



## **Waste/Energy Management contest**

**UBA CELL IIT PALAKKAD**



INDIAN INSTITUTE  
OF TECHNOLOGY  
**PALAKKAD**

A Waste/Energy Management contest was organised by the UBA Cell of IIT Palakkad in connection to the commemoration of the 151st Birth Anniversary of Mahatma Gandhi.

The details of the contest are as follows:

#### Introduction

Identify a problem related to the management of waste or energy at your home/locality and explain what is currently being done and demonstrate your new solution for the identified problem.

#### Presentation

The entries shall be submitted in the form of video (own) or pictures with a short write-up.

Details of the contest winner are attached with the poster below.

## WASTE/ENERGY MANAGEMENT CONTEST WINNERS

### FIRST PRIZE

**Akshay V. Mahida**

Second Year

M.Tech (Manufacturing and Materials Engineering)

#### Problem Identified

Problems caused by water hyacinth to navigation, irrigation and power generation, as well as the increased BOD level threats to aqua ecosystems.

#### Proposed Solution

Generate biogas from water hyacinth resulting in creating clean energy source and reducing harm to aquatic system.

### SECOND PRIZE

**R K Raj Surya**

Second Year

Btech (Mechanical Engineering)

#### Problem Identified

Improper reuse and disposal of wet waste.

#### Proposed Solution

Convert wet waste into bio gas independently in individual houses and hence use it as an alternative to LPG.



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