

PHARMACOGNOSTIC STUDIES ON THE LEAVES OF *MURRAYA KOENIGII* (L.) SPRENG

Vijeta, D.K. Jain and Rajat Rashmi *

Department of Botany, Meerut College, Meerut - 250001

**Homeopathic Pharmacopeia Lab, Department of Ayush, Ministry of Health & Family welfare, Govt. of India, Kamla Nehru Nagar, Ghaziabad - 201001*

Abstract: *Murraya Koenigi* (L.) (Mithaneem) spreng of family, Rutaceae is an important medicinal Plant that has many therapeutic values and contain crystalline glucoside, koenigin, murrayin and resin. The leaves are used as anti-dysentric, anti-vomiting, anti-bacterial, stomachic purposes, anti-inflammatory, anti-feedant. Pharmacognostical studies including macromorphological and microscopic characters such as Palisade ratio, stomatal number, stomatal index, vein-islet number, veinlet termination numbers, histochemical colour reaction, fluorescence behaviour, extractive values and loss of drying were studied.

Keywords: Pharmacognostic, *Murraya Koenigii*, Rutaceae

REFERENCES

Cromwell BT, Paech and MV Tracey (1955) *Modern Methods of Plant Analysis*, Vol.-4, Springer Verlag, Berlin, Heidelberg.
IP (1966) *Pharmacopoeia of India* Govt. Of India, Ministry of Health, Delhi.

Johansen DA (1940) *Plant Microtechnique* MC. Graw Hill Book Co. New York.

Purohit SS and Vyas SP (2004) *Medicinal plant cultivation, A scientific approach* 484-486.

Trease GC and WV Evans (1983). *Pharmacognosy* 12th Edition. Bailliere, London.

Youngken HW (1951). *Pharmaceutical Botany* 7th Edition. Blackiston Company, Toronto.