



ST. XAVIER'S COLLEGE FOR WOMEN, ALUVA
REACCREDITED BY NAAC WITH A GRADE (CGPA 3.33)

**ENERGY & ENVIRONMENT
CONSERVATION CLUB
ANNUAL REPORT
2019-2020**

Energy and Environment Conservation Club (EECC)

Name of coordinators : Dr. Vimala George & Ms. Poornima B. Shenoy

List of activities organized : (i) Awareness Programme
(ii) Expert talk on Sustainable Development
(iii) Hands-on training for assembling solar study lamps

Objectives : (i) Create awareness and equip them for efficient management of all forms of energy
(ii) Promote the use of non-conventional energy sources
(iii) Develop new sources of energy as well as novel energy technologies with a view to use the energy on a sustainable basis.
(iv) Conducting Awareness programme to public.

List of members:

List of Member in 2019-20

Sl. No:	Name of Student	Class
1	ABHIRAMI P S	II BSc Physics
2	AJA K RAJ	II BSc Physics
3	AKSHAYA ANTONY	II BSc Physics
4	ANGEL MARYA FRANCIS	II BSc Physics
5	ANJALI M NAIR	II BSc Physics
6	ANUPAMA N KUMAR	II BSc Physics
7	APARNA P S	II BSc Physics
8	ARDRA T S	II BSc Physics
9	BIYANSHY XAVIER	II BSc Physics
10	CATHERINE ROY	II BSc Physics
11	DINIYA SHAJU	II BSc Physics
12	FARSANA NAZAR	II BSc Physics
13	FATHIMA BAIJU	II BSc Physics
14	FATHIMMA RAFAEEK	II BSc Physics
15	GOPIKA P KISHORE	II BSc Physics
16	JISINI T S	II BSc Physics

17	LAKSHMI K B	II BSc Physics
18	MARY MERIN M J	II BSc Physics
19	MARY SANDHRA	II BSc Physics
20	MEGHA UNNIKRISHNAN	II BSc Physics
21	RISWANA ABU S M	II BSc Physics
22	SHAHANA O A	II BSc Physics
23	SILPA JOY	II BSc Physics
24	SWETHA SEBI	II BSc Physics
25	SWETHA T SANKAR	II BSc Physics
26	TWINKLE SAJI	II BSc Physics
27	VENY KUNJUMON	II BSc Physics
28	FATHIMA NUFZIN	I BSc Physics
29	CISILY ANEETA	I BSc Physics
30	MEENAKSHY MANOJ	I BSc Physics
31	MARIA DONA	I BSc Physics
32	CATHERINE FLORANE	I BSc Physics
33	AMRUTHA P S	I BSc Physics
34	AALIYA FATHIMA SIRAJ	I BSc Physics
35	RINNU VARGHESE	I BSc Physics
36	SALMA A A	I BSc Physics
37	NAFEESA FATHIM P A	I BSc Physics
38	AGNUS MARIA JOSEPH	I BSc Physics
39	CHRISTY VARGHESE	I BSc Physics
40	ANN MARIYA PETER	I BSc Physics
41	IRIN SHAJU	I BSc Physics
42	ELAS RANSAM BERBY	I BSc Physics
43	ROSE MARIYA SEBI	I BSc Physics
44	SANDRA MS	I BSc Physics
45	ANUPAMA K M	I BSc Physics
46	SONU JOSH Y	I BSc Physics
47	ANAGHA P S	I BSc Physics
48	JISSIA JOSE	I BSc Physics
49	ARCHANA V S	I BSc Physics
50	RESHMA V S	I BSc Physics
51	HARITHA	I BSc Physics
52	PRAJITHA	I BSc Physics
53	KAVYA UNNIKRISHANA	I BSc Physics
54	MARY ANUSHA	I BSc Physics
55	ALJA JOJI	I BSc Physics

56	SAHITHA BEEGUM A M	I BSc Physics
57	DERITTA	I BSc Physics
58	ALFIYA ALIYAR	II BSc Chemistry
59	SANEENA NOURIN K N	II BSc Chemistry

Competitions organized : Energy Quiz

Competitions won by the members and copies of the certificates:

1. Megha K A, I DC Chemistry
2. Aparna Vijayan, BA Economics

Programme analysis (quality and quantity) : Awareness class is given for the members while the expert talk is benefitted for about 120 students. Hands-on training for solar study lamp assembling is done on two days and 113 students were trained. Later these students assembled lamps for distribution.

Student analysis (before and after)- about the students : The students were made aware about the various energy sources, the shortage of conventional sources, the methods for conserving energy, the environmental issues produced by the fossil fuels, the possibility of using non-conventional energy sources etc. Also the members were now capable of assembling solar study lamps.

Student satisfaction survey: Attached samples of survey forms

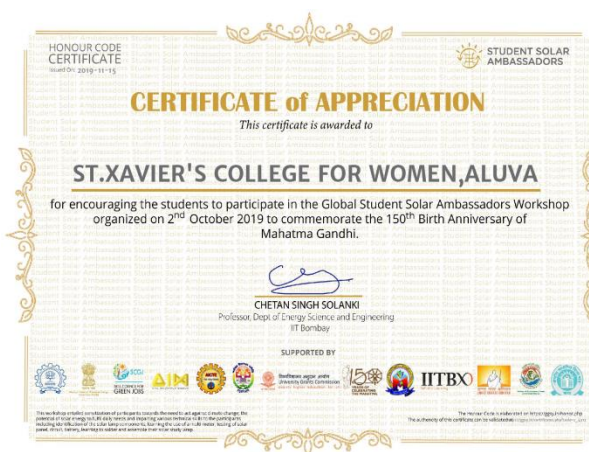
Achievements of students (list) & certificates copy: 100 students were trained for assembling the solar study lamps under the **Solar Ambassador Programme** organized by IIT, Mumbai. IIT Mumbai distributed certificates for them.

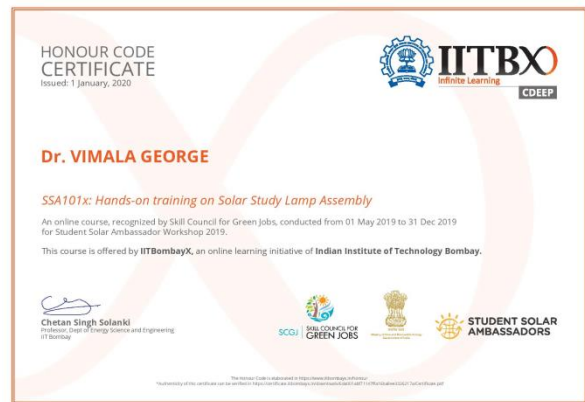
	Name of the Students	AGE	GENDER
1	ABHIRAMI P S	18	Female
2	AISWARYA SAMBATH	18	Female
3	AJA K RAJ	18	Female
4	ANAGHA SATHISH	18	Female
5	ANGEL MARYA FRANCIS	18	Female

6	ANJALI M NAIR	18	Female
7	ANJANA AJITH P	18	Female
8	APARNA P S	18	Female
9	ARDRA SURESH	18	Female
10	ASWATHY. K.R	18	Female
11	BIYANSHY XAVIER	18	Female
12	CATHERINE ROY	18	Female
13	DINIYA SHAJU	18	Female
14	EDVINA JOBY	18	Female
15	FARSANA NAZAR	18	Female
16	FATHIMA BAIJU	18	Female
17	FATHIMMA RAFAEEK	18	Female
18	GOPIKA P KISHORE	18	Female
19	JISINI T S	18	Female
20	LAKSHMI K.B.	18	Female
21	MARIA ROSE	18	Female
22	MEGHA UNNIKRISHNAN	18	Female
23	RISWANA ABU S M	18	Female
24	SANDRA LISTON	18	Female
25	SHAHANA. O.A	18	Female
26	SWETHA SEBI	18	Female
27	SWETHA T SANKAR	18	Female
28	TWINKLE SAJI	18	Female
29	VARSHA E S	18	Female
30	AALIYA FATHIMA SIRAJ	17	Female
31	AMRUTHA P S	17	Female
32	ANAGHA P S	17	Female
33	ANN MARIYA PETER	17	Female
34	ANUPAMA K M	17	Female
35	ARCHANA V S	17	Female
36	ASNA FATHIMA V A	17	Female
37	ASWANI T	17	Female
38	CATHERINE FLORANCE FRANCIS	17	Female
39	CHRISTY VARGHESE	17	Female
40	DERITTA MARY MENDEZ	17	Female
41	DIYA K D	17	Female
42	ELSA RANSOM BERTY	17	Female
43	HAJARA MARIYAM	17	Female
44	HARITHA P H	17	Female

45	JISIA JOSE	17	Female
46	KAVYA UNNIKRISHNAN	17	Female
47	MARY ANUSHA	17	Female
48	NAFEESA FATHIM P A	17	Female
49	PRAGITHA PRADEEP	17	Female
50	RINNU VARGHESE	17	Female
51	ROSE MARIYA SEBI	17	Female
52	SAHITHA BEEGUM A M	17	Female
53	SALMA A A	17	Female
54	SANDRA M S	17	Female
55	SANDRA T C	17	Female
56	SEETHALAKSHMI J	17	Female
57	SHILPA CLEETUS	17	Female
58	SONU JOSH Y	17	Female
59	LIYA JACOB	19	Female
60	HINA THOMAS	19	Female
61	NEETHIL MOULTIN	19	Female
62	ASEENA	19	Female
63	SNEHA THERES	19	Female
64	SHILPA BRIDGET	19	Female
65	AI SWARYA ROSE AUGUSTINE	21	Female
66	AMINA P YOUSAF	21	Female
67	ANJITHA P V	21	Female
68	ANU K J	21	Female
69	ASWATHY M U	21	Female
70	BLESSY GEORGE	21	Female
71	GLITTY THOMAS P	21	Female
72	JINI JOSE	21	Female
73	KARTHIKA MOHAN	21	Female
74	LAKSHMI RADHAKRISHNAN	21	Female
75	MARY LENA P M	21	Female
76	NIKITHA UNNI	21	Female
77	ROSHNI NAIR	21	Female
78	SAGRA SAJU	21	Female
79	VINEETHA E P	21	Female
80	SREELAKSHMI P V	20	Female
81	SRUTHI MILDRED	20	Female
82	ANEESHA JOSEMON	20	Female
83	ATHIRA SURESH	20	Female

84	E. SREELAKSHMI	20	Female
85	NISHA MARY JOSEPH	20	Female
86	ATHULYA P K	20	Female
87	KAVYA E M	20	Female
88	MEGHA N S	20	Female
89	MINU P SEBASTIAN	20	Female
90	SREELAKSHMI BABU P	18	Female
91	ADIYA ASHRAF	17	Female
92	AMEENA HAMEED	17	Female
93	MERINA D'SOOSA	17	Female
94	ALEENA T WILSON	17	Female
95	SHIMA MATHEW	21	Female
96	STEPHANIA MENDEZ	20	Female
97	ADITHYA RATHEESH	19	Female
98	AJMALA THASNEEM K C	19	Female
99	MINAKSHI	19	Female
100	GANGA A S	19	Female





Records (attendance)

Name of the member	Gender	Class	FN	an
NAFEESA FATHIM P A	17 Female	I DC PHYSICS	NAFEESA	NAFEESA
PRAGITHA PRADHEEP	17 Female	I DC PHYSICS	PRAGITHA	PRAGITHA
KINNU VARDHESE	17 Female	I DC PHYSICS	KINNU	KINNU
ROSE MARYA SEBI	17 Female	I DC PHYSICS	ROSE	ROSE
SARITHA BEGGUM A M	17 Female	I DC PHYSICS	SARITHA	SARITHA
SALMA A A	17 Female	I DC PHYSICS	SALMA	SALMA
SANDRA M S	17 Female	I DC PHYSICS	SANDRA	SANDRA
SANDRA T C	17 Female	I DC PHYSICS	SANDRA	SANDRA
SEETHALAKSHMI J	17 Female	I DC PHYSICS	SEETHA	SEETHA
SHILPA CLEETUS	17 Female	I DC PHYSICS	SHILPA	SHILPA
SCINU JOSEPH	17 Female	I DC PHYSICS	SCINU	SCINU
LITA JACOB	19 Female	II DC PHYSICS	LITA	LITA
HINA THOMAS	19 Female	II DC PHYSICS	HINA	HINA
NIETHIL MOULTIN	19 Female	II DC PHYSICS	NIETHIL	NIETHIL
ASEENA	19 Female	II DC PHYSICS	ASEENA	ASEENA
SNEHA THERES	19 Female	II DC PHYSICS	SNEHA	SNEHA
SHILPA BRIDGET	19 Female	II DC PHYSICS	SHILPA	SHILPA
ANUSUYA ROSE AUGUSTINE	21 Female	III DC PHYSICS	ANUSUYA	ANUSUYA
AMINA P YOUSUF	21 Female	III DC PHYSICS	AMINA	AMINA
ANITHA P V	21 Female	III DC PHYSICS	ANITHA	ANITHA
ANU K J	21 Female	III DC PHYSICS	ANU	ANU
ADWATHY M U	21 Female	III DC PHYSICS	ADWATHY	ADWATHY
BLESSE GEORGE	21 Female	III DC PHYSICS	BLESSE	BLESSE
GUTTY THOMAS P	21 Female	III DC PHYSICS	GUTTY	GUTTY
JINI JOSE	21 Female	III DC PHYSICS	JINI	JINI
KARTHIKA NIDHAN	21 Female	III DC PHYSICS	KARTHIKA	KARTHIKA
LAKSHMI RADHAKRISHNAN	21 Female	III DC PHYSICS	LAKSHMI	LAKSHMI
MARY LENA P M	21 Female	III DC PHYSICS	MARY	MARY
NIKITHA UNNI	21 Female	III DC PHYSICS	NIKITHA	NIKITHA
ROSHNI NAIR	21 Female	III DC PHYSICS	ROSHNI	ROSHNI
SAGRA SAILU	21 Female	III DC PHYSICS	SAGRA	SAGRA
VINEETHA E P	21 Female	III DC PHYSICS	VINEETHA	VINEETHA
SREELAKSHMI P V	20 Female	III DC PHYSICS	SREELAKSHMI	SREELAKSHMI
SRUTHI MILDRED	20 Female	III DC PHYSICS	SRUTHI	SRUTHI
ANETHA JOSEPH	20 Female	III DC PHYSICS	ANETHA	ANETHA
ATHIRA SURESH	20 Female	III DC PHYSICS	ATHIRA	ATHIRA
E. SREELAKSHMI	20 Female	III DC PHYSICS	E. SREELAKSHMI	E. SREELAKSHMI
NIKITA MARY JOSEPH	20 Female	III DC PHYSICS	NIKITA	NIKITA
ATHALYA P A	20 Female	III DC PHYSICS	ATHALYA	ATHALYA
KAVYA E M	20 Female	III DC PHYSICS	KAVYA	KAVYA
MEGHANA S	20 Female	III DC PHYSICS	MEGHANA	MEGHANA
MINU P SEBASTIAN	20 Female	III DC PHYSICS	MINU	MINU
SREELAKSHMI SABU P	18 Female	I DC Maths	SREELAKSHMI	SREELAKSHMI
ADITHYAN ASHRAF	17 Female	I DC Maths	ADITHYAN	ADITHYAN
AMEENA HAMEED	17 Female	I DC Maths	AMEENA	AMEENA
MERINA D'SOUSA	17 Female	I DC Mathematics	MERINA	MERINA
ALEENA T WILSON	17 Female	I DC Maths	ALEENA	ALEENA
SHRIMA MATHEW	21 Female	II DC CHEMISTRY	SHRIMA	SHRIMA
STEPHANIA MENDEZ	20 Female	II DC CHEMISTRY	STEPHANIA	STEPHANIA
ADITHYA RATHEESH	19 Female	II DC CHEMISTRY	ADITHYA	ADITHYA

Accounts audited (by Principal)

Statement of Income and Expenditure for EECC			
EXPENDITURE		INCOME	
Item	Amount(Rs)	Item	Amount(Rs)
Lamp Kit (50Nos.)	25,500	Lamp Purchase by staff	25,750
For Certificate	1,000	Lamp Purchase by students	5,100
EECC Membership fees	600	Certificate	1,000
Lamp Kit with mobile charger(25Nos.)	17,500		
Total Expense	44,600		
Amount to be carried down	-12,750		
Total	31,850		31,850

Audited by Principal

Verthali

Seal & Signature

Dr. Geegee Joanamma Xavier
Principal-in-charge
St. Xavier's College for women
Aluva - 683101

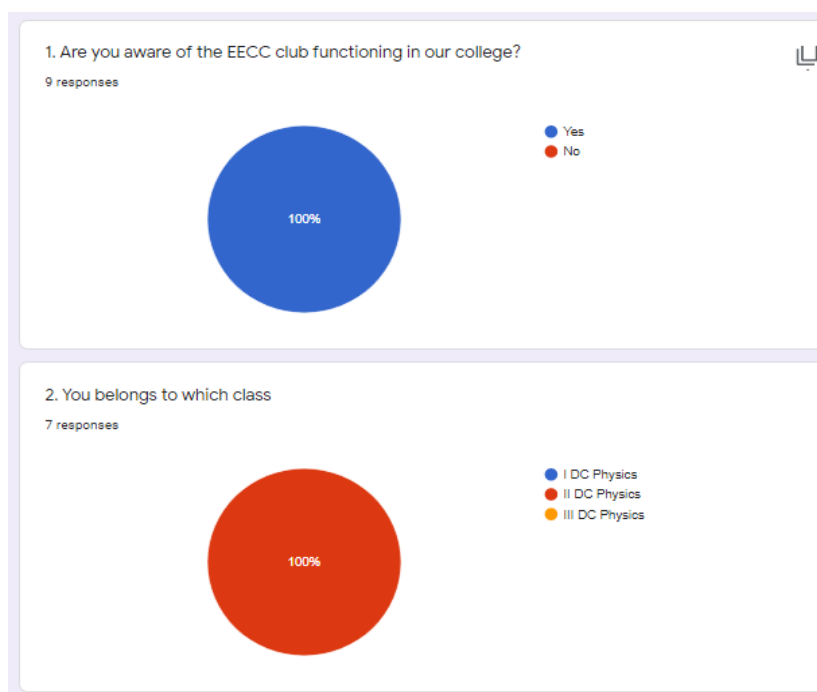


Evaluation (by in charge): The members were given awareness classes on conservation of energy. In collaboration with IIT, Mumbai, the EECC club jointly with IQAC of our college, organized the STUDENT SOLAR AMBASSADORS (SSA 2019) programme on 2nd October 2020. This workshop was inaugurated by Sri. RUSSEL T, Assistant Engineer, KSEB Aluva and 100 members were trained for assembling solar study lamps. Another set of 50 lamps - with & without mobile charger facility were assembled in the month of January, 2020 as part of National Energy Conservation Day Celebrations for the purpose of distributing the lamps in communities. An Open Quiz Contest was conducted for degree students during 11-14 February, 2020 and prizes distributed for the winners.

Comments from faculties: Improve the societal awareness on conserving energy and the use of non-conventional energy sources.

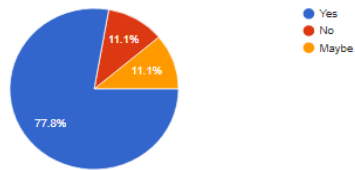
Consultancy data (such as funding): No income is generate through consultancy.

Feedback from stake holders : Attached Responses.



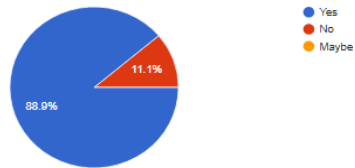
3. Did you attend the energy conservation awareness and sustainable class conducted by the club?

9 responses



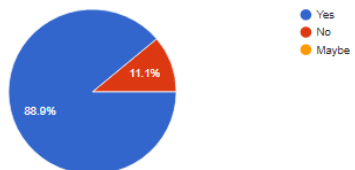
4. Did you participate in the hands on training session for solar study lamps?

9 responses



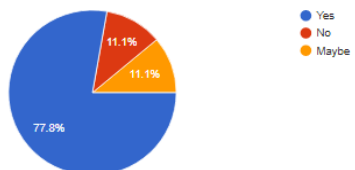
5. Are you capable of assembling such a lamp now?

9 responses



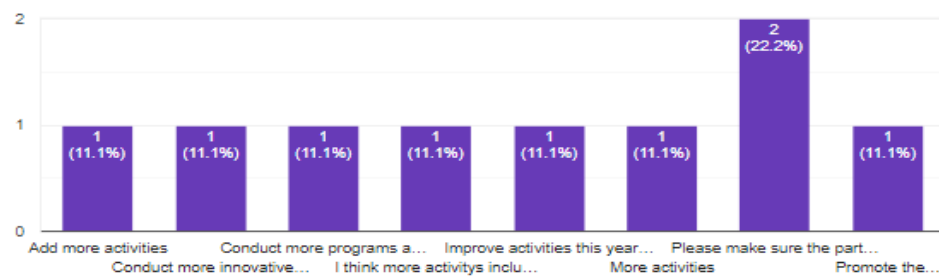
6. In your opinion are the lamps worth buying for students?

9 responses



9. Suggestions for improvement.

9 responses



Best practices/ Extension activities: Few solar lamps were distributed in the nearby villages. Winners of the quiz competition were also given the same. Promoted the hostel students to use solar study lamps and mobile chargers.

PRINCIPAL