

## GOVERNMENT DEGREE COLLEGE, BHUPALPALLY

(RUSA NEW MODEL DEGREE COLLEGE)

JAYASHANKAR BHUPALPALLY DIST., T.S - 506169

(Affiliated to Kakatiya University)

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### 7.1.2 The Institution has facilities for measures

- Alternate sources of energy and energy conservation measures
- Management of various types of degradable and non degradable waste
- Water conservation
- Green campus initiatives
- Disabled friendly, barrier environment

### ENVIRONMENT AND ENERGY USAGE

#### Preamble:

Energy is defined as capacity to do work. We require energy to meet our day-to-day activities. Energy in the form of electricity has a huge demand for domestic and industrial uses. Government Degree College requires electricity for lighting, laboratories, ICT facilities, computer laboratories, auditoriums, comforting equipment's, etc. 0.85 Kg of Carbon dioxide is produced for every 1KWh electricity produced. So aim at reduction in consumption of electricity reduces Carbon dioxide emission, which also reduces global warming.

#### Objectives:

- Reduce power consumption.
- Create indelible awareness regarding energy conservation and clean environment in all stakeholders.
- Promotion of outreach activities in neighborhood regarding energy conservation and clean environment.
- Mandatory periodic energy auditing.
- Aiming to zero discharge.

  
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Dist: Jayashankar Bhupalpally-506169



Mission:

- Insisting to switch of lights and fans when not in use. Sai
- Conducting awareness programs like guest lectures, quiz competitions , movies, street play's, poster making, short film making on energy conservation and clean environment,
- Installing solar power plant.
- Purchasing only five star rated electrical appliances.
- Accrediting energy conservation methods from stakeholders.
- Installing active vermicomposting pits.
- Encouraging stakeholders to use bicycles.
- Ban usage of plastic in college.
- Encouraging zero liquid discharge from college.

**This college is practicing following measures for energy conservation**

- ✓ Creating the habit of switching off lights and fans in class rooms and staff rooms when not in use.
- ✓ This college is using whatsapp groups for conveying notices to teachers and students.
- ✓ Solar power will be used to college power. This college is going to convert the power utilization from convention to non conventional.

**Management of various types of degradable and non degradable waste**

Government Degree College, Bhupalpally key operations has very less impact on the environment as the college is very conscious of generating less waste and recycling it by passing it through a system that enables the used material to be reused ensuring that less natural resources are consumed.

The college has segregated waste into three parts:

1. Solid Waste
2. Hazardous plastic Waste



  
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