

**Sree Buddha College of Engineering Pattoor integrates cross cutting issues relevant to Gender, environment and Sustainability, Human Values and Professional Ethics into the Curriculum**

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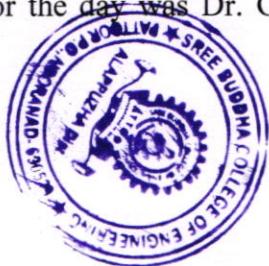
**1. "JEEVAJALA"-WATER ANALYSIS CAMP**

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



**2. SEMINAR ON KERALA FLOOD 2018 & FLOOD MANAGEMENT IN KUTTANAD REGION**

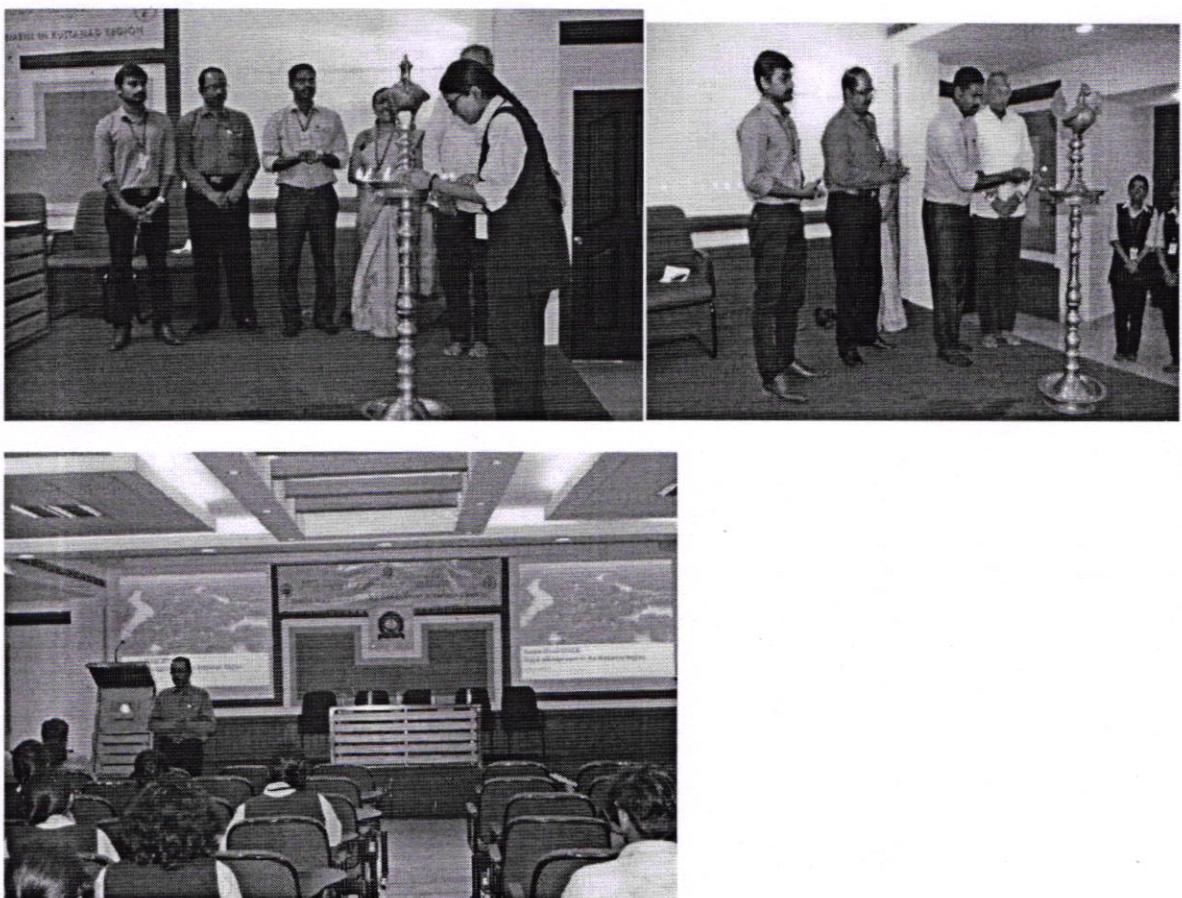
Sree Buddha College of Engineering, Pattoor celebrated the 51<sup>st</sup> Engineer's day on September 18, 2018. The Institution of Engineers (India) students Chapter of Department of Bio technology and Biochemical Engineering, Sree Buddha College of Engineering and The Institution of Engineers (India) 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



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Buddha College of Engineering Pattoor. The lecture was followed by ideathon contest for the students on the theme “Kayakalpa- An ode to mother nation”.

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 5<sup>th</sup> 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 was inaugurated a good initiative from the college students - bottle gardening and plantation of medicinal plants in the reusable plastic bottles.



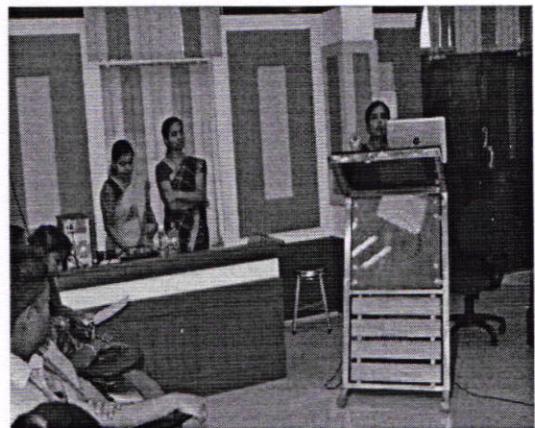
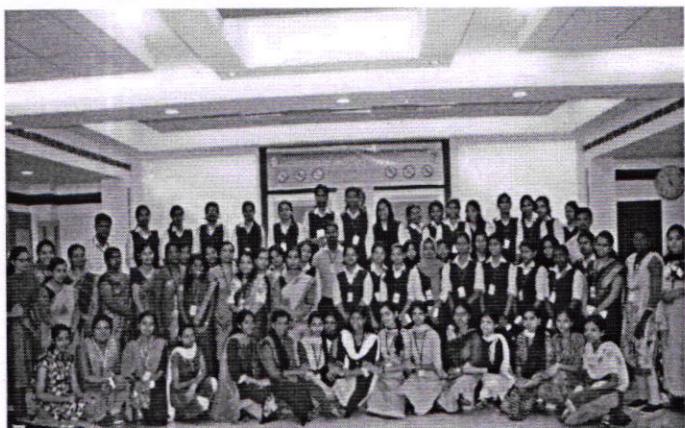
### 3. ONE DAY SEMINAR ON “SAY NO TO DRUG-AN AWARENESS PROGRAMME”



  
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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, 6<sup>th</sup> August, 2018. Dr. Anoop Raj J R, Head, Department of Biotechnology & Biochemical Engineering, welcomed the gathering. Dr. S Suresh Babu, Principal, Sree Buddha College of Engineering delivered presidential address. Sri. K K Sivadasan, Treasurer, Sree Buddha Educational society inaugurated the seminar. Ms. Jyothiz George, Josco College of Nursing gave a technical talk on the factors affecting drug abuse and impact of drug usage. She also conveyed awareness about the negative repercussions of drugs so as to discourage their use. It was a very informative session to the students. Dr. Malu Ravi, Seminar co-ordinator proposed the vote of thanks.

Sree Buddha College of Engineering, Pattoor celebrated the 51 st 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.



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



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Under **PRABHODANA**-“enlightenment through science” ,a programme jointly conducting by the Kerala State Council for Science, Technology & Environment and Sree Buddha college of engineering, Pattoor, Nooranad under science popularization scheme of KSCSTE organized an invited talk on “**Efface our e-waste**” on 19<sup>th</sup> September 2018 at Pope Pius higher secondary school, Kattanam.

The programme was organized by In hand with KSCSTE, Department of Biotechnology and Biochemical Engineering, Sree Buddha College of Engineering, Pattoor and Earth Sense Recycle Pvt. Ltd. A one day talk will be arranged to school students of class XI & XII. of Pope Pius XI, Kattanam, Kayamkulam. The programme has the objective to evaluate and analyze the disposal behavior and public perception/awareness on E-waste. There is an urgent need to streamline and sensitize young minds to the environmental problems and concerns. Students must have awareness about environmental problems so that they can play their role very effectively in proper waste management.



## **5. A Seminar on "Environmental Management systems and Environmental Friendly Technologies and Total Quality Management and Statistical Quality Control Techniques Focusing on Zero defects" (PGIF PROGRAM)**

**Resource persons -Sri. S. VENUGOPAL, Deputy General Manager, HLL Life Care Ltd  
(Govt. of India Enterprise)**

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 1<sup>st</sup> 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.



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## **6. PRABODHANA'S CANCER AWARENESS PROGRAMME**

'Prabodhana' – Enlightenment through Science is a project sanctioned under Science Popularization Programme of Kerala State Council for Science, Technology and Environment (KSCSTE) with the goal of popularizing science and scientific outlook among people.

Prabodhana is a one year long venture focusing on Motivational Programme, Science Behind Miracles, Innovative Technologies, Environment, Energy & Waste Management and Health. Prabodhana targets to foster and nurture interest in science among school children and women, to make them aware of recent trends in science and technology and to motivate them to select careers in science.

On **30<sup>th</sup> 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 Gram 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.

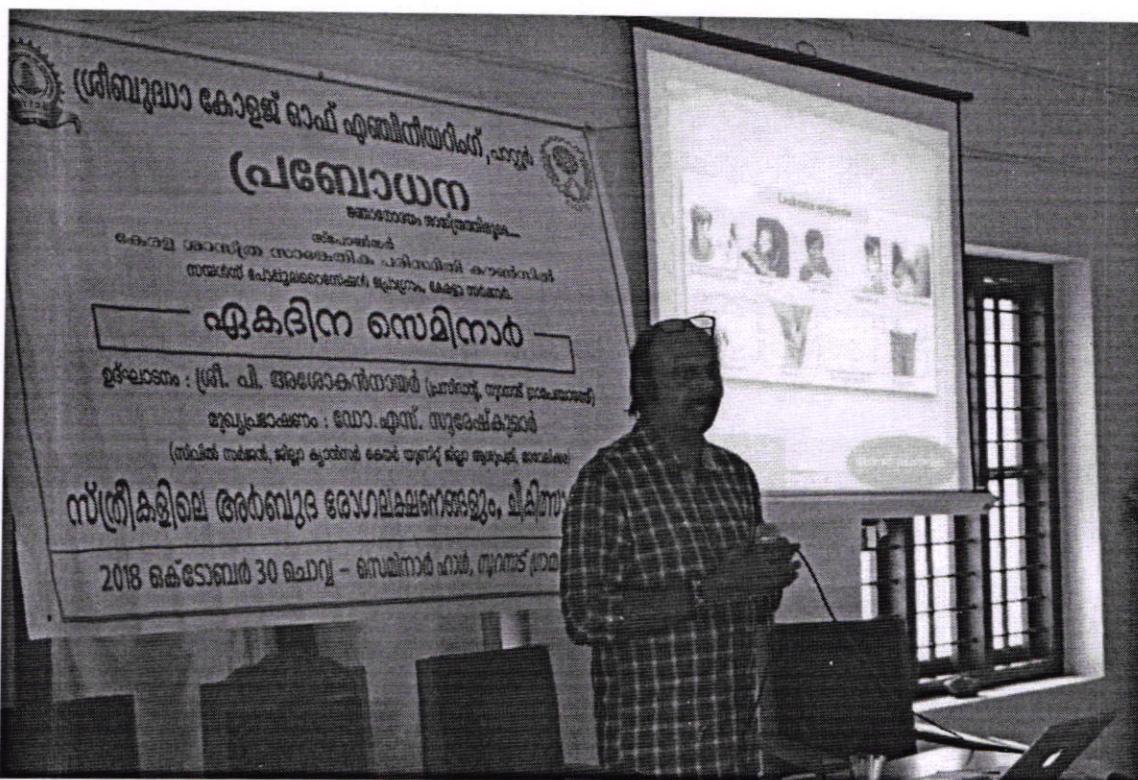
Breast cancer affects one in eight women. It is the leading cause of cancer in women. In light of October being the breast cancer awareness month, a seminar on 'Breast Cancer – Diagnosis & Treatment' was delivered by Dr. Suresh Kumar, Civil Surgeon, District Cancer Care Unit, Mavelikkara District Hospital. The talk also included awareness on self screening techniques and treatments for identification of various types of cancers. The event was conducted at Conference Hall of Nooranad Grama Panchayath. The activity was organized for about 100 women of Nooranad Panchayath.

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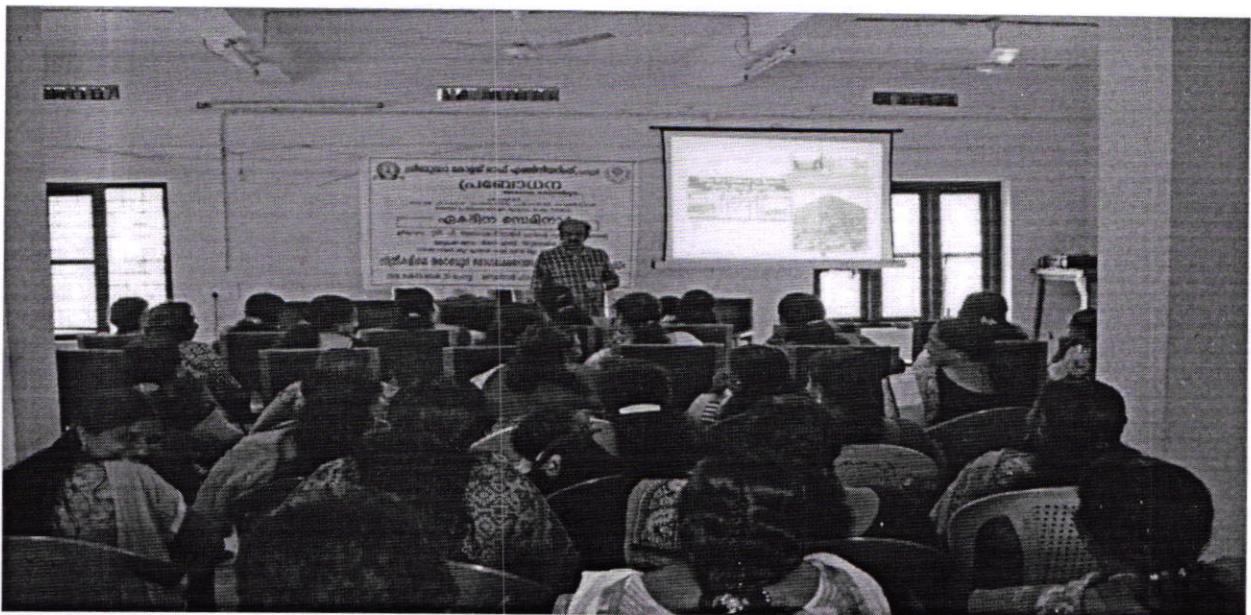
Inaugural address by Sri. P. Asokan Nair, President.,Nooranad Grama Panchayath.



Awareness Class by Dr. S. Suresh Kumar, Civil Surgeon, District Cancer Care Unit, Mavelikkara.



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Beneficiaries of the talk



Questionnaire session with Dr. S Suresh Kumar.



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## **7. CELEBRATION OF WORLD HABITAT DAY 2018**

IE(I) student's chapter Department of Civil Engineering, Sree Buddha College of Engineering (SBCE), Pattoor, Alappuzha along with IE(I) Kollam Local Centre celebrated the world habitat day. In association with this program a one day technical talk on "Solid Waste Management" was conducted by Mr. Subhash Varma Professor Department of Architecture T.K.M College, Kollam on 1 October 2018 at conference hall. 120 participants attended the function. Dr. Gowri Antharjanam HoD, Department of CE gave the welcome address on this occasion. In her address she expressed the importance of observing The World Habitat Day. And also, she notified her expectation in young engineers and pioneers for the better future.

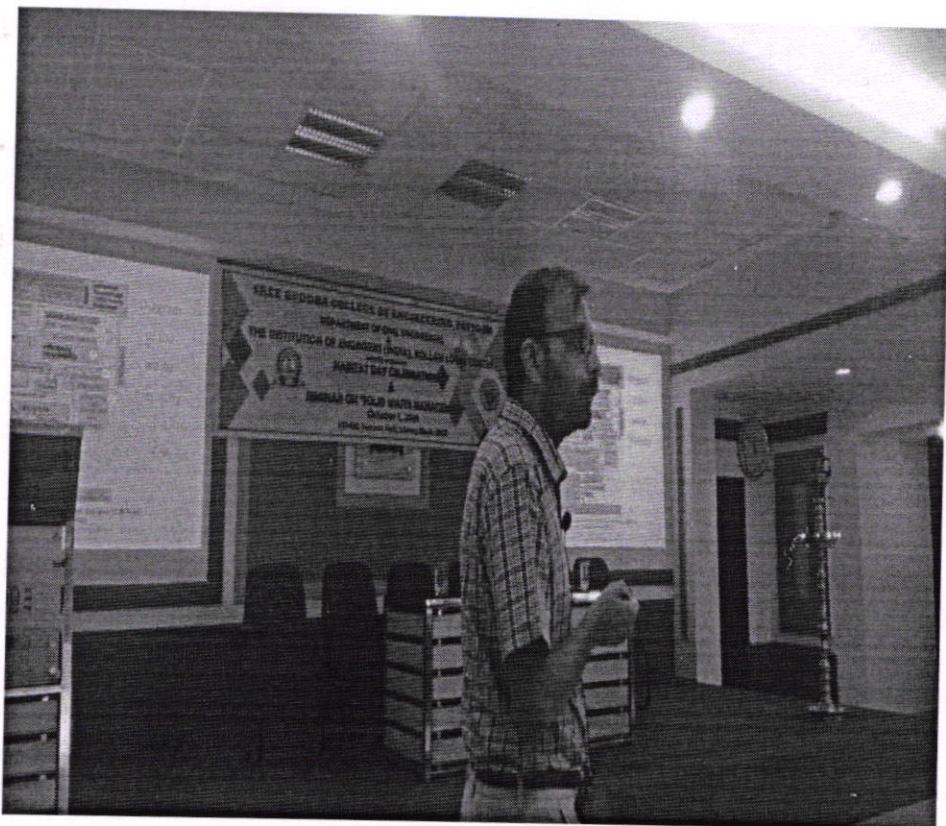
The function was presided over by Dr. S Suresh Babu, Principal SBCE. In his presidential address he expressed his concern over the increasing amount of wastes in urban and rural area. He mentioned about the possibilities of eco friendly construction and use of resources without depleting it. K.K. Sivadasan the college treasurer inaugurated the function. Prof Madhav K, IEI Coordinator. SBCE in his facilitation pointed out the role of Habitat Day by reminding us about the sources and amount of solid wastes. Prof Pradeep P, Asst. Prof Department of CE in his facilitation pointed that for the past 50 years environmental pollution was not much considered and now it became a fact which affect the human existence. Dr. E. K. Bhass, P.G Dean, Dept. of CE, SBCE gave the vote of thanks.

The function continued with a technical talk on "Solid Waste Management" by Mr. Subhash Varma Professor Department of Architecture T. K. M College Kollam. In his talk he told about the importance and the way of eradication of solid waste which has heightened in Kerala after flood. He mentioned that waste is not waste but it's another resource if we manage it well. He also said that as an initiative step micro level solid waste management should start from our homes. The UN agenda of this year is for World Habitat Day 1 October 2018 is *Municipal Solid Waste Management*.

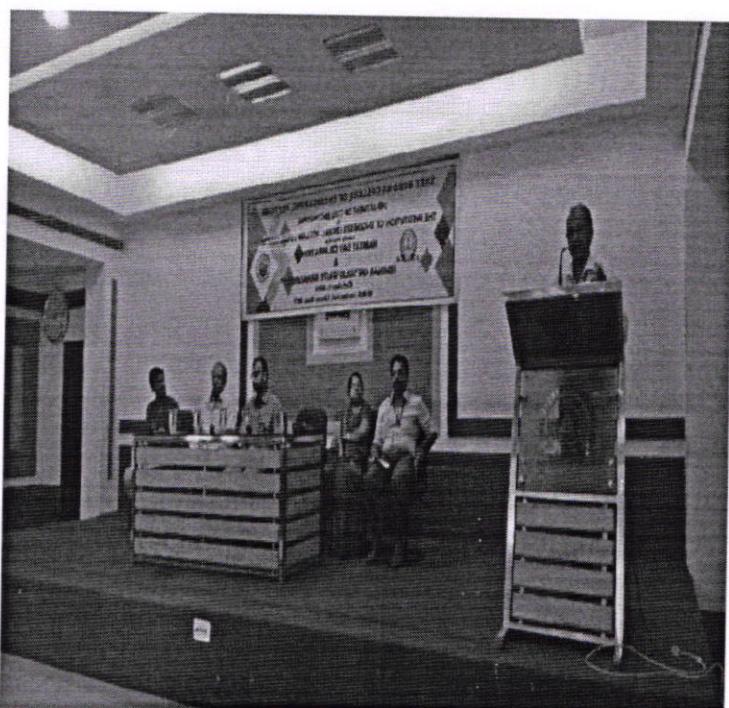


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Techincal Talk on “Solid Waste Management” by Mr. Subhash Varma, Prof. Department of Architecture T .K. M College Kollam.



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



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## **8. ‘e-shakthi’ – WOMEN EMPOWERMENT PROGRAMME AT SREE BUDDHA COLLEGE OF ENGINEERING**



**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 23<sup>rd</sup> 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



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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.



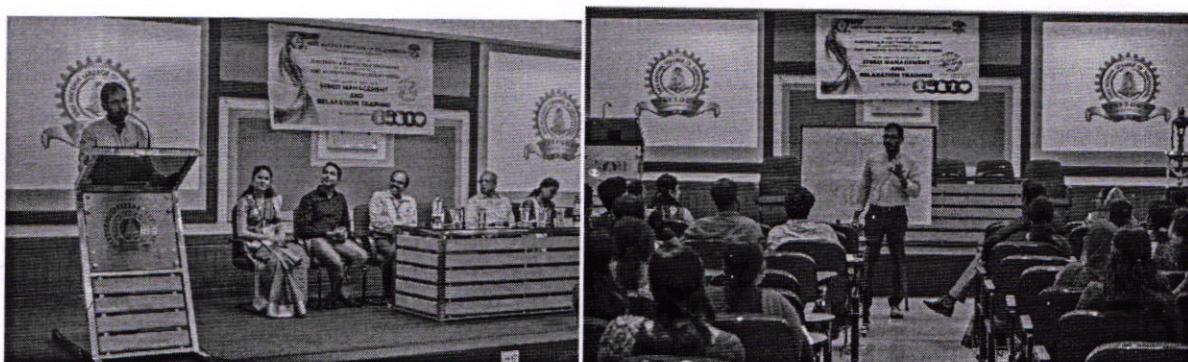
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## **9. A Talk talk on “Stress Management and Relaxation Training” under Post Graduation interdisciplinary Forum (PGIF)**

On 15<sup>th</sup> March 2017 M Tech students of Electrical and Electronics of Sree Buddha College of Engineering organized a talk on “Stress Management and Relaxation Training” under Post Graduation interdisciplinary Forum (PGIF). Dr. Jaico K Paulose was the speaker of the talk and he is a Consultant Psychiatrist from Believers Church Medical College, Thiruvalla.

The programme was organized at seminar hall, Central Library Block. The programme started by 9:30 am with a prayer song of PG students followed by the Welcome Address by HOD Dr. Mithun M. S of EEE department. He greeted and welcomed the guest to the college. Later on Principal Dr. S Suresh Babu addressed the dais by greeting the dignitaries on the dias, all the HOD's, staffs and students. He also shared his views on stress management and importance of organizing such talks. Then Guest of Honour Dr. Jaico K Paulose was felicitated by Treasurer, Sri K K Sivadasan. Later on Dr. Jaico K Paulose related the talk with various practical examples which made the talk more interesting and interactive. He talked about how to manage stress and different ways to overcome stress. The talk continued till 12 pm after that question answering session was conducted. Then programme coordinator Mr Nandan G followed by a student representative Ms. Anagha Basheer gave thanks to the guest of honour. By 12:30 pm the programme concluded.



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