PHARMACOGNOSTICAL AND TAXONOMICAL STUDIES OF CASSIA AURICULATA L. (FAMILY- CAESALPINIACEAE)

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ABSTRACT

In recent times, focus on plant research has increased all over the world and a large body of evidence has collected to show immense potential of medicinal plants used in various traditional systems. Over the last few years, researchers have aimed at identifying and validating plant derived substances for the treatment of various diseases. Similarlyithas been already proved that the correct identification and authentication of taxa is most important in plants science. The Cassia auriculataLinn is another Indian plant, which has enormous traditional uses against various diseases. The present review aims to Morphological as well as anatomical review of Cassia auriculataLinn. Generated through the research activity using modern scientific approaches and innovative scientific tools.

Pharmacognosy is the study of drugs of natural origin the term comes from two Greek words "Pharmakon" meaning drug or medicine and "Gnosis" meaning knowledge. Pharmacognosy can also be designed as in the study of we physical, chemical, biochemical, Biochemical properties of drug, drug substance are potential drug of natural origin as well as the search from new drugs from natural resources.

The study of traditional human uses of plant is recognised as a reflective to discover the feature medicine in 2001 researcher identical 122 compound used in modern medicine which were derived from ethno-medicinal plant resources, 80% of these have been on ethno-medicinal use identical or related to the current use of active element of the plant.

INTRODUCTION

C. auriculata (Family: Caesalpinaceae) is a common plant in Asia, profoundly used in Ayurvedic medicine as a tonic, astringent and as a remedy for Diabetes, Conjunctivitis and opthalmia.5 It is one of the principle constituents of 'Avaaraipanchagachooranam'- an Indian herbal formulation used in the treatment of diabetes to control the blood sugar level.