

ENERGY POLICY

**K. K. WAGH COLLEGE OF PHARMACY
HIRABAI HARIDAS VIDYANAGARI
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K. K. Wagh College of Pharmacy is one of the leading Pharmacy Institutions offering Pharmacy Education at UG level plays important role in development of Economy by providing quality Pharmacy professionals.

Our Mission is:

- Minimize Energy consumption by use of Energy efficient Equipment's and maximum Use of day light, natural ventilation and Energy substitution.
- Maximize use of renewable Energy.
- Create Awareness about Energy conservation.

This we plan to achieve:

- Manage efficiently utilization of Energy resources by use of cleaner and more efficient technologies.
- Train faculties, students, Industry professionals to make institute the pace setter in the area of Energy conservation.
- Promote awareness related with Energy conservation among various sections of society
- Enrich our experience on Energy conservation by exchange of ideas with other organisations
- Encourage faculty members to obtain certification as certified Energy auditors and Managers.
- Carry out regular internal energy audit to identify energy conservation opportunities
- Provide Expertise to industry and other organisations in the area of Energy management by offering Energy Audit Services.

Energy management Action Plan:

Improvement in Energy efficiency:

- Use of star labeled Equipment's such as Refrigerator, Air conditioners.
- Replacement of Conventional T836/40-watt florescent lamps by LED tube.
- Replacement of 150HPSY street light fixtures by 72W LED Street Light Fixtures.
- Use of TFT computer monitors.
- Replacement of conventional ceiling fans by BLOC ceiling Fans

Elimination of Energy wastages:

- Maximum use of natural day light for indoor illumination.
- Use of natural ventilation.
- Use of 'timer switches to street light control
- Use or timer switches in classroom
- Good Housekeeping practices.
- Fine tuning of temperature setting of Air conditioners and Water coolers

Energy Substitution:

- Use of solar water Heaters in place of Electric Geysers.
- Maximum Use of Renewable Energy: Grid inter active Solar PV systems at Roof tops

Energy Cost Optimization:

- Maximum demand optimization by adequate reactive power management.
- PF incentive by maintenance of Power factor above 0.995.
- Use of detuned RTPFC to eliminate risk of resonance.
- To Tariff benefits by operating flexible load during off Peak Period.
- Use of dual trigger RTPFC panel to optimize DG fuel consumption

Training and awareness programs:

- Conducting awareness program for staff and student.