

**GOVERNMENT DEGREE COLLEGE,**

**CHENNOOR**

**DIST:- MANCHERIAL ,**

**STATE:- TELANGANA.**

**DEPARTMENT OF BOTANY**

**STUDENT STUDY**

**PROJECT 2022-23**

**ABSTRACT**

**GOVERNMENT DEGREE COLLEGE,CHENNOOR**  
**DIST:- MANCHERIAL ,STATE:- TELANGANA.**

**DEPARTMENT OF BOTANY**

**STUDENT STUDY PROJECT 2022-23**

**ON**

**Comprehensive study on medicinal plants used by  
mannevar and Koya tribals at pranahitha in  
mancheriyal District,Telangana**

**Under the guidance of**

**K.jagpal**

**Lecturer in botany**

- |              |                            |
|--------------|----------------------------|
| 1. 051223007 | D. BHAVANA BZC –II YEAR    |
| 2. 051223024 | O . SAHITHYA BZC –II YEAR  |
| 3. 051223026 | S. SHRAVYA BZC –II YEAR    |
| 4. 051223204 | CH.MAHESHWARI BZC –II YEAR |
| 5. 051223213 | T. PRAVALIKA BZC –II YEAR  |

# Comprehensive study on medicinal plants used by mannevar and Koya tribals at pranahitha in mancheriyal District,Telangana

## **INTRODUCTION:**

- ❖ The term “medicinal plant” include various types of plants used in herbal medicine. It is the use of plants for medicinal purposes, and the study of such uses.
- ❖ The ancient scholars only believed that herbs are only solutions to cure a number of health related problems and diseases. They conducted thorough study about the same, experimented to arrive at accurate conclusions about the efficacy of different herbs that have medicinal value. Most of the drugs, thus formulated, are free of side effects or reactions

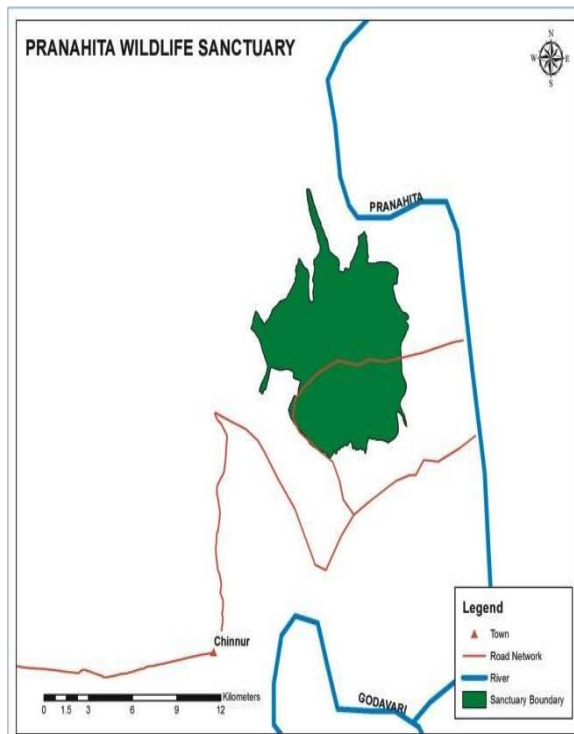
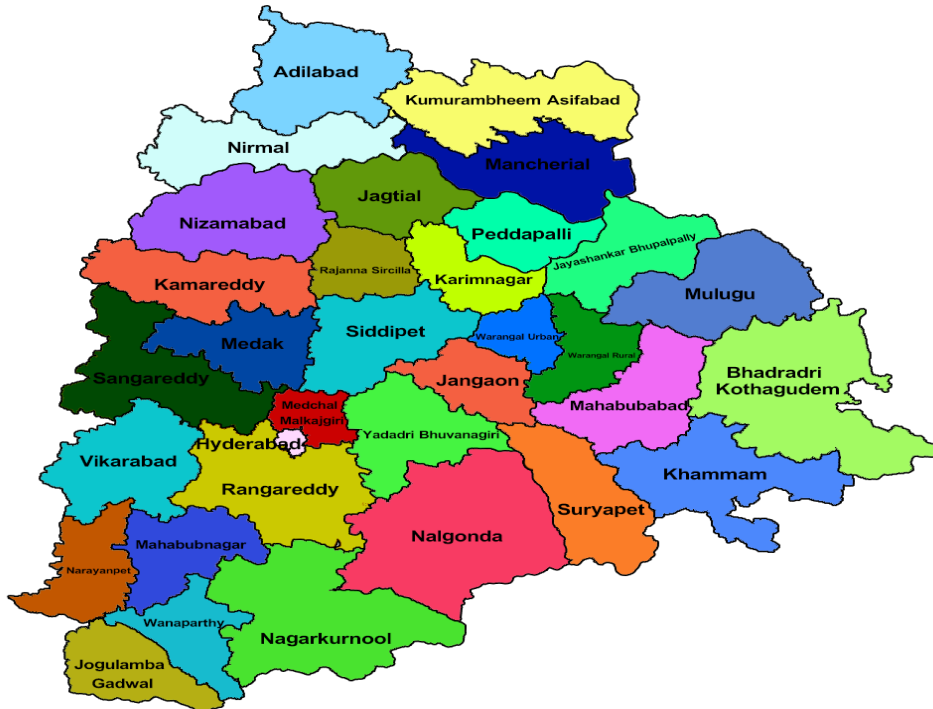
### ❖ Mancherial District:

- ❖ Mancherial is located in the Northen region of the Indian state of Telangana.
- ❖ It was the part of the Adilabad District prior to the re organization of districts.
- ❖ It is surrounded by Asifabad (North side), Gadchiroli(East side) Nirmal(West) and Peddapally (South) .
- ❖ It is located between longitudes 18° 52' 0.12" N & Longitude :79 ° 45 “ 57.42 "
- ❖ Mancherial District spread over 4056.36Km<sup>2</sup> area
- ❖ The comprises eighteen mandals and two revenue divisions.(Mancherial and Bellampally)
- ❖ Godavari and Pranahitha wild life sancutaries ate located im the mancherial District.

### ❖ Pranahitha Wild life Sanctuary:

- ❖ Pranahitha was established on 13 March 1980, and covers an area of 136.02 km<sup>2</sup>. Pranahitha is a southern tropical dry deciduous forest with dry shrub jungle and grasslands.
- ❖ The pranahitha river, A tributary of River Godavry flow this beautiful sanctuaryl,It is a hilly and raising and falooimg forest with of platean and grassland, situated on the banks of the pranahitha
- ❖ It is an area covers about 136 Sq,Kms and is full of lush and dark teak forest

❖ The sanctuary is rich natural vegetation and different plants and trees



## **2.AIMS & OBJECTIVES:**

### **AIMS:**

- ❖ The Aim of this work is comprehensive Study On Medicinal Plants Used By Mannevar and Koya tribals Around the Area of pranahitha in Mancheriyal District,Telangana.

### **OBJECTIVES:**

- ❖ To study the vegetation of pranahitha wild life sanctuary , Mancherial district.
- ❖ Listing of species present in pranahitha wild life sanctuary area.
- ❖ To identify the medicinal plants present in the study areas.
- ❖ To find out the medicinal plant species to record new species.

## **3.REVIEW OF LITERATURE:**

- ❖ The literature is reviewed through google, Wikipedia & relevant references were noted down.
- ❖ Telugu academy textbooks.

## **4.RESEARCH METHADODOLOGY:**

- ❖ Field Visits (Collection of medicinal plants season wise)
- ❖ The data collection through the questionnaires, discussions with tribal people and local persons
- ❖ Preparation of herbarium.

## 5.ANALYSIS OF DATA:

- ❖ Field visited
- ❖ Went to Mannevar and koya people and inquiry about the medicinal plants which are used by them for different health hazards.
- ❖ Collected the some medicinal plants at pranahitha wild life sanctuary .
- ❖ Notified some medicinal properties of collected plants with the help of tribal people.

## 6.FINDINGS:

### MEDICINAL PLANT-I



- ❖ : Name of the Plant: Dumpidi (Common name)
- ❖ Scientific name :Lannea crmandalica
- ❖ Family: Anacardiaceae
- ❖ Perennial Tree

- ❖ Parts are used in the Plant : Stem, Bark
- ❖ Medicinal properties: Diabete,Ulers,wound healing.

## MEDICINAL PLANT-II



- ❖ Name of the Plant: Gummaditeku (Common name)
- ❖ Scientific name:Gmelina arborea
- ❖ Family:Lamiaceae
- ❖ Perennial Tree
- ❖ Parts are used in the Plant : Stem, Bark
- ❖ Medicinal properties:
- ❖ Raasagadda, Thodamangeru.

### MEDICINAL PLANT-III



- ❖ Name of the Plant:Chittivelukachettu(Common name)
- ❖ Scientific name:Gardenia turgida
- ❖ Family:Rubiaceae
- ❖ Perennial Tree
- ❖ Parts are used in the Plant : Stem, Bark
- ❖ Medicinal properties: Used for Control of WhiteDischarge

### MEDICINAL PLANT-IV





❖ Name of the Plant: Thapasi (Common name)

❖ Scientific name: Sterculia urens

❖ Family: Malvaceae

❖ Perennial Tree

❖ Parts are used in the Plant : Stem, Bark

❖ Medicinal properties: Natural Gum.

## **7.CONCLUSIONS :**

❖ identify the medicinal plants present in the study areas.

❖ Medicinal plants collections & preserve in herbarium.

❖ Medicinal plants used in different diseases.

❖ Acquired knowledge in rural people through discussion.