



**BHARATHIDASAN UNIVERSITY**  
**TIRUCHIRAPPALLI-620 024,**  
**Tamilnadu, India**

**Programme : Bachelor of Physical Education**

**Course Title: HEALTH EDUCATION AND  
ENVIRONMENTAL STUDIES**

**Course Code : 21BPE13**

**Unit -V**

**Introduction of Health Education**

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**Guest Lecturer**

**Department of Physical Education and Yoga**

# CLIMATIC FACTOR

- The natural condition that influences the climate of a particular area.
- These factors shape the overall weather patterns and long-term climate trends experienced in a region, impacting temperature, rainfall, wind, and humidity. Climatic factors include elements like temperature, precipitation, wind, and sunlight.
- Together, they determine the unique climate characteristics of regions, influencing ecosystems, agriculture, and human activities.

# SOLAR RADIATION

- Solar radiation is the energy emitted by the Sun in the form of electromagnetic waves, including visible light, ultraviolet, and infrared radiation.
- It is the primary source of energy for Earth's climate system, driving temperature, weather patterns, and supporting photosynthesis in plants.
- Solar radiation's intensity and duration vary depending on factors like latitude, time of year, time of day, and atmospheric conditions.

# Role of (PCB)

- A Pollution Control Board (PCB) is an official regulatory body responsible for monitoring, managing, and controlling pollution levels to protect public health and the environment.
- In many countries, pollution control boards operate at national and regional levels to enforce environmental laws, set pollution standards, and oversee compliance by industries, businesses, and other entities.