Souvenir & Abstrcts

National Level Conference on

SCIENTIFIC INPUT, TECHNOLOGICAL ADVANCEMENT AND WOMEN EMPOWERMENT FOR SUSTAINABLE DEVELOPMENT

2nd & 3rd February 2023



Sponsored by

INDIAN SCIENCE CONGRESS ASSOCIATION (ISCA)

KOLKATA

Jointly Organized by

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COIMBATORE CHAPTER

&

KONGUNADU ARTS AND SCIENCE COLLEGE

(Autonomous), Coimbatore

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KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

College of Excellence (UGC)

Coimbatore – 641 029, Tamil Nadu

Venue

Kongunadu Arts and Science College (Autonomous)

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PHARMACOGNOSTICAL, PHYTOCHEMICAL AND ANATOMICAL EVALUTION OF *CRATEVA RELIGIOSA* G.FORST

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Abstract

The pharmacognostical, Phytochemical and anatomical characterisation of a medicinal plant is considered to be most important parameter to evaluate and characterise the plant species before making a herbal drug. The present study was carried out on important medicinal plant *Crateva religiosa* G. Forst of Capparidaceae family was made to understand the organoleptic, phytochemical and pharmacognostical characters clearly shows the characteristic features of the plant powders and reactions with various chemical and colour change in appearance was noted to understand the foreign substance presence and absence microscopically. The important phytochemicals such as Alkaloids, Steroids, Terpenoids Flavonoids, Coumarins, Saponins, Glycosides, Phenols and Tannins were found to be present in methanolic extract. The present study clearly shows promising nature of medicinal plant with all important parameters for an herbal drug manufacturing industry.

Keywords: Phytochemicals, pharmacognosy, alkaloids, flavonoids