

SCREENING OF PHYTOCHEMICAL COMPOUNDS PRESENT IN ETHANO MEDICINAL PLANT FROM ACANTHACEAE FAMILY: A SHORT REVIEW

¹Dr. Indrani Bhattacharya, ²Raj Nandasana, ³Shreya Vora

¹Assistant Professor, ²Student, ³Assistant Professor,

¹Parul Institute of Applied Sciences, Parul University, Vadodara, Gujarat.

ABSTRACT

The present study is describes the phytochemical test and antibacterial activity of andrographis paniculata. Andrographis paniculata is commonly known as “Kalmegh” and “King of better”. Andrographis paniculata is belongs to the family of Acanthaceae. This plant is used in a treatment for example common cold, diarrhoea, fever, etc. The phytochemical testing is used to show a protein, sugars, gum, flavonoids, quinones, alkaloids, tannins, and triterpenoids. In the present study of the aqueous and methanol extracts of the leaves of andrographis paniculata were studied for their antibacterial activity by agar well diffusion method against gram positive and gram negative bacteria as well as against fungi. The use of plant extract with known antimicrobial properties can be of significance for treatment.

IndexTerms: *Andrographis paniculata, Acanthaceae, Phytochemical compound, antimicrobial activity.*

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