

Preface

Human beings are predominantly dependent on plants for their survival. They are crucial to the future of human society as they are the primary source for food, oxygen, medicine, and other material products. Hence it can be said that the study of plants, or Botany, is important as it is a step towards understanding nature that supports all forms of life and moreover, to help improve the conditions of human existence.

Botany is the study of plant life and is a part of biology. It first originated as herbalism, one of the oldest branches of science, where man's interaction with and study of plants was merely limited to the spheres of food and medicine. It was with the emergence of botanical gardens that the study of plants took an academic turn. Since then the study of plants has expanded manifold with the advancements in the techniques of research using genetic analysis and DNA sequences to help classify plants more accurately.

The book's aim is to engage in the importance of plants in the survival of beings as the primary producers of oxygen, water, energy, carbon. Additionally, it will be addressing various environmental concerns and how botany can help tackle them.

This book is a product of the combined efforts of many researchers and scientists. I would like to thank them all for their contribution. I would also like to thank my publisher for the constant support and trust in me.

Editor