



**Criteria 7 – INSTITUTIONAL VALUES AND BEST PRACTICES**

**SUPPORTING DOCUMENT FOR 7.1.3**

**Policy document on environment and energy usage Certificate from the auditing agency**

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# Baba Farid College of Engineering & Technology, Bathinda

## Policy document on Environment and Energy Usage

Principal  
Baba Farid College of Engineering & Technology  
BATHINDA.



## Policy Document on the Environment and Energy Usages

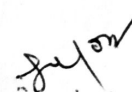
In Institute sustainable and eco-friendly practices are promoted through education and environmental friendly actions. By establishing sustainable solutions to the environmental, social, and economic requirements of humanity, the Live Green concept gives an institution the chance to take the lead in reinventing its environmental culture and generating new paradigms.

Greening the institute is all about eliminating inefficient waste, using conventional energy sources for daily power demands, treating garbage properly, buying eco-friendly products, and having a strong recycling programme. The Institute's administration is of the opinion that everyone must devise time-bound plans for putting into action green institute activities.

### B. Role of the Live- Green Initiative:

A successful Green institute must have a central driving force that spreads throughout the entire institute. Various plans to fulfil the live green dreams are:

- Seek views of all the Stakeholders to make the Live Green Institute initiative functional throughout the year.
- Conduct the Institute' environmental impacts to identify the targets for improvements.
- Establish a Green Institute Environmental Ethic Awareness campaigns.
- Set forth a Green Institute Mission and a Statement of Principles.
- Link Green-Institute activities to Academics in the Institute.
- Organize Awareness Programs for the students, faculty and society.
- Chart out a yearly planner for the Institute, local community and Stakeholders.
- Develop a strategic plan and create student teams to carry out specific tasks of the strategic plan. For instance, a plan to save energy at the institute level with time bound plan to install Solar Power Station mandatorily either at the top of Institute building or in open field. This will enable the institute to have 24x7 power supply.
- Phase out the CFL and conventional light source such as bulbs and tube lights, halogen and mercury street/institute lights and get them replace by the LEDs.
- Conduct an Annual Green, Environment and Energy Audit.
- Purchase only Energy Efficient Computers viz: "ENERGY STAR" or any other equivalent.
- Evaluate daily operations in terms of pollution prevention, waste stream management, and energy efficiency reducing, reusing, recycling, and repairing wherever possible.

  
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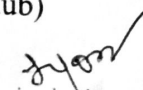


## C. Nurturing of "Save Energy Tips" in and outside the Institute:

- Activate power management features on your computer and monitor so that it will go into a low power "sleep" mode when you are not working on it.
- Turn off your monitor when you leave your Table.
- Activate power management features on your laser printer.
- Whenever possible, shut down rather than logging off.
- Turn off unnecessary lights and use daylight instead.
- Avoid the use of decorative lighting.
- Use LED or compact fluorescent bulbs.
- Keep lights off in conference rooms, classrooms, lecture halls when they are not in use.
- Use the fans only when they are needed.
- Unplug appliances not plugged into power strips (like TVs, Refrigerators, ACs, tea/coffeepots, printers, faxes, and chargers etc.)

## D. Major Green Institute Initiatives:

- Installation of Solar Power Station
- Waste water Management/ Rainwater harvesting
- Development of Sewage Water Treatment Plant
- Use of Micro-scale techniques
- Sensor based energy conservation
- Displayed poster on E-waste Management
- Maintenance of water bodies and distribution system in the institute
- MIS to make paperless administration
- Plastic free Institute
- Tree Plantation Drive
- Cleanliness Drive
- Landscaping and gardens
- Use of LEDs only
- Digital Library/ E-Learning Centre
- Organization of sensitization programmes for the stakeholders
- Establishment of Enviro-Club (ECO Club)

  
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- Green, Environment and Energy Audit conducted
- Restricted entry of automobiles

By appointing volunteers from the ECO Club, NSS & NCC cadets, and printing T-shirts/caps with the motto "Live Green Initiatives" specifically created for the purpose, the Institute will undertake all necessary steps to involve the students, instructors, and staff in "Live Green Initiatives."

LIVE GREEN

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Principal Baba Farid College of Engineering & technology  
Bathinda

Date: 29<sup>th</sup> April, 2021

## ***CERTIFICATION FOR ENERGY AUDIT***

***(April 2021)***

This is to certify that Eco Laboratories and Consultants Pvt. Ltd. (NABET, NABL and MoEF&CC approved for environmental management and testing services) has under taken "Energy Audit" for Baba Farid Vidyak Society, Muktsar Road, Bathinda Campus consisting Baba Farid College of Engineering & Technology, Baba Farid College, Baba Farid College of Management & Technology and Baba Farid College of Education in April 2021.

The Energy Audit includes the enrollment of Functional Area Experts (NABET approved), Electrical/ Electronics and Energy experts, testing laboratory (NABL and MoEF&CC accredited) and high end instrument/ equipment/ software (USEPA/TUV/CPCB certified).

We are thankful to the Management and Principal of the Institute for entrusting us to conduct their Energy Audit.

For Eco Laboratories and Consultants Pvt. Ltd.



**Dr. Rai Singh**  
Authorized Signatory

NABET approved FAE for AP, AQ, NV & RH)

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