



Nandurbar Taluka Vidhayak Samiti's
G. T. PATIL ARTS COMMERCE AND SCIENCE COLLEGE,
NANDURBAR – 425412
NAAC ACCREDITED 'A' GRADE
(Affiliated to KBC North Maharashtra University, Jalgaon)

Prof. V. S. Shrivastava
Principal

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Policy on Environment and Energy Usage

BACKGROUND:

It is indispensable to provide a protection to our environment from the pollution caused by the foolish power consumption. As a part of environmental strategy, the NTVS's G. T. P. Arts, Science and Commerce College, Nandurbar is dedicated toward sensible energy uses and shall practice energy efficiency throughout all the College utilities, premises, library, Gymnasium, health club, fitness center, Hostels, departments, and laboratories etc. by improving the cost effectiveness, adeptness and working conditions in the College.

OBJECTIVES:

NTVS's G. T. P. Arts, Science and Commerce College, Nandurbar have long term objectives to reduce the fossil fuel driven power consumption and enhance the use of renewable powered appliances; to migrate on the renewable powers to control the pollution and restrain the climate change effects. College is aiming to significant cut-down its energy consumption up to 2030. To achieve this goal the work has been progressed in order to advance the use of more energy efficient accessories at the common utilities.

PROPOSED ACTIONS ON ENERGY CONSERVATION:

- **Energy Audit:**

The consistent energy audit will be accomplished in the various establishments of the College, in order to have an accurate data regarding to the power consumption. In addition to that, auditor will identify the power leakage points, and as per auditors' suggestions appropriate measures will be introduced for energy conservation.





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• **Replacement of electrical appliances:**

There is quite a large number of high power consuming electrical appliances have been installed in the College premises. All these appliances like ceiling fans, tube lights and cooling systems etc. will replaced by high rating energy efficient appliances in time bound program.

- To gain control over energy consumption by reviewing and improving the day-to-day practices.
- Regular energy audit is required.
- Replacement of all the ceiling fans by BLDC motor fans.
- Replacement of power consuming tube lights with LED tubes/bulbs.
- Power efficient cooling systems (five-star rating air conditioners, water coolers etc).
- Efficient utilization of roof tops of the College buildings to generate maximum solar power.

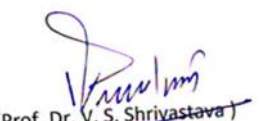
RESPONSIBILITIES:

- Constitution of committee responsible for ensuring efficient power savings.

ENVIRONMENTAL CONSERVATION:

- Operative solid and liquid waste management generated in various utilities of the College.
- Accompanying environmental awareness programs in the nearby area of College.
- Advancement of ecofriendly performs viz. paperless office, rainwater harvesting, no vehicle day etc. for environmental protection.
- Active participation of NSS volunteers in water conservation and environmental protection activities.
- Celebration of World Environmental Day/World Water Day/Earth Day to inculcate the awareness among the students to become environmental conscious citizen of India.
- Vermi-composting of garden waste generated on the College campus.




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