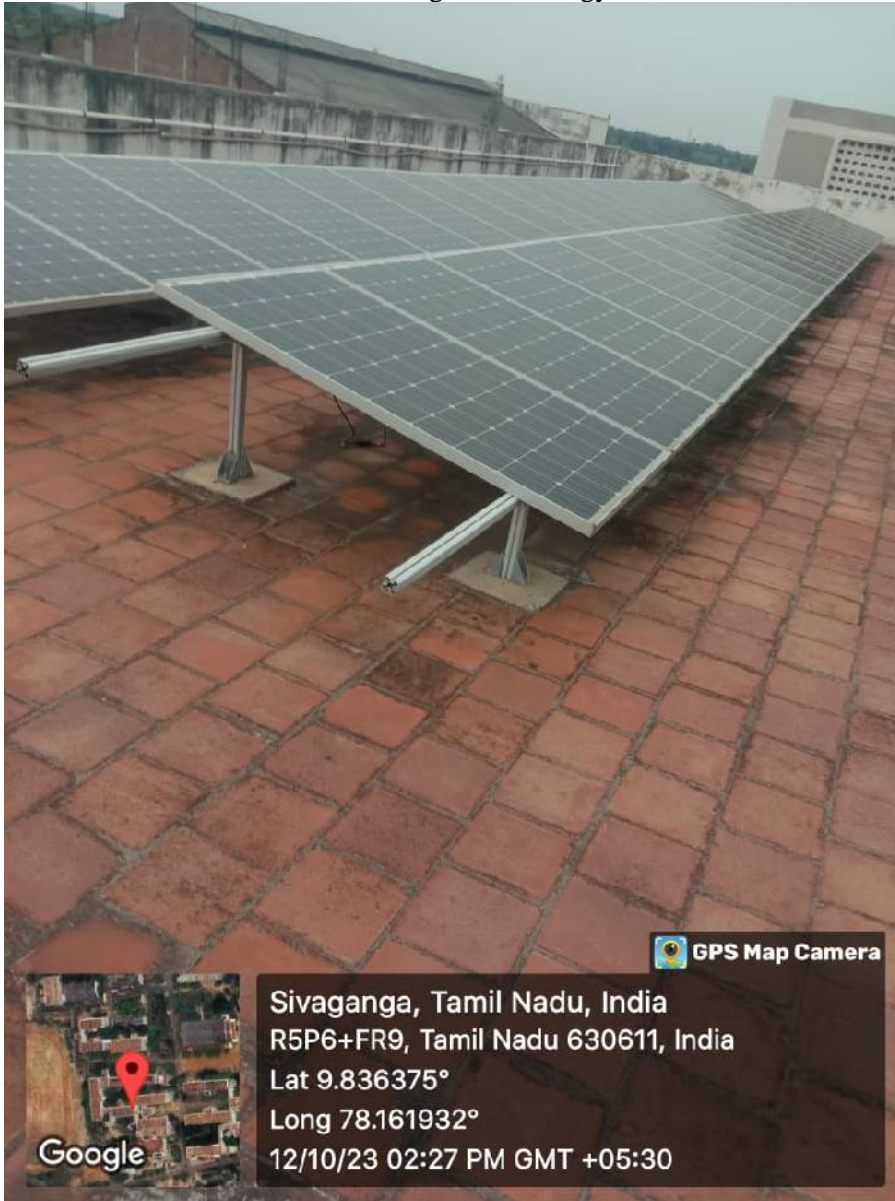


1. Solar energy

Percentage of power requirement of the College met by the renewable energy sources

- Power requirement met by renewable energy sources – 15.112 KW
- Total power requirement by the institute – 320 KW
- About 5% of Power utilization through solar energy





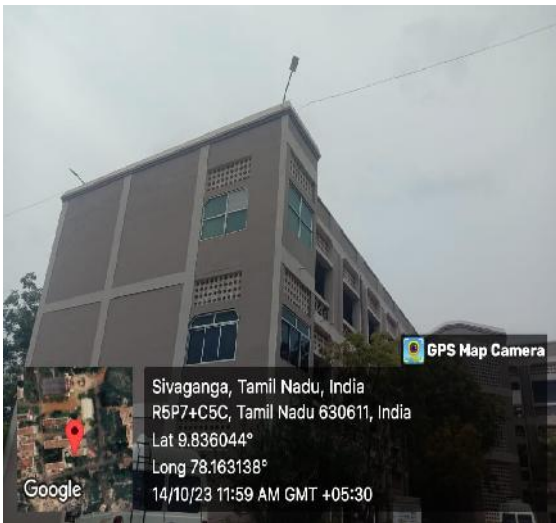
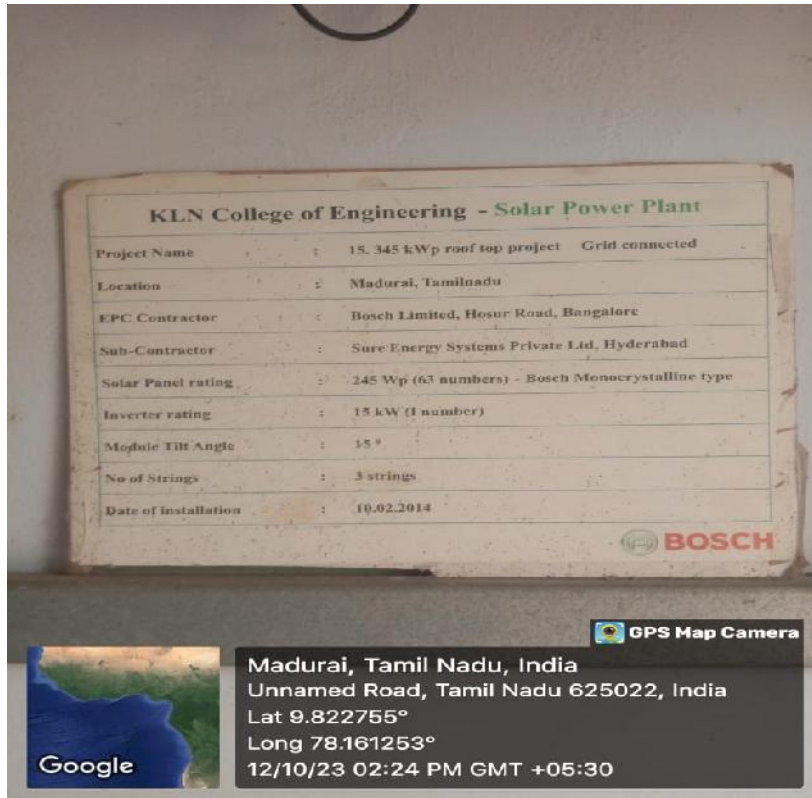
GPS Map Camera

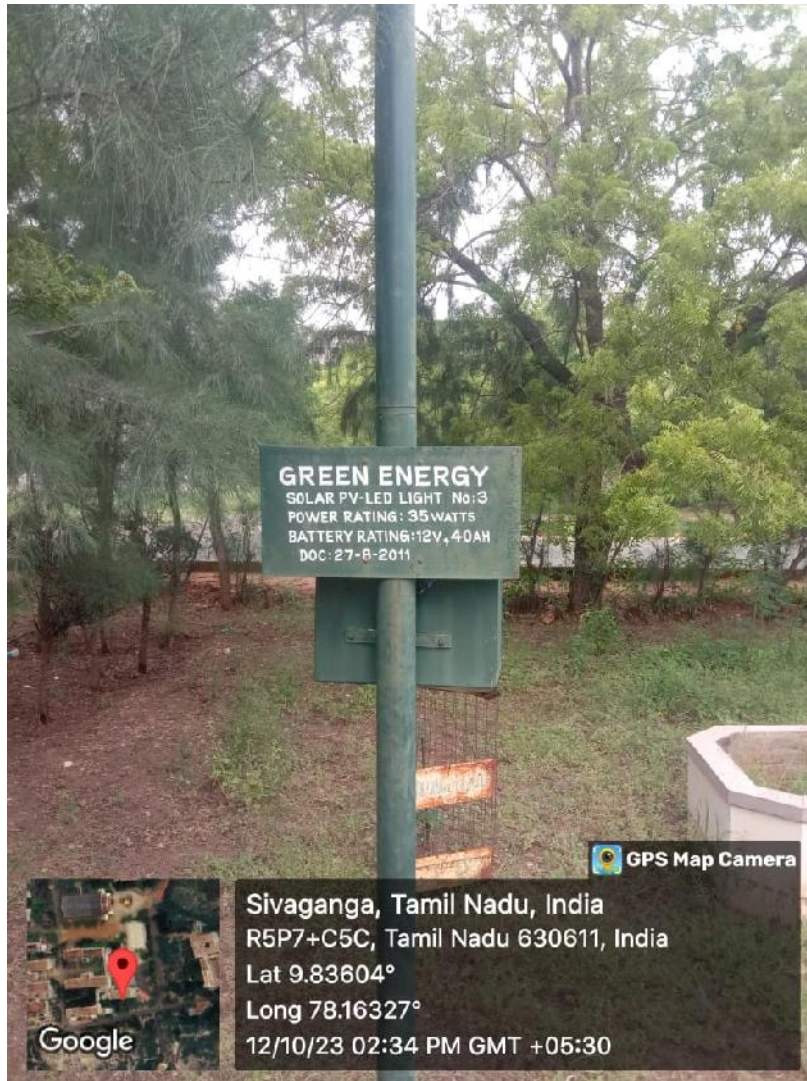
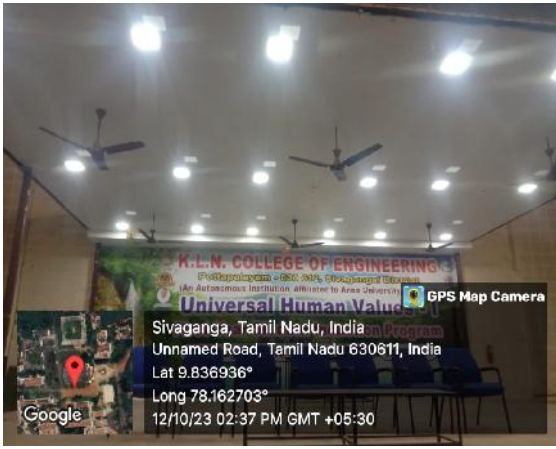


Madurai, Tamil Nadu, India
Unnamed Road, Tamil Nadu 625022, India
Lat 9.822755°
Long 78.161253°
12/10/23 02:24 PM GMT +05:30

2. Use of LED bulbs/ power-efficient equipment


- Total watts of LED Lamps = 1300 watts
- Total number of LED lamps = 145 lamps





Alternate Energy initiatives:

1. Expert Talk on “Energy Conservation, Smart Grid, Electrical Safety and Distribution Systems”

Date, Type of the Event & Participants	Details	Co-ordinators/ Professional Society/ IIPC/IDCA/COs and POs
<p>Date: 28.04.2023 @ 11.10am to 12.50pm Type: Expert Talk Participant Details: Total: 60 Roll: 74 [Internal: Students: 60 Nos. B.E –EEE- II Year / IV Semester “A”&“B” Sec] [% of attendance=60/74= 81.08%]</p>	 <p>Expert Talk on “Energy Conservation, Smart Grid, Electrical Safety and Distribution Systems” <u>Resource Persons:</u> Er.A.Ramalingam, AE Training HRD Er.M.Sundarraj, AE Training HRD/ TANGEDCO, Madurai.</p>	<p>Co-ordinator(s): Dr.M.Ganesh Kumari,AP(Sr.Gr.)/EEE Dr.P.Loganthurai, ASP/EEE Organizing Student Chapter: IEEE Sponsor & Amount: IIPC&Rs.2000/-</p>

2. Awareness Programme on ‘Conservation Of Electrical Energy And Safety’

<p>Date: 11.02.2023 Type:CSR/ Awareness Programme Particip ant Details: Total:63 [Internal: Non-Teaching Faculty: 11Nos. Students: 52 Nos. B.E –EEE- II Year / IV Semester “A”&“B” Sec</p>	 <p>“Conservation of Electrical Energy & Safety” <u>Resource Person:</u> Er.G.Murugesan, Assistant Executive Engineer, TANGEDCO, Sivakasi.</p>	<p>Co-ordinator(s): Dr.P.Loganthurai, ASP/EEE Organizing Student Chapter: Nil Sponsor & Amount: Nil</p>
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3. Expert Talk on “Electrical Machines in Power Systems

<p>Date: 11.02.2023 @ 11.10am to 12.50pm Type: Expert Talk Participant Details:</p>		<p>Co-ordinator(s): Dr.P.Loganthurai, ASP/EEE Mr.A.Marimuthu,ASP/EE, Mr.M.Balamurugan,AP/</p>
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Total: 51
 Roll: 74
 [Internal:
 Students: 51 Nos.
 B.E –EEE- II Year /
 IV Semester "A"&"B"
 Sec]
 [% of
 attendance=51/74=
 68.92%]



EEE
 Organizing Student
 Chapter:
 IEEE
 Sponsor & Amount:
 IIPC&Rs.1500/-

Expert Talk on " Electrical Machines in Power
 Systems"

Resource Person:
 Er.G.Murugesan, M.E.,
 Assistant Executive Engineer,
 TANGEDCO, Sivakasi.

4. Expert Talk on " Energy Conservation and Audit"

Date:
 27.01.2023
 Time: 1.30 pm
 to 2.30pm Type:
 Expert Talk
 Participant
 Details:
 Total: 38
 Students: 38
 (B.E.EEE–III &II
 Year/VI &IV
 Semester 'B'sec
 [(2020-
 2024Batch)&(2021-
 2025Batch)](38 / 69
 = 55.1 %)



Co-ordinator(s):
 Mr. M. Jeyamurugan,
 AP(Sr.Gr)/EEE
 Mr.
 R.Jeyapandiprathap,
 AP/EEE Organizing
 Student Chapter:
 IEEE
 &IIPC Sponsor &
 Amount: Nil

Expert Talk on "Energy Conservation and Audit"

Resource Person:
 Dr.S.Venkatanarayanan, Prof./EEE,
 K. L. N. College of Engineering,Sivagangai Dt.,
 PCRA, Govt of India, Empanelled Faculty.

5. Awareness program on "Conservation of Electrical Energy &Safety"

Date:
 20.12.2022 Type:CS
 R/
 Awareness
 Programme Particip
 ant Details:
 Total: 150
 Internal:
 Students: 150 Nos.
 B.E –I Year-EEE,ECE
 &MECH Students



Co-ordinator(s):
 Dr.P.Loganthurai,
 ASP/EEE Organizing
 Student Chapter:
 Nil Sponsor &
 Amount: Nil

" Conservation of Electrical Energy &Safety"

Resource Person:
 Er.M.Manoharan, Executive
 Engineer, TANGEDCO, Manamadurai,
 Er.P.R.Ulagappan, Assistant Executive Engineer,
 TANGEDCO, Thiruppuvanam,
 Er.V.Balasubramani, Assistant Engineer,
 TANGEDCO, Keelai Section.

ENERGY AUDIT CLUB

K.L.N.COLLEGE OF ENGINEERING
(An Autonomous Institution, Affiliated to Anna University, Chennai)
Department of Electrical & Electronics Engineering
Pottapalayam, Sivagangai District - 630 612

Ref : KLNCE / EM / training / 2022/ 601

Date : 16.12.2022

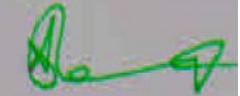
CIRCULAR

Tamil Nadu Generation and Distribution Corporation Ltd (TANGEDCO), Government of Tamilnadu, declared the week 14-21 Dec 2022 as "Energy Saving Week". In this connection, Industries and Educational institution are informed to conduct energy awareness day for their staff and students on any one day between the above dates. It is proposed to conduct energy awareness seminar under energy audit club of KLNCE on 20.12.2022 (Tuesday). The resource person will be from TANGEDCO.

It is proposed to conduct the above seminar for the first year students of BE-EEE, ECE & Mechanical on **20.12.2022 (Tuesday) from 11.30AM To 12.30 Noon.**

Venue : PG Conference Hall

Students of the above branch, along with the class coordinator / subject handlers (for the fourth period) are informed to accompany the students to the PG Conference Hall. Other interested staff are also informed to attend and get benefitted.



PRINCIPAL

Cc to : All HODs and Directors,

(circulated among staff members through HOD's and Directors)

Cc to : EO/SM.,

Cc to : Librarian (UG & PG), ISSG, TPO, PD.

Cc to : Hostel (Gents & Ladies), Transport section, Hospital

Cc to : Staff & Students Section notice board, Civil Maintenance.,

Cc to : General notice board

Cc to : File.