7.1.2 Environmental Consciousness and Susainability/Alternate Energy Initiatives:

Power requirement met by renewable energy sources	Total power requirement	Renewable energy source	Renewable energy	Energy supplied to grid
Solar Power	80 KW	Solar P. V.	2 KW	

1. **Energy conservation:**

   Program of electricity awareness at the Institute level to spread awareness about efficient use of electricity. Energy audit of college has been done. While designing the buildings, the care has been taken to fetch maximum benefit from natural resources, like wind, sunlight to reduce consumption of electricity. The use of transparent glass window provides maximum sunlight to classrooms and Laboratories. Energy conservation display boards have been placed in each & every classroom & labs. Power factor is maintained close to unity. We have Centralized UPS systems for computers .Generator is placed away from classroom, to minimize noise pollution.

2. **Use of Renewable Energy:**

   Solar panels have been installed on the rooftop. Solar mobile chargers are also available in campus to charge the mobile phones.

3. **Rain Water Harvesting:**

   For improvement of ground water level, Institute has Rain Water Harvesting in the campus.

4. **Efforts for Carbon Neutrality:** Sufficient plantation on the campus has helped to increase green cover and keep the campus pollution free. Organic waste, generated from

garden, is converted into compost instead of burning. Compost, so produced, is used as a fertilizer for the campus garden, thereby increasing reutilization. Waste paper generated is sold to vendor for recycling. Paper usage is minimized by printing on both sides of papers. Inter department correspondence is made through e-mails. In our college campus, plastic bags are not entertained.

5. **Tree Plantation:**

   Major area of campus is covered with plants & lawns. Various types of plants include medical plants like, bottle palm, Hibiscus Rosa sinesis, Vitexnegundo, etc. The flowers and leaves of these plants are combined to make in-house bouquets for felicitation of Guest who visits the Institute.

6. **Irrigation System:**

   As college has most of area covered by greenery, irrigation to all this plants as well as Lawn is done by more number of sprinklers. Due to this large amount of water saving is done.

7. **Temperature/ Humidity Indicator:**

   This system is available with college for indicating temperature and humidity in environment to aware global warming.

File No.DEIO-TECH0HT/88/2020-DEI(TECH)-DESVSP

GOVERNMENT OF ANDHRA PRADESH
DIRECTORATE OF ELECTRICAL SAFETY

FROM:
The Deputy Electrical Inspector
Plot No. 2,Sector-10,M.V.P.Colony
Visakhapatnam - 530017

TO:
M/S DadiInstituteof Engineering & Technology,
NH-16,Anakapalle-531002
Visakhapatnam Dt.

Lr. No.DyEI/VSP/TECH/ Exceeding 650V/D. NO: 194 /2020, DATED: 10-02-2020

Sir,

Sub: Order under Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations' 2010 (As Amended to date)

Ref: 1. G.O.Ms.No. 28 ENERGY (SERVICES) DEPARTMENT.Dated: 21-07-2012
2. Our Lr. No. DyEI/VSP/TECH/HT-1007/D.NO:402/2019, Dated:25-02-2019(Inspection Report)
3. Your Letter dated: Nil Received on: 06-02-2020Compliance Report)

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The Existing Electrical Installation, as mentioned in the Inspection Report cited above, at M/s. DadiInstituteof Engineering & Technology, Anakapalle,Visakhapatnam Dtwere inspected under Regulation 30 of Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations' 2010 (As Amended to date) by this office on 29-09-2018 for the year 2018-19 and issued Defects Notice (Inspection Report) vide reference 2nd cited above . It is hereby acknowledged that your Compliance Report, in response to our Periodical Electrical Inspection Report was received and the same appears to be generally in order. However you are solely responsible to maintain and upkeep the Electrical Installation free from Danger at all times for all Safety Measures

The next Inspection under Regulation 30 is due for the Year 2019-20

Your's Faithfully

#Digitally Signed#

Deputy Electrical Inspector
Visakhapatnam Sub-Division
Govt. of Andhra Pradesh
Visakhapatnam

Signature valid
Digitally signed by CH V SATYANARAYANA
Date: 2020.02.10 14:19:15 IST
Reason: Approved

Copy submitted to the Deputy Chief Electrical Inspector to Govt. of AP, Visakhapatnam

APTC FORM-10

GOVERNMENT OF ANDHRA PRADESH

Challan No: 41146715802020	Challan Creation Date & Time: 18/09/2020 2:37:46 PM
Treasury/PAO Code: 0201	STO: DTO-Visakhapatnam
CFMS Transaction ID:	40073229162020
Service:	7049-Fee under Indian Electricity Rules
Major Head:	0043 Taxes and Duties on Electricity
Sub-Major Head:	00 Not Applicable
Minor Head:	102 Fees Under the Indian Electricity Rules
Group Sub-Head:	00 Not Applicable
Sub-Head:	01 Fees under the Indian Electricity Rules
Detailed Head:	000 Not Applicable
Sub-Detailed Head:	000 Not Applicable
Charged/Voted:	V
Non-Contingency/Contingency:	N
Amount Rs:	4550.00
Amount In words Rs:	Four thousand five hundred fifty only
Purpose:	650V will be inspected under regulation 30 of the central Electricity Authority MRSES Regulations, 2010 and your are requested to remit the inspection fee.
Remitter's Name & Address:	DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY, NATIONAL HIGHWAY-16, ANAKAPALLE, VISAKHAPATNAM-531002
Remitter's Mobile Number:	9963981111
DDO Code:	02010502002 DY ELECTRICAL INSPECTOR VSP.
Status:	Payment Transaction Successful
Bank Reference Number:	CPAAHRNTU9
Payment Date:	19/09/2020
Received Rs:	4550.00

Note:This Challan does not need enfacement of the treasury