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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

Mamta S Deshmukh is currently pursuing BPharm from Government College of Pharmacy, Aurangabad. She has participated in a poster competition in NPW-2015.

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