



ENVIRONMENTAL & SUSTAINABILITY POLICY



Brainware University has taken a proactive approach to achieve the United Nations' Sustainable Development Goals (SDGs) by aligning its education, research, innovation and outreach activities for the well-being of future generations. The aims of the **Environmental and Sustainability Policy** is to create a world-class education system that produces socially responsible professionals who contribute to the development of sustainable communities.

2. Objective

- Reduce carbon emissions in the University
- Improve energy and water efficiency and reduce reliance on fossil fuels
- Protect the green nature, and ensure its sustenance
- Protect the environment by preventing pollution
- Upgrade the building infrastructure to improve energy efficiency
- To achieve 100% renewable energy campus
- Optimize reduction, reuse, recycling and disposal of waste, i.e. through an efficient Waste Management Policy
- Reduce the impacts of transport and travel and encourage sustainable alternatives
- Manage the use, storage and disposal of materials and e-materials to reduce environmental impact
- Manage the campus to protect and promote biodiversity
- Promote sustainable procurement, both internally and through the University's supply chains
- Communicate with staff, students and relevant interested parties and promote sustainable behaviours

3. Policy Statement

University is strongly committed to the energy and environmental sustainability.

The University thrusts upon initiatives to give importance to value addition among students through environment and sustainability related education through teaching learning process.

University is devoted to become sustainable green campus by adopting green building design through nature just development plan, optimal consumption of water substituted by rainwater recharge, green energy infrastructure, proper waste management policy.

Adoption of best practices, awareness, and immersion of technologies for day-to-day university functioning in water, energy and material consumption is tuned with university mission and vision to attain this goal.

This Environmental and Sustainability Policy provides a set of guidelines for the smooth operations of activities related with environment and sustainability.

4. Action Plan

- ❖ Phase-wise reduction of grid energy procurement by installation of Solar PV plants on roof-top and ground to ensure carbon neutrality in direct energy consumption.
- ❖ Energy efficiency in operation and management by incorporating LED lighting, efficient wiring, start rating instruments and appliances.



- ❖ Development of Bioenergy based energy production based on food waste to add up carbon neutrality university target.
- ❖ Green infrastructure development by incorporating design to reduce energy consumption and local and regional building code to reduce heat regime.
- ❖ Provision of wastewater treatment plant to recycle and reuse at appropriate places to reduce water dependence.
- ❖ Adoption of water infrastructure for rainwater harvesting and recharge to ensure 100% harvesting of rainwater to augment groundwater recharge, which is sole source of potable water.
- ❖ Nature based infrastructure development to promote natural drainage system, natural vegetation, and suitable plantation to maintain vegetation area.
- ❖ Promoting sustainable consumption practices to reduce waste by adopting paperless office operations, no single use plastics etc. This is supported by Waste Management Policy.
- ❖ The sync of concrete and green with grass-capitates playground and fringing decoration of trees.
- ❖ Develop and maintain the university landscape, open spaces and buildings of the University in an environmentally sensitive way, seeking to protect and enhance natural habitats and biodiversity.
- ❖ Encourage and facilitate sustainable modes of community transport to, from and ensure walkability within the University.
- ❖ Environment as a subject should be taught under different subject codes for diverse branches in different semesters in the University.
- ❖ Project work by final year students relating to environmental issues like climate change, water pollution, sewage treatment, air pollution, rain water harvesting, runoff modelling, flood prediction, green concrete, etc. and sustainability issues like energy conservation, environmental protection, use of natural resources, etc
- ❖ Regular awareness program through posters, models, PPT presentation, talks and seminars to create an understanding and awareness among all students to protect environment and promote an ecological balance. 'Tree plantation' and 'Clean India- Swachh Bharat Campaign' are the popular drives which should act as the document of this synthesis.
- ❖ Organize Induction Program for the 1st year students to provide a chance to interact with the local people, understand the local structure, background and environment.