kollam Local Centre

Title of Activity		Celebration Of World Standards Day 2018	
Division		Statutory Days & Student Chapters	
Date:	15/10/2018	Venue	Sree Buddha College of Engineering, Pattoor



Arrangements for the technical talk made at Seminar Hall, Computer Science Block.



Prof Lakshmi.S ,Asst Prof ,Dept of CSE,delivering welcome speech.





Dr.SV Annlin Jeba, Head of Department, SBCE delivering the presidential address



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



Felicitation by Prof. Madhav K, IE(I) Coordinator, SBCE





Felicitation by Prof. Dhanya Sreedharan, IEI Faculty Advisor, Department of Computer Science & Engineering, SBCE



Technical Talk on "International Standards and the Fourth Industrial Revolution" by Dr. Manoj A. S, Senior Knowledge Officer, ICT Academy of Kerala.



Participants attending the function



Report

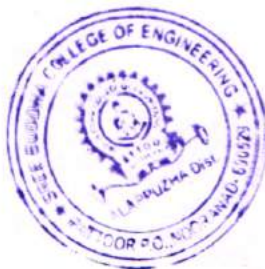
Sree Buddha College of Engineering, Pattoor celebrated the World Standards Day on October 15, 2018. The Institution of Engineers (India) students Chapter of Department of Computer Science & Engineering, Sree Buddha College of Engineering and The Institution of Engineers (India) Kollam Local Centre jointly celebrated World Standards Day.

In association with this program one day technical talk on **"International Standards and the Fourth Industrial Revolution"** was conducted by **Dr. Manoj A.S, Senior Knowledge Officer, ICT Academy of Kerala** on 15th October 2018 at Seminar hall of Computer Science & Engineering block. 60 participants attended the function. Dr. Annlin Jeba Head of the Department of Computer Science & Engineering presided the function. She mentioned various features of IE(I) and importance of standardization. The function was inaugurated by Dr. S Suresh Babu, Principal SBCE. In his inaugural address he talked about the importance of International Standards and Fourth Industrial Revolution. Prof. Madhav K, IEI Coordinator, SBCE in his facilitation pointed out the importance of Standards Day. Prof. Dhanya Sreedharan, IEI faculty advisor, Department of Computer Science & Engineering gave the vote of thanks. The function continued with a technical talk on **"International Standards and the Fourth Industrial Revolution"** by **Dr. Manoj A. S, Senior Knowledge Officer, ICT Academy of Kerala**. In his talk he told about the importance of Standardization and also stated that World Standards Day 2018 puts the spotlight on the Fourth Industrial Revolution. He also mentioned that Standards were crucial during the First Industrial Revolution, supporting the specialized mass production of manufactured goods, they will continue to play a critical role in this new era and Standards will ensure compatibility and interoperability around the globe, helping society to adopt technologies seamlessly as they emerge in the future. He also mentioned about various international standards such as World Standards Cooperation (WSC), International Electrotechnical Commission (IEC) joins ISO International Telecommunication Union (ITU) in celebrating the collaborative efforts of the thousands of experts worldwide who develop International Standards. He also talked about 4 main characteristics of Industries 4.0 demonstrate the huge capacity that industry and traditional manufacturing have for change such as Vertical networking of smart production systems, Horizontal integration via a new generation of global value chain networks through engineering across the entire value chain and Acceleration through exponential technologies.



NATIONAL LEVEL WORKSHOP ON “LATEX AND TECHNICAL WRITING”

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 detailed report of workshops is as follows. 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 department of our institution. The sessions has started followed by Registration. We received superior feedback about the event. The first day was satisfactorily completed at 4.00 p.m with a validatory function and certificate distribution to the participated 45 students studying in Final year of B Tech batch. 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 presented the methodology to overcome the difficulties faced during the report writing using MS Word. Expressed typical examples about IEEE journal writing and how the reference shall be added automatically to the Thesis report and Journal paper. Explains 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 presented the methodology to overcome the difficulties faced during the report writing using MS Word. Expressed typical examples about IEEE journal writing and how the reference shall be added automatically to the Thesis report and Journal paper. Explains 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.





Dr S V Annlin Jeba, HOD, CSE Officially inaugurating the Workshop



Prof. Gopu Darsan, Asst Professor giving Lecture on LATEX





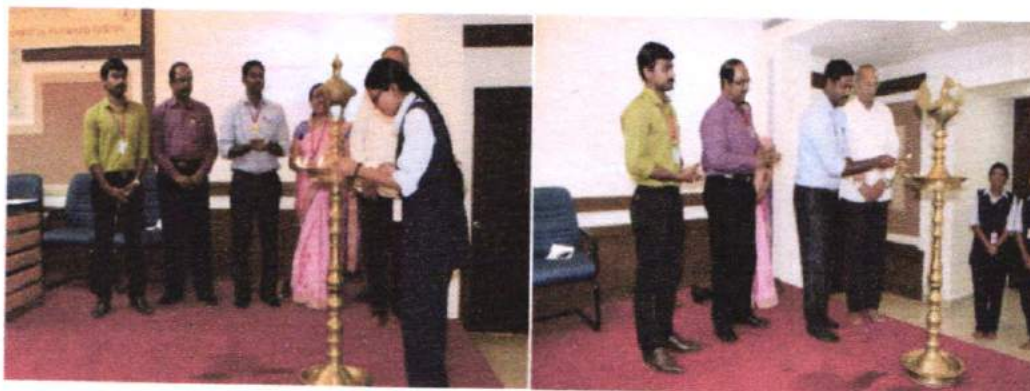
Hands on training Session



@

SEMINAR ON KERALA FLOOD 2018; FLOOD MANAGEMENT IN KUTTANAD REGION

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.. The invited speaker for the day was Dr. Gopakumar R, Professor, Department of Civil Engineering, Sree Buddha College of Engineering Pattoor. The lecture was followed by ideathon contest for the students on the theme "Kayakalpa- An ode to mother nation".



Inauguration function



DEPARTMENT OF ELECTRONICS AND COMMUNICATION- Faculty Training
Program "THINK INNOVATIVE, DESIGN SMART"

A three day faculty training program on **"Think Innovative, Design Smart"** was organized by the department of Electronics and communication Engineering of Sree Buddha college of 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. The program started with welcome address, delivered by Prof.Pavitha P. P., HoD, Department of ECE, Inaugurated by Dr.S.Suresh Babu, Principal SBCE, his words motivated to know more about "Design Thinking".

The workshop was organized in three different sessions

- DAY 1(6/8/2018): EXPLORE DESIGN THINKING
- The introductory session was handled by Prof.Gopu Darshan ,Assistant professor from department of CSE. He enlightened the session with concept of innovative thinking. The session was followed by Porf.Sabi S., Assistant professor from department of ECE, he made us understand the process involved in desining creative products .
- DAY 2(4/9/2018): METHODS AND TOOLS
- The ideation part was taken up by Dr.Manoj Narayanan, Associate Professor from department of BT&BCE his session gave a new outlook of how to think innovatively in different situations. The second half was handled by Prof.Vaishak of ME departtment,he showed us different ways of prototyping.
- DAY (3/10/2018): DOCUMENTATION
- The session had a debate on different documentation process and several ways to encourage students to come up with innovative idea.





Welcome address by Prof.Pavitha P P.



Introduction by Prof.Gopu Darshan ,Assistant professor,Department of CSE



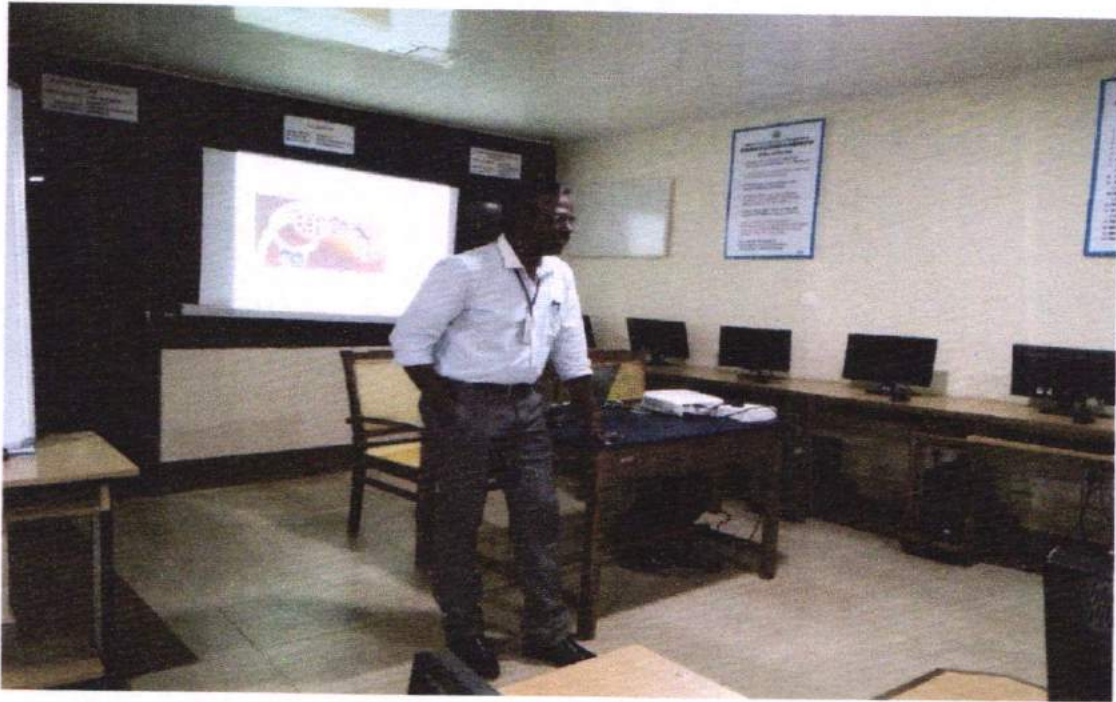


Process of Design Thinking by Prof. Sabi S., Assistant professor, department of ECE



Participants





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





**5. Awareness Program on Health Hazards of CELL Phone - 6th August 2018, of
Dept. of ECE, SBCE, Pattoor**

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 on health hazards of cell phones. Doctors and students from Josco college handled the session. Dr. S. Suresh Babu, Principal, Sree Buddha College of Engineering inaugurated the Program. Ms. Pavitha P.P., HoD ECE Dept presided the function. A survey on awareness was conducted. 50 students from different semesters were participated in the survey.



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 DRUG –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 KSivadasan, 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.



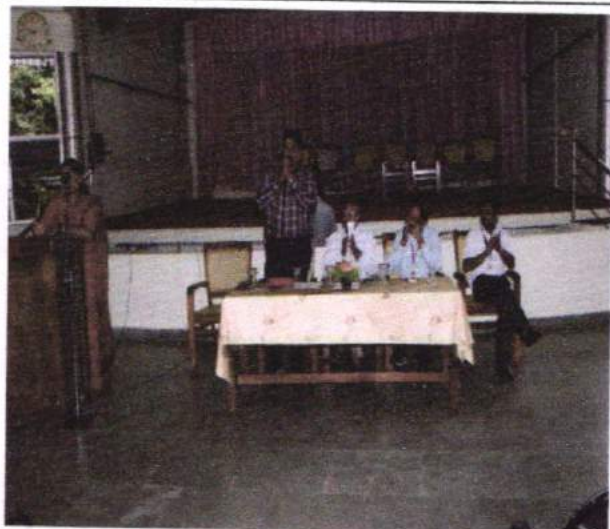
Participants with resource person



**A REPORT ON 'INDUCTION PROGRAMME' HELD AT SREE BUDDHA COLLEGE
OF ENGINEERING, PATTOOR FOR THE 1ST YEARS (2018 ADMISSION) DURING
18-27 JULY 2018**

Session on 'Cyber Crimes' on 26 July 2018

A session on Cyber Crimes and Laws dealing with Cyber Crimes was organized on 26th July 2018 at Asoka Auditorium by Sri. Vinayakumaran Nair an ex police officer and an expert in Cyber related crimes. This programme was organized with the objective to enhance the understanding of Cyber Crimes as well as various aspects of Cyber Laws dealing with Cyber Crimes. Mr. Vinayakumaran Nair gave an overview of Cybercrimes such as Electronic Commerce Crime, Economic Espionage, and Infrastructure attacks. Types of Cyber attacks with Case Studies, Defamation, Obscenity, Content Accountability, Copyright Violations Trademark Violations, E commerce violations and highlighted on Indian Cyber Laws and provision of court proceeding for Cybercrimes etc.





Inaugural address



Sri. Vinayakumaran Nair addressing the students



Awareness Program on Health Hazards of CELL Phone - 6th August 2018, of Dept. of ECE, SBCE, Pattoor 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 on health hazards of cell phones. Doctors and students from Josco college handled the session. Dr. S. Suresh Babu, Principal, Sree Buddha College of Engineering inaugurated the Program. Ms. Pavitha P.P., HoD ECE Dept presided the function. A survey on awareness was conducted. 50 students from different semesters were participated in the survey.



Awareness session



FACULTY DEVELOPMENT PROGRAMME ON 'RECENT ADVANCES IN INDUSTRIAL DRIVES & CONTROL'

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. The FDP was formally inaugurated on 9/7/2018 by Dr. B. Premlet, Professor in Physics, MES Institute of Technology and Management, Chathanoor & 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. The FDP was intended to develop awareness among PG students, researchers and faculties regarding the significance of Modern trends in modelling, simulation and control of complex systems for various new generation applications.



Session handled by Dr. B. Premlet



ENVIRONMENT DAY

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 one day Seminar on the topic "Environmental Challenges-ways to connect with nature" on 5th June 2018 in the seminar hall, Civil Block, SBCE, Pattoor. Dr. Thankamony (Retd) of the Environmental Engineering Division of College of Engineering, Thiruvananthapuram (CET) (Indira Priyadarshini Vrikshamitra Award winner a national honour for tree lovers, for the year 2002) inaugurated the function. Subsequently, Er.Sivadasan.K inaugurated a good initiative from the college students - bottle gardening and plantation of medicinal plants in the reusable plastic bottles.



Prof.Thankamanny was inaugurating world environment day celebration

A green ink signature.



TWO DAY WORKSHOP ON “BIOTECHNOLOGICAL INTERVENTIONS IN THE CURRENT WORLD”, (21-22, May 2018)

The Biotechnology Union for Development of Society (BUDS), Department of Biotechnology & Biochemical Engineering, SBCE, Pattoor organized a two day workshop “**Biotechnological interventions in the current world**” on 21-22, May 2018. This two day workshop focused on accentuating the role of biotechnology and its interventions in daily life. The students who participated were from 10th, 11th and 12th classes of the near schools.

Dr Renu G, Post Doctoral fellow at American University of Sharjah inaugurated the program and gave a talk on recent trends in nanotechnology. Treasurer K.K Sivadasan felicitated the program. Dr J R Anoop Raj (HoD) gave a talk on “Recent trends in Biotechnology”. On the second day Principal, Dr. S Suresh Babu distributed the certificates to students.



Inauguration of “Biotechnological interventions in the current world”



**PEDAGOGY FOR ONLINE AND BLENDED TEACHING-LEARNING PROCESS [3RD
MAY 2018 TO 30TH MAY 2018]**

IIT Bombay conducted a Two-Week AICTE approved FDP for college Faculties on "Pedagogy for Online and Blended Teaching-Learning Process" from 3rd May 2018 to 30th May 2018 under Blended MOOCs (Massive Open Online Courses) at Sree Buddha College of Engineering, Pattoor (Remote Center of IIT Bombay, RCID 1302). This FDP is conducted under the Pandit Madan Mohan Malaviya National Mission on Teachers and Training



Lecture sessions



NATIONAL CONFERENCE ON EMERGING TRENDS IN GREEN ELECTRICAL TECHNOLOGIES (NCETGET '18)

Engineering Education for Facing the Future (E2F2'18) is the second annual conference Series organized by Sree Buddha College of Engineering, Pattoor. The conference series was co-sponsored by the Kerala State Council for Science Technology and Environment and Government of Kerala. It was held during April 17-18, 2018. It was a common forum for academics, industrial experts, researchers and students of engineering and technology to present their research findings, discuss recent advancements and to explore future directions in the emerging areas.



(a) presentation session (b) presenting best paper award



**9TH ANNUAL DISTRICT LEVEL SEMINAR SERIES COMPETITION OF KSEB
ENGINEER'S ASSOCIATION HELD AT SREE BUDDHA COLLEGE OF
ENGINEERING, PATTOOR.**



Inaugural ceremony

The annual district-level seminar series competition of Kerala State Electricity Board Engineers Association (KSEBEA) was held at Sree Buddha College of Engineering (SBCE), Pattoor, Alappuzha, on 13th March 2018, Tuesday, in association with the Electrical & Electronics Engineering (EEE) Dept of the college and supported by IEEE PES Kerala Chapter. The winners are: First – Mr. Manu B. & Mr. Arun Prasad (EEE, S8) Second – Mr. Deepak Das Pillai & Mr. Chandu Chandran (EEE, S4)



NATIONAL LEVEL WORKSHOP -RUBY ON REELS

A One day national level symposium titled 'WORKSHOP ON RUBY ON REELS' was organised by the Dept of Computer Science and Engineering of SBCE on 09.03.2018. This workshop was conducted in association with ICFOSS off the job training scheme at our Net Lab. The event was officially inaugurated by Prof Anil A R, Head of Dept. CSE. The faculties of the session were Ms.Anjana and Mr. Vishnu who are well known trainers of the field working as ruby developers in M/s. Red Pathers, Kakkanadu, Cochin.

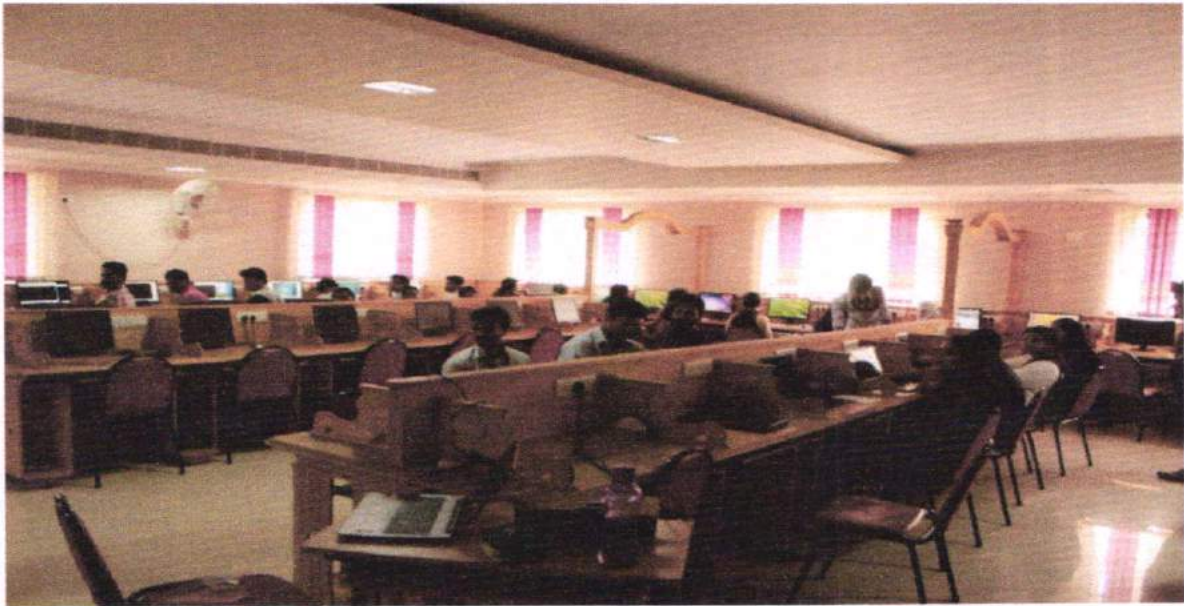
We received wonderful participation both internal as well as external candidates of other institutions. The strength was thirty nine (39) of which 7 were faculties of MACFAST and seven (7) were students of St. Thomas and Saingits college of Engineering.

The sessions has started followed by Registration. Trainers gave immense information from introducing the FOSS technology to the participants. They discussed various job opportunities of ruby on rails as well. Since they have given clear idea from basic of Ruby to hands on training of the technology, all the participants got collective and useful information about the title. Major achievement of the workshop was everyone explore the opportunity to develop their own app using ruby on rails technology. We received good feedback about the event and the way of organising by our department. The workshop was satisfactorily completed at 4.00 p.m with a valedictory function and certificate distribution.



Inauguration session





Training session

A handwritten signature in green ink, consisting of a stylized 'R' followed by a long horizontal line.



21

**FOUNDATION PROGRAM IN ICT FOR EDUCATION ON 08TH MARCH 2018 TO
12TH APRIL 2018**

IIT Bombay conducted a Two-Week AICTE approved FDP for college Faculties on "Foundation Program in ICT for Education" from under Blended MOOCs (Massive Open Online Courses) at Sree Buddha College of Engineering, Pattoor (Remote Center of IIT Bombay, RCID 1302).



Lecture sessions



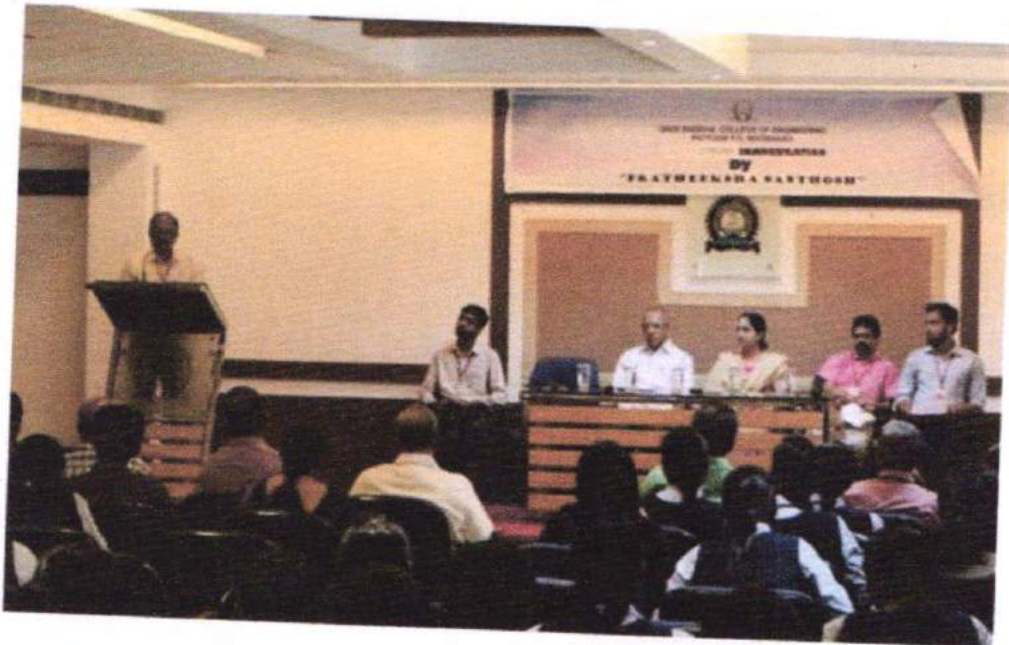
COMPUTER SCIENCE ASSOCIATION (CYBORG) INAUGURATION(WOMEN'S DAY)

Department of Computer Science and Engineering inaugurated the association activities for the academic year 2017-18 on 08th March 2018 at the Seminar hall, library block by Ms. Prathibha Santhosh (Free lance trainer) who has more than 15 years of experience in IT industry. Mr. Gopu Darsan (Association coordinator), Assistant Professor, Dept. Of CSE welcomed the gathering. The presidential address was delivered by Dr. S Suresh Babu, Principal, Sree Buddha College of Engineering. The programme was inaugurated by the chief guest by lighting the lamp. Sri K K Sivadasan, Treasurer, SBCE, gave the felicitation. After the inaugural session Ms. Prathibha Santhosh, gave a motivational speech to the students of Computer Science and Engineering Department. As part of the Association inauguration, a technical expo was conducted by the students of Computer Science and Engineering Department which was inaugurated by Sri K.K. Sivadasan, Treasurer, SBCE for school students. The expo included recent technologies like IOT projects, Virtual reality, OS Evolution, Hardware etc,. More than 150 students from various schools visited the expo.



Inauguration session





Ms. Prathibha Santhosh addressing the gathering



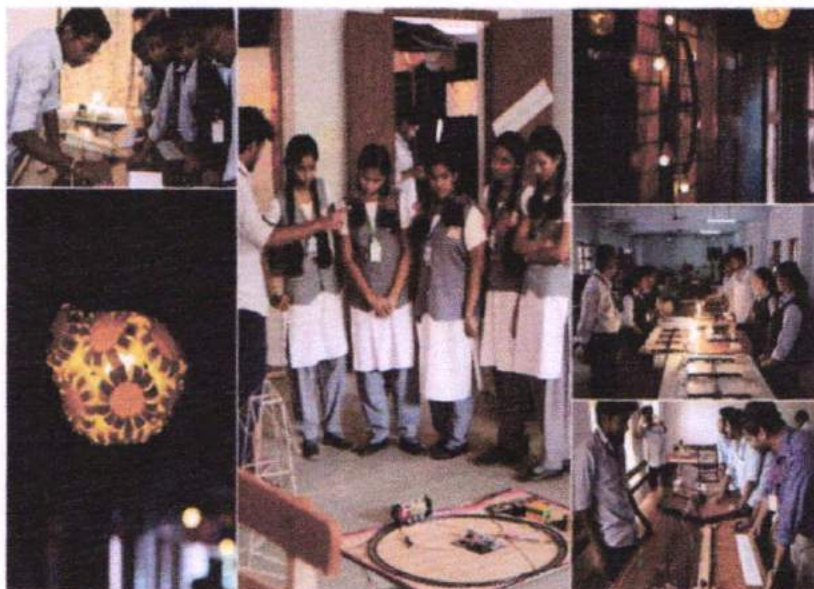


Lamp lighting session



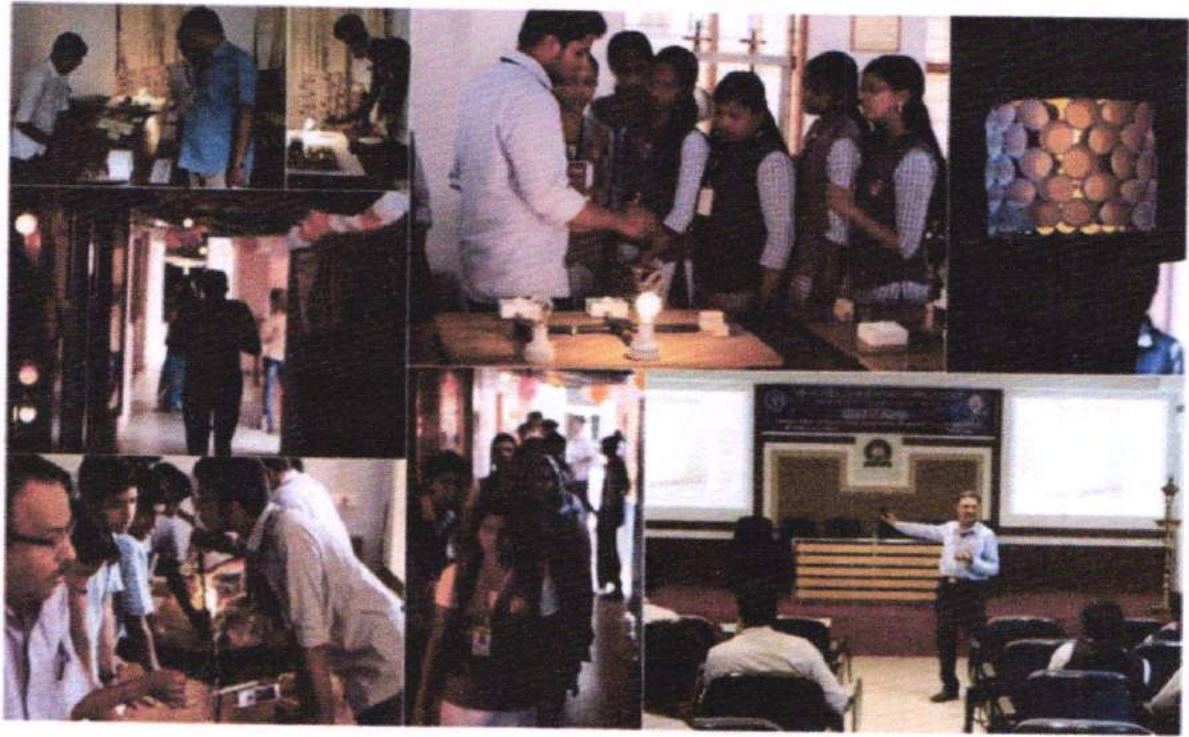
ELECTROTSAV 2K18

“ELECTROTSAV 2K18” was held at Sree Buddha College of Engineering (SBCE), Pattoor, Alappuzha, on 9th February 2018, Friday. The programme started with the welcome address by Mr. Vishnu J, Assistant Professor & Department Association Staff Secretary, EEE Department and the inauguration was done by Mr. Sreekumar M K, Energy Efficiency Engineer, BPCL, Cochin Refinery. Dr. S. Suresh Babu, Principal, SBCE, Pattoor gave the presidential address. Prof. Vinod V P, HoD of EEE department presented department annual report 2017 in front of the august audience. Mr. K K Sivadasan, Treasurer, SBCE, Pattoor has delivered felicitation speech. Vote of thanks was delivered by Anandhu Ramesh of S8 EEE. Later Mr. Sreekumar M K, Energy Efficiency Engineer, BPCL, Cochin Refinery & Mr. Azeem K, Founder & Senior Consultant, Alenso Energy, Kochi delivered a Technical session on Energy Conservation and Sustainable Energy respectively with various practical examples, which made the talk more interesting and interactive. As a part of the programme, two inter department competition such as poster presentation, concept Power Point Presentation and Project Expo were conducted at EEE Department. Students from various schools along with the faculty members visited to watch “ELECTROTSAV 2K18”. The winners are: Concept PPT First – Ms. Fathima Thangal & Ms. Alisha Moni (CE, S4) Second – Mr. Kishor Manohar & Ms. Rajeswari A (CE, S4). Poster Presentation First – Mr. Alwin Godly (EC, S2) Second – Ms. Lekshmi (EC, S2).



Interaction during the expo





Interaction during the expo



[Handwritten signature]

TECHNICAL AWARENESS & EXTENSION ACTIVITY PROGRAMME – AN OUTREACH PROGRAMME

The association of Electrical & Electronics Engineering (EEE) Dept. (TACHYONS) of Sree Buddha College of Engineering, Pattoor has conducted a 'Technical Awareness & Extension Activity Programme' – An Outreach Programme on "Energy Conservation & Management" at CBM Higher Secondary School, Nooranad on 31st January 2018 for first/second year Plus Two students.



Awareness session



INITIUM 2K12

IEEE student branch of Sree Buddha College Of Engineering organized a one day “ Managerial and Entrepreneurial Workshop” which was held on 30th January 2018 .Welcome speech was given by Ass Prof Vijina K, dept of Electrical and Electronics .The inauguration was done by chief guest Shri Binu Sankar,who was also the resource person of the event. Principal Dr S Suresh Babu delivered the presidential address, followed by felicitations from K KSivadasan Thampy,Treasurer,SBCE. Head of the Department, Electrical and Electronics, SBCE. Vote of thanks was given by SB Chair Manu B.

ShriBinuSankar who was the resource person has been with EY for 5 + years and brings over 11 years of experience in building collaboration platforms across universities, start-up community and the government.

The morning session started from 10:30 am. The classes began with start-up ideas and reflecting knowledge on managerial sections. Various slides were shown regarding the user empathy .Later the classes got focussed on managerial and entrepreneurial arenas.He explained about various scopes and possibilities of management and start-ups.

*120 students attended the programme from SBCE, 80 students from other colleges.



Inaugural speakers



The various aspects which he had gone through are;

Time Management

He quoted that a successful entrepreneur must be able to make wise decisions about how he uses his time, continually evaluating and prioritizing tasks according to relevance and importance. Entrepreneurs must also manage their professional life in conjunction with their family life, striking a balance between work and home.

Business Management

A successful entrepreneur has management skills to accurately research his market and develop a comprehensive, multi-year business plan. This includes accounting for growth and development, taking on employees, financing operations and marketing and running or overseeing the day-to-day business functions.



Chief guest **BINU SANKAR** talk -Resource Person, **INITIUM 2K18**

Customer Management

He also said that a good entrepreneur must have the ability to juggle clients, trouble shoot problems oversee customer interaction with employees and ensure that customers are satisfied.

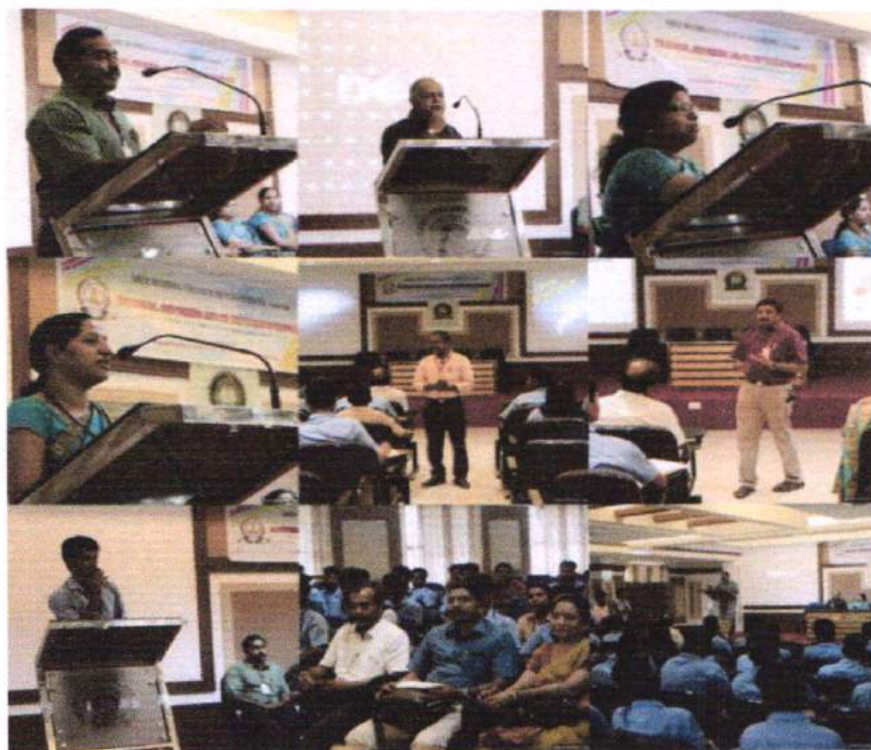


The workshop came to an end by 4pm, after that chief guest was honoured by awarding a memento from the college management. The event got good feedback .Students from various departments of SBCE attended the workshop, External participants including the students of Sree Vellapally Natesan College of Eng. also attended the event. The Student Branch counsellor and each and every volunteer of IEEE contributed their 100% to make this event a successful one .



TECHNICAL AWARENESS & ON THE JOB TRAINING PROGRAMME' – AN OUTREACH PROGRAMME

A 'Technical Awareness & on the Job Training Programme' – an Outreach Programme was conducted by the association of Electrical & Electronics Engineering (EEE) Dept. of Sree Buddha College of Engineering, Pattoor 12th January 2018. The programme started by 11 am followed by the Welcome Address by Prof. Vinod V P, HoD of EEE department. Dr. E K Bhass, HoD, CE, Dr. Gouri Antherjanam, Professor, CE & Prof. Ambika Sekhar, HoD, ECE have delivered felicitation speech. Vote of thanks was delivered by Anandhu Ramesh of S8 EEE. Later Dr. E K Bhass, HoD, CE, Mr. Vishnu J, Assistant Professor, EEE & Mr. Sabi S, Assistant Professor, ECE delivered a Technical session with various practical examples, which made the talk more interesting and interactive. After that the students were split into two batches. The Civil students visited various labs in CE Department. The rest of the students visited the Electrical Machines Lab & High Voltage Engineering Lab, Department of EEE. Later the students visited 50 KW On-Grid Connected roof top Solar Power Plant. Live demonstration and explanation of 50 kW On-Grid Solar panel was done by Mr. Vishnu J, Asst. Prof., EEE. By 2:30pm the programme was concluded.



Inauguration session





Interaction with students



[Handwritten signature in green ink]

'PRABODHANA' – ENLIGHTENMENT THROUGH SCIENCE

On 12th December 2017 Sree Buddha College of Engineering, Pattoor organized a program sponsored by Kerala State Council for Science, Technology and Environment (KSCSTE) under Science Popularization Programme. Students from NSS Polytechnic Pandalam attended the program along with the faculty members of our institution. Dr. Mithun M S, Associate Professor, Department of Electrical and Electronics Engineering was the speaker of the talk.



Interacting with students team



TWO DAY WORKSHOP ON 'EMBEDDED SYSTEMS'

A Two Day Workshop on 'Embedded Systems' was conducted by the association of Electrical & Electronics Engineering (EEE) Dept. of Sree Buddha College of Engineering, Pattoor on 26th & 27th October 2017 for UG and PG students, in association with MATT Engineering Equipment, Nagercoil, Kanyakumari..



Participating team with experts



Handwritten signature in green ink.

POWER QUIZ 2017

The College (preliminary) level 'Power Quiz-2017' competition of Kerala State Electricity Board Officers' Association (KSEBOA) was held at Sree Buddha College of Engineering (SBCE), Pattoor, Alappuzha, on 25th October 2017, Wednesday, in association with the Electrical & Electronics Engineering (EEE) Dept. of the college. KSEBOA has been regularly conducting this competition since 1996, in order to motivate and enhance the understanding of up-coming electrical engineers in the domain of Power System. The program started with the welcome address by Prof. Vinod V P, HOD – Dept. of EEE, SBCE. 47 students from different departments of SBCE were participated in the event. The winners are:
First – Manu B Pillai (EEE, S7)

Second – Akhil P Kumar (CSE, S3).

The winners are selected for district level competition.



Power Quiz competition session

“ELECTROTSAV 2K18” was held at Sree Buddha College of Engineering (SBCE), Pattoor, Alappuzha, on 9th February 2018, Friday. The programme started with the welcome address by Mr. Vishnu J, Assistant Professor & Department Association Staff Secretary, EEE Department and the inauguration was done by Mr. Sreekumar M K, Energy Efficiency Engineer, BPCL,



Cochin Refinery. Dr. S. Suresh Babu, Principal, SBCE, Pattoor gave the presidential address. Prof. Vinod V P, HoD of EEE department presented department annual report 2017 in front of the august audience. Mr. K K Sivadasan, Treasurer, SBCE, Pattoor has delivered felicitation speech. Vote of thanks was delivered by Anandhu Ramesh of S8 EEE. Later Mr. Sreekumar M K, Energy Efficiency Engineer, BPCL, Cochin Refinery & Mr. Azeem K, Founder & Senior Consultant, Alenso Energy, Kochi delivered a Technical session on Energy Conservation and Sustainable Energy respectively with various practical examples, which made the talk more interesting and interactive. As a part of the programme, two inter department competition such as poster presentation, concept Power Point Presentation and Project Expo were conducted at EEE Department. Students from various schools along with the faculty members visited to watch "ELECTROTSAV 2K18". The winners are: Concept PPT First – Ms. Fathima Thangal & Ms. Alisha Moni (CE, S4) Second – Mr. Kishor Manohar & Ms. Rajeswari A (CE, S4). Poster Presentation First – Mr. Alwin Godly (EC, S2) Second – Ms. Lekshmi (EC, S2).



HRIDAYASANGAMAM

A social activity named as "Hridayasangamam" as a part of extension activity of the association of Electrical & Electronics Engineering (EEE) Dept. at Santhwanam Charitable Society, Muttom on 1st September 2017. Special thanks to 2015-19 Batch



Celebration session



GENSIS 2017
(GENDER EQUALITY THROUGH NATIONAL SERVICE INTERVENTION
SCHEME)

Date of activity	29-08-2017
Type of activity	Community activity
Venue	Panchayath Hall, Nooranad Grama Panchayath

NSS units of Sree Buddha College of Engineering Pattoor organised GENSIS seminar in Nooranad Grama Panchayath on 29th August, 2017. The aim of the programme was to create awareness among the community to consider all genders equally. Sri. P Ashokan Nair, President, Nooranad Grama Panchayath inaugurated the programme. Mr. Amjith T R Delivered welcome speech and Mr. Vishnu V S delivered Vote of Thanks. Awareness class was taken by Mr. Tanish Kumar. Kudumbasree members, Asha Workers, CDC Workers, NSS Volunteers were attended the programme.



Sri. P Ashokan Nair, President, Nooranad Grama Panchayath inaugurating seminar



Listening the session



ISTE WORKSHOP on ELECTRIC POWER SYSTEMS

Conducted By IIT Kharagpur (NMEICT, MHRD Project) at Sree Buddha College of Engineering, Pattoor (Remote Centre ID: 1302). Electrical Power System is a core course for any undergraduate programme in Electrical Engineering. IIT Kharagpur conducted the ISTE Short Term Training Program for Faculties on "Electric Power System" from July 10, 2017 to July 15, 2017 under Blended MOOCs (Massive Open Online Courses) at Sree Buddha College of Engineering, Pattoor (RCID 1302). ISTE STTP is funded by the National Mission on Education through ICT (MHRD, Government of India). Teachers who participated in this program attended the tutorial and lab sessions conducted in the remote centres. The lecture transmission and live interaction took place in distance mode using A-VIEW technology through internet at the selected remote centers across the country.

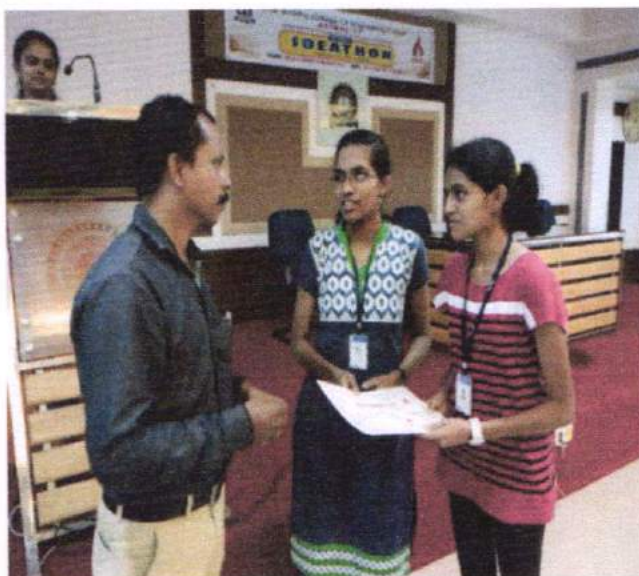


Participating team



**INVITED TALK ON “CRAFTING IDEAS FOR INNOVATION”, RESOURCE PERSON:
MR. SARJU S, NODAL OFFICER, START-UP BOOT CAMP, ST. JOSEPH’S
COLLEGE OF ENGINEERING AND TECHNOLOGY, PALAI, KERALA (19TH APRIL
2017)**

The invited talk was primarily intended to create a powerful platform where young minds throw in their ideas in the brainstorming squads and collectively work out creative solutions to a real world problem. The objective of the session was to catalyze students from all fields of study to learn more about the complex challenges prevailing in the world, like food, education and health and inspire them to channel their passions and creativity towards developing new ideas that make a difference. Talk was conducted on 19.04.2017 by the Department of Biotechnology and Biochemical Engineering, SBCE. The welcome address was delivered by Dr. Jaya Mary Jacob. The students found that session was informative and enlightening.



Interaction with Mr. Sarju S



INITIUM 2K18

IEEE student branch of Sree Buddha College Of Engineering organized a one day “ Managerial and Entrepreneurial Workshop” which was held on 30th January 2018 .Welcome speech was given by Ass Prof Vijina K, dept of Electrical and Electronics .The inauguration was done by chief guest ShriBinuSankar,who was also the resource person of the event. Principal Dr S Suresh Babu delivered the presidential address,followed by felicitations from K KSivadasanThampy,Treasurer,SBCE. Head of the Department, Electrical and Electronics, SBCE.Vote of thanks was given by SB Chair Manu B.

ShriBinuSankar who was the resource person has been with EY for 5 + years and brings over 11 years of experience in building collaboration platforms across universities, start-up community and the government.

The morning session started from 10:30 am. The classes began with start-up ideas and reflecting knowledge on managerial sections. Various slides were shown regarding the user empathy .Later the classes got focussed on managerial and entrepreneurial arenas.He explained about various scopes and possibilities of management and start-ups.

*120 students attended the programme from SBCE, 80 students from other colleges.





Inaugural ceremony INITIUM 2K18, Dr. S. Suresh Babu, Principal, SBCE Chief guest Mr Binu Sanker, Assistant Director Innovation Culture, Shri K.K. Sivadasan, Treasure, SBCE. Prof. Vinod V PHod EEE.

The various aspects which he had gone through are;

Time Management

He quoted that a successful entrepreneur must be able to make wise decisions about how he uses his time, continually evaluating and prioritizing tasks according to relevance and importance. Entrepreneurs must also manage their professional life in conjunction with their family life, striking a balance between work and home.

Business Management

A successful entrepreneur has management skills to accurately research his market and develop a comprehensive, multi-year business plan. This includes accounting for growth and development, taking on employees, financing operations and marketing and running or overseeing the day-to-day business functions.





Chief guest **BINU SANKAR** talk -Resource Person,INITIUM 2K18

Customer Management

He also said that a good entrepreneur must have the ability to juggle clients, trouble shoot problems oversee customer interaction with employees and ensure that customers are satisfied.

The workshop came to an end by 4pm, after that chief guest was honoured by awarding a memento from the college management.

The event got good feedback. Students from various departments of SBCE attended the workshop, External participants including the students of Sree Vellapally Natesan College of Eng. Also attended the event.

The Student Branch counsellor and each and every volunteer of IEEE contributed their 100% to make this event a successful one.

24. TECHNICAL AWARENESS & ON THE JOB TRAINING PROGRAMME' – AN OUTREACH PROGRAMME

A 'Technical Awareness & On The Job Training Programme' – an Outreach Programme was conducted by the association of Electrical & Electronics Engineering (EEE) Dept. of Sree Buddha College of Engineering, Pattoor 12th January 2018. The programme started by 11 am followed by the Welcome Address by Prof. Vinod V P, HoD of EEE department. Dr. E K Bhass, HoD, CE, Dr. Gouri Antherjanam, Professor, CE & Prof. Ambika Sekhar, HoD, ECE have delivered felicitation speech. Vote of thanks was delivered by Anandhu Ramesh of S8 EEE.

Later Dr. E K Bhass, HoD, CE, Mr. Vishnu J, Assistant Professor, EEE & Mr. Sabi S, Assistant Professor, ECE delivered a Technical session with various practical examples, which made the talk more interesting and interactive. After that the students were split into two batches. The Civil students visited various labs in CE Department. The rest of the students visited the Electrical Machines Lab & High Voltage Engineering Lab,



Department of EEE. Later the students visited 50 KW On-Grid Connected roof top Solar Power Plant. Live demonstration and explanation of 50 kW On-Grid Solar panel was done by Mr. Vishnu J, Asst. Prof., EEE. By 2:30pm the programme was concluded.



A green handwritten signature.



KARMA 2K17 (EXTENTION ACTIVITY)

KARMA, a social welfare initiative of the student fraternity of Department of Electrical and Electronics Engineering (EEE) of Sree Buddha College of Engineering (SBCE), Pattoor took place at Mavelikara General Hospital from 25th Feb 2017 to 27th Feb 2017. It was flagged off by Sri. R. Rajesh, MLA, on 25th February 2017 and students along with the staff of the EEE dept. performed the electrical renovation of two blocks of the hospital. The programme ended up with dedication ceremony on 27th February 2017. The valedictory meeting was presided by Dr. Mithun M S, HOD, Dept. of EEE. The renovated wards were dedicated by Dr. S Suresh Babu, Principal, Sree Buddha College of Engineering to the nursing Superintendent C. Rosamma. During his dedication speech, Dr. Suresh Babu identified the labour and hard work of nearly 40 students and staff of the EEE dept as the force behind the success of this activity. The function was attended by staff coordinators of the EEE dept, Prof. Vishnu J and Prof. Bibin Thankachan along with the student co-coordinators Mr. Munna Dev S and Ms. Amritha Ganesh and other staff and students of the dept.



Sri. R. Rajesh, MLA, giving his talk at Mavelikara General Hospital on 25th February



**ANNUAL DISTRICT LEVEL SEMINAR SERIES COMPETITION OF KSEB
ENGINEER'S ASSOCIATION HELD AT SREE BUDDHA COLLEGE OF
ENGINEERING, PATTOOR.**

The annual district-level seminar series competition of Kerala State Electricity Board Engineers Association (KSEBEA) was held at Sree Buddha College of Engineering (SBCE), Pattoor, Alappuzha, on 14th February 2017, Tuesday, in association with the Electrical & Electronics Engineering (EEE) Dept of the college and supported by IEEE Kerala Chapter. KSEBEA has been regularly conducting this competition for the last 7 years, in order to enhance the understanding of up-coming electrical engineers in the domain of Power System. The topic for this year's competition, was "Power System Harmonics – Sources, Issues and Mitigation" was organised in association with department of Electrical and Electronics Engineering.

The program started with the welcome address by Dr. Mithun M.S, HOD - Dept of EEE, SBCE and the inauguration was done by college Principal, Dr. S. Suresh Babu. Er. M. Anil, Executive Engineer & Chairman – KSEBEA, Alappuzha Unit, gave the presidential address. Students from different colleges participated in the event. In addition to the seminar competition, there was also a poster competition for PG students. The winners were judged by Er. P. Raghu, Chief Engineer – KSEB (Rtd.), Er. Gangadhara Kurup, Dty. Chief Engineer – KSEB (Rtd.), Er. Abdul Vahid K. J., Asst. Executive Engineer, KSEB – Mavelikkara unit, and Dr. A. Prince, Associate Professor, R.I.T Pampady. The program was coordinated by Prof. Vishnu. J and Prof. Bibin Thankachan of Dept. of EEE, SBCE and it concluded with a vote of thanks by Er. Sambath, Unit Secretary - KSEBEA, Alappuzha.





M. Anil, Executive Engineer & Chairman – KSEBEA, Alappuzha Unit giving his keynote for the annual district-level seminar series competition of Kerala State Electricity Board Engineers Association (KSEBEA)





NATIONAL LEVEL WORKSHOP ON “EMERGING TRENDS IN SPECIAL ELECTRICAL MACHINES”

A, three day, national level workshop on “Emerging trends in Special Electrical Machines” was conducted by the Dept. of Electrical & Electronics Engineering of Sree Buddha College of Engineering (SBCE), Pattoor from 23rd to 25th November 2016 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 inaugural ceremony was performed on 23-11-2016 by the chief guest of the day - Dr. Mini, Associate Professor, College of Engineering Trivandrum (CET), in the presence of Dr. Suresh Babu, Principal – SBCE, Mr. K. K. Sivadasan, Treasurer, Dr. Benny Thomas, HOD – EEE, SBCE, Dr. Bhass, PG dean and Dr. Mithun M. S., the Workshop Coordinator, by lighting the lamp. The workshop was intended to develop awareness among PG students, researchers and faculties regarding the significance of Special Electrical Machines (SEM) in today’s world owing to their much better performance features and lesser energy consumption than the conventional rotating machines that are currently used. It was attended by over 40 participants from within the college and outside. The invited talks in the workshop highlighted the latest designs of SEM available in the market, their control algorithms and some special applications of these machines. It also had hands-on sessions conducted by VI Microsystems, Chennai, for its participants. The key-note speakers of each day were from reputed institutions within in India; on the first day, the forenoon lecture was conducted by Dr. Mini of CET, who explained the design and analysis of a Surface Mounted Permanent Magnet Vernier Motor for robotic applications. Later in the afternoon, Dr. Vijayarajeswaran, MD, VI Microsystems, presented an overview of the various controllers used for controlling these SEM. On the 2nd day, Dr. Jiji from Government Engineering College Thrissur (GECT) demonstrated the design and control of a Permanent Magnet Synchronous Machine (PMSM) using Maxwell – Simplorer software. The key-note speakers for the third day were Sri. Anish Gopinath, Scientist – Avionics Group, VSSC Thiruvananthapuram and Sri. Kedarnath, Senior Research Fellow, IIT Madras. Sri. Anish Gopinath explained how a BLDC motor can be used for electro-mechanical actuation control systems for aerospace applications, while Sri. Kedarnath presented the latest developments in sensor less control of PMSMs. The workshop finally concluded on 25-11-2016 evening, after a closing ceremony convened by Dr. Mithun, workshop coordinator.

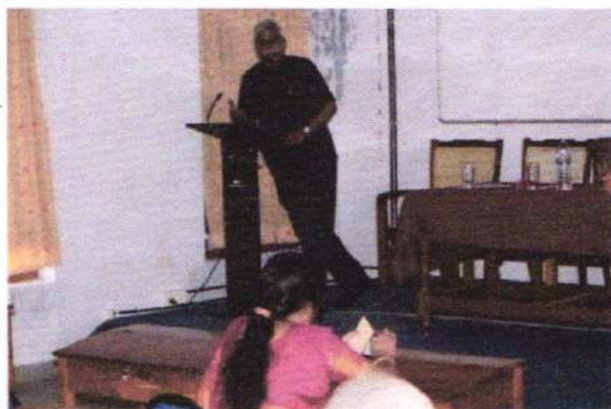




Inauguration ceremony



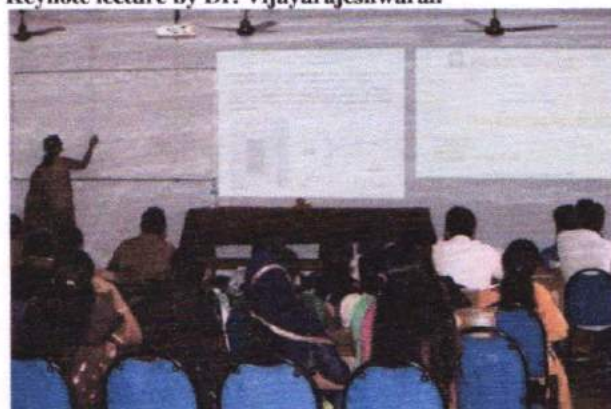
Keynote lecture by Dr. Mini



Keynote lecture by Dr. Vijayarajeshwaran



Hands-on sessions



Keynote lecture by Dr. Jiji



Keynote lecture by Sri. Anish Gopinath





Participants of the workshop along with Sri. Anish Gopinath and Sri. Kedarnath

A handwritten signature in green ink, consisting of a stylized 'S' followed by a horizontal line.



41

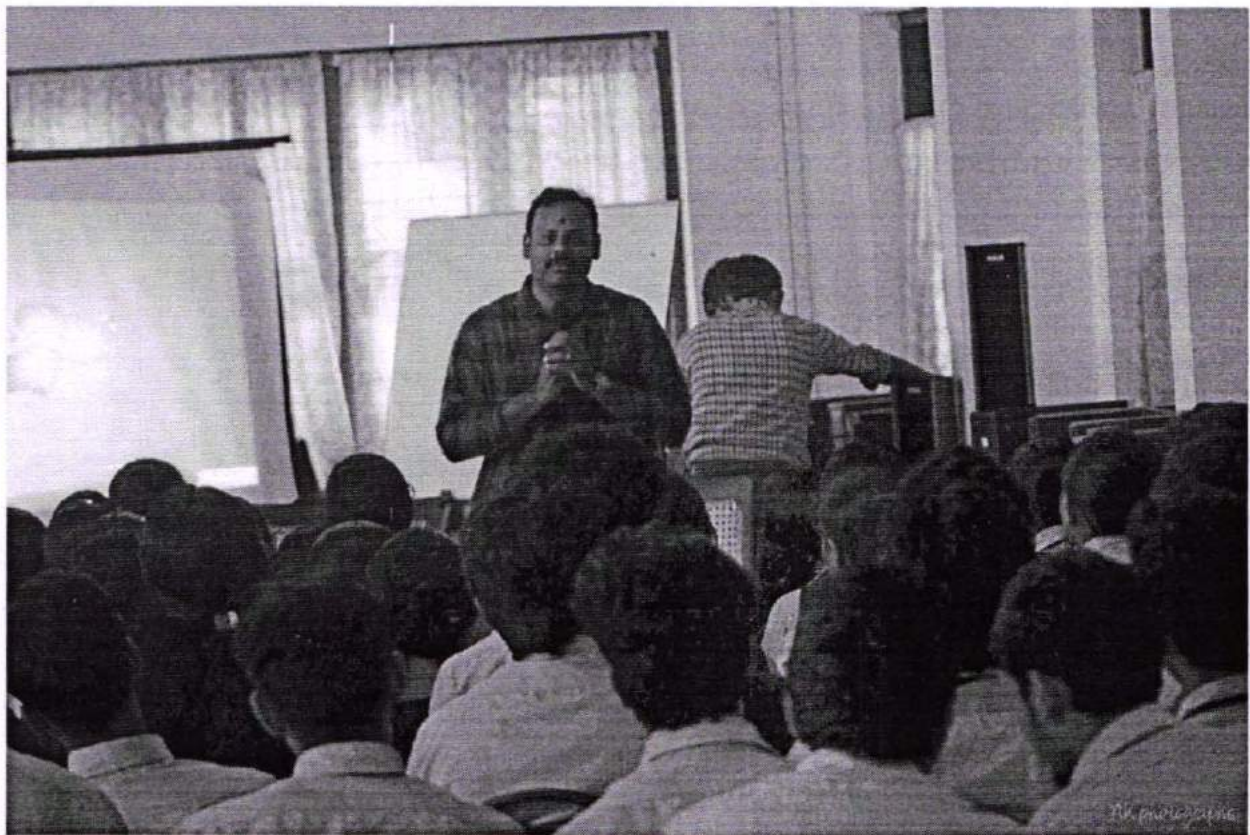
**SEMINAR ON "THE RECENT TRENDS OF NANOTECHNOLOGY" RESOURCE
PERSON: DR.RENUGEETHA, NOTTINGHAM TREND UNIVERSITY, MALAYSIA
CAMPUS**

A one day seminar titled "The Recent Trends of Nanotechnology" was organized for the Second and first year M.Tech students on 28.10.2016. Dr.RenuGeetha, Nottingham Trend University, Malaysia Campus conducted the session wherein she gave guidance to students regarding the use of nanoparticles and its application. She gave a brief idea about the opportunities of biotechnological research in India and abroad. Dr. Manoj Narayanan proposed the vote of thanks. The entire session was simply fruitful and eye opening.



WORKSHOP IN C PROGRAMMING AND DATA STRUCTURES

A one day Workshop in **C Programming and Data Structures** was organized by Computer Society of India Student Branch of Sree Buddha College of Engg. on 17 October, 2016 for the S3 B. Tech Computer Science and Engineering students. The sessions were led by Prof. Suresh Kumar N., Associate Professor, Department of CSE, College of Engineering and Management, Punnappra, Alappuzha. The workshop was organized as two sessions. The morning session focused more on basics of C programming and the afternoon session focused on Data Structures. The session was attended by 47 students and the classes were very informative for them.






**A technical talk on "START UP INITIATIVE" on 29th of MARCH
2016 organized under banner of PGIF PROGRAMME at SBCE,
PATTOOR**

Post Graduate Interdisciplinary forum and Dept of Electronics and communication Engineering cordially conducted a technical talk on "Start Up Initiative" on 29th of march 2016. The main guest speaker was **Rev.Dr.Jose Kannampuzha** (principal Amal Jyothi College of Engineering) who has a good reputation among motivational speakers for students in Kerala. The meeting was conducted at 9:30 am in Seminar hall central Library.

The meeting started with a prayer song and it was beautifully done by PG scholars of Dept of Electronics and communication Engineering. Ms. Ragimol HOD of ECE honored the guests with her welcome speech. She acknowledged the importance of the meeting and the privilege of listening to great person like Rev.Dr Jose Kannampuzha. Presidential address conveyed by our Principal Dr. S. Suresh Babu. He stressed the duties and responsibilities of each PG scholar for delivering their potential for the current situation of Global industries. Start UP initiative was the focus point of his speech. The presidential address is later followed by the felicitation of the program. It was done by PG dean Dr.E.K Bhass. He recognized the college's history of giving importance on startup initiative. After the felicitation Rev.Dr.Jose Kannampuzha addressed the scholars as a key note speech. The first session was ended with the vote of thanks given by PG coordinator, Mr.Arun C.S.





Inauguration session



Addressing the audience



E-SHAKTI WOMEN EMPOWERMENT PROGRAMME

Department of Electronics and Communication Engineering, with the perspective of creating an environment for women where they can make decisions of their own for their personal benefits as well as for the society organized the event 'e-shakthi'- a programme to empower women through electronics. The activity was carried out by B.Tech, S8 students and S2 MTech students of Dept. of ECE. The programme was conducted on 23rd March 2016.

The initial phase of 'e-shakthi' was inaugurated at Conference Hall, Library Block, SBCE by Dr. Susan George, Director, GRHRCS Pvt Ltd in the presence of Dr. S Suresh Babu, Principal, SBCE, Mr. K K Sivadasan, Treasurer, Sree Buddha Educational Society, Prof. Ragimol, HOD, Dept. of ECE, Ms Athira Shaji. Asst Prof, Dept. of ECE. The event was well supported by Mr. Asokan Nair, Nooranad Panchayath and Ms Sarala S, Pattoor Ward Member. The participants of 'e-shakthi' were members of Kudumbasree units from Nooranad Grama Panchayath. About 30 members actively participated in the event.

The programme had three sessions. With the aim of instilling a sense of social responsibility, all the sessions were handled by the students themselves. The session began with a presentation about successful women from Kerala. This part of the programme aimed at invoking a realization of strength among the participants. The next part of the programme was designed to make the members of Kudumbasree units aware of the potential of electronics in the development of small scale industries. The students demonstrated assembly of LED light bulbs to them and put forward a proposal to start household units for the assembly of LED bulbs.

The main purpose of the event was to provide basic computer and internet knowledge. The participants were given hands on training in this area and were made aware of e-mail services and various online bill payment services.

A feedback was also taken from the Kudumbasree members who have attended the programme. Everyone who attended the sessions found it to be useful and informative.





Inaguration by Dr. Susan George



**SEMINAR ON "ENVIRONMENTAL MANAGEMENT SYSTEMS
AND ENVIRONMENTAL FRIENDLY TECHNOLOGIES AND TOTAL QUALITY
MANAGEMENT AND STATISTICAL QUALITY CONTROL TECHNIQUES
FOCUSING ON ZERO DEFECTS", (16TH MARCH 2016)**

A one day seminar titled "Environmental Management Systems and Environmental Friendly Technologies and Total Quality Management and Statistical Quality Control Techniques focusing on zero defects" was organized for the students under the banner of "PGIF" on 16th March 2016. Sri. S. Venugopal, Deputy General Manager, HLL Life Care Ltd (Govt. of India Enterprise) conducted the session wherein he gave guidance to students regarding various quality control techniques. He gave a brief idea about environment management systems. Ms. Sheigha Pappachan of BT & BCE gave the vote of thanks expressing gratitude to the participants and the resource person for the session. The students found the experience to be informative and enlightening



Sri. S. VENUGOPAL, Deputy General Manager, HLL Life Care Ltd



STATISTICAL QUALITY CONTROL TECHNIQUES FOCUSING ON ZERO DEFECTS"

A one day seminar titled "Environmental Management Systems and Environmental Friendly Technologies and Total Quality Management and Statistical Quality Control Techniques focusing on zero defects" was organized for the Second and first year M.Tech students under the banner of "PGIF" on 16.03.2016. Sri. S. VENUGOPAL, Deputy General Manager, HLL Life Care Ltd (Govt. of India Enterprise) conducted the session wherein he gave guidance to students regarding various quality control techniques. He gave a brief idea about environment Management systems Ms. Sheigha Pappachan of 1st year M. Tech BT & BCE gave the vote of thanks expressing gratitude to the participants and the resource person for the session. The students found the experience to be informative and enlightening



Sri. S. VENUGOPAL, Deputy General Manager, HLL Life Care Ltd



HOW TO CONCEIVE, DESIGN AND IMPLEMENT A PROJECT, Technical talk conducted on 11/3/2016 at SBCE, Pattoor

An informative session was organized by the Department of Electronics and Communication for the students of semesters 4, 6 and 8 along with M.Tech branch on 11-03-2016 Friday. The session was handled by Dr. Neelakantan P.C , Principal, Adi Sankara Institute of Science and Technology, Kalady. The talk was about "*HOW TO CONCEIVE ,DESIGN AND IMPLEMENT A PROJECT*". The talk gave ideas to the students for designing and implementing projects. It also emphasized the need to conceive ideas based on the needs of the society.



Talk by Dr. Neelakantan P.C





Interaction with students

④



**“Workshop on seven habits of highly effective students”
Motivational talk organized on 09-03-2016 at SBCE, Pattoor**

A motivational talk was organized by the Department of Electronics and Communication for the students of S2 and S4 on 09-03-2016 Wednesday. The workshop was conducted by Mr. Abdul Rasak and Joby Mathew from IPCAI (The Institute for Person Centered Approaches in India). The talk was related on the topic ***“SEVEN HABITS OF HIGHLY EFFECTIVE STUDENTS”***. It was very motivating and knowledgeable for our students



**‘Avaaz ‘- VOICE TO AWAKEN ONESELF, Technical talk
conducted on 26-02-16 at SBCE, Pattoor**

The programme Avaaz – voice to awaken oneself was a departmental event conducted by the ETA organization of the ECE department of SBCE. The programme was held on 26th February 2016. The programme started with a class by Mr. Ajay S Kumar, Business Analyst, Allianz group. The class was beneficial as it gave the knowledge about the hidden careers associated with the subject. It was also helpful in understanding and positioning oneself among the crew and know where you stand.

The afternoon session was a class by Mr. Subramanian Pillai, BSNL technical office, Adoor Division. He addressed about various communication techniques and the latest development in the field of communication. The future scopes, developments and possible inventors which are to be worked out in this field was also discussed. The programme concluded with a quiz competition based on technical subjects and current affairs



Programme by Mr. Ajay S. Kumar





Programme by Mr. Ajay S. Kumar



Q

Electronics-yesterday, today and tomorrow

The session was a class by Mr. Subramanian Pillai, BSNL technical office, Adoor Division. He addressed about various communication techniques and the latest development in the field of communication. The future scopes, developments and possible inventors which are to be worked out in this field was also discussed. The programme concluded with a quiz competition based on technical subjects and current affairs.



Programme by Mr. Subramanian Pillai

@



ONE DAY WORKSHOP REPORT ON RENEWABLE INTEGRATION TO KERALA GRID

One day workshop on “Renewable Integration to Kerala grid” was organized by the Electrical & Electronics department association DELTA of Sree Buddha College of Engineering, Pattoor at the electrical department seminar hall on 15th October 2015. Prof. S Arumugasamy, the head of the department of EEE has welcomed the gathering. Dr. S Suresh Babu, Principal, Sree Buddha College of Engineering has delivered presidential address. PG dean Dr. EK Bhass had also shared the Dias. The workshop was inaugurated and conducted by Dr. Sasidharan Sreedharan, Post - Doctoral Researcher, Renewable Energy Design Laboratory, University of Hawaii, Manoa, USA. A brief description of electrical power generation and integration of renewable energy globally, nationally and state wise was presented. The challenges of electrical power generation using renewable energy were discussed and further an interactive session with PG students was arranged. The function was attended by staff coordinator of the EEE dept., Prof. Vishnu J and along with the student co-coordinator Mr. Bibin Thankachan and other staff and students of the dept.



Dr. Sasidharan Sreedharan talk on “Renewable Integration to Kerala grid” was organized by the Electrical & Electronics department association DELTA of Sree Buddha College of Engineering,



REPORT ON TWO DAY WORKSHOP ON “SERVICE AND MAINTENANCE OF MICROCONTROLLER/ MICROPROCESSOR KITS”

A two day workshop on “Service and Maintenance of Microcontroller/ Microprocessor Kits” during 13th and 14th of October 2015 was organized by the Department of Electronics and Communication Engineering at Sree Buddha College of Engineering, Pattoor.

The Inaugural function of this workshop was held on 13th October 2015 in the System lab of ECE Department at 9.30 a.m. The HOD and the general convener of the workshop Prof. Ambika Sekhar presided over the function. Mr. Subbiah, Mr. Jagan S Service Engineer from Vi Micro Systems Pvt Ltd, Chennai was the chief guest of the function. Prof. Ambika Sekhar, Head of Electronics and Communication Engineering Department welcomed the gathering. Mr. Subbiah gave an overview of the workshop and Ms. Saritha.NR, Assistant Professor presented the vote of thanks.

The scope of this workshop is to give an overview and hands-on experience to the participants on service and maintenance of microcontroller / microprocessor kits. It comprises introduction to microprocessor / microcontroller and an overview about programming in microprocessor / microcontrollers. The key focus of this workshop is the hands-on training on service and maintenance of microprocessor/microcontroller kits. The workshop was conducted in five sessions.

Twelve participants including three external participants from UKF college of engg and technology Kollam and VIDYA academy for science and technology Thrissur and on were participated in the workshop. About 9 technical staffs from ECE,EEE,CSE department of



SBCE participated actively and had an excellent learning experience with hands-on training.

After the session the participant's feedback were collected



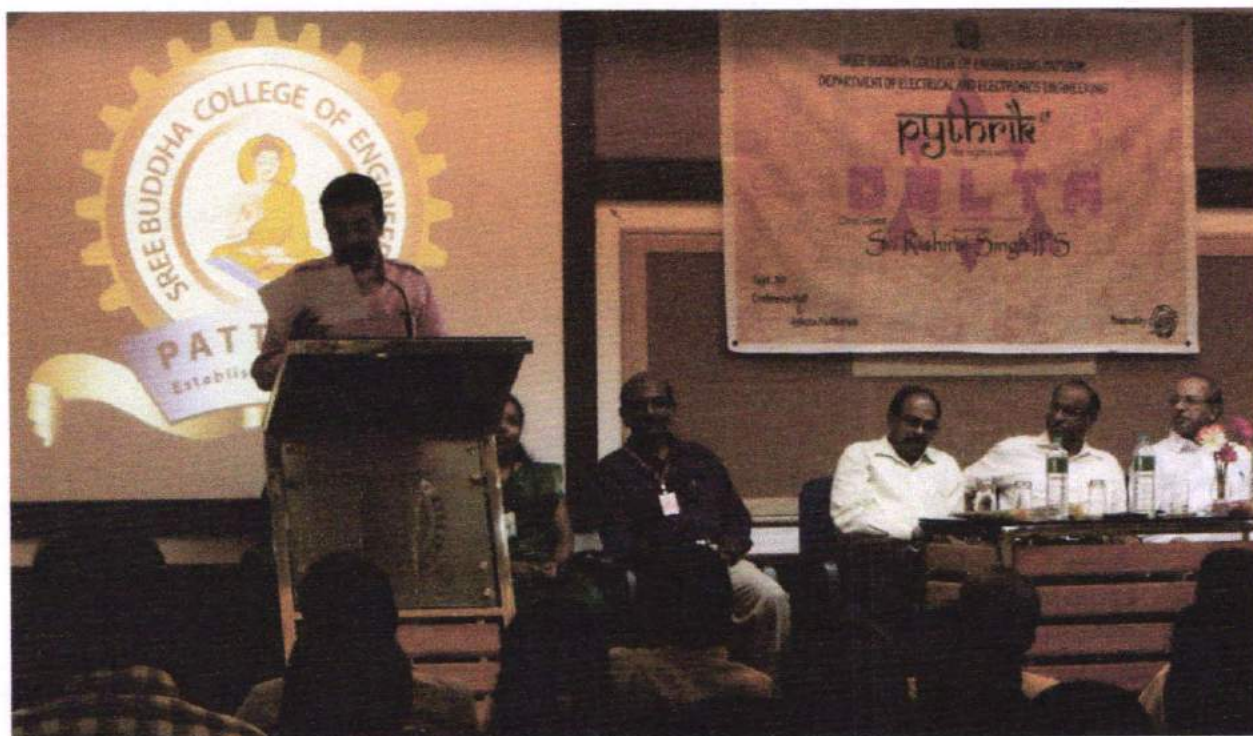
Inaugurating the session





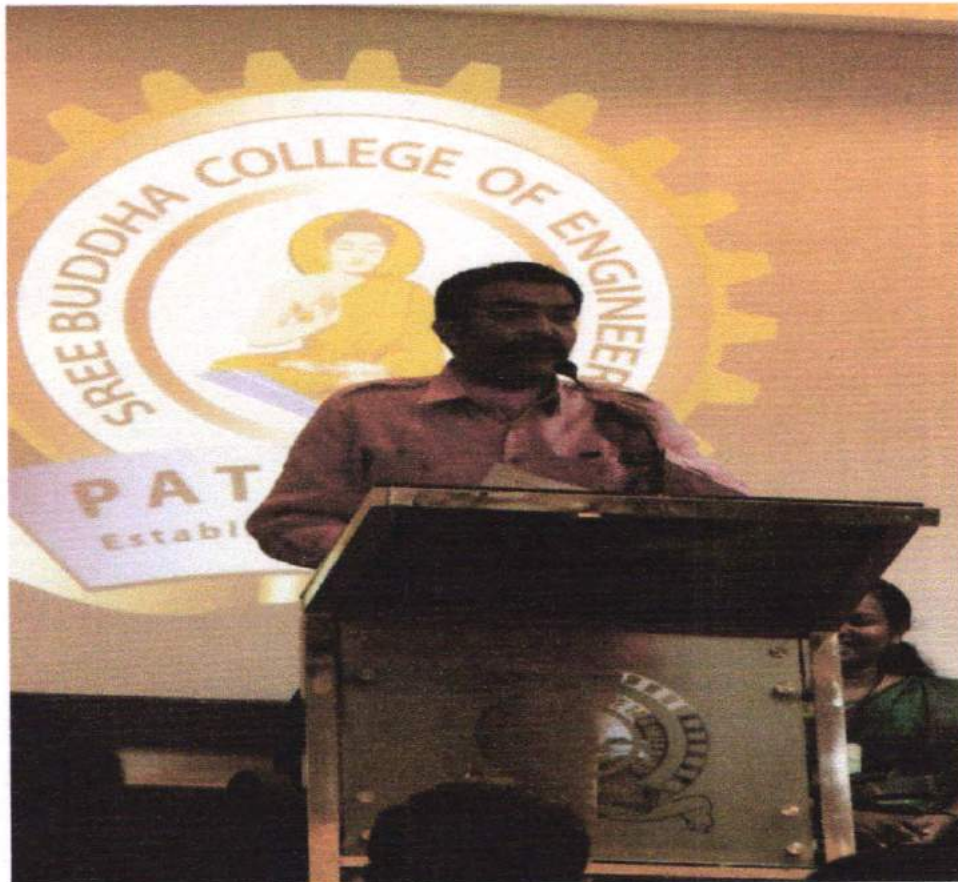
EEE TACHYONS ASSOCIATION 2015 – 2016

Sri.RishirajSingh IPS, ADGP, South Batallion inaugurated the DELTA activities for the year 2015 - 2016 on 30th September 2015 at a function arranged at the Library Seminar Hall. After the inaugural function, he gave a talk on '*Social Commitment of Youth*' which was actually an eye opener. The college Secretary Prof. V Prasad, Treasurer Sri.K.K Sivadasan, Principal Dr.S. SureshBabu, Department Staff representative Ms. Chama R Chandran and student representative Mr.Asif Abbas also spoke in the ceremony. Mr. Sujith S Nair (2011-2015 EEE Batch topper) was awarded the '*Chanakaya – Best Academic Performance*' award. Also the toppers of S3 and S5 were felicitated.



Inagural address by Sri.RishirajSingh





Talk by Sri.RishirajSingh



INVITATION FOR ONE DAY SEMINAR ON 'INDUSTRIAL POLLUTION CONTROL'

The Department of Biotechnology and Biochemical Engineering, Sree Buddha College of Engineering is organizing one day Seminar on the topic 'Industrial Pollution Control' on **16th September 2015**.

One day seminar on Industrial Pollution, sponsored and funded by Envirodesigns Eco Labs, Kochi & co- sponsored by Integrated Green Technologies Pvt Lt, Kochi(16-09-2015)

Seminar will be inaugurated by Er. M.S.Mythili, Member Secretary, Kerala State Pollution Control Board on 16th September 2015, followed by invited talks of Dr K. L Antony, Chief Executive Officer , Envirodesigns Eco Labs , Dr. Giridhar R Nair, Professor Department of BT & BCE & Mr. Arunkumar, Technical Manager, Envirodesigns Eco Labs, Kochi



Inauguration session



KANOPUS 2015' - Electronics Exhibition on September 15 & 16

In association with the Engineer's Day (September 15), Sree Buddha College of Engineering conducted a two day long exhibition in relation with Electronics and Communication – 'Kanopus 2015'. This event was organized by the Department of Electronics and Communication Engineering. The event held on September 15 & 16 was inaugurated by the Treasurer of Sree Buddha Educational Society, Mr. K. K Sivadasan and was accompanied by the Principal, Faculty and students of the College. The students were successful in organizing 30 plus stalls which showcased their creative project works and antique and recent electronic devices and equipments and used in various aspects of Electronics domain DDKTVM, KSEB, AIR took part to make this event more colorful. They were able to set up stalls and successfully imparted the technologies used by them to students. The sessions started with a video presentation about our former President A.P.J Abdul Kalam who left us a few months before. A video presentation was also organized at the college seminar hall which had additive information about the basics of Electronics, its development and growth, development and the newly emerging technologies. The event gave an awareness about the milestone technologies in the Electronics field for the students who had come from different schools. Nearly 10 schools from surrounding locality amounting to 1000 students took part in this event and made it colorful. The following schools have participated in Kanopus '15 1. Sree Buddha Central School, Karunagappally 2. St. Johns, Mattom 3. Eminence Public School, Pandalam 4. Sree Buddha Central School, Pattoor 5. Amritha School, Pandalam 6. St. Johns School, Thumpamon 7. Lords Public School, Karunagappally 8. Holy Mary Cenral School, Kayamkulam 9. VVHSS, Thamarkulam 10. Bishop Hodges HSS, Mavelikara.





Inaguration



Students in exhibition hall



PGIF PROGRAM ON MOTIVATION AND GUIDANCE FOR RESEARCH

On 13th July 2015 M Tech students of Electrical and Electronics of Sree Buddha College of Engineering organised a talk on "Motivation and Guidance for Research" under Post Graduation Interdisciplinary Forum (PGIF). Dr. Achuth Shankar. S. Nair was the speaker of the talk. He is Head of the department, department of computational biology and bioinformatics, university of kerala.

. The programme was organised at Electrical seminar hall. The programme started by 10 am with a prayer song of PG students followed by Principal Address. He greeted and welcomed the guest to the college then he talked about research approaches of students towards their Thesis. Later on. HOD Prof. Arumugasamy of EEE Department addressed the Dias by greeting the dignitaries on the Dias all the HOD' s, staffs and students. He also shared his views on Research and importance of organising such talks. Then Guest of honour Dr. Achuth Shankar was felicitated by Principal. After felicitation, lighting of lamp was there, which were done by guest, Principal, HOD, PG Dean, PG coordinator and two student representatives. After lighting lamp ceremony Dr. Achuth Shankar was invited to share his views. He spoke about Research and related topics. He also gave a brief idea about what he was going to discuss during his talk. Vote of thanks was given by student representative Sumi Elizabeth. Later on Dr. Achuth Sankar also related the research with various practical examples which made the talk more interesting and interactive. He talked about the approach of the researchers and the mistakes done by them. The talk continued till 12 pm after that question answering session was conducted where students were provided papers to write down 5 questions that they have related to research. Finally questions were collected and was answered by the Guest.

After question answering session guest was honoured with a memento by HOD, EEE Department and by 12.30 pm the programme was concluded with National anthem





The chief guest inaugurating the programme



The audience during a talk on "Motivation and Guidance for Research" under Post Graduation Interdisciplinary Forum (PGIF).





Dr. Achuth Sankar S Nair's talk on "Motivation and Guidance for Research" under Post Graduation Interdisciplinary Forum (PGIF).



EEE Dept. Association Activity ONE DAY WORKSHOP ON MATLAB

As part of the Electrical Department Association activity, Department of Electrical and Electronics, Sree Buddha College of Engineering, Pattoor organized a one day workshop on "MATLAB" on 19th February, 2016 at Seminar Hall, EEE Block. Department association faculty in charge Asst. Prof. Chama R Chandran welcomed the gathering. Dr. B. Jayanand, Professor & HOD, Government Engineering College, Thrissur conducted the sessions.

The workshop was conducted for B.Tech (6th and 8th semester) and M.Tech (1st year) students. It gave an insight to the basic concepts of MATLAB software. In this competing environment, apart from an Engineering degree every company is looking for an additional certificate course for their candidates. In this regard, our department has organized such an event to add an additional course for the students.



Inauguration session





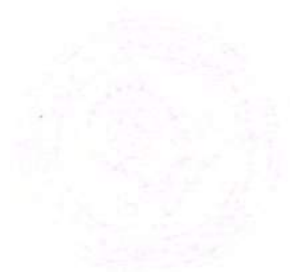
Address by guest



A green handwritten signature.



Admission by guest



IAS STUDENTS BRANCH CHAPTER SREE BUDDHA COLLEGE OF ENGINEERING (IAS SBC SBCE)"

As a part of IEEE, a student branch chapter named "IAS STUDENTS BRANCH CHAPTER SREE BUDDHA COLLEGE OF ENGINEERING (IAS SBC SBCE)" was inaugurated in our college on 18th february 2015 with a strength of 17 PG students and 9 faculty members . Dr. Tomy sebastian (President, IEEE Industrial Application Society, Director of Motor Drive Systems, Halla mechatronics) inaugurated the chapter. Mr.Srikanth vasudevan pillai (IEEE-IAS Chapter and Membership Development Vice-Chair, Area Chair, Student branch chapter ,Region 10,Asia West) feliciated the event. Prof. C . Asokan, Head of the department, EEE, SBCE precided over the gathering. From the student members, office bearers were elected - Mr. Vijai Jayraj as Student Chapter Chair, Ms. Sumi Elizabeth Varghese as Secretary and Mr. Bibin Thankchan as Treasurer . The Chapter was officialy approved on 12 th may 2015.Mrs.Vijina K is the staff co-ordinator of the chapter



Mrs.Vijina K the staff co-ordinator of EEE with Dr. Tomy sebastian (President, IEEE Industrial Application Society and Mr.Srikanth Vasudevan pillai (IEEE-IAS Chapter and Membership Development Vice-Chair, Area Chair, Student branch chapter ,Region 10,Asia West)





Mr.Srikanth Vasudevan pillai (IEEE-IAS Chapter and Membership Development Vice-Chair, Area Chair, Student branch chapter ,Region 10,Asia West)Lighting the lamp



[Handwritten signature in green ink]

TWO WEEK ISTE WORKSHOP ON CONTROL SYSTEMS, IIT KHARAGPUR

The Department of Electrical & Electronics Engineering, in association with IIT Kharagpur organized a two week (ISTE) workshop on Control Systems from December 2 to 12, 2014. Faculty members from various colleges attended the same. IIT Kharagpur and Sree Buddha College of Engineering, Pattoor collaborates to enhance the teaching skills of their faculties in core Engineering and Science subjects. The lecture transmission and live interaction took place in distant mode using the AVIEW technology through internet, at Sree Buddha College of Engineering, Pattoor (RCID 1302). This initiative was a part of the 'National Mission on Education through ICT' which was supported and funded by MHRD, Govt. of India.

