

**ST.GREGORIOS COLLEGE
KOTTARAKARA**

**ENERGY AND ENVIRONMENT
CONSERVATION CLUB**



**ANNUAL
REPORT
(2019-2020)**

H.H. BASELIOS MARTHOMA MATHEWSII GOLDEN JUBILEE BLOCK



ST.GREGORIOS COLLEGE,
KOTTARAKARA

**ENERGY AND ENVIRONMENT
CONSERVATION CLUB**



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ST.GREGORIOS COLLEGE,
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**ENERGY AND ENVIRONMENT
CONSERVATION CLUB**

Vision

To make people aware and committed to the cause of energy conservation and environment protection.

Mission

“To make people aware about the importance, need, concept, methodology and perspectives of energy conservation and environment protection and its benefits to the individual, society and nation as a whole by regularly organizing talks, seminars, workshops, write ups etc.”

Energy and Environment conservation Club is purely a voluntary non-profit group activity of students aimed at practicing energy conservation and environment protection. This gives a platform for the candidates to acquire process and share knowledge on the subject. St. Gregorios College, Kottarakara started Energy and Environment conservation Club with the striving aim of associating with the younger generation in protecting and preserving the environment. The objective of the club is to create awareness among the students & general public and also equip them for efficient management of all forms of energy and its conservation. Moreover this club take initiative to develop new sources of energy as well as novel energy technologies with a view to increase the production and facilitating the use of energy on a sustainable basis. Talks, Seminars, Workshops, Exhibitions and other awareness programmes are undertaken by this club every year to spread the message of energy conservation and environment protection.



Energy and Environment conservation Club Team

- Co-ordinators : **Prof. Pinky Abraham and Dr. Remya R**
- Secretary : Mr. Alan Kunjachan (1st Sem BSc Chemistry)

Report for the year 2019-2020

The prime meeting of the nominated students was convened to select two student representatives. Mr. Alan Kunjachan (1st Sem BSc Chemistry) and Ms. Jisha Kurian (IIst Sem BSc Physics) were selected.

Inauguration

The inaugural meeting of the Club followed by one day workshop on energy conservation practices supported by IQAC was held on 10-12-2019. This function was inaugurated by Prof. Usha Kumari K.L, Head, Department of Electronics, Sree Ayyappa College, Eramallikkara and one of the alumni of our college. Fr.(Prof.) Baby Thomas, the Manager of our college delivered benevolent speech. Our Principal Dr.Suman Alexander chaired the function and Prof. Pinky Abraham, Coordinator of the Club welcomed the gathering. Dr. Jean Jose, IQAC Co-ordinator addressed the gathering.

INAUGURATION



Welcome Speech by Prof. Pinky Abraham



Presidential address by Dr. Suman Alexander, Principal



Inaugural Function



*Inaugural address by Prof. Usha Kumari K.L,
Head, Department of Electronics, Sree Ayyappa College,
Eramallikkara*

INAUGURATION



Inaugural Function



Audience in the inaugural function

Activities

The one day workshop supported by IQAC of St. Gregorios College was inaugurated by Prof. K. C. Prakash, Co-ordinator, Centre for Outreach Society Activities, Department of Electronics, Sree Ayyappa College, Eramallikkara.

Dr Suresh S, Member, Academic Council University of Kerala delivered the keynote address in which the students were imparted the knowledge of making of LED bulbs and Christmas stars.

The workshop was divided into two sessions viz academic and technical. The academic session consisted of two invited talks. The first one was delivered by Prof. K. C. Prakash on importance of energy conservation. It was a valuable talk about various renewable energy resources and importance of energy conservation.

The second session was on significance of photovoltaic's and other energy efficient devices by Dr. S. Suresh. He enlightened the students on the topic 'How energy efficiency is achieved through dye sensitized solar cells'. About fifty students were actively participated in the technical sessions.



Academic session by Prof. K. C. Prakash

The technical session was conducted in the Physics UG Lab, in the afternoon, this provided hands on training in the making of LED bulbs and Christmas star. About forty students were trained with the assistance of a team of resource persons from Sree Ayyappa College. Mr. Rohith Krishnan R, Chaithran V, Vipin S Nair, Nandu Krishnan K, Ashik Ajikumar and Nikhil Mohan trained them in a very interesting manner and provided them kits for making LED bulbs and Christmas stars. In the valedictory function, students gave a very positive feedback regarding the workshop. Lighting of the bulbs and stars made by the students was done by the Principal. Vote of thanks was proposed by Dr. Remya R, the co-ordinator of the club, to mark an end to the programme. The training programme provided a great motivation to the students to pursue the knowledge with greater vigour and enthusiasm.



Hands on training on LED bulb making



Hands on training on LED star making



Valedictory Function



Feed back by students



Vote of thanks by Dr. Remya R.



Sale of LED Christmas Stars & bulbs



Sale of LED Christmas Stars

A sale of LED bulbs and stars made by students was organised during Christmas time (19-12-2019) which was inaugurated by our Manager Fr. (Prof.) Baby Thomas.

In order to introduce non renewable energy practices in our college and to achieve energy efficiency, majority of filament bulbs were replaced with LED bulbs and steps were taken for the installation of a 10 kWP solar online UPS inverter by ANERT with subsidy from Ministry of Non Renewable Energy, Government of India.

Prof. Pinky Abraham
(Co-ordinator)

Dr. Remya R
(Co-ordinator)





**ST. GREGORIOS COLLEGE
KOTTARAKARA**



**One day Workshop On
ENERGY CONSERVATION PRACTICES**

10th December, 2019

Organised By

Energy and Environment Conservation Club

Supported by

IQAC

Venue : AC Seminar Hall and Physics Lab

Programme Schedule	
Prayer	:
Inaugural session	
Welcome	: Pinky Abraham
Presidential Address	: Dr. Suman Alexander (Principal)
Managers Message	: Rev. Fr. Baby Thomas (Rtd. Prof. and Manager)
Inauguration	: Prof. Usha Kumary K. L. (Head, Dept. of Electronics, Sree Ayyappa College, Eramalikkara)
Inauguration of one day workshop	: Prof. K. C. Prakash (Co ordinator, Centre for Outreach society Activities, Dept. of Electronics, Sree Ayyappa College, Eramalikkara)
Key note Address	: Dr. Suresh S (Member, Academic Council, University of Kerala)
Felicitation	: Dr. Jean Jose (IQAC Co coordinator)

Academic Session I (10.30 am)

Topic : "Importance of energy conservation"

Resource Person : Prof K. C. Prakash

Academic Session II (11.00 am)

Topic : Significance of Photovoltaic's and other energy efficient devices

Resource Person : Dr. Suresh S

Technical Session II (11.00 am)

Hands on training on LED bulb and LED 'X' mas star making

Resource Person : Rohith Krishnan R, Chaithran V, Vipin S Nair
Nandhu Krishnan K, Ashik Aji Kumar Nikhil Mohan

Valedictory Session

Feed back

Energy Conservation Message : Prof KC Prakash

Lighting of bulbs and Stars : Dr. Suman Alexander

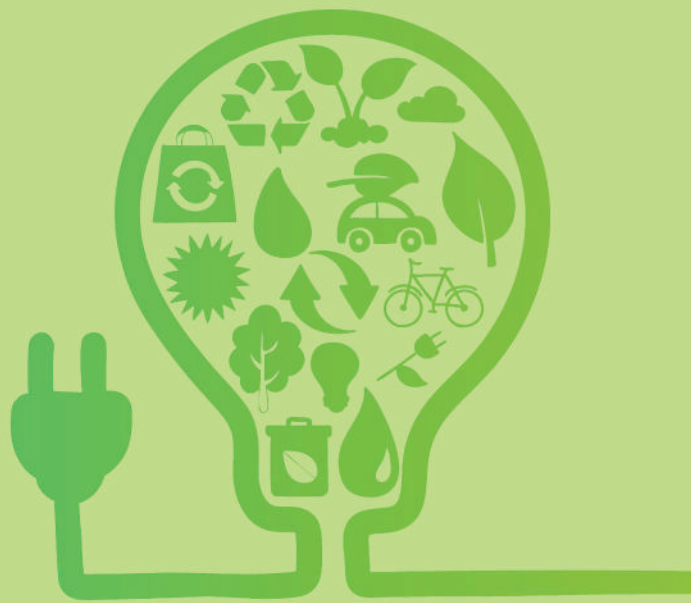
Vote of Thanks : Dr. Remya R

**എസ്.ജി. കോളേജിൽ
എൽ.ഇ.ഡി. ബൾബ്
നിർമാണത്തിൽ
പരിശീലനം**

കൊട്ടാരക്കര ▶ എസ്.ജി. കോളേജിൽ ഊർജ്ജ-പരിസ്ഥിതി ക്ലബ്ബ്, ഐ.ക്യൂ.എ.സി. എന്നിവയുടെ നേതൃത്വത്തിൽ വിദ്യാർത്ഥികൾക്ക് എൽ.ഇ.ഡി. ബൾബ്, എൽ.ഇ.ഡി. സ്റ്റാർ നിർമാണം എന്നിവയിൽ പരിശീലനം നൽകി.

എരമല്ലിക്കര അയ്യപ്പ കോളേജിലെ ഇലക്ട്രോണിക്സ് വിഭാഗത്തിന്റെ സഹകരണത്തോടെ നടത്തിയ പരിശീലനം അയ്യപ്പ കോളേജിലെ ഇലക്ട്രോണിക്സ് വിഭാഗം മേധാവി പ്രൊഫ. വി.എൻ.ഉഷാകുമാരി ഉദ്ഘാടനം ചെയ്തു.

എസ്.ജി. കോളേജ് പ്രിൻസിപ്പൽ ഡോ. സുമൻ അലക്സാണ്ടറുടെ അധ്യക്ഷതയിൽ മാനേജർ പ്രൊഫ. ബേബി തോമസ്, ഡോ. ജീൻ ജോസ്, പ്രൊഫ. പിങ്കി എബ്രഹാം, ഡോ. ആർ.രമ്യ എന്നിവർ സംസാരിച്ചു.



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