Pharmacognostic, Phytochemical Investigation of *Ficus bengalensis* Linn.Bark

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Abstract : The bark of *Ficus bengalensis* Linn. belongs to Family Moraceae is very effective in diabetes, nervous disorders, ulcers and skin diseases and also important ingredient in various ayurvedic and traditional formulations. The bark of *Ficus bengalensis* Linn. is most of times adultrated with other species of *Ficus* because of less knowledge of identification. Hence the detailed pharmacognostic, phytochemical evaluation based on morphological, microscopical and standardization parameters like foreign organic matter, moisture content, total ash, water soluble ash, acid insoluble ash, foaming index, alcohol soluble extractive value and water soluble extractive value were carried out for the quality and identity of the drug. The preliminary phytochemical investigations of the Hydro-alcoholic extract of *Ficus bengalensis* Linn.bark shows the presence of major constituents like flavonoids, tannins, carbohydrates, saponinand steroids. The isolated saponin derivatives characterized by using UV and FTIR techniques.

Key words : Pharmacognostic, Phytochemical, *Ficus bengalensis* Linn.

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