



## **KAKINADA INSTITUTE OF TECHNOLOGY AND SCIENCE**

Tirupathi (V), Divili, Peddapuram Mandal, East Godavari District, Pin: 533433

Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada

Accredited by NAAC with B<sup>+</sup> Grade

Date :12-09-2019

### **POLICY DOCUMENT FOR CLEAN AND GREEN**

#### **CAMPUS INITIATIVES**

The institution understands the importance and essence in implementing green concepts in the campus. It believes in education combined with environment friendly practices, like Gurukula, the traditional Indian education system, to promote sustainable development. The college is implementing green initiatives with determination with a long term commitment, and is taking the initiative in the right direction through its NSS, Engineering department and all other departments concerned wherever necessary. The following practices are undertaken by the college.

**1 Water Resources:** The institute constantly practices and implements rain water recycling and harvest rain water to resolve and manage water scarcity problems that may arise in the future.

The maintenance staff under Engineering department

- a. Regularly inspects tap leakage.
- b. Attend to repair immediately to avoid loss of potable water.
- c. The use of water in hostels is minimized by the use of dish washing machines.

**2. Energy consumption:** The college believes in reducing wastage of energy consumption. We believe in the slogan 'Energy saved is energy generated'. The following practices are strictly followed in the campus:

- a. Turn off the monitor when you leave your table.
- b. Turn off unnecessary lights and use daylight instead.
- c. Use LED or compact fluorescent bulbs as much as possible.
- d. Switch off lights ,fans in conference rooms, classrooms, seminar halls when not in use.

**3. Renewable Energy:** The institute trusts in promoting solar energy. The college has solar street lights as a part of a small initiative of utilizing renewable energy. In addition to this, we believe in encouraging and promoting adaptation of solar power equipment among stake holders .In this regard, our college conducts various awareness programs.

**4. Conserve Natural resources:** The institute has preserved age old banyan tree, palm tree and neem tree. The institute takes all the requisite measures to protect them. Along with the management, our institute follows best practices towards establishment and maintenance of green campus.

**5. Restricted entry of motor vehicles:** All the vehicles of staff/faculty members are expected to possess pollution emission certificate before entering the college campus. The college encourages the employees and students to use public transport , bicycles etc. to limit the emissions. The college has four transport buses which helps in reducing pollution and consumption of petrol up to 120 bikes.

**6. Pedestrian friendly pathways:** The college adheres to pedestrian friendly walkways in the campus. Pedestrian-friendly pathways are properly marked with suitable logo/sign.

**7. Promoting the use of bicycles:** The institution encourages the students to use bicycles especially within the campus. Many students uses bicycles regularly. This initiative helps in promoting fuel saving attitude among the future users.

**8. Ban on use of plastic:** Ideal institute of technology is committed to make the campus plastic free zone. Therefore there is a complete ban on single plastic usage in classrooms, laboratories, canteens in the institution premises and hostels. Awareness activities are conducted to promote reduced usage of plastics inside and outside the campus. NSS conducts awareness programmes in this regard.

**9. Landscaping with trees and plants:** As per green practices ,our campus moves in direction of a green institution by planting more trees within and outside the campus and creating awareness with stakeholders by spreading the concept of eco-friendly to the nearby community and wherever possible.

**10 .Waste management:** The college believes in reducing or minimizing the waste. The following initiatives are practiced:

- a. Keep a stack of paper that has been printed on one side and use it for day to day rough paper work.
- b. Use more readout material in soft form. Reduce the hard readout material. Use more ofe-mail for officially communicating the information needed, online reading etc.
- c. Minimize the usage of fertilizers and pesticides in college grounds, opting to the use of compost produced on site wherever possible.
- d. Ensure that all the cleaning products used by college staff have a negligible harmful impact on the environment.
- e. Use two types of bins separately for biodegradable and non-biodegradable wastes in the college campus as well as in hostels.
- f. Reusing the classroom furniture by altering them, thereby reducing the metal waste.
- g. Women washrooms are provided with incinerators to destroy sanitary napkins for easy disposal in an environmental friendly way. They are easily converted to ash and disposed.