### Extension Activity Report July 2015, of Dept. of ECE, SBCE, Pattoor

Department of Electronics and Communication Engineering, with the perspective of making students aware of their social responsibilities conducted an extension programme on 6<sup>th</sup> July 2015 in Govt. UPS Pandalam.

In order to create socially sensitive citizens, social commitment should be instilled in students. Therefore, the Dept. of ECE organizes extension activities with social relevance every academic year. The main objective of the department is to allow for the holistic development of students. Along with academic excellence, extension activities are conducted with the intention of ensuring that the students of the college as well as students in the community where the programme is conducted become socially responsible citizens.

Prior to conducting the programme awareness is raised by coordinators of extensionprogrammes in the department on the relevance of participation in social service activities among the students. The topic for awareness campaign is chosen from socially relevant areas. Since the **International Day against Drug Abuse and Illicit Trafficking** was observed on **June 26**th, a week before the extension programme, the department decided to conduct a campaign against drugs and smoking. Another factor that led to the selection of this topic was the report form state police department regarding the use of drugs among school students. Another problem faced by the children in society is atrocities against them. In many cases, the kids may get subjected to abuse due to their ignorance about abuse. So we decided to conduct awareness against child abuse. Based on the areas selected for the extension activity, the programme was titled "Teens and Drugs" and "Child Safety". The mission of the programme is to curb drug abuse among teenagers for a promising future generation and to prepare children to fight against any form of abuse against them.

The programme involved the active participation of PG and UG students ie, students of M.Tech Embedded Systems and B.Tech S5 students. They were accompanied by the HOD of ECE, Prof. AmbikaSekhar, Advisor of S5 students, Prof Aryalekshmi M and Dept. Extension Cell Coordinator, Prof. AthiraShaji.The following student volunteers were actively involved in the Extension activity conducted on July 2015 by the department:



The programme was carried out on 6th July 2015 in Govt. UPS Pandalam. The first session of the programme titled "Teens and Drugs" was an awareness class on smoking and use of drugs. The session described about the harmful effects of tobacco and other tobacco products, alcohol and drugs to the students and made them to pledge against the use of these materials. We also encouraged the students to report about the shops selling these products to their elders or to their parents. The session provided information to the students regarding the laws in India against the selling and consumption of such harmful products. They were informed about the NDPS Act which prohibits the use and selling of tobacco products, especially in vicinity of school campus.

The second session titled "Child Safety" targeted on providing awareness among students regarding various abuses like physical abuse, sexual abuse, emotional abuse and neglects that children face. The session gave tips to the students on what to do on such occasions, the law in India against child abuses and also asked them to note down the child helpline and women helpline telephone numbers 1098 and 1091 respectively.

Both the informative sections were conducted with the aid of **PowerPoint presentations**, **Video presentations and Poster and Placard presentation**. A **Quiz section** was introduced in between the awareness talks and gifts were handed out to students.

We encouraged the students to strongly say 'NO' to people persuading them to try tobacco and other narcotic products and to people trying to abuse them. The students were made aware of the need to talk openly about their problems to their parents and teachers. The kids were informed about the difference between good and bad touches and were asked to create a safe circle comprising of members to whom they can convey their problems openly.

At the end of the awareness campaign, a **social survey** was carried out among the students of Govt. UPS Pandalam. A questionnaire was distributed among the students to carry out the survey. The aim of the survey was to identify the influence of drugs and smoking, the influence of advertisements in promoting the use of psychotropic substances, the presence of shops selling tobacco products near their school and to understand their level of interaction with their parents. The survey was carried out among 62 students ageing from 9 to 13. 22 students agreed in the social survey that there are shops that sell tobacco products near their school. A follow-up action is planned in the nearby area of the school after the analysis of survey.

A feedback was also taken from the students and the teachers who attended the programme. Everyone who attended the sessions found it to be useful and informative. Thestudents were able todevelop a good rapport with the school kids and neighborhood community.





















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### "MY LIFE IS MY MESSAGE"

### **GANDHI JAYANTHY CELEBRATION**

Date of activity	02-10-2016
Type of activity	Campus activity
Venue	College campus

"We have to handover the earth, the air, the land and the water to the children at least as it was handed over to us", keeping this beautiful quote of Gandhi in the mind ,we, the NSS unit of Sree Buddha College of Engineering, Pattoor, celebrated the occasion of the birth of our father of nation. Programme officer Mr. Amjith T R and volunteers made a tribute to Gandhi by floral offering. Campus cleaning activities and curing of organic farming were conducted after that.





Cleaning activity and curing of NSS



### SuchitwaKeralam Quiz 2016" College level Prelims - Jan 14, 2016

College level prelims of the "SuchitwaKeralam Quiz 2016" were conducted by Department of Civil Engineering on Jan 14, 2016. This competition was conducted to spread the messages of "Suchitwa" among the students and to short list the participants for the state level quiz competition organized by Suchitwa Mission (Govt. of Kerala).



### "PUNARJANI" at Govt. Hospital, Mavelikkara



Punarjani is a Govt. of Kerala funded project designed by National Service Scheme, Technical Cell, Kerala under DTE. Punarjani project *aims* at improving the basic infrastructure of Government hospitals in the States.

NSS unit of Sree Buddha College of Engineering got selected for the project. 87 NSS volunteers attended the Punarjani camp under the guidance of camp director Mr. Amjith T R and program officer Mr. Vishnu V S from 24 to 30 December 2016.

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ALAPPUZHA DISH

### Social Service at Konni Elephant Cage

On 13, 14 January 2016, Students from SBCEW went to Konni Elephant Cage as part of social service along with two faculty

members. The Konni Elephant Cage is under the Kerala Forest Department and was established in the year 1942. The students were divided into two groups and cleaned the park, garden, Elephant Shelter and the surroundings of the Range Officer Quarters.





### Social Service at Govt. HSS, Kadammanitta

On 18-21 January 2016, Students from SBCEW went to Govt. HSS, Kadammanitta along with two faculty members. The students were divided into three groups. One group conducted an awareness class to the Plus Two students about 'The Merits and Demerits of Social Media' and there after conducted a quiz competition and distributed prizes to the winners. The second group cleaned and organized the Library and Zoology lab. The third group cleaned the garden and the school compound.



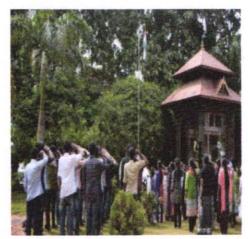


### INDEPENDENCE DAY CELEBRATION

Date of activity	15-08-2016
Type of activity	Campus activity
Venue	College campus

The NSS unit of Sree Buddha College of Engineering, Pattoor observed Independence Day in order to honor power of our independence. The celebration was initiated with flag hosting by Dr. E.K. Bhass, HOD Civil Engg. And he delivered the day message. A cleaning activity was done inside the campus by the volunteers which marked the end of the program.





Flag Hoisting by Dr. E K Bhass, HOD, Civil Engineering



Programme officer Mr. Amjith TR addresses volunteers



## "SEVENTY YEARS OF FREEDOM" (INDEPENDENCE DAY CELEBRATION)

Date of activity	15-08-2017
Type of activity	Campus activity
Venue	College campus

NSS units of Sree Buddha College of Engineering, Pattoor celebrated 71st Independence Day with zeal and spirit befitting the occasion. The celebration was initiated with flag hosting by Prof. Ritzy, Associate Programme Officer of NSS Unit at 8.15 am and as a salute to the nation, the National Anthem was recited by the NSS volunteers. Prof. Amjith T R, Programme Officer addressed the volunteers. NSS Volunteers engaged in campus cleaning works after assembly.



Flag Hoisting

**Campus Cleaning** 



### **ORPHANAGE VISIT**

Date of activity	18-10-2017
Type of activity	Community activity
Venue	SabariBalasramam, Aaranmula

NSS volunteers of Sree Buddha College of Engineering Pattoor visited SabariBalasramam, Aaranmula as a part of their social activities. The volunteers spent valuable time with the inmates of SabariBalasramam, The day marked with the excellent cultural talents exhibition of children. Volunteers gifted books and sweets to the kids.







### **CLEANING OF PADANILAM MARKET**

Date of activity	15-10-2017
Type of activity	Community activity
Venue	Padanilam Junction (NooranadGramaPanchayath)

NSS units of Sree Buddha College of Engineering Pattoor organisedSwachBharath activity in the adopted villages. NSS volunteers cleaned the dirty premises of Padanilam Market in NooranadGramaPanchayath. The programme was inaugurated by Sri. P Ashokan Nair, president, GramaPanchayath.







## MY LIFE IS MY MESSAGE" (GANDHI JAYATHI CELEBRATION 2017)

Date of activity	02-10-2017
Type of activity	Community activity
Venue	Govt. Homoeo Hospital (Adopted village)

NSS units of Sree Buddha College of Engineering Pattoor celebrated Gandhi Jayanthi through a community service at native Village which is NooranadGramaPanchayath. NSS Volunteers under the guidance of Mr. Amjith T R, NSS Programme officer cleaned the premises of Nooranad Govt. Homoeopathy Dispensary. Sri. P Ashokan Nair, President of NooranadGramaPanchayath inaugurated the activity.



Inauguration of Gandhi Jayanthi Celebration by

Sri. P Ashokan Nair, President, Nooranad Grama Panchayath



Govt. Homoeo Hospital Nooranad premises Cleaning



### FREE FOOD DISTRIBUTION ON HARTHAL DAY

Date of activity	16-10-2017
Type of activity	Community activity
Venue	District Hospital, Mavelikkara

NSS volunteers of Sree Buddha College of Engineering Pattoor distributed free food on Harthal day considering the necessity for food. The programme was fully arranged by the volunteers. Volunteers prepared lunch for the patients in District Hospital Mavelikkara by themselves in the hospital premises and distributed lunch. The programme was appreciated by many people.









Volunteers preparing and distributing lunch



### DATA ENTRY WORK OF FLOOD AFFECTED HOUSES

The NSS volunteers of Sree Buddha College of Engineering has done Data entry work of flood affected houses of Neelamperoor panchayath at Mavelikara Block panchayath. We entered around 6500 houses to the google sheet provided by Somaraj, Assistant Executive Engineer, LSGD Division, Mavelikara

Date	28-08-2018 to 06-09-2018
Venue& Activity	Mavelikara Block Panchayath, Community
Lead by	Anoop Kumar A, Anusha Krishnan Nair (Volunteer Secretary)
No. Of volunteers participated	13
Out come	Entered around 6500 houses to the google sheet





### FLOOD RELIEF ACTIVITY

The NSS volunteers of Sree Buddha College of Engineering has collected diiferent usefull things such as Foods, Clothes, Medicines, Drinking Water, Snackes, Blanckets, Candiles, Napkins etc from different students, neighbours, college staff and we distributed it to the flood affected area.

Date	16-08-18
Venue& Activity	Pathanamthitta, Community
Lead by	Anoop Kumar A, Amal Mohan (Volunteer Secretary)
No. Of volunteers participated	27
Out come	<ul> <li>Distributed Foods, Clothes, Medicines, Drinking Water, Snackes, Blanckets, Candiles, Napkins etc</li> </ul>

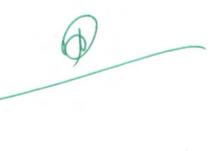






## Materials Collected by Volunteers





# "LOVE SAFETY; MARRY RULES; DIVORCE SPEED" (ROAD SAFETY AWARENESS)

Date of activity	06-01-2018
Type of activity	Community activity
Venue	Adopted village

NSS volunteers of Sree Buddha College of Engineering Pattoor conducted an awareness programme on road safety in adopted village. Volunteers prepared slogans and name boards. They gave awareness to the public standing on the sides of roads. The work attained wide notice among the community.









Road safety awareness by NSS Volunteers



### **REPUBLIC DAY CELEBRATION 2018**

Date of activity	26-01-2018
Type of activity	Campus activity
Venue	College campus

NSS unit of Sree Buddha College of Engineering Pattoor observed republic day of our nation in the campus. Programme officer Mr. Amjith T R hoisted flag in the morning and gave day message.



Flag hoisting by Programme officer Mr. Amjith T R



Programme officer delivers republic day message



### 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 September18, 2018. The Institution of Engineers (India) students Chapter of Department of Biotechnologyand Biochemical Engineering, Sree Buddha College of Engineering and The Institution OfEngineers (India) Kollam Local Centre jointly organized a one day Seminar on the topic "KeralaFlood 2018&amp; Flood Management in Kuttanad Region" as part of the celebration.. The invited speaker for the day was Dr. Gopakumar R, Professor, Department of CivilEngineering, Sree Buddha College of Engineering Pattoor. The lecture wasfollowed by ideathon contest for the students on the theme "Kayakalpa- An ode to mothernation".





# REPORT ON PRABODHANA'S WATER MANAGEMENT PROGRAMME,18<sup>TH</sup> <u>SEPTEMBER 2018</u>

A successful water management program starts with a comprehensive strategic plan. The process for developing a strategic plan is generally the same for an individual facility or an agency. The plan provides information about current water uses and charts a course for water efficiency improvements, conservation activities, and water-reduction goals.

Sree Buddha College of Engineering, under 'Prabodhana'- Enlightment through Science, in association with Kerala State Council for Science Technology and Environment (KSCSTE) conducted Water Management Program on 18<sup>th</sup>September 2018 at Seminar hall, CS Block, SBCE. The event included technical seminar on 'Necessity of Water Purification and its Controlled Usage' and Demonstration of Water Quality Analysis in Environmental Engineering Lab. The seminar was provided by Mr. Ajay Kumar, Engineer, Kerala Water Authority, Pandalam. The activity was organized for about 200 students from Sree Buddha Central School.

Dr. GouriAntherjenam, HoD, Civil Engineering welcomed the gathering. She also mentioned on the demanding need of water management programs to meet the after effect of devastating flood in kerala.

Dr. S. Suresh Babu, Principal presided the function and delivered presidential address. The chief guest Shri.Er. Ajaykumar from Kerala Water Authority, Pandalam inaugurated the function and delivered inaugural address.

Following the inaugural address, he delivered Technical talk on 'Necessity of Water Purification and its Controlled Usage'. The session was informative and interactive. He formulated a one hour talk on the duties and responsibilities of Kerala Water Authority and the various water treatment processes done to the collected raw water before it is rendered to the publicuse.

After the session student participants visited the environmental lab of college. MsJency James, Assistant Professor Dept. of Civil Engineering and MrShibinPanikar Assistant Professor Dept. of Civil Engineering explained different experiments to check and observe the various levels of contamination inwater.



Sri.K.K.Sivadasan, Treasurer, Sree Buddha Educational Society, delivered Felicitation address. Prof. AthiraShaji, Assistant professor, Dept. of Electronics and Communication Engineering delivered vote of thanks. School participants and faculty from Sree Buddha Central School, Pattoor had given their valuable feedback and utilized the platform effectively.



## **PICTURES**



(The organizers of the event with the chief guest, Er.Ajayakumar, KWA.)





(Talk by Er.Ajayakumar on Necessity of Water Purification and its Controlled Usage.)



(Prof. Jency James explaining the procedure for identification of levels of contamination in water.



(Felicitation address by Sri.K.K.Sivadasan, Treasurer, Sree Buddha Educational Society.)



(Participants)



### REPORT ON PRAUKTI

### NATIONAL SCIENCE DAY CELEBRATION-2017'

Sponsored by Kerala State Council for Science, Technology and Environment &

Supported by Department of science and Technology (Govt. of India)

The Department of Mechanical Engineering organized "PRAYUKTI" in connection with the National Science Day celebration sponsored by Kerala State Council for Science, Technology and Environment and supported by Department of science and Technology (Govt. of India) on February 28, 2017based on the focal theme "Science & Technology for specially abled persons". PRAYUKTI was inaugurated by Dr.Samuel N. Mathew, Executive director, National Institute for Speech & Hearing, Tvm. The Presidential address was delivered by Sri. K.K. Sivadasan, Treasurer, Sree Buddha Educational Society, Kollam followed by felicitation by Dr. S Suresh Babu, Principal, Sree Buddha College of Engineering, Pattoor and by Mr. Praveen Parameswar, CEO Thoughts Academy, Tvm, The event was well attended by 220 students and their accompanying teachers from nearby schools.



Dr. Samuel N Mathew, Exe. Director NISH inaugurating "PRAYUKTI"





Dr. Samuel N Mathew delivering the inaugural address

Dr. Samuel N Mathew during his inaugural address laid emphasis on the challenges faced by specially abled and about the attitudinal change that has to be made by the society towards them and explained if determination and enthusiasm is strong then nothing can stop us from achieving success in life, not even physical disabilities while referring the specially abled scientist like Prof. Stephen Hawking. He recommended the students to remain curious and become good observers of daily natural and scientific phenomenon.



Felicitation by Dr S. Suresh Babu, Principal SBCE

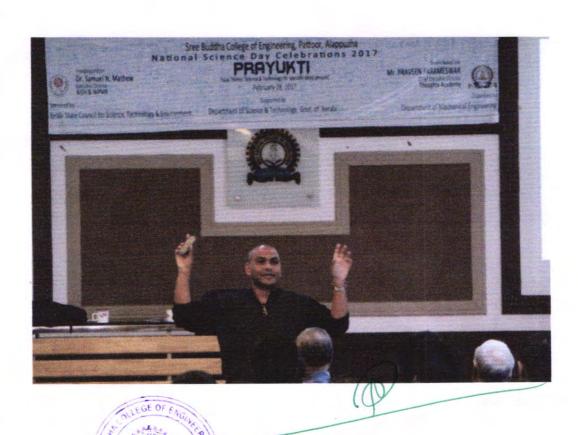


### Session 1

Followed by the inaugural session a video presentation was done by the students of SBCE. The presentation was a journey through the life eminent personalities having disabilities and their achievements. Prof. Stephen Hawkings, Oscar pistorius, SudhaChandran, Arunimasinha were few of them.

#### Session 2

This session was handled by Mr. Praveen Parameswar, (CEO Thoughts Academy,Tvm).He started with an interactive session with the school students. He explained how the present day technology can enhance the life of special abled persons through inventions quoting few examples. The session mainly dealt with the various 'Myths' inprevaling amongyouths which on eliminating can reach them to greater heights.



### Theme based talk by Mr. Praveen Parameswar.



Theme based talk by Mr. Praveen Parameswar.

### Session 3

The second sessionled by Mr. Praveen Parameswar focused on the UVCA world. He explained how a creative thinking and observation can lead to win a scientific outlook. He expressed his views on how one should never fear to follow his dreams and never stop questioning.







Living in UVCA world - talk by Mr. Prayeen Parameswar.



### Session 4

Selected students from Mechanical Engineering association along with the volunteersNSS unit of SBCE visited Mar Thoma Center for Mar Thoma Center for Rehabilitation and Development, Chengannoor, a school for specially abled as part of the programme.





Prof. Thomas Mathew addressing/MCRD audience

Proceedings of the second seco

The purpose of the visit was to know their environment in a better way by reaching out to them at their school premises and to encourage them through creative activities. Prof. Thomas Mathew, HOD, Dept. of Human Resource and management, SBCE addressed the audience followed by various cultural activities of MCRD students.



Song by students of MCRD

### Session 5

The last session of PRAYUKTI was a visit to all the laboratories in the college accompanied by the Faculty of the college. The students divided into different batches were directed to different labs of the college.



Lab Instructors explaining about the different equipments



The student projects focusing on the theme were explained to them by the faculties. The lab instructors and technicians explained about the various instruments and apparatus kept in the labs. Students also clarified their doubts and the feedback given by the students suggest that this was one of the greatest learning experiences they had yet.



### INDEPENDENCE DAY CELEBRATION

NSS unit 217 and 627 of Sree Buddha College of Engineering has celebrated the Independance Day on 15<sup>th</sup> August 2018.At 7:30 am the assembly was conducted with the following programmes like Welcome speech, readings from the various religious views follwed by the light music and the thought of the day.After that the flag hosting ceremony was done by the Dr Sentil Saravanan, Professor Mechanical Department of SBCE NSS unit.

Date	15-08-2018
Venue& Activity	Sree Buddha College of Engineering, Campus
Inauguration	Dr. SentilSaravanan, Professor Mechanical Department
Lead by	Anoop Kumar A, Anusha Krishnan( VS of 627) Amal Mohan, Mrudhula S Unnithan (VS of 217)
No. of volunteers participated	31
Outcome	<ul> <li>Celebrated Independence Day.</li> <li>Morning message was given to the volunteers</li> </ul>





# Programme officer Mr. Amjith T R addresses volunteers (FREE EYE TESTING CAMP)

Date of activity	26-01-2018
Type of activity	Community activity
Venue	Govt. L P School, Kuthirakettumthadam, Pattoor

NSS unit of Sree Buddha College of Engineering Pattoor organised a free eye testing camp in the adopted village at Govt. U P School, Edakkunnam in association with Amaravathi Eye care hospital, Mavelikkara. The camp was inaugurated by Sri. P Ashokan Nair, President, NooranadGramaPanchayath. Dr. Shankar led the camp. More than 100 people came for eye testing and treatment.







Eye testing and Treatment



# REPORT ON PRABODHANA'S CANCER AWARENESS PROGRAMME, 30<sup>TH</sup> OCTOBER 2018

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, NooranadGramaPanchayath. Prof. AthiraShaji welcomed the gathering and Smt. V. P. Madhukumari, Vice President, NooranadGramaPanchayath 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 NooranadGramaPanchayath. The activity was organized for about 100 women of NooranadPanchayath.



## **PICTURES**



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



### REPUBLIC DAY OBSERVATION

The NSS unit of Sree Buddha College of Engineering, Pattoor observed the 70<sup>th</sup> Republic day in the campus. The flag hoisting ceremony was conducted by our programme officer Mr. Vishnu V S followed by the day message by him.

Date	26-01-2019
Venue& Activity	Sree Buddha College of Engg., Campus Activity
Flag Hoisting	Mr. Vishnu V S (Programme Officer)
Lead by	Anoop Kumar A, Amal Mohan, Athira A
No. of volunteers participated	73
Outcome	Cherished the history of our nation



Flag hoisting and day message by Programme officer Mr. Vishnu V S



### NEWS PAPER CLIPPINGS

മാത്രൂമി 2018 നവംബർ 05. തിങ്കളാഴച

# കാൻസർ ബോധവത്കരണ സെമിനാർ നടത്തി



 കാൻസർ ബോധവത്കരണ സെമിനാർ നുറനാട് ഗ്രാമപ്പഞ്ചായത്ത് പ്രസിഡൻറ് പി.അശോകൻ നായർ ഉദ്ഘാടനം ചെയ്യുന്നു

ചാരുംമൂട് ► പാറ്റൂർ ശ്രീബുദ്ധ കോളേജ് ഓഫ് എൻജിനീയറി ങ്ങിലെ പ്രബോധന പരിപാടിയു ടെ ഭാഗമായി കാൻസർ ബോധ വത്കരണ സെമിനാർ നടത്തി. നൂറനാട് ഗ്രാമപ്പഞ്ചായത്ത് പ്ര സിഡൻറ് പി.അശോകൻ നായർ ഉദ്ഘാടനം ചെയ്തു. മാവേലിക്കര ജില്ലാ ആശുപത്രിയിലെ കാൻ സർ കെയർ യൂണിറ്റ് മേധാവി ഡോ. എസ്.സുരേഷ്കുമാർ ക്ലാ നൂറനാട് പഞ്ചായത്തിലെ നൂറോളം വനിതക്ക പങ്കെടു ത്തു. വിവിധതരം കാൻസർ രോ ഗങ്ങര തുടക്കത്തിലേ സ്വയം തി രിച്ചറിയാനുള്ള മാർഗങ്ങരം, സ്വീ കരിക്കേണ്ട മുൻകരുതലുകരം, ലഭ്യമായ ചികിത്സാ രീതികരം എന്നിവയെപ്പറ്റി സെമിനാറിൽ വി ശദീകരിച്ചു.അന്താരാഷ്ട്ര സ്കനാർ ബുദ ബോധവത്കരണ മാസാച രണത്തിൻെറ ഭാഗമായാണ് സെ



