# YASHODA GIRLS' ARTS AND COMMERCE COLLEGE, NAGPUR



# 7.1 Key Indicator - 7.1 Institutional Values and Social Responsibilities

Environmental Consciousness and Sustainability and Divyangjan friendly initiatives

#### 7.1.2 The Institution has facilities and initiatives for:

Link of Policy Document of the Institution

Link:

https://yashodagirlscollege.edu.in/wp-content/uploads/2022/09/Green-Campus-Energy-and-Environment-Policy-Document.pdf

#### **Supporting Documents for**

7.1.2.1 Alternate sources of energy and energy conservation measures



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Generator for power back up as an alternate source of Energy





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## UPS attached to Computer for power back up as an alternate source of Energy





#### Brief Report on the facilities provided

The institution has Electric Power Generator available having the capacity of 25 KW. It works on diesel. The institution always uses this facility when there is a problem of power in the institution. This generator has been purchased by the institution from the UGC grants. Similarly, there are many UPS available in the institution especially in office and Library for Power Back Up. The UPS are very much useful for providing back up to the computers when the electric current gets off at once. The institution has a robust system for the maintenance of these equipments.



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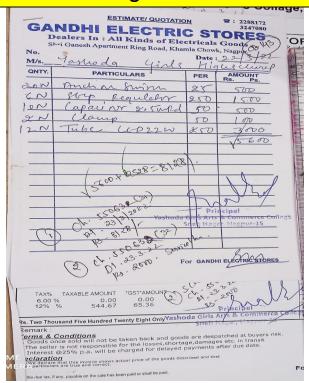
## Energy Conservation Measures - Old Tube-lights replaced with LED Tube-Lights





#### **Bill of Tube-lights Purchase**





#### Brief Report on the facilities provided

The institution has taken initiative for the replacement of the Old Tube-lights with the LED tube-lights for the very purpose of the conservation of Electric Energy. This move of the institution reduced the electric bill of the institution. Now almost all the tube-lights available in the institution are LED tube-lights.



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# Energy Conservation Measures – Old Computers and Desktops have been replaced with new Flat Monitors and computers as their electric consumption was too much.

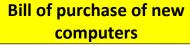
Photograph of Computer Lab with New Flat monitor

Computers with New Flat
Monitors in office of the
institution

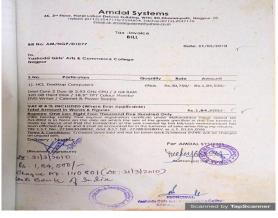




Photo of Old Computers and Desktops in Scrape as e-waste material







#### **Brief Report on the replacement of computers**

The institution has taken initiative for the replacement of the Old Computers and the desktops as they used to consume a lot of electric energy. With the advent of new technology the new computers with flat monitors became available and the institution decided to replace the old computers and desktops and purchased new computers with flat monitor the electric consumption of the new computers is very low. The old computers and desktops have been sold in scrape as e-waste material.



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### Automatic Overflow Control System installed as energy Conservation measure





#### Bill of purchase of Automatic Overflow Control System AQUACON SYSTEMS AND SERVICES 1, 'Suyash', Near Gayatri Bhojnalaya, Dharampeth, Nagpur-10, Ph: 0712-2542125, E-Mail: aquaconsystems@gmail.c DELIVERY MEMO GSTIN:27AGAPD1844M1ZH GST Composition scheme tax payer. Yashoda Girls' Arts & Commerce College DM No .: Sneh Nagar, Wardha Road, Nagpur 00834 Date: 30/12/2021 PO: Ph: Date: By: Sr. # Yogesh Items/ Description Qty Price Amount Aquatech Auto-Water Level 1 Indicator/ Controller EXECUTIVE-M\_Sub (2112160) 5,000.00 5,000.00 Ch. 021633 22 consos 5,000.00 ID: TYGD2112EXM001 Total: Five Thousand Only. Received above items in good condition.

#### Sneh Nagas - Nagour-15 Brief Report on the facility provided

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Yashoda Girlis Arts & Commerce College

The institution has taken initiative for the installation of the Automatic Overflow Control system not only to save water but also to save electric energy. Many times the water tank on the top floor used to become overflow. It used to waste not only water but also the electric power until it is switched off by the peons. In order to save water as well as the electric power this Automatic Overflow Control system has been installed and the institution is reaping benefits of this facility in the form of stoppage of wastage of water as well as electricity.



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#### Solar Paneled LED lights in the campus as alternate source of energy Electric Energy conservation



