

Exploring the Scope of Medicinal Plants to Save Lives

Mohammad Zashim Uddin

University of Dhaka, Bangladesh

Abstract

The analysis of medicinal plants has had a long history, and especially with regard to assessing a plant's quality. The first techniques were organoleptic using the physical senses of taste, smell, and appearance. Then gradually these led on to more advanced instrumental techniques. Though different countries have their own traditional medicines China currently leads the way in terms of the number of publications focused on medicinal plant analysis and number of inclusions in their Pharmacopoeia. The analysis of medicinal plants has had a long history, and especially with regard to assessing a plant's quality. The first techniques were organoleptic using the physical senses of taste, smell, and appearance. Then gradually these led on to more advanced instrumental techniques. Though different countries have their own traditional medicines China currently leads the way in terms of the number of publications focused on medicinal plant analysis and number of inclusions in their Pharmacopoeia Refinements in technology have resulted in the ability to analyze and categorize plants effectively and be able to detect contaminants and adulterants occurring at very low levels..

Biography

Dr. Mohammad Zashim Uddin has been working as a Professor since 2013 in the Department of Botany, University of Dhaka, Bangladesh and supervised 36 MS research students and one PhD Researcher and presently guiding two M. Phil. and two MS research students. He teaches Plant Taxonomy, Ethnobotany and Conservation Biology of tropical biodiversity. By this time, he has been published 80 research articles/books/book parts in different national and international scientific journals. His Research Gate

(RG) point is 23.19, research reads 32364 and citations 924. Currently Dr. Zashim has been served as a General Secretary of Bangladesh Association of Plant Taxonomists, Treasurer and editorial board member of Bangladesh Botanical Society and journal, and Convener of Bangladesh Botany Olympiad. He is also advisory committee member of Nature and Life Foundation of Channel I (Popular Television Channel). Dr. Zashim involved with many scientific affiliated bodies national.

Received: April 11, 2022; **Accepted:** April 19, 2022; **Published:** April 28, 2022