



University : Sri Sri University

Country : India

Web Address: www.srisriuniversity.edu.in

### **SDG13: CLIMATE ACTION**

### 13.4. Commitment to Carbon Neutral University

### 13.4.1 Commitment to carbon neutral university:



Plate 1. Solar light



Plate 2. Solar panels



**Plate 3.** Solar Water Heater at rooftop



Plate 4. PNG station in the campus





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Plate 5. E. vehicle in the campus at no cost Plate 6. Use of fly ash bricks in the



### Construction



Plate 7. Electric bikes and car used by the students and staff in the university campus





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Plate 8. Charging station of e-vehicles



Plate 9. Energy conservation pledge

#### **Description:**

#### **Actions:**

Sri Sri University has made an energy conservation pledge to commit to developing a carbon-neutral campus in a phased manner. The development of a carbon-neutral campus is a gradual, multidirectional process that includes the development of renewable energy sources on campus, the use of zero-carbon energy and construction materials, energy-efficient appliances, and the promotion of electric vehicles. These actions contribute to achieving a carbon-neutral university. Here are the details of these actions:

1. Installation of Solar Street Lights and Pumps (**Plate 1**).





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- 2. Installation of solar panels (Total units per annum produced from an 8 kW solar PV system = 13,000 kW) (**Plate 2**).
- 3. Implementation of IoT-based washing machines and tumble dryers for student and staff laundry.
- 4. Installation of solar water heaters on the rooftops of buildings (**Plate 3**).
- 5. Adoption of low-carbon fuel (PNG) in the kitchen. A PNG station has been established on campus (**Plate 4**).
- 6. Promotion of e-vehicles within the campus to discourage the use of private vehicles at no cost, contributing to carbon credits (**Plate 5**).
- 7. Incorporation of building designs that enhance natural lighting and ventilation, along with the use of natural stone and fly ash bricks in construction (**Plate 6**).
- 8. Encouragement of students and university staff to use e-vehicles on campus. Various facilities, such as free charging and discounted parking charges, are provided to them. There has been a significant increase in the number of e-vehicles on campus (**Plate 7**).
- 9. Establishment of a charging station for e-vehicles at no cost (**Plate 8**).

#### **Policies and Good Practices:**

In addition to the actions, Sri Sri University has implemented policies and good practices:

- Sri Sri University is committed to developing a carbon-neutral campus and has a well-defined zero-emission policy aimed at achieving this goal (Copy attached).
- 2. The university has an energy conservation pledge in place, and the issues related to zero emissions are addressed in this pledge (**Plate 9**).
- 3. Sri Sri University has conducted Energy Audits, Green Audits, and Environmental Audits, and it is committed to following the recommendations provided in these audit reports





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