



ST. TERESA'S COLLEGE (AUTONOMOUS) ERNAKULAM

**CONSERVATION OF NATURE AND ENERGY CO-ORDINATED BY TERESIANS
(I CONNECT)**

REPORT OF ACTIVITIES: 2019-20

Teacher In-charge

Ms. Minu Pius

Dr. Mariyam Thomas

AWARDS AND HONOURS

**1. National Energy Conservation Award 2019 Commendation Certificate instituted by
Ministry of Power, Govt. of India**

was awarded to the College under the initiatives of I CONNECT for all its endeavours towards Energy Conservation and Popularisation of Renewable Energy sources. The Awards was received on National Energy Conservation Day 14th December 2019 from Shri. R K Singh, Honorable Minister of State for Power and New and Renewable Energy held at VigyanBhavan, New Delhi.



**2. Kerala State Renewable Energy Award 2018 Commendation Certificate by ANERT
and Govt. of Kerala**

At the state level, our institution bagged Kerala State Renewable Energy Award 2018 Commendation Certificate by ANERT and Kerala Government for the initiatives towards popularization of renewable energy. The award was given away by Sri. Pinarayi Vijayan, Honourable Chief Minister of the state on 11th November 2019.



3. First Incubatee of I Connect - Start – Up registered under TIBIC and MoU signed

I CONNECT also promoted the initiation of the startup for LED decorated ornamental designs this year. Alumni of the dept. Ms. Meenakshi R (2018 PG passout) became the first I CONNECT incubatee of Incubation Unit TIBIC. She supplies the LED decorated bouquets for the college events.



4. Exhibition of Self assembled LED bulbs and décor items during NAAC Peer Team Visit and on Alumnae X'mas Sale

- I CONNECT stall showcasing its endeavours, set up during NAAC PEER Team Visit, 4-5 August 2019 received wide acclaim from the NAAC Peer Team , Alumni, Parents and Staff.
- Stall for self-assembled LED bulbs and ornamental LED designs was set up for the Annual X'mas sale was organized by Alumni Association of the college.



5. Orientation class on Efficient use of Energy and LED assembling workshop for Non-teaching staff on 11/12/2019

As part of observing National Energy Conservation day, the department organised an orientation class on efficient use of Energy for the non-teaching staff of the college on 11th December 2019. It was followed by a hands-on training on assembling of LED bulbs under the supervision of I CONNECT members. 31 staffs benefitted out of the programme.



6. Talk on 'Efficient use of Energy for the B. Sc. Physics students and Energy Manager Competition on 06/12/2019

AmalaShajan of II DC delivered a talk on Efficient use of Energy for the IDC Physics students on 6th December 2019, sensitizing students for reducing the consumption of Energy. Electricity bills were collected from 33 participants. Best Energy Manager will be found out based on the next Electricity bill.



7. Carbon Footprint Audit in collaboration with CISSA

This year Department collaborated with CISSA to carry out Carbon Footprint Audit to analyse the amount of Carbon diode expelled by the activities of the college. A preaudit lecture was given by on 8th June 2019. A preaudit workshop was conducted by Mr. Mohammed Anees, Project Engineer CISSA on 16th October 2019. Students conducted the Carbon footprint survey.



8. Global Gandhi Solar Yatra GGSY 2019 in collaboration with IIT Mumbai 02/10/2019

Energy Conservation Awareness Class and a training on 'Making of Solar lamps' was conducted for 150 students in collaboration with IIT Mumbai as part of Global Gandhi Solar Yatra GGSY 2019 held on 2nd Oct 2019. Self-assembled solar lamp kits were then distributed to the participants.



URJAKIRAN

9. Urjakiran – Signature Campaign for observing National Energy Conservation Day on 11th December 2019- inaugurated by Shri T G Vinod, Honorable M.L.A, Ernakulam Constituent



10. Awareness Programme for officials of Central Tax Office on 25th February 2020 with 44 participants and talk by Dr. Mathew George, Assistant Professor, S H College, Thevara



11. Awareness Programme for staff in General Hospital Ernakulam on 29th February 2020 with 55 participants and talk by Dr. Mathew George, Assistant Professor, S H College, Thevara



12. Workshop on Solar Power Power Bank cum Mobile Charger

A design workshop for the design and construction of a Power Bank with Emergency Light using Solar Panel was conducted for the selected students of the college and members of the IIC student wing on 24th January 2019. The highlight of the design is that it has reused laptop batteries for energy storage and fully runs on solar panel. The product has USB ports for charging up mobile phones, emergency LED light and digital display showing the amount of charge left in the power bank. The workshop was supervised by Aruna Mohandas and Shilpamol K S of III DC B.Sc. Physics who designed the Power bank as part of their curriculum project.



13. Popularisation of LED decorated ornamental Bouquets as memento during various events in the college



14. Workshop on LED assembling and Energy awareness classes at G.L.P.S Ponnad on 30/11/2019

A workshop on Energy Conservation and LED bulb assembling was conducted for parents and teachers of G.L.P.S Ponnad on 30th November 2019. Training was undergone by 43 participants.



15. Energy awareness class for 200 students and LED assembling training for 60 students at St. Antony's High School, Kacheripady on 03/10/2019



16. Awareness Campaign on Energy Conservation and Display of LED bulbs as part of Science exhibition on 18/10/2019

