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## Ethnobotanical Uses of Some Less-Known Medicinal Plants used by Adivasi Tribes of Asifabad mandal Adilabad District, Telangana State, India

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#### Keywords:

Ethnobotanical, medicinal plants **Corresponding Author-**Lalitha Kumari B E-mail: lalitharadhabandaru@gmail.com Department of Botany, Kakatiya University, Warangal-506009, Telangana State, India **ABSTRACT:** Ethno medicinal survey in Asifabad Adilabad District, Telangana State, which is mainly occupied by Adivasi tribes revealed that some less known medicinally important plants were used by traditional healers (ages between 40-80 years). In the present study, local name, scientific name, Sanskrit name, family, habit, useful parts have been of the less known medicinally important plants has been employed. Ethno botanical studies were conducted particularly in isolated and dense forest where the adivasi tribal community (Naikpod, Gond, kolan, Yerukala etc.) inhabit. Their cestrum's and rituals during the ethno botanical studies of the area local by traditional healers belonging to the adivasi tribes were first visited, identified and gathered. Information on different plants used as medicine was recorded by direct observation, casual interview and structured questioner was gathered.

In the present study, a number of plants which are used by adivasi tribes of Asifabad Adilabad (District), Telangana (State), India for treatment of different disease has been documented. The present study is based on the concept of "a plant for cure of a common disease". For example a single plant was selected for common ailments like cough, wounds, common cold, fever, jaundices and joint pains, diarrhea, stomach ache, etc.. Among these plants, some species are cultivated and species are collected from the forest. From the present analysis and investigation plant parts are used roots, stem, bark, leaves, seeds and flowers.

The present study concludes that, the tribes of Asifabad mandal used the pharmacognostic values of these plants. Such proven plant species may be used in the formulation of new drugs against different ailments. Hence, there is great need of cultivation and conservation of such ethnomedicinal plants and at the same time *IJPPR (2017), Vol. 8, Issue 4* there is an immediate need of indigenous practices,

*Review Article* knowledge of such plant resources and documentation.

### 1. Introduction:

India has 15 agro climatic zones, 47000 different plants species and 15000 medicinal plants. India one among 12 mega bio diverse country of the world and despite having only 2.5% of total land area the country accounts for our 8% of the recorded species of the world. The Indian system of the medicine have identified 1500 medicinal plants, of which 500 species are commonly used in the preparation of Indian system of the medicine drug <sup>3,4,5</sup>. In India 461 tribes 92% lives in forest area. Herbal remedies and gentler, safer products to deal with the prevention of ill health and the promotion of good health India with its diversified biodiversity has tremendous potential and a natural advantage in this emerging area. <sup>6,7,8</sup>

#### 2. Characteristics of the study area:

Asifabad mandal 119 km from Adilabad District, Telangana State. Geographical area 9% land area 1.9 lakhs hectares, which lies between 19° 21′ 30.6360" N latitude and 79° 17′ 2.9400" E longitudes. Tribal population is dominated by *Gond*(51%), *Kolan*(8%), *Pardan, Naikpad, Sanare, Jatepu, Andth, Porje.* The flora is endowed with rich diversity of medicinal plants which are used by common people of the region the region have large number of plant species with wide range of diversity and distribution.<sup>1,2</sup>

#### 3. Methodology:

During the field survey, ethno medicinal plants were collected from Asifabad mandal , Adilabad district , the area were visited annually 3-4 times during year 2015-2016. The plants collected from field survey and preserved in herbaria. Traditional healers were interviewed about medicinal uses of plants. The standard method of ethno botanical studies were followed Jain SK 1991<sup>10,11,12,13</sup>. During the field survey the tribals were contacted and taken to field for collecting details information about medicinal plant, local names and plant parts used methods of preparation of herbal medicine and approximate dosage of administration collected data were recorded in the field note book and herbarium were prepared.<sup>14,15</sup>

#### 3. Result and Discussion:

The present study was to collect medicinal plants( climber, herbs, shrub, medium tree, big tree) used in traditional medicine, in Asifabad Mandal, Adilabad district Telangana, India. During the survey, plant and plant parts(Root, Rhizome, Stem, Leaf, Flower, Fruit, Seed) used as medicine for the treatment of various ailments like cold, cough, fever, Diarrhoea, Jaundices, Arthritis pains, aliments have been documented and presented in table-1.

S.	Scientific	Vernacular	Mode of	
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			high cold &	
			cough. Daily 2 times	
			(morning &	
			evening) for 2	
			days.	
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	olanaceae		cough,	
			asthma.	
3	Androraphi	Nela vemu /	Whole plant	
	S	Herb	decoction in	
	panticnlata		need for	
	wall.ex		cough.	
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4	Zingiber	Allam /	Rhizome	
	officimale /	Rhizome	decoction	
			with honey	

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Revi	ew Article				
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Plants used for Arthritis Pains:					
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#### 4. Conclusion:

The present investigation is an attempt to document important traditional herbal formulations used by traditional practitioners for the treatment of various ailments and diseases.

### Acknowledgement:

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### **Conflict of interest:**

There is no conflict of interest between the authors.

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