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Phytochemical analysis of some medicinally important indigenous plants

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Medicinal plants contain bioactive components which are useful in the treatment of various diseases in human beings as well as play important role in healing. Phytochemicals may be broadly categorised into two categories: (a) primary constituents and (b) secondary constituents. The primary constituents include sugars, proteins, amino acids and chlorophyll. The secondary constituents are mainly terpenoids and alkaloids. Plants of medicinal importance have antifungal, antibacterial and anti-inflammatory properties. The objective of the present research work was to ascertain the presence or absence of the major phytochemical constituents in the selected plants of Leguminosae and Convolvulaceae families. The results of the phytochemical analysis of these plants showed the presence of important components which have different medicinal effects. The phytochemical analysis of plants has lot of commercial importance also as these may be further exploited on large scale in manufacturing drugs for the cure of various diseases.

Biography

Vasundhara Srivastava did her MSc in Chemistry in 1998 from University of Allahabad. She obtained her DPhil Degree in the year 2003 also from the same university. She has more than 13 years of teaching experience at Undergraduate and Post-Graduate levels. She has published 07 research papers in international and national journals of repute. For the last 10 years, she is teaching in Amity University, Noida, Uttar Pradesh.

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