

# World Soil Day

13<sup>th</sup> December 2023

## Objective

To Create Awareness About Soil Depletion and Conservation

## Description

Plants are important part of our ecosystem, whether it in terms of fulfilling our dietary requirements or providing other resources to the living beings, plants serve their crucial role. All living organisms be it herbivores, carnivores or omnivores all are dependent on plants to complete their food chain. Plants provide shelter to several living organisms. The air we breathe which is the basic necessity to maintain life, is balanced by plants. Materials like gum, rubber, paper, wood etc. are all served by plants. The importance of plants in ecosystem can't be expressed in few sentences, however to cultivate and maintain plants sunlight, water and soil few necessities among which soil is one of the crucial element which is highly impactful in terms of effecting growth and quality of the produce, there are different types of soil like loamy, sandy and clayey soil; these types of soil have their different qualities like grain size, binding ability, water holding capacity etc., theses all qualities directly impact the type of cultivation. As we can easily notice out in today's world the green areas are continuously replaced by concrete jungles and in those jungles when we try to plant trees in planters, it become difficult to raise them and maintain them. This all occurs due to bad quality of soil. Several activities of ours like land pollution, frequent grazing, slash and burn etc. depletes the soil and to maintain the life it f high importance to conserve soil. Soil formation take a huge period, however depletion takes few days to occur, that could directly impact the crop produce of a country and economy too. To sensitize the students with same issue, Banarsidas Chandiwala Institute of Physiotherapy, New Delhi, created an awareness video on the occasion of world soil day to create awareness on this sensitive issue in students and society.

