



# **VISAT ENGINEERING COLLEGE**

Nelloorupara, Mutholapuram P O, Elanji, Ernakulam - 686665

Approved by AICTE, Recognized by DTE Kerala

Affiliated to the APJ Abdul Kalam Technological University, TVM

Tel No: 0485 - 2259900 / Web : [www.visat.ac.in](http://www.visat.ac.in) / E-Mail : [office@visat.ac.in](mailto:office@visat.ac.in)

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## **GEO TAGGED PHOTOS OF FACILITIES IN OUR INSTITUTION**



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## 1. Ramp



Our college has a ramp in front of our reception to support the disabled people to enter the premises. It allows easier access for people using mobility aids like wheelchairs as well as individual who may difficulty navigating stairs.



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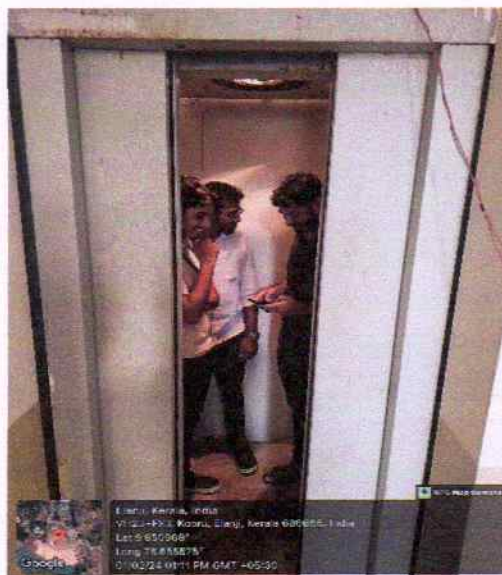
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## 2. Lift

Our institution has a lift for the disabled and other members to go to higher floor of institution building. It helps to move easily when in need. When the current supply goes suppose, if we have to work the lift we move to generators for the efficient working of lift.



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## 3. Water Harvesting System

Our water harvesting system encompasses a well with a 13 feet radius, reaching a depth of 32 feet, and with a volume of 17727 cubic feet. This well serves to access underground water and collect rainwater from the entire campus area, ensures sustainable water management for our needs. Also, our college has an efficient water tank to store water whenever necessary. It provides water supply to the college premises, hostel, and canteen.



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## 4. Bio Gas plant

Biogas is a gaseous renewable energy source produced from raw materials such as agricultural waste, manure, municipal waste, plant material, sewage, green waste, wastewater, and food waste. Biogas is produced by anaerobic digestion with anaerobic organisms or methanogens inside an anaerobic digester, biodigester or a bioreactor. So, our institution has installed a biogas plant system to effectively produce biogas.



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## 5. Incinerator

**Incineration** is a waste treatment process that involves the combustion of substances contained in waste materials. Incineration and other high-temperature waste treatment systems are described as "thermal treatment". Incineration of waste materials converts the waste into ash, flue gas and heat. The ash is mostly formed by the inorganic constituents of the waste and may take the form of solid lumps or particulates carried by the flue gas. Our institution has installed an incinerator shown in the below picture.



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## 6. Waste Bins

Coloured waste bins are often used to help people easily identify and separate different types of waste for recycling or proper disposal.



*Prakash*  
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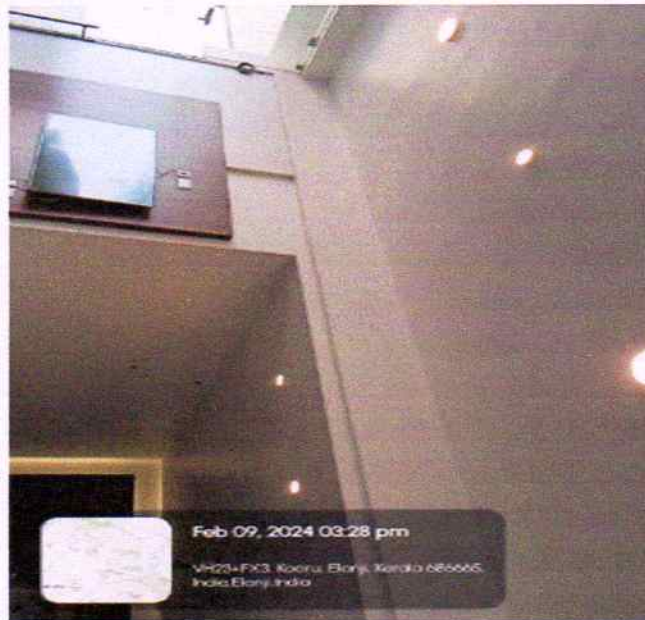
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## 7. Energy Conservation.

LED lights are highly energy-efficient lighting options that provide bright illumination while consuming minimal power.



*[Signature]*  
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BLDC fans are energy-efficient ceiling fans that use brushless DC motors, offering quieter operation and consuming less electricity compared to traditional fans with AC motors.



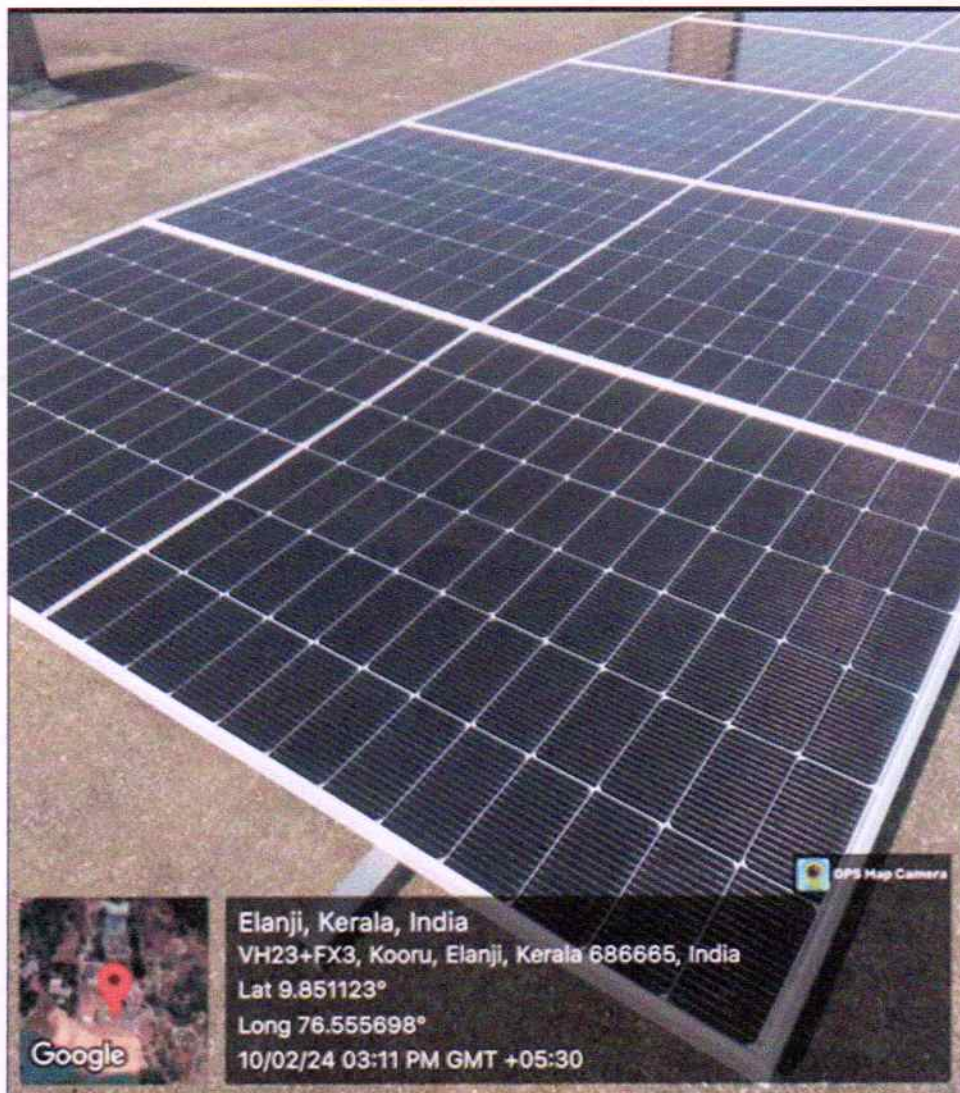
Together, BLDC fans and LED lights contribute to reducing energy consumption and promoting sustainability in households and commercial spaces.



  
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## 8.Solar Cell

The solar cell harnesses sunlight to generate electricity, offering a clean and renewable energy source. Its efficient design enables sustainable power production while reducing carbon emissions. The college has a basic solar cell setup with a 30-kilowatt capacity, showing its attempt at sustainable energy practices and concern for the environment.



*P. Prashanth*  
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