



# KALASALINGAM

## ACADEMY OF RESEARCH AND EDUCATION

### (DEEMED TO BE UNIVERSITY)

Under sec. 3 of UGC Act 1956. Accredited by NAAC with "A" Grade



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## Guest lecture on

# Energy Sources and Conservation

Organized by

# GREEN ARMY

### Guest:

**Dr.P.Ganesan**

Associate Professor

Amal Jyothi College of Engineering, Kerala

### Program officer

**Dr. P. Sivakumar**

Professor/ Director  
Student Affairs

### Coordinator

**Dr. M. Muthu Kannan**

Professor

### Staff incharge

**Dr. S. Muthuvel**

Associate Professor

Email: s.muthuvel@klu.ac.in

**Ms. N. Vigneshwari**

Assistant Professor

**Ms.P.Priya**

Assistant Professor

**Date: 01.02.2021 (Monday)**

**Time: 4.00 - 4.50 pm**

Organized in **Google meet**

 <https://meet.google.com/tkn-tczj-zzm>

**Every act of energy conservation... is more than just common sense: It is an act of patriotism.**

## Event Report

DATE: 04.02.2021

A Guest Lecture was conducted on the topic “Energy Sources and Conservation” by Google-meet on 1st of February 2021 from 4:00 pm to 5:00 pm.

**Speaker:** Dr. Dr.P.Ganesan, Associate Professor, Amal Jyothi College of Engineering.

### **Topic Discussed:**

Energy conservation is the effort made to reduce the consumption of energy by using less of an energy service. This can be achieved either by using energy more efficiently (using less energy for a constant service) or by reducing the amount of service used (for example, by driving less). Energy conservation is a part of the concept of Eco-sufficiency. Energy conservation measures (ECMs) in buildings reduce the need for energy services and can result in increased environmental quality, national security, personal financial security and higher savings. It is at the top of the sustainable energy hierarchy. It also lowers energy costs by preventing future resource depletion.

Energy can be conserved by reducing wastage and losses, improving efficiency through technological upgrades and improved operation and maintenance. On a global level energy use can also be reduced by the stabilization of population growth.

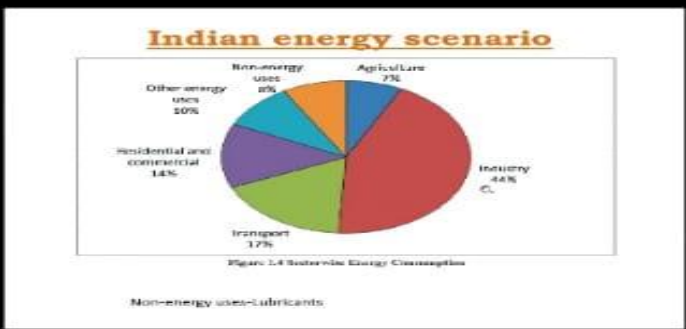
Energy can only be transformed from one form to other, such as heat energy to motive power in cars, or kinetic energy of water flow to electricity in hydroelectric power plants. However, machines are required to transform energy from one form to other. The wear and friction of the components of these machines while running cause losses of very high amounts of energy and very high related costs. It is possible to minimize these losses by adopting green engineering practices to improve life cycle of the components.

NO. OF STUDENTS PARTICIPATED: 48

tkn-tczj-zzm



REC



Ganesan P

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You



S  
SATHYA S...

S S  
21 others



4:55 PM

Wi-Fi 4G 32



tkn-tczj-zzm ▶



REC



Ganesan P



You



SASIGOWT...



64 others



**Name of the Event:** Guest Lecture

**Year of the activity:** 2020-21

**Number of students participated in such activities:** 44

Sl.No.	Participants
1.	Mr. M. Sathish Kumar Agriculture-Staff
2.	Aaron Graham Stanes P Chem-Ug - 2019 Batch
3.	Akash R Cit-Ug- 2018 Batch
4.	Arani Hariprasad Vigneesh Ece-Ug - 2019 Batch
5.	Blessy Femina Y Ece-Ug - 2019 Batch
6.	Boligarla Vinay Chem-Ug - 2019 Batch
7.	Bussareddy Revanth Kumar Ece-Ug - 2019 Batch
8.	Dimple Manoranjini J Arch-2019 Batch
9.	Ganesha Moorthy G Btech Eceug-2019 Batch
10.	Gondrala Tarun Srinivasulu Ece-Ug - 2019 Batch
11.	Jagadeeswaran P Chem-Ug - 2019 Batch
12.	Jemimah Harline D Biom-Ug- 2017 Batch
13.	Kakarla Manoj Kumar Ece-Ug - 2019 Batch
14.	Katta Gayathri Devi Ece-Ug - 2019 Batch
15.	Katta Sai Kumar Cse-2018 Batch
16.	Konanki Sai Bhargav Ece-Ug - 2019 Batch
17.	Kotapati Mahendra Ece-Ug - 2019 Batch
18.	Kuppala Nagaraju Ece-Ug - 2019 Batch
19.	Lingamdinne Sudeepthi Ece-Ug - 2019 Batch
20.	Logesh A Cit-Ug- 2018 Batch
21.	Machunuri Mahendra Ece-Ug - 2019 Batch
22.	Meesala Thirupathi Rao Ece-2018 Batch
23.	Mellempudi Yuva Vardhan Ece-Ug - 2019 Batch
24.	Mohamedkafilmeeran A Cit-Ug- 2018 Batch
25.	Nagisetty Pavan Kumar Ece-Ug - 2019 Batch
26.	Nallamalli Veda Sree Vallika Ece-Ug - 2019 Batch
27.	Narayani R Cse-2017 Batch
28.	Palagiri Varun Arch-2019 Batch
29.	Prasanna Venkatesh G Chem-Ug - 2019 Batch
30.	Ram Kumar K Cit-Ug- 2018 Batch
31.	Sai Vishal Namineni Cse-2018 Batch
32.	Sanjay Kumar M Cit-Ug- 2018 Batch
33.	Saravanakumar P Cit-Ug- 2018 Batch
34.	Sasigowthaman M Chem-Ug - 2019 Batch
35.	Sathiya Moorthy V Cit-Ug- 2018 Batch
36.	Sathya Seelan G Cit-Ug- 2018 Batch

37.	Selvendra Kannan M Cit-Ug- 2018 Batch
38.	Sethu Ram K Cit-Ug- 2018 Batch
39.	Siva Bharathi N Cit-Ug- 2018 Batch
40.	Thivakar Manoj R Cit-Ug- 2018 Batch
41.	Uppu Sai Ganesh Ece-Ug - 2019 Batch
42.	Usuffkhan U M Cit-Ug- 2018 Batch
43.	Ms. N. Vigneshwari Biomedical-Staff
44.	Jammigunpula Srinivasa Rao Ece-2018



COORDINATOR SIGNATURE