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Phytochemical and pharmacological studies of *Trichodesma indicum*, (Family: Boraginaceae)

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Introduction: *Trichodesma indica* (Boraginaceae) aerial parts is commonly used in the traditional systems of medicine against various ailments like urinary tract disorders, skin irritations, worm disturbances as a component in health tonic preparation etc.

Objectives: The present study gives first insight of anti-microbial, anthelmintic, anti-oxidant properties and preliminary phytochemical analysis of the aerial parts of *Trichodesma indica*.

Methodology: All the analysis was done according to standard protocols.

Results: The ethanolic extract produced significant anti-bacterial, anti-fungal and anthelmintic properties in a dose-dependent manner. Preliminary phytochemical screening revealed the presence of alkaloids, steroids, flavonoids, tannins and phenols that may be the reason for its biological properties.

Conclusion: This paper reporting the medicinal property of *Trichodesma indica* aerial parts and the further procedures of identification and isolation of active principles are in progress.

Biography

Shubham A Ukarande is currently pursuing BPharm from Government College of Pharmacy, Ahmedabad.

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