



7.1.2 Energy Conservation Activities

Energy Conservation Measures Adopted by SNM College are,

The college management has designed and constructed classrooms with **ample natural light and effective ventilation** to create an optimal learning environment for students.

The college promotes energy conservation by encouraging students and staff to **switch off or unplug** fans, lights, air conditioners, computers, printers, and other electrical equipment when they are **not in use**.

The college actively fosters awareness of environmental consciousness and sustainability among various stakeholders through the distribution of circulars and the organization of diverse awareness programs.

SAAKALYA, a green initiative by S.N.M College, stands as a powerful endeavor to preserve our planet and protect the environment, conducts various awareness programmes

The college formed the **Energy Conservation Club– Student Chapter**, a dedicated group of students and staff committed to raising awareness and instilling a culture of energy efficiency on our campus. It is formed with an objective to educate, encourage and enable young adults to save energy so that the ongoing energy crisis can be addressed in a most effective manner. Also, it aims to improve students' understanding of day-to-day energy consumption profile and create awareness on energy conservation and energy efficiency.

[energy-conservation-club-student-chapter](#)

The college has organized **workshops for the manufacture and repair of LED bulbs** as a **Step Towards Eco-Friendly Lighting**.

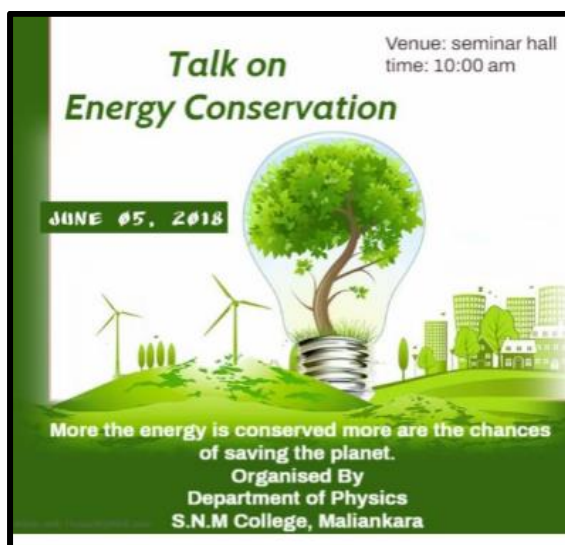
The college has organized **awareness events** about the importance of conserving energy inside the college community and also in the adopted village.



Programmes /Events initiated by the institution related to Energy Conservation during the last 5 years

Talk on “Energy Conservation Measures”

Energy Conservation Club conducted a **talk on “Energy Conservation”** on 5th June 2018 in association with the Department of Physics. The resource person was Dr. Vimala George, Assistant Professor, Department of Physics, St: Xavier’s college, Aluva. Resource person talked about the need for energy conservation in today’s world and the various ways of implementing them. She also discussed the benefits of energy conservation with the students. The talk was very **effective in creating awareness on energy conservation among students**. The resource person explained about effective measures to reduce energy consumption in the households.



Brightening Maliankara: A Step Towards Eco-Friendly Lighting

NSS unit and the Department of Physics jointly organized a **workshop called "Make Your Own LED"** at our college, inviting both students and local residents to participate. The resource person, Mr. Sabir, operator engineer, KSEB, Malappuram handled the training session. The workshop was a great success, as it empowered our volunteers and participants to create more than 200 LED bulbs. These LED bulbs were then made available to the community at an affordable price, making it easier for everyone to switch to a more environmentally friendly lighting option.

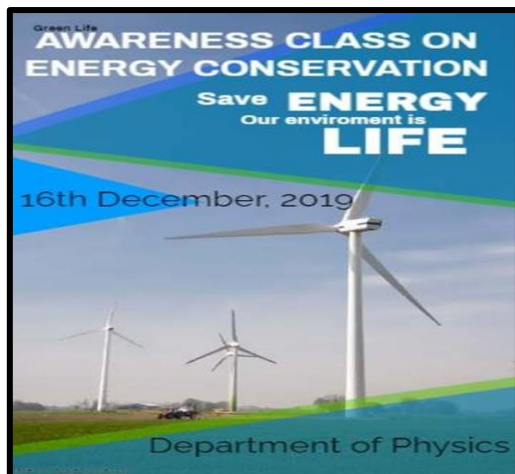


LED Bulb Making on 6th March 2019



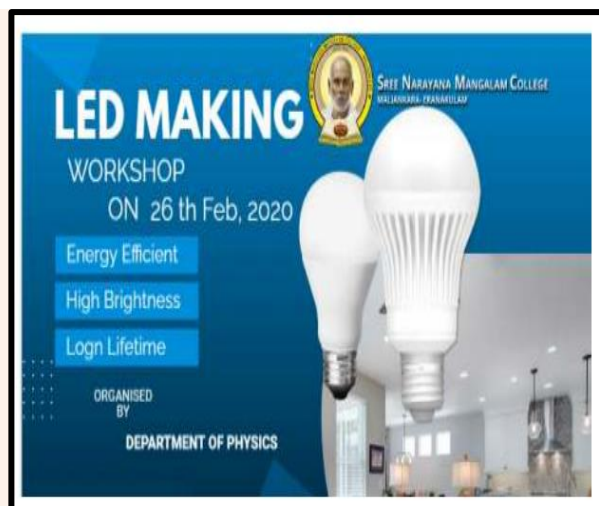
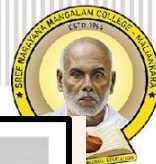
Awareness Class on Energy Conservation

The Department of Physics organised an **enlightening awareness session on energy conservation**, catering to both students and public on December 16, 2019. The session was facilitated by Mr. Biju. P, Assistant Engineer at KSEB, Moothakunnam. The class encompassed a range of topics, including efficient energy conservation techniques, essential safety precautions when dealing with electricity, and simple strategies to curtail electricity bills.



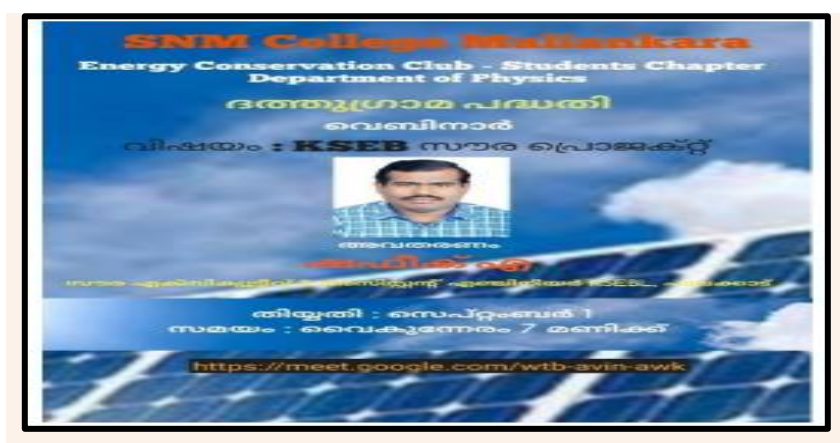
Workshop On LED Bulb Making

Workshop on LED bulb making was conducted by the Department of Physics in association with NSS unit on 26th February 2020. The resource person, Mr. Sabir, Engineer, KSEB, Malappuram handled the training session. Students and faculties were the participants. Students were given training on the manufacture and repair of LED bulbs. All the participants learnt the use of electronic tools like soldering iron, soldering wax, soldering wire, Diode, Resistance, Capacitor, PCB. They made more than 50 low-cost seven-watt LED bulbs and these LED bulbs were distributed among staff and other local people free of cost. There were 35 participants. The technical session on LED bulb manufacturing and repairing was very **effective in creating awareness on using LED bulbs as part of energy conservation.**



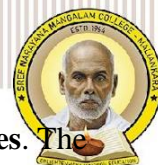
Webinar on Energy Conservation: KSEB: Soura Project

Energy Conservation Club Student Chapter conducted an **online seminar based on KSEB: Soura Project** on 1st September 2021 in association with the Department of Physics. The program aimed at **inculcating energy conservation habits and to create awareness about new energy technologies among students**. Mr. Shafeeq A, Assistant Engineer, KSEB, Palakkad was the resource person. He talked about the KSEB Soura project, its perspectives and challenges. He discussed that in this subsidy initiative, there were three hybrid models introduced by KSEB which is based on the average electricity consumption of the consumers



Energy Conservation Day celebration: A Talk on Energy Conservation

Energy Conservation Club- Student's Chapter organized a talk on 'Awareness on Energy Conservation' on 13th December 2022 as part of **Energy Conservation Day celebration**. The session was handled by Mr. K. M. Shanavas, Joint Director, Kerala State Productivity Council,



Kalamaserry. The resource person elaborated on the **ways of conserving energy sources**. The session proved to be beneficial for the UG and PG students of the college.



Awareness Class On Energy Conservation Measures And Environmental Conservation

The Dept. of English initiated an awareness class with the objective of creating awareness on energy conservation measures and environmental conservation. III BA English students had taken an awareness class for school students of Govt LP School Pallipuram and HMYHSS LP School Kottuvallikad on 23/2/2023, 28/2/2023. Small tips and hints are given to them in order to control the wastage of energy.

