

PHARMACOGNOSTICAL STUDIES OF THE FRUIT AND ROOT OF *FICUS RACEMOSA*

RITU MISHRA¹*, ASHOK KUMAR TIWARI¹, SUSHMA SINGH¹ and R.C. TRIPATHI²

¹JRD Tata Foundation for Research In Ayurveda and Yoga Sci. Deendayal Research Institute, Chitrakoot, Satna (M.P.).

²Department of Biological Sci., Faculty of Sci. and Env. M.G. Chitrakoot Gramodaya Vishvidyalaya, Chitrakoot, Satna (M.P.).

ABSTRACT : Present study deals with the scientific validation of *Ficus racemosa* Linn. with special reference to its pharmacognostical and phytochemical investigations. This is commonly known as gular, fig and is known to have medicinal properties, also even used as home remedies in the rural and the remotest parts of the India. The fruit of *Ficus racemosa* Linn. is medicinally more used for the treatment of diabetes, diarrhoea, dyspepsia, menorrhagia, haemoptysis, intrinsic haemorrhage, excessive thirst, visceral obstructions. Root is used in diabetes and usefully applied in cases of mumps and other inflammatory glandular enlargements. Therefore an attempt has been made to carried out the detailed quality control and assurance of the drug followed by HPTLC profiles, botanical identification, physico-chemical analysis, preliminary phytochemical studies and microbial screening of drug to get authentic therapeutic value.

Key words : *Pharmacognostical studies, Ficus racemosa, Microbial screening, HPTLC.*