

**BAHRIA UNIVERSITY**

**Discovering Knowledge**



**Health, Safety and Environment Policy**

**2021**



**Bahria University**  
**Head Office**  
**Islamabad**

### **LETTER OF PROMULGATION**

1. It goes without saying "The more you sweat in peace; the less you bleed in war". So is the case with safety. More safety conscious we are safer we are. Safety at Bahria University requires but one thing, the concern. If we look around our place of work with the spectacle of safety, we find numerous unsafe acts. As safety-concerned people, we are duty-bound to correct them. Without stopping here, we need to visualize what all can go wrong and how can we pre-empt an accident. In this Health, Safety and Environment (HSE) Policy, an endeavor has been made not only to formalize safety efforts but to involve all onboard in the safety of the University. We aim to provide a safe and secure environment for our pupils, faculty, staff and visitors. This HSE Policy ensures that we have in place effective procedures to enable us to achieve this aim. Therefore, the safety procedures will operate within the framework described in this policy. This document provides how we seek to improve safety. The management, faculty, staff and students jointly can achieve high standards of safety at our campuses.

2. Another very important feature of this policy is the wellbeing of Persons with Disabilities (PWDs). PWDs deserves our support to play a positive role in the society. All out efforts are to be made for the safety and wellbeing of PWDs.

3. The policy is to be read carefully and implemented in letter and spirit in our areas of responsibility.

4. The contents of this policy are bound to change with time, experience and environment. Therefore, continuous input from all quarters is welcomed to improve safety.

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// November 2021

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**CHAPTER 6****ENVIRONMENT PROTECTION**

6.1 **Importance.** Environment plays an important role in healthy living and the existence of human life. Earth is a home for different living species. We all are dependent on the environment for food, air, water, and other needs. Therefore, every individual needs to save and protect our environment. This chapter aims to formulate and implement policies that improve the environment at various Bahria University Campuses/ CUs. An attempt has been made to raise the level of understanding about the environment putting in place a framework where everyone joins hands to produce a healthy environment not only at BU but in various other places.

6.2 **Bahria University Environment Policy.** The Environment Policy sets the high-level objectives for the Environmental Management Plan which include:

- a. Minimizing the carbon/ environmental foot-prints via conservation of natural resources for future generations through improvements in energy efficiency.
- b. Developing effective material management (from raw to waste).
- c. Increasing awareness of environmental responsibility among staff, students and visitors to the University.
- d. Having an environmental management system that ensures the University complies with national environmental standards.
- e. Taking into account environmentally sustainable initiatives in new construction projects and renovations.
- f. Maintaining the University premises in an environmentally sensitive way, having regard to the protection of natural habitats and local wildlife.
- g. Promoting and encouraging sustainable forms of mass travel and transport by staff and students to reduce carbon emission.
- h. Striving to continually to improve the University's environmental performance.
- j. Ensure provision of clean and safe potable water at the university.

area. Indoor/outdoor plantation be encouraged to achieve better noise levels. Plant Factors that affect sound absorption:

- (1) Number of plants (the more the better)
- (2) Size of the plant(s)
- (3) Surface area of the leaves and of the plants themselves.

d. **Pollution Control Technology Management.** An aspect that should cover the areas like construction sites and experimentation laboratories using noxious chemicals, dust and biological agents. For this, exhaust hoods, local exhaust ventilation system, scrubbers and other engineering controls may be employed.

e. **Development of Parametric Periodic Monitoring.** An annual or biannual monitoring of air parameters (PM, gases) may be conducted to evaluate compliance with standard/ chosen level of environmental quality.

6.18 **Reducing Environmental Foot – Prints.** This significantly important aspect needs to be covered by means of the following pragmatic options,

a. **Mass Transit.** All campuses/CUs are to provide means of mass transit and discouraging use of private vehicles.

b. **Renewable Energy.** All campuses are to work out the option of utilising solar energy not only to cut the cost but to minimize carbon emissions. The campuses be gradually shifted to the solar energy.

c. **Annual Environmental Audits.** Calculation of environmental foot prints, cost benefit analysis be conducted by E&ES department and EMP be revised accordingly. Annual environmental audits for and of BU units be conducted annually.

6.19 **Roles and Responsibilities.** Each campus/ CUs shall be responsible to formulate and implement their EMP. Help from E&ES department may be sought as and when required. Department of Earth and Environment Sciences (E&ES) shall be responsible to monitor the implementation. Besides, E&ES department at Islamabad campus shall be the sponsoring directorate for keeping the instructions contained in this chapter up to date.

6.20 **Director Quality Assurance.** All campuses are to forward environment data to BUHO as and when required. Director Quality Assurance at BUHO shall be responsible for obtaining Green Matrix certification from Environment Protection Agency (EPA) for all campuses.

**CAMPUSES TREE PLANTATION 2021 TO 2022 For Reduction of  
Carbon Emission**

| CAMPUSES  | Mar 2021 |          | Sep 2021 |          | Mar 2022 |          | Aug 2022 |          |
|-----------|----------|----------|----------|----------|----------|----------|----------|----------|
|           | Target   | Achieved | Target   | Achieved | Target   | Achieved | Target   | Achieved |
| BUKC      | 3000     | 3600     | 500      | 500      | 700      | 730      | 200      | 200      |
| BUIC      | 5000     | 300      | 500      | 480      | 500      | 300      | 200      | 200      |
| BUM&DC    | 2000     | 50       | 200      | 200      | 200      | 200      | 100      | 100      |
| BULC      | 1000     | 50       | 100      | 100      | 200      | 250      | 100      | 100      |
| BUI- H 11 | 5000     | 70       | 500      | -        | 700      | 700      | 200      | 200      |
|           | 16000    | 4070     | 1800     | 1280     | 2300     | 2180     | 800      | 800      |

**CAMPUSES TREE PLANTATION 2021 TO 2022**

| CAMPUSES  | Mar- 2021   | Sep 21 | Mar- 22     | Sep 22 |
|-----------|-------------|--------|-------------|--------|
| BUKC      | 3600        | 500    | 730         | 200    |
| BUIC      | 300         | 480    | 300         | 200    |
| BUM&DC    | 50          | 200    | 200         | 100    |
| BULC      | 50          | 100    | 250         | 100    |
| BUI- H 11 | -           | 70     | 700         | 200    |
| Total     | <b>5350</b> |        | <b>2980</b> |        |