



## **Department of Environmental Science and Policy**

### **Department Five Year Research programmes 2025/30 developed in line with the Lahore School's Vision/Mission/Strategic Plan 2020-2030**

#### **1. Research Vision developed in line with the Lahore School's Vision/Mission/Strategic Plan 2020-2030**

- a. To carry out research to make Pakistan a pioneer and assist the international community in finding sustainable and equitable solutions in the field of environmental sciences

#### **2. Research Mission developed in line with the Lahore School's Vision/Mission/Strategic Plan 2020-2030**

- a. To carry out research to solve environmental problems at national and international level

#### **3. Research Objectives**

- a. To conduct pure and applied research in the field of environmental sciences for advancement of science as well as for solving the problems
- b. Collaborate with national and international institutions in order to create synergy

#### **4. Department/Institute/ Centre Five Year Research programmes 2025/30 developed in line with the Lahore School's Vision/Mission/Strategic Plan 2020-2030**

- a. To develop lab and acquire software relevant to the research to be carried out in the department
- b. Research in the field of Environmental Impact Assessment, Membrane Technology, Evolutionary Biology and Climate Change and POPs.

#### **5. Research Plan 2025/2030**

- a. To carry out research in conservational biodiversity at national and international level
- b. To study the impacts of climate change on threatened species of plants and animals in Pakistan and at global level
- c. Disease modelling of environmental insect vectors (Dengue and Tuberculosis)
- d. Techno-legal research in environmental practices and legislation