

## **Policy 18: ENVIRONMENT SUSTAINABILITY, WASTE MANAGEMENT AND GREEN INITIATIVES POLICY**

- IMSCD&R is dedicated to implement, maintain and improve environmental management processes in the campus in order to reduce its carbon and environmental footprint.
- Institute is committed to maintain a very strict and eco-friendly waste management mechanism and abide by the principle of green protocol.
- Institute acknowledges its responsibilities and obligations to contribute its share in the resolution of local and global environmental issues by minimizing its environmental impact.
- Consciousness about ecological balance and impact of its disorder on sustainability is deeprooted in the ethical framework of the institution.
- Institute has made many efforts to stabilize the up gradation of nature not only in the campus but the selected areas where its extension activities are going on.
- IMSCD&R promotes a plastic free campus through awareness.
- Inspection and maintenance of electronic wires and appliances in time, helps to avoid power wastage.
- Students are motivated to avoid unnecessary use of electricity. Habits of switching off switches of light, fans etc are inculcated through awareness.
- The institute is moving towards the concept of green architecture.
- IMSCD&R preserve the existing trees and plant new saplings.
- The available land have been utilized to the fullest extent in a nature friendly way.

- Students are made aware of the disposal of different categories of waste as per color coding.
- Vermicompost is maintained. The bio-degradable waste is converted into fertilizers.
- The campus is made noise free. Honking of horns is prohibited.
- IMSCD&R motivates Reduce, Reuse and Recycle initiatives and encourages all its stakeholders to reduce individual waste generation as an ethical commitment.
- All institutional activities have to revolve around the principles of plastic reduction and lesser waste generation.
- Use of alternative items instead of plastic to be promoted and make the institution abide by the principle of green protocol.
- Programs which nurture the environment quality and biodiversity protection throughout the region are encouraged to be introduced.
- Steps to be taken for harnessing of solar energy to its maximum by installation of solar energy panel as an alternative source of energy, in the open areas of campus.
- Institute has installed solar energy units in the main building as well as in girls and boys hostels.
- Minimal use of paper to be practiced by using electronic platforms for academic and administrative purposes.
- Rainwater harvesting plant to be installed for collection and use of rainwater in an efficient manner.
- Institute has made its pledge on Green India, Clean India which is taken by the Students & Faculty Member.

- To identify and replace equipment/gadgets such as tube lights, fans, printers, scanners, etc. which are old, outdated and are heavy power consuming.
- Replace incandescent bulbs and tube lights and replace them with energy efficient light bulbs and tubes which consume very less electrical power thereby helping in keeping energy efficient campus.
- Continuously track and monitor energy usage in the campus by conducting energy audit and implement ways to increase energy efficiency wherever possible.
- Institute periodically undertakes and publishes 'Green Audit'.

  
**Dr. M. B. Mehta**  
Director



# **S. K. ELECTRICALS & MULTI SERVICES**

F-1, NEAR GANESH TEMPLE, VINAYAKNAGAR,  
NAGAR - PUNE ROAD, AHMEDNAGAR - 414 001. • MOBILE : 98227 50401

## **ENERGY AUDIT**

Institute has undertaken various measures for energy conservation and creating alternate sources of energy over the past few years. Details are as follows-

### **1. LED Lights**

Institute has replaced LED bulbs in place of regular bulbs and tubes in order to move towards more power efficient equipments. The Institute has also

- purchased LED Monitors in place of CRT monitors in most cases.

### **2. Solar Panel for Electricity Generation**

Institute has fitted Solar panels which create electricity. Thus using this electricity, institute has saved money as electricity bill is reduced remarkably. Solar panel installed generates 10KW of energy.

### **3. Solar Water Heater**

Institute has fitted solar water heater at the girls and boys hostel. These installed solar water heater, provides hot water for all the girls and boys in hostel and save electricity and other fuel. Capacity of solar water heater installed at girl's hostel is 500 liters and that at boy's hostel is 800 liters.

### **4. Electricity Backup- Generator Set**

Institute has Generator Set installed in the campus premises as a backup in case of power failure. The generator provides continuous power output to the entire campus and has a capacity of 50KVA.



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### **Recommendations-**

1. 100% replacement by LED monitors should be done in place of CRT monitors.
2. All regular bulbs and tubes should be replaced with LED bulbs.

Date: 07<sup>th</sup> January 2021

**For S.K.Electrical's & Multiservices:**

**For S.K.Electrician & Multi Services**

Mr. Shailesh Kukade- Contractor