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CERTIFICATE

Certified that the dissertation entitled "Ethnomedicinal plants of India use for treatment of skin diseases:A brief review" has been carried out entirely by Tanaya Chowdhury, student of SEMVI, B.Sc(Gen) in the Department of Botany, MUC Women's College, Burdwan University, Purba Bardhaman under my supervision. It is further certified that the candidate has fulfilled all the conditions necessary for the partial fulfillment of her B. SC (Gen) degree achievement under this University and this work has not been submitted anywhere for any other degree to the best of my knowledge.

Place -Purba Burdwan

Date -16/08/2023

Dr. Irani Biswas

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Ta Place - Purba Burdwan

Tanaya Chowdhury

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INTRODUCTION

India has a long tradition of using medicinal plants and herbal medicines to cure human illness. For the majority of our population in rural and tribal areas, medicinal plants are the only readily accessible health care option. Tribal life, tradition and culture have remained nearly unchanged for hundred of years. Ethno-Botany is the study of direct relationship between man & plants, plants continue to be a major source of world pharmaceuticals and folk lore medicines, which are widely used to treat a number of skin diseases. Due to poor sanitary conditions, insufficient sanitation and polluted water, skin diseases are widespread among the rural population. Traditional herbal medicines which are used by various cultures are effective in treating certain skin diseases. They are safe, reliable and accessible, and in many situations they are the only choice for care. Tribes and forest dwellers make up a significant portion of the population in Madhya Pradesh. A significant number of tribal peoples live in the forests most isolated and inaccessible areas. The majority of these tribal groups depend on plant species to treat their ailments.

Human skin, the outer covering of the body, is the largest organ in the body. Which constitutes the first line of defense.

Skin diseases are most common form of infections occurring in all ages of people.

People deficient in essential nutrients such as betacarotene, the B complex vitamins and vitamins C and E often suffer from the drying of the skin.

Because skin interferes with the environment, it plays a key role in protecting against pathogens. And excessive water loss. Its other functions are insulation, temperatures regulation, sensation, storage and synthesis of vitamin D by action of ultraviolet (UV) and the protection of vitamin B folates, absorption of oxygen and drugs and water resistance.

Skin disease is a common ailment and it affects all ages from the neonate to the elderly and harm in number of ways. There are more than a thousand conditions that may affect the skin most skin diseases can be categorized into nine common types.

More than 80% people in India depend on traditional products for curing skin related problems like itch, ringworm, scabies, eczema, leucoderma, leprosy, pimple, psoriasis, heal-crack, dry and cracky skin, unhealthy skin, chicken pox, small pox, tinea infection, fungal infection, redness of the skin, unwanted spots, skin eruptions, and black spots. Most of the people of the world live in villages and most of them suffer from various skin diseases. The present paper is a review on enlistment of numerous ethnomedicinal plants present in different parts of India for curing different skin ailments which are obtained through literature survey of various research papers. Published by different researchers. The paper also throws light on the various marketed formulations/preparation that have been applied as remedy for skin diseases

OBJECTIVES

- * The aim of this study was to popularise the ethnomedicinal plants used for treatment of skin diseases.
- * To explore how medicinal plants play an important role in skin Diseases.
- * To explore the traditional knowledge of Medicinal plants of India . used for skin ailments .
- * Present initiatives have been taken to record the plants to cure skin diseases and its related problems by using traditional medicines provided by the tribal therapeutis people of the India.
- * To create awareness conservation of the bio-diversity of Medicinal plants in India.
- * To strengthen the research work on Medicinal Plants on skin diseases treatment .

METHODOLOGY

This REVIEW PAPER was done by going through several research articles based on survey work of ethnomedicinal plants found commonly in different parts of India at random and enlisting the plants surveyed by them collection of data.

The following steps are usually followed by the authors whose published works and documented here, in order to tabulate the collected data with authenticity.

1) The standard methods or protocols were adopted for herbarium preparation . The obtained data were recorded in field books and collected specimens were processed as voucher for medicinal plants.

2) During field survey detailed ethno botanical information on wild plant were recorded after careful discussion by interviewing with several tribal person especially older men and women who were alive at times when their culture was subjected to fewer inputs from contemporary society. Standard literatures and recent works of some botanists of India were consulted for cross -verification of the accumulated data from the native people. To determine the authenticity of the information collected during field work, repeated verification of data from different informants was done. Thus, only the specific and reliable information cross - checked with informants are incorporated for documentation. The present review is based on Literature survey of the following parts of India into account : Western part of India,(Gujrat,Rajasthan) Eastern part of India,(West bengal , Assam) Southern part of India,(kanyakumari,Karnataka ,Kerala) Northern part of India,Himalaya uttarakhand ,pangi valley ,jammu Kashmir) Central part of India (Madhya padesh ,madhya Pradesh [Betul district])

Documentation of Medicinal plants used for Treatment of skin diseases.

So here are the list of medicinal plants that are being provided after compilation of surveyed literatures studied on parts of India. Among the plant parts used roots have been the most popular followed by stem bark, leaves, whole plant, seeds and rhizomes. Traditional medicines were prepared in the forms of decoction, paste, infusion, powder or taken fresh. Oral root was reported as the only administration mode among the additional healers in the treatment of fevers.

A list of medicinal plants the scientific names, local name, family, part used, usefulness are enlisted in the table.

TABLE 1:-LIST OF MEDICINAL PLANTS USED FOR TREATMENT OF SKIN DISEASE FROM NORTHERN INDIA

Sr.No	Botanical Name	Parts Used	Mode Of Application
1	<i>Barleria prionitis</i> L.	Shrub	The leaf paste is externally applied on skin allergy and chilbalins.
2	<i>Eranthemum pulchellum</i> Andrews	Shrub	The plant paste is applied on boils. The leaves are fried in <i>Brassica campestris</i> oil (sarsoon) and applied externally on cracked feet's.
3	<i>Lepidagathis cuspidata</i> Nees	Shrub	The paste of leaves is applied externally on boils and blisters.
4	<i>Phlogacanthus thyrsiformis</i> (Hardw.)	Shrub	The paste of leaves is applied on cuts and wounds.
5	<i>Ruellia tuberosa</i> L.	Herb	The fruits are crushed and applied on blisters.
6	<i>Achyranthes aspera</i> L.	Herb	The paste of leaves is applied externally on skin allergy.
7	<i>Amaranthus spinosus</i> L.	Herb	The paste of roots is applied on boils and carbuncle.

8	<i>Celosia argentea</i> L.	Shrub	The decoction of leaves is used to wash skin allergy.
9	<i>Crinum viviparum</i> (Lam.) R.Ansari & V.J.Nair	Herb	The paste of bulb is applied externally on boils and skin allergy.
10	<i>Buchanania cochinchinensis</i> (Lour.) M.R.Almeida	Tree	Seed powder is mixed with milk and applied on pimples. The paste of leaves is applied over wounds.
11	<i>Lanea coromandelica</i> (Houtt.) Merr.	Tree	The paste of bark is applied externally on wounds.
12	<i>Mangifera indica</i> L.	Tree	The gum is applied externally on boils
13	<i>Spondias pinnata</i> (L.f.) Kurz	Tree	The paste of fruit is applied on blisters
14	<i>Rauvolfia serpentina</i> (L.) Benth. ex Kurz	Shrub	The root paste is mixed with oil of <i>Cinamomum tamala</i> (tejpaat) and externally applied on leucoderma in night.*
15	<i>Vallisneria spiralis</i> (L.) Kuntze	Climber	The plant paste is applied on eczema. The latex is applied on wounds.

16	<i>Wrightia arborea</i> (Dennstaedt) Mabberley	Tree	The latex is applied on cuts, wounds and on skin allergy
17	<i>Calotropis gigantea</i> (L.) Dryander	Shrub	The latex is applied externally to treat ringworm. The latex is applied externally on chilbalins.
18	<i>Calotropis procera</i> (Aiton) Dryander	Shrub	The roots are ground and applied externally on leucoderma.*
19	<i>Ageratum conyzoides</i> (L.) L	Herb	The leaf juice is applied externally on cuts to stop bleeding.
20	<i>Inula cappa</i> (Buch.-Ham. ex D.Don) DC.	Shrub	The fruits are crushed and applied externally on blisters.
21	<i>Tridax procumbens</i> (L.) L.	Herb	The paste of leaves is applied on cuts and wound to stop bleeding.
22	<i>Basella alba</i> L.	Climber	The plant is crushed, made into paste with milk and applied on leucoderma*. The leaf is coated with mustard oil, slightly warmed and tied on boils.
23	<i>Cynoglossum lanceolatum</i> Forssk	Herb	The juice of leaves is used over skin allergy.*

24	<i>Brassica juncea</i> (L.) Czern.	Herb	The paste of seeds is externally used on boils and skin allergy.
25	<i>Buddleja asiatica</i> Lour	Shrub	The paste of leaves and seeds are mixed and applied on wounds.
26	<i>Garuga pinnata</i> Roxb.	Tree	The bark paste is applied externally on wounds.
27	<i>Cassia fistula</i> L.	Tree	Leaf paste is applied externally in ringworm.
28	<i>Senna occidentalis</i> (L.) Link	Shrub	The fruit paste is applied externally to cure leucoderma.
29	<i>Senna tora</i> (L.) Roxb	Shrub	The seed powder is mixed with flour of <i>Triticum aestivum</i> (wheat), made into paste and applied externally in the treatment of boils.
30	<i>Stellaria media</i> (L.) Vill.	Herb	The paste of leaves is applied externally on boils.
31	<i>Celastrus paniculatus</i> Willd.	Shrub	The paste of leaves is applied externally on eczema. The ash of roots is mixed with fruit piece of <i>Citrus pseudolimon</i> (galgal) and placed in an earthen pot for a whole night; the whole material is dried in shade in early morning and made into paste, this preparation is given orally (2-3 gm), twice a day for 10-15 days with cold water to treat body allergy, milk is avoided during treatment*.

32	<i>Cleome gynandra</i> L	Herb	The leaf powder of plant and <i>Lawsonia inermis</i> (mehndi) is made into paste and applied externally on feet's and between toes while working in paddy fields*. The whole plant paste is applied externally on skin allergy
33	<i>Terminalia alata</i> Heyne ex Roth	Tree	The paste of leaves is applied over skin allergy.
34	<i>Commelina benghalensis</i> L	Herb	The paste of plant is applied externally on wounds. The juice of leaves (one teaspoonful) is taken internally twice a day for 1-2 weeks, in the treatment of leprosy*.
35	<i>Ipomoea carnea</i> Jacq	Shrub	The leaves are fried in <i>Brassica campestris</i> oil (sarsoon) and tied externally on cuts and wounds to get quick relief.
36	<i>Bryophyllum pinnatum</i> (Lam.) Oken	Herb	The paste of leaves is applied externally on boils and sores.
37	<i>Cucumis sativus</i> L	Climber	The seeds are crushed and its paste is applied externally on eczema and on leucoderma.
38	<i>Momordica dioica</i> Roxb. ex Willd.	Climber	The paste of roots is applied on boils
39	<i>Cuscuta reflexa</i> Roxb	Parasite	The paste of plant is applied on leprosy.

40	<i>Dioscorea belophylla</i> (Prain) Voigt ex Haines	Herb	The root paste is mixed with buffalo's milk (produce after delivery, locally known as <i>Kheej</i>) and applied externally on chilbalins.*
41	<i>Cordia dichotoma</i> G.Forst.	Tree	The fruit juice is applied on blisters.
42	<i>Croton bonplandianus</i> Baill.	Herb	The paste of leaves is applied on cuts.
43	<i>Euphorbia hirta</i> L.	Herb	The plant paste is applied externally on cuts and wounds.
44	<i>Jatropha curcas</i> L.	Shrub	The juice of roots is applied on sores.
45	<i>Mallotus philippensis</i> (Lam.) Muell.Arg	Tree	The powder of fruits is mixed with ghee, made into paste and externally applied on boils
46	<i>Phyllanthus amarus</i> Schumach. & Thonn.	Herb	The crushed leaves are made into paste and applied externally on skin allergy.

47	<i>Ricinus communis</i> L.	Shrub	The leaves are fried in oil of mustard, made into paste and externally applied on wounds.
48	<i>Abrus precatorius</i> L.	Climber	The juice of leaves of plant and roots of <i>Plumbago zeylanica</i> are mixed together and applied over leucoderma.
49	<i>Alysicarpus vaginalis</i> (L.) DC.	Herb	The leaf paste is applied externally on skin allergy.*
50	<i>Dalbergia sissoo</i> DC.	Tree	Leaves and bark are mixed together, made into paste and applied externally on eczema
51	<i>Indigofera hirsuta</i> L.	Herb	The seed paste is applied externally to treat blisters and ringworm
52	<i>Indigofera linifolia</i> (L.f.) Retz.	Herb	The paste of plant is applied on wounds
53	<i>Millettia extensa</i> (Benth.) Baker	Climber	The bark paste is applied over wounds.

54	<i>Ougeinia oojeinensis</i> (Roxb.) Hochr.	Tree	The bark paste is applied externally on skin allergy.
55	<i>Pongamia pinnata</i> (L.) Pierre	Tree	The oil extracted from seeds is externally applied on itching and skin allergy.
56	<i>Casearia elliptica</i> Willd.	Tree	The paste of leaves is applied on wounds to check bleeding. The paste of stem bark is applied on skin allergy.
57	<i>Flacourtia indica</i> (Burrn. f.) Merr	Tree	The paste of bark is applied on boils or carbuncle.
58	<i>Fumaria indica</i> (Hauskn.) Pugsley	Herb	The plant is made into paste and applied externally on skin allergy.
59	<i>Curculigo orchioides</i> Gaertn.	Herb	The paste of leaves is applied externally on skin allergy.
60	<i>Leonotis nepetifolia</i> (L.) R.Br.	Herb	The inflorescence is pounded and its paste is applied on skin allergy.
61	<i>Leucas lanata</i> Benth.	Herb	The whole plant is made into paste and applied on wounds.

62	<i>Pogostemon benghalensis</i> (Burm. f.) Kuntze	Shrub	The paste of leaves is applied on boils and blisters.
63	<i>Litsea glutinosa</i> (Lour.) C.B. Rob.	Tree	The bark paste is applied on skin allergy.
64	<i>Allium cepa</i> L.	Herb	The bulbs are pounded and paste is applied externally on skin allergy
65	<i>Allium sativum</i> L.	Herb	The paste of bulb is externally applied on blisters
66	<i>Aloe vera</i> (L.) Burm. f.	Herb	The ash of leaves is tied with the help of cotton on boils or abscess.
67	<i>Linum usitatissimum</i> L.	Herb	The paste of seeds is applied externally on boils
68	<i>Dendrophthoe falcata</i> (L.f.) Ettingsh.	Parasite	The roots are crushed and its juice is applied on skin allergy
69	<i>Lagerstroemia parviflora</i> Roxb.	Tree	The bark paste is used externally on wounds
70	<i>Abutilon indicum</i> (L.) Sweet	Shrub	The root paste is applied externally in leprosy.

71	<i>Hibiscus sabdariffa</i> L.	Herb	The leaf powder of plant and <i>Lawsonia inermis</i> (mehndi) is mixed together, made into paste and applied on cracked feet's to cure wounds, especially in rainy season.*
72	<i>Urena lobata</i> L.	Herb	The paste of whole plant is applied externally on boils and eczema.*
73	<i>Melia azedarach</i> L.	Tree	The fruit paste is applied externally on skin allergy.
74	<i>Cissampelos pareira</i> L.	Climber	The paste of leaves is externally applied on boils.
75	<i>Cocculus hirsutus</i> (L.) W.Theob.	Climber	The paste of leaves is applied on eczema.
76	<i>Pithecellobium dulce</i> (Roxb.) Benth.	Tree	The paste of bark is applied on leprosy.
77	<i>Ficus racemosa</i> L.	Tree	The paste of leaves is used in healing of wounds. The decoction (1-2 teaspoonfuls) of fruits is taken internally once a day for 2 weeks, to cure leprosy and its paste is applied externally for the same.
78	<i>Syzygium cumini</i> (L.) Skeels	Tree	The paste of leaves is used externally on blisters

79	<i>Mirabilis jalapa</i> L.	Herb	The leaf juice is applied externally on boils.
80	<i>Vanda tessellata</i> (Roxb.) Hook. ex G. Don.	Epiphyte	The root paste is applied externally on boils.
81	<i>Argemone mexicana</i> L.	Herb	The latex is applied externally in cracks on feet. The latex along with cow milk is placed in copper pot for 3 days and applied externally in leucoderma. The yellow latex is applied between toes while working on paddy fields
82	<i>Passiflora foetida</i> L	Climber	The paste of leaves is applied on wounds.
83	<i>Plumbago zeylanica</i> L	Shrub	The leaf paste is applied externally in eczema. The paste of roots is applied externally on skin allergy and on boils.
84	<i>Cynodon dactylon</i> L	Herb	The plant paste is applied on cuts and wounds to stop bleeding.
85	<i>Eulaliopsis binata</i> (Retz.) C.E.Hubb.	Herb	The plant juice is applied on cuts
86	<i>Persicaria barbata</i> (L.) H.Hara	Herb	The juice of leaves is applied on cuts.
87	<i>Rumex hastatus</i> D.Don	Herb	The whole plant is ground and the paste is applied externally on wounds.

88	<i>Anagallis arvensis</i> L.	Herb	The plant paste is used over boils.
89	<i>Prunus persica</i> (L.) Stokes	Tree	The oil of seeds is effective externally in the treatment of skin allergy
90	<i>Catunaregam spinosa</i> (Thunb.) Tirveng	Shrub	The paste of stem bark is applied on wounds
91	<i>Bacopa monnieri</i> (L.) Wettst	Herb	The whole plant is crushed and applied externally on eczema.
92	<i>Torenia cordifolia</i> Roxb	Herb	The paste of whole plant is applied on eczema
93	<i>Verbascum chinense</i> (L.) Santapau	Herb	The juice of leaves is applied on cuts
94	<i>Verbascum thapsus</i> L.	Herb	The seed paste is used externally on leucoderma.
95	<i>Nicotiana plumbaginifolia</i> Viv.	Herb	The leaf paste is applied externally on wounds and itching
96	<i>Solanum erianthum</i> D.Don	Shrub	The roots are slightly warmed, made into paste and applied on cuts and wounds
97	<i>Solanum americanum</i> Mill.	Herb	The fruit powder (2 gm) with milk is given orally in boils, thrice a day for 2 weeks. The paste of plant is applied on boils to remove pus

98	<i>Withania somnifera</i> (L.) Duna	Shrub	The leaves and stem is burnt and ash is mixed with mustard oil; this paste is applied on boils
99	<i>Triumfetta rhomboidea</i> Jacq	Herb	The paste of leaves is applied externally to get relief from eczema.
100	<i>Holoptelea integrifolia</i> Planch	Tree	The tender leaves paste is applied externally on eczema. The paste of inner bark is applied on blisters.

IMAGES OF SOME MEDICINAL PLANTS FROM NORTHERN INDIA



Some important ethnomedicinal plants used in skin diseases (A) *Aesculus indica* (Wall. ex Cambess.) Hook.; (B) *Arctium lappa* L.; (C) *Berberis lycium* Royle; (D) *Bergenia ciliata* (Haw.) Sternb.; (H) *Betula utilis* D.Don; (I) *Delphinium cashmerianum* Royle; (J) *Geranium wallichianum* D.Don ex Sweet; (K) *Delphinium vestitum* Wall. ex Royle; (L) *Geranium nepalense* Sweet; (M) *Podophyllum hexandrum* Royle; (N) *Verbascum thapsus* L.; (O) *Viola biflora* L.

Documentation of Medicinal plants used for Treatment of skin diseases.

So here are the list of medicinal plants that are being provided after compilation of surveyed literatures studied on parts of India. Among the plant parts used roots have been the most popular followed by stem bark, leaves, whole plant, seeds and rhizomes. Traditional medicines were prepared in the forms of decoction, paste, infusion, powder or taken fresh. Oral route was reported as the only administration mode among the additional healers in the treatment of fevers.

A list of medicinal plants the scientific names, local name, family, part used, usefulness are enlisted in the table.

TABLE 2: LIST OF MEDICINAL PLANTS USED FOR TREATMENT OF SKIN DISEASE FROM SOUTHERN INDIA

Sl No.	Scientific Name	Family	Parts Used	Purpose	Mode Of Use
1	<i>Beloperone plumbaginifolia</i> L.	Acanthaceae	Leaf	Insect bite	Grind the leaf and used as poultice
2	<i>Hemigraphis colorata</i> Hallier f	Acanthaceae	Leaf	Wound healing	Apply the fresh juice of leaf
3	<i>Hygrophila schulli</i> (Buch.-Ham.) M. R. & S. M. Almeida	Acanthaceae	Whole plant	Antiinflammatory	Decoction of plant taken orally
4	Decoction of plant taken orally (Clarke) Bennet	Acanthaceae	Leaf	Ring worm infection	Application of leaf paste ,along with tender leaf <i>Bridelia scandes</i> , whole plant of <i>Centella asiatica</i> ,Leaves of <i>Hygrophylla schulli</i> .
5	<i>Rhinacanthus nasutus</i> (L.) Kurz, J.	Acanthaceae	Root	Athelets foot disease ,Ringworm infection	Grind the root and made in to a paste ,mix with curd, then apply
6	<i>Achyranthes aspera</i> L.,	Amaranthaceae	Whole plant	Wound healing	Apply the fresh juice of plant
7	<i>Amaranthus spinosus</i> L.,	Amaranthaceae	Whole plant	Athelets foot disease	Put the parts of the plant in boiled water and insert the foot ,kept for 2 hours
8	<i>Amaranthus viridis</i> L.	Amaranthaceae	Leaf	Eczema	,Leaf paste taken orally
9	<i>Anacardium occidentale</i> L	Anacardiaceae	Seed oi	Foot crack	The oil from nut applied on the crack
10	<i>Holigarna arnottiana</i> Hook. f.,	Anacardiaceae	Fruit	Foot crack	The endosperm from seed applied on the crack
11	<i>Centella asiatica</i> (L.) Urban in Mart	Apiaceae	Whole plan	Boils	apply the fresh juice
12	<i>Anethum graveolens</i> L.	Apiaceae	Seeds	Boils	apply the seed oil
13	<i>Rauvolfia serpentina</i> (L.) Benth. ex Kurz	Apocyanaceae	Leaf ,stem, Rhizome	Sore, Psoriasis	Boiled stem and leaves made in to a paste and applied on affected area, decoction of rhizome taken orally
14	<i>Wrightia tinctoria</i> (Roxb)R.Br.	Apocyanaceae	Leaf	Psoriasis, eczema, Ringworm infection	Leaf juice boiled with coconut oil and apply in affected area

15	<i>Cocos nucifera L.</i>	Araceae	Endocarp - tender coconut	Ringworm infection	coconut shell charcoal and boiled with coconut oil ,apply in the affected area 2.grind the endosperm and apply
16	<i>Areca catechu L</i>	Araceae	Leaf juice	Tinea infection	Apply the leaf juice along with garlic paste and Resinous exudations from <i>Caryota urens</i>
17	<i>Pergularia daemia (Forssk.) Chiov.</i>	Asclpiadaceae	Leaf	Eczema	Leaf juice boiled with coconut oil and apply in affected area,
18	<i>Calotropis gigantea (L.) R. Br. in Ait.f</i>	Asclpiadaceae	Leaf	Eczema	Aqueous paste of leaf powder is applied externally on the lesions
19	<i>Hemidesmus indicus (L.) R. Br. in Ait.f.</i>	Asclpiadaceae	Leaf	Eczema	Leaf paste used as poultice
20	<i>Ageratum conyzoides L.,</i>	Asteraceae	Leaf	Scabies	Leaf grind with coconut shell charcoal and boiled with coconut oil ,apply in the affected area
21	<i>Ayapana triplinervis Vahl.</i>	Asteraceae	Leaf	Wound healing	Leaf paste used as poultice
22	<i>Eclipta alba (L.)var.dixitii Anand kumar and Khana</i>	Asteraceae	Whole plant	Dandruff	apply the plant juice
23	<i>Elephantopus scaber L</i>	Asteraceae	Root	Wounds	Root paste is applied externally on wounds
24	<i>Sphaeranthus indica L.</i>	Asteraceae	Leaf,stem	For all types of skin diseases	application of leaf paste and stem paste
25	<i>Vernonia cinerea (L.)Less</i>	Asteraceae	Whole plant	Eczema	Grind the whole plant and made in to a paste. apply
26	<i>Aristolochia indica L.Aristolochia indica L.,</i>	Aristolochaceae	Leaf	Scabies	Leaf juice boiled with coconut oil and apply in affected area2.apply the fresh juice of the plant
27	<i>Bixa orellana L</i>	Bixaceae	Fruit	Boils	Apply the fruit juice
28	<i>Commelina erecta L.</i>	Commelinaceae	Whole plant	Scabies	Application of leaf paste and stem paste
29	<i>Calycopteris floribunda Lam</i>	Combretaceae	Leaf	Eczema	Decoction of leaf effective for bathing
30	<i>Terminalia chebula Retz</i>	Combretaceae	Fruit	Eczema	Grind the Fruit and made in to a decoction. Apply in affected area.
31	<i>Shorea roxburghii G.Don</i>	Dipterocarpaceae	Resinous exudation from the bark	Scabies	Dissolve the exudation in vinegar
32	<i>Luffa acutangula (L.) Roxb.,</i>	Cucurbitaceae	Fruit	All skin diseases	Rub the fruit juice in affected area
33	<i>Acalypha indica L.,</i>	Euphorbiaceae	Leaf	Scabies	Grind the leaf with curcuma rhizome and apply
34	<i>Briedelia stipularis (L.) Blume,</i>	Euphorbiaceae	Tender leaves	Scabies, Eczema	Application of leaf paste
35	<i>Flueggea virosa (Roxb. ex Willd.) Voigt,</i>	Euphorbiaceae	Leaf	Ringworm infection	Grind the leaf along with Curcuma longa rhizome. Then apply in the affected area.2.grind the leaf and tender shoot and made in to a paste and apply

36	<i>Jatropha multifida L.</i>	Euphorbiaceae	Leaf	Boils, scabies	Leaf juice boiled with coconut oil and apply in the affected area
37	<i>Tragia involucrata L</i>	Euphorbiaceae	Whole plant	Dandruff	Apply the fresh juice of the plant in head.
38	<i>Phyllanthus emblica L.</i>	Euphorbiaceae	Whole plant	Dandruff	Apply the fresh juice of the plant in head.
39	<i>Albizia lebbek (L.)Benth</i>	Fabaceae	Bark powde	For skin diseases	Used for bathing
40	<i>Butea monosperma (Lam.)Taub</i>	Fabaceae	Bark	For alltypes of skin diseases	Burn the bark without charring and apply the ash in affected area
41	<i>Cassia alata L.</i>	Fabaceae	Leaf	Boils	Apply the leaf paste
42	<i>Cassia fistula L</i>	Fabaceae	Leaf, bank	Eczema	Boil the leaf and bark in water and wash the affected area
43	<i>Cassia tora L.</i>	Fabaceae	Leaf	Athelets foot disease	Boil the leaf in water and wash the affected area
44	<i>Cullen corylifolium (L.)Medik.,</i>	Fabaceae	Seeds	Leucoderma	Grind the seeds in Cow urine
45	<i>Derris scandens (Roxb.)Benth</i>	Fabaceae	Leaf	Scabies	Leaf juice boiled with coconut oil and apply in affected area
46	<i>Desmodium motorium (Houtt.)Merr.</i>	Fabaceae	Leaf	Wound healing	Apply the leaf paste
47	<i>Desmodium triflora (L.)DC</i>	Fabaceae	Whole plant	Scabies	Leaf juice boiled with coconut oil and apply in affected area,
48	<i>Erythrina variegata L</i>	Fabaceae	Leaf	Eczema	Grind the leaf and used as poultice
49	<i>Indigofera tinctora L.</i>	Fabaceae	Leaf	Dandruff	Leaf juice boiled with coconut oil and apply in affected area
50	<i>Mimosa pudica L</i>	Fabaceae	Whole plant	Eczema, Cracks on foot	Leaf juice boiled with coconut oil and apply in affected area,
51	<i>Pongamia pinnata (L.)Pierre</i>	Fabaceae	Bark,seeds	Psoriasis, Eczema, Ringworm infection	Decoction of bark effective for bathing 2.bark boiled with coconut oil and apply
52	<i>Tamarindus indicus L.</i>	Fabaceae	Leaflets	Scabies	Prepare thaila from the leaf juice along with fruits of Phyllanthes emblica and Terminalia chebula.
53	<i>Salacia fruticosa Heyne ex Lawson</i>	Hippocrataceae	Root	Psoriasis	Grind the root and made in to a paste and apply in affected area
54	<i>Anisomeles indica (L.) O. Ktze.,</i>	Lamiaceae	Leaf	Ringworm infection	Boil the leaf in water and wash the affected area
55	<i>Leucas aspera (Willd.)Link</i>	Lamiaceae	Whole plant	Wound healing	Apply the fresh juice
56	<i>Ocimum tenuiflorum L.</i>	Lamiaceae	Leaf	Insect bite	Grind the plant along with curcuma rhizome
57	<i>Plectranthus amboinicus (Lour.)spreng.</i>	Lamiaceae	Leaf	Wound healing	Rub the leaf in the wounds
58	<i>Plectranthus hadiensis (Forssk.)Schweinf.e x, spreng. var.tomentosus</i>	Lamiaceae	Leaf	Wound healing	Rub the leaf in the wounds.
59	<i>Aloe vera (L.)Burm.f.</i>	Lilliacea	Leaf	Paronychia	Leaf paste used as poultice
60	<i>Allium cepa L</i>	Lilliacea	Bulb	Psoriasis	Make thaila with onion and apply
61	<i>Lawsonia inermis Lam.</i>	Lythraceae	Leaf	Athelets foot disease	Leaf paste used as poultice

62	<i>Leaf paste used as poultice</i>	Lobeliaceae	Root	Wounds	The root paste is applied externally to cure old wound
63	<i>Hibiscus rosasinensis L</i>	Malvaceae	Leaf and Flower	Eczema,dandruff	Leaf juice and flower boiled with coconut oil and apply in affected area,
64	<i>Thespesia populnea (L.) Soland</i>	Malvaceae	Leaf	Scabies,eczema	Decoction of leaf effective for bathing
65	<i>Pavonia odorata Willd.</i>	Malvaceae	Root	Athletes foot disease	Grind the root along with curcuma longa rhizome, Mimosa pudica leaves .Then apply in the affected area
66	<i>Thespesia populnea (L.) Soland.</i>	Malvaceae	Leaf	Scabies,eczema	Decoction of leaf effective for bathing
67	<i>Cyclea peltata(Lam.)Hook. f &Thoms.</i>	Menispermaceae	Whole plant	Eczema	Application of leaf paste
68	<i>Tinospora cordifolia (willd.)Miers</i>	Menispermaceae	Leaf	Boils,scabies	1.Leaf juice boiled with coconut oil and apply in affected area, 2.application
69	<i>Naragamia alata Wight & Arn</i>	Meliaceae	Whole plant	Insect bite	Grind the plant along with curcuma rhizome
70	<i>Moringa pterigosperma Gaertn.,</i>	Moringaceae	Stem bark	Against inflammations	Grind the stem bark along with curcuma rhizome and apply in affected area

IMAGES OF SOME MEDICINAL PLANTS FROM SOUTHERN INDIA



Hemigraphis colorata



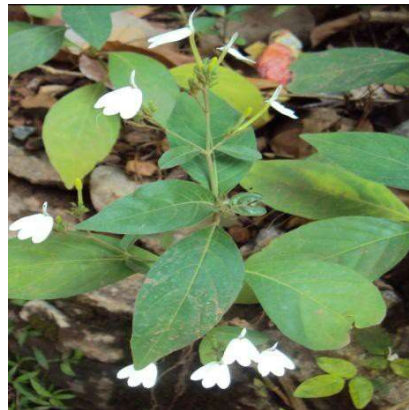
Beloperone plumbaginifolia



Hygraphila schulli



Justicia beddomei



Rhinocantus nasturt



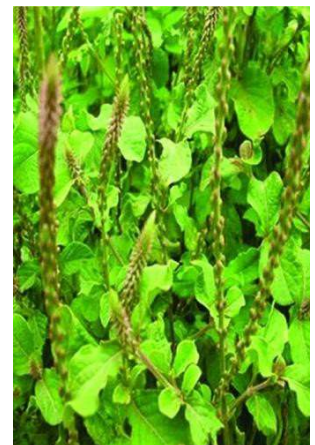
Anethum graveolens



Amaranthus viridis



Amaranthus spinosus



Achyranthes aspera

Documentation of Medicinal plants used for Treatment of skin diseases.

So here are the list of medicinal plants that are being provided after compilation of surveyed literatures studied on parts of India. Among the plant parts used roots have been the most popular followed by stem bark, leaves, whole plant, seeds and rhizomes. Traditional medicines were prepared in the forms of decoction, paste, infusion, powder or taken fresh. Oral route was reported as the only administration mode among the additional healers in the treatment of fevers.

A list of medicinal plants the scientific names, local name, family, part used, usefulness are enlisted in the table.

TABLE 3 :-LIST OF MEDICINAL PLANTS USED FOR TREATMENT OF SKIN DISEASE FROM EASTERN INDIA

Sl no.	Botanical name	Family name	Parts used	Mode of preparation
1	<i>Acacia farnesiana</i> (L.) Willd .	Mimosaceae		The extracted gum is mixed with egg and then it is applied on the burnt places
2	<i>Aegle marmelos</i> (L.) Correa ex Roxb	Rutaceae	Leaves	The leaves are crushed along with some Piper nigrum fruits and the paste is layered on the boils
3	<i>Allium cepa</i> L.	Liliaceae	Bulb	The juice is applied on the head
4	<i>Allium sativum</i> L	Alliaceae	Bulb	One piece is crushed and the juice extracted is mixed with the juice from <i>Paederia foetida</i> and orally taken The pieces are crushed and applied directly on the skin. The pieces are orally taken too
5	<i>Aloe</i> <i>babingtonii</i> Mill	Aloaceae	Leaves	The leaves are crushed and the paste is layered on the burnt places
6	<i>Alstonia</i> <i>scholaris</i> (L.) R. Br.	Apocynaceae	Bark	The bark is crushed together with <i>Achyranthes aspera</i> , <i>Piper longum</i> and <i>Piper nigrum</i> and the mixture formed is orally taken

7	<i>Amaranthus spinosus</i> L.	Amaranthaceae	Whole plant	The extracted juice is applied on the skin
8	<i>Annona reticulata</i> L.	Annonaceae	Leaves	The juice extracted from the leaves is used for washing the hairs
9	<i>Azadirachta indica</i> Rob.	Thymelaeaceae	-	The oil extracted from the plant is applied on the infected skin
10	<i>Adiantum indicum</i> A. Juss.	Meliaceae		The extracted oil is applied on the infection
11	<i>Berberis asiatica</i> (Ves) Hook. & G.	Acanthaceae	Leaves	The juice from the leaves is used as colours in tattoos
12	<i>Basella rubra</i> L.	Basellaceae	Leaves	The extracted juice is applied directly on the infected skin
13	<i>Eclipta alba</i> (L.) Link.	Euphorbiaceae	Bark	The bark is crushed and directly applied on the insect bites
14	<i>Betula utilis</i> L.	Nyctaginaceae	Leaves	The leaves are crushed and the paste so formed is layered on the infected portion
15	<i>Bassia indica</i> (L.) Gaertn.	Brassicaceae	Seeds	The extracted oil mixed with Cynodon dactylon juice and Curcuma longa juice and water. The mixture is then crushed and heated. The product so formed is applied on the infected skin
16	<i>Byrrhiza pinnatifida</i> (L.) Kuntz.	Crassulaceae	Leaves	The leaves are crushed and the paste is layered on the boils. The leaves are crushed and applied directly on the skin
17	<i>Butea butyros</i> (L.) Willd.	Fabaceae	Seeds	The crushed seeds are mixed with Citrus odorata juice and the mixture is applied on the infection
18	<i>Cajanus cajan</i> (L.) Millsp.	Fabaceae	Seeds	The crushed form is mixed with curd and the mixture is applied on the infected skin
19	<i>Cassia resinosa</i> (L.) Link.	Burseraceae		The paste is layered on the burns
20	<i>Capsicum</i>	Solanaceae	Fruit	The crushed form is applied directly on the skin

21	<i>Caricapa</i> L	Caricaceae	Fruit	The gum extracted from the fruit is applied on the infected skin after scratching it
22	<i>Casia fistula</i> L	Caesalpiniaceae	Leaves	The leaves are crushed and applied on the infection
23	<i>Cartella asiatica</i> (L.) Urb	Apiaceae	Leaves	A number of leaves are crushed and applied directly on the skin
24	<i>Carteum arabinicum</i> (Willd) Kræ	Asteraceae	Seeds	The powder is mixed with <i>Sesamum indicum</i> and the mixture is orally taken
25	<i>Citrus limon</i> (L.) Burm f. ♣♣	Rutaceae	Fruit	The extracted juice is applied directly on the skin. The juice is orally taken too
26	<i>Citrusnæica</i> L. ♣	Rutaceae	Fruit	The fruit juice is orally taken
27	<i>Citrusnæica</i> L.	Rutaceae	Fruit	The juice extracted from crushing the fruit is orally taken
28	<i>Citria terata</i> L.	Fabaceae	Flower	The flowers are mixed with roots of the <i>Piper longum</i> plant and the mixture is crushed. The paste formed is layered on the infected skin
29	<i>Cocos nucifera</i> L	Arecaceae	Fruit	The coconut oil is mixed with <i>Citrus limon</i> juice and the mixture is applied on the infected place
30	<i>Curcuma longa</i> L. ♣♣	Zingiberaceae	Roots	A bit is taken orally daily for some days
31	<i>Cynopogon nardis</i> (L.) Perle	Poaceae		Poaceae
32	<i>Cynobn dactylon</i> (L.) Pers	Poaceae	Leaves	The grass along with <i>Curcuma longa</i> is crushed and the paste is applied on the skin
33	<i>Datura stramonium</i> L.	Solanaceae	Leaves	The paste is layered on the infection
34	<i>Daucus carota</i> L.	Apiaceae	Roots	The cleaned roots are orally taken. The roots are peeled and rubbed against the infected skin
35	<i>Desmodium</i>	Papilionaceae	Leaves	The paste is layered on the infection

36	<i>Dillenia indica</i> L. ♣♣	Dilleniaceae	Fruit	The mucilaginous substance is used for washing the hairs
37	<i>Eclipta erecta</i> L	Asteraceae	Leaves	The leaves are crushed and applied on the head
38	<i>Embelia ribes</i> Rum f	Myrsinaceae	Fruit	Embelia ribes, Emblica officinalis, Piper longum, Terminalia bellerica are mixed in equal amounts and the crushed form (powder) is added to honey and the concentrated honey is then applied on the infection
39	<i>Embica officinalis</i> Gaertn	Euphorbiaceae	Fruit	The extracted juice is mixed with sugar and the mixture is orally taken The fruits are orally taken Dry skin The paste is applied directly on the skin. The extracted juice is used for taking bath
40				
41	<i>Eucalyptus globulus</i> Labill	Myrtaceae	Leaves	The leaves are rubbed and applied on the skin
42	<i>Eugenia caryophyllata</i> Thunb	Myrtaceae	Flower bud	It is crushed and mixed with honey and the product is orally taken
43	<i>Euphorbia nerifolia</i> L.	Euphorbiaceae	Branches	The gum is mixed with gum from Catotropis gigantea and powder from Berberis aristata in equal amounts and the mixture is applied
44	<i>Foeniculum vulgare</i> MILL	Apiaceae	Seed	The Foeniculum vulgare is crushed along with Coriandrum sativum. The mixture mixed with ghee and sugar is orally taken
45	<i>Garcapinata</i> Rob	Burseraceae	Leaves	The leaves are crushed and directly applied on the skin
46	<i>Hibiscus sinensis</i> L. ♣	Malvaceae	Flower	The crushed flower is applied on the hair

47	<i>Jussiaea</i> <i>absinthifolia</i> L.	Acanthaceae	Leaves	The juice extracted is mixed with honey and the mixture is orally taken Leprosy The leaves are crushed along with Curcuma longa and the extracted juice is used to wash the infection Cellulitis A bit of sugar is added to the crushed form and the paste is layered on the infection Abscess The juice extracted from the leaves is used for taking bath
48	<i>Laurus</i> <i>camphora</i> L.	Lauraceae	Leaves	The crushed form is applied directly on the skin
49	<i>Lawsonea</i> <i>albicoma</i> L. ♣	Lythraceae	Leaves	The extracted juice is applied directly on the skin
50	<i>Lathyrus</i> <i>terrestris</i> March	Leguminosae	Seed	The pulses are fried with ghee and the product is crushed and mixed with milk. The paste so formed is layered on the face
51	<i>Lycopersicon</i> <i>esulentum</i> Mill	Solanaceae	Fruit	The extracted juice is mixed with coconut oil and the mixture is applied on the infected skin
52	<i>Lycopersicon</i> <i>esulentum</i> Mill ♣	Solanaceae	Fruit	The juice from the fruit is mixed with honey and the mixture is orally taken
53	<i>Mangifera</i> <i>indica</i> L. ♣♣	Anacardiaceae	Fruit	The juice is mixed with milk and orally taken
54	<i>Melia</i> <i>azadirachta</i> L.	Meliaceae	Leaves	The leaves are boiled in water and that water is used to wash the infected place. The crushed form is mixed with ghee and the mixture is applied on the infected skin Carbuncle The leaves are fried and orally taken. The leaves are boiled in water and that water is used to wash the infected place Scabies The leaves are boiled in water and the water is then cooled and used for bathing

55	<i>Mentha arvensis</i> L. ♣	Lamiaceae	Leaves	The juice from the leaves is applied on the face
56	<i>Mgania strobilifera</i> Junc St. Hil	Leguminosae	Root	The roots are crushed and directly applied on the infected skin
57	<i>Moringa oleifera</i> Lam	Moringaceae		The gum is poured on the eyes
58	<i>Musa</i> sp	Musaceae	Fruit peel	The dried fruit peel is crushed along with <i>Curcuma longa</i> and the mixture is applied on the infected skin
59	<i>Nyctanthes arbor-tristis</i> Lin	Nyctanthaceae	Flower	The dried flower is powdered and mixed with honey. The mixture is then orally taken

60	<i>Citron sartin</i> <i>L</i>	Lamiaceae	Leaves	The extracted juice is mixed with juice from <i>Curcuma longa</i> and orally taken. Salt is added to the paste (rubbed form) and the product is applied on the infected skin after scratching it.
61	<i>Oryza sativa</i> <i>L</i>	Poaceae	Kernel	Boiled rice is mixed with curd made of buffalo's milk and is eaten for some days. The rice flour is mixed with honey and egg yolk. The mixture paste is then layered on the face.
62	<i>Chukia malabarica</i> <i>Hook</i>	Melastomataceae	Leaves Roots	The juice extracted from the leaves is applied on the infection. The juice from the roots are mixed with the juice from the seeds of <i>Croton tiglium</i> and ashes. The resulted mixture is applied on the infection.
63	<i>Oxalis corniculata</i> <i>L</i>	Oxalidaceae	Leaves	The leaves are crushed and applied directly on the skin.
64	<i>Pueraria fetida</i> <i>L</i>	Rubiaceae	Leaves	The leaves are crushed and applied directly on the skin.
65	<i>Pisum sativum</i> <i>L</i>	Fabaceae	Seeds	The crushed form is applied on hair.
66	<i>Piper betel</i> <i>Blaw</i>	Piperaceae	Leaves	The juice extracted from crushing the leaves is applied on the head.

67	<i>Piper nigrum</i> L.	Piperaceae	Fruit	The crushed form of the fruit are mixed with ghee and the product is orally taken
68	<i>Ricinus communis</i> L.	Euphorbiaceae	Leaves	The juice extracted is mixed with Acacia catechu in equal amounts and the crushed mixture is applied on the skin
69	<i>Rosa</i>	Rosaceae	Flower	The rosewater is mixed with milk and curd and the stirred mixture is applied on the face
70	<i>Abrus precatorius</i> L.	Fabaceae	Leaf	Fresh paste of leaves is used to cure scabies
71	<i>Acalypha hispida</i> Burm.f.	Euphorbiaceae	Leaf	Fresh leaf extract is used to treat skin disease
72	<i>Acalypha indica</i> L.	Euphorbiaceae	Leaf	Paste is used to cure scabies
73	<i>Ageratum conyzoides</i> (L.) L.	Asteraceae	Leaf	Fresh leaves extract is used on infected skin
74	<i>Allium sativum</i> L.	Liliaceae	Bulb	<i>Allium</i> paste is used to treat urticaria
75	<i>Aloe vera</i> (L.) Burm.f.	Liliaceae	Leaf	Fleshy/ succulent leaves paste is used over to eczema
76	<i>Alstonia scholaris</i> (L.) R.Br.	Apocynaceae	Leaf Latex	Latex with kusum oil is used to treat scabies
77	<i>Argemone mexicana</i> L.	Papaveraceae	Root	Root is used to treat skin disease
78	<i>Argyreia nervosa</i> (Burm.f.) Boj.	Convolvulaceae	Leaf	Leaves paste externally used to treat skin disease
79	<i>Azadirachta indica</i> A. Juss.	Nim	Leaf	Neem leaves extract is used to cure skin disease
80	<i>Bauhinia acuminata</i> L.	Fabaceae	Bark & Leaf	Bark & leaves paste is used to cure skin disease
81	<i>Bauhinia racemosa</i> Lam.	Fabaceae	Bark & Leaf	Bark & leaves paste is used to cure skin disease
82	<i>Bidens pilosa</i> L.	Asteraceae	Whole plant	To treat skin related problems
83	<i>Borassus flabellifer</i> L.	Arecaceae	Fruits	Pulp is used to treat skin disease
84	<i>Caesalpinia bonduc</i> (L.) Roxb	Fabaceae	Seed	Seed is used to treat skin disease

85	<i>Calotropis gigantea</i> L.	Asclepiadaceae	Leaf latex	Fresh leaf latex is used to treat skin disease
86	<i>Cascabela thevetia</i> (L.) Lippold	Apocynaceae	Leaf	To treat skin disease
87	<i>Cassia fistula</i> L.	Fabaceae	Bud & Flower	Buds & flowers are used to treat skin disease
88	<i>Cestrum nocturnum</i> L.	Solanaceae	Leaf	Leaf paste is used to treat skin disease
89	<i>Cheilocostus speciosus</i> (J. Koenig) C.D. Specht	Costaceae	Root	Root paste is used to treat skin disease
90	<i>Chrozophora plicata</i> A. Juss	Euphorbiaceae	Leaf	Fresh leaf paste is used to treat skin disease
91	<i>Cinnamomum verum</i> J. Presl	Lauraceae	Stem Bark	Bark is used to treat eczema
92	<i>Cleome viscosa</i> L.	Capparidaceae	Leaf	Leaf paste is used to treat skin disease
93	<i>Clerodendrum infortunatum</i> L.	Verbenaceae	Leaf & Root	Leaves & roots are used to treat skin disease
94	<i>Coccinia grandis</i> (L.) Voigt.	Cucurbitaceae	Flower	Flower is used to treat skin disease
95	<i>Combretum decandrum</i> Roxb.	Combretaceae	Seed	Seed oil is used to treat skin disease
96	<i>Crataeva roxburghii</i> R.Br.	Capparidaceae	Stem-bark	Decoction of stem-bark is used to treat skin disease
97	<i>Curcuma amada</i> Roxb.	Amaryllidaceae	Rhizome	Rhizome paste is used to treat skin disease
98	<i>Eucalyptus globulus</i> Labill.	Myrtaceae	Leaf	Leaf decoction is used to treat skin disease
99	<i>Euphorbia pulcherrima</i> Willd.	Euphorbiaceae	Leaf & Flower	Useful to treat skin disease
100	<i>Glycosmis pentaphylla</i> (Retz.) Correa	Rutaceae	Leaf	Leaf paste is used to treat skin disease

IMAGES OF SOME MEDICINAL PLANTS FROM EASTERN INDIA



Bischofia javanica



Basella rubra



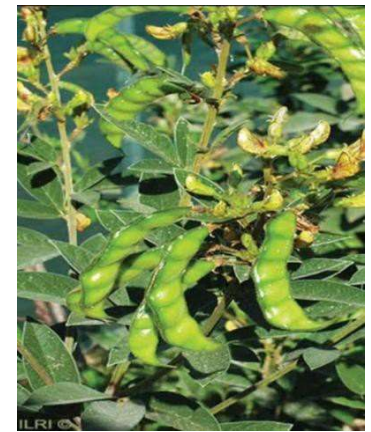
Annona reticulata



Justicia adhatoda



Cocos nucifera



Cajanus cajan



Vigna mungo



Piper hirtum



Rosa rose

Documentation of Medicinal plants used for Treatment of skin diseases.

So here are the list of medicinal plants that are being provided after compilation of surveyed literatures studied on parts of India. Among the plant parts used roots have been the most popular followed by stem bark, leaves, whole plant, seeds and rhizomes. Traditional medicines were prepared in the forms of decoction, paste, infusion, powder or taken fresh. Oral route was reported as the only administration mode among the additional healers in the treatment of fevers.

A list of medicinal plants the scientific names, local name, family, part used, usefulness are enlisted in the table.

TABLE 4 :-LIST OF MEDICINAL PLANTS USED FOR TREATMENT OF SKIN DISEASE FROM WESTERN INDIA

SL NO	Scientific names of plants with voucher no.	Family	Parts used	Uses in diseases
1	<i>Acacia catechu (L.f.) Willd.</i>	Mimosaceae	Root Whole plant	Pruritus
2	<i>Achyranthes aspera L.</i>	Amaranthaceae	Leaf, Whole plant	Boils, eczema
3	<i>Adhathoda zeylanica Medikus PB/GRH. 49</i>	Adhathoda zeylanica Medikus PB/GRH. 49	Leaf, seeds	Scabies
4	<i>Aloe vera (L.) Burm. f. PB/GRH. 107</i>	Liliaceae	Root	All types of skin diseases
5	<i>Amaranthus tricolor L. PB/GRH. 108</i>	Amaranthaceae	Pods	Dandruff, ringworm
6	<i>Ardisia solanacea Roxb. PB/GRH. 109</i>	Myrsinaceae	Whole Plant	Itching due to impure blood
7	<i>Aristolochia indica L. PB/GRH. 110</i>	Aristolochiaceae	Leaf	Pruritus, septic due to skin allergies
8	<i>Azadirachta indica A. Juss. PB/GRH. 34</i>	Meliaceae	Rhizome	Ringworm, scabies
9	<i>Barringtonia racemosa (L.) Sprengel PB/GRH. 50</i>	Barringtoniaceae	Leaf	Septic due to skin allergy
10	<i>Basella alba L. PB/GRH. 150</i>	Basellaceae	Leaf, Roots, Bulb	Boils

11	<i>Biophytum reinwardtii</i> (Zucc.) Klotz. PB/GRH. 151	Oxalidaceae	Leaf and bulb	Scabies
12	<i>Butea monosperma</i> (Lam.) Taubert PB/GRH. 110	Fabaceae	Leaf	Bed sore
13	<i>Callicarpa tomentosa</i> (L.) Murray PB/GRH. 112	Verbenaceae	Whole Plant	Boils, eczema
14	<i>Caesalpinia mimosoides</i> Lam. PB/GRH. 111	Caesalpinaceae	Leaf	Boils
15	<i>Calophyllum inophyllum</i> L. PB/GRH. 113	Clusiaceae	Leaf	Scabies
16	<i>Calotropis gigantea</i> (L.) R. Br. PB/GRH. 79	Asclepiadaceae	Leaf	Eczema, herpes, pruritus, scabies
17	<i>Careya arborea</i> Roxb. PB/GRH. 35	Lecythidaceae	Leaf	Bed sore, sore in intestine
18	<i>Carica papaya</i> L. PB/GRH. 114	Caricaceae	Leaf	Ringworm
19	<i>Cassia fistula</i> L. PB/GRH. 63	Caesalpinaceae	Whole Plant	Itching due to impure blood, eczema, herpes, ringworm, scabies
20	<i>Cassia tora</i> L. PB/GRH. 152	Caesalpinaceae	Leaf	All types of skin diseases, dermatitis, ringworm
21	<i>Cayratia elongata</i> (Roxb.) Susseng. PB/GRH. 153	Vitaceae	Leaf, Bark, young stem	Inter trigo
22	<i>Celastrus paniculatus</i> Willd. PB/GRH. 115	Celastraceae	Whole Plan	Itching due to impure blood
23	<i>Centella asiatica</i> (L.) Urban PB/GRH. 116	Apiaceae	Stem	Dandruff, ringworm
24	<i>Cinnamomum verum</i> J. S. Presl PB/GRH. 117	Lauraceae	Seeds	Boils
25	<i>Cissus discolor</i> Blume PB/GRH. 118	Vitaceae	Root, Latex, Flower, Leaves	Ringworm
26	<i>Citrus aurantifolia</i> (Christm. & Panzer) Swingle PB/GRH. 59	Rutaceae	Fruits	Boils
27	<i>Clerodendrum infortunatum</i> L. PB/GRH. 52	Verbenaceae	Leaf, Root	Scabies

28	<i>Coccinia grandis (L.) Voigt PB/GRH. 119</i>	Cucurbitaceae	Leaf	Boils
29	<i>Crinum asiaticum L. PB/GRH. 120</i>	Liliaceae	Bark	Eczema
30	<i>Crossandra infundibuliformis (L.) Nees PB/GRH. 121</i>	Acanthaceae	Leaf	Eczema, scabies
31	<i>Cryptolepis buchananii R. Br. Ex Roemer & Schultes PB/GRH. 12</i>	Asclepiadaceae	whole Plant	Eczema, herpes, pruritus, scabies
32	<i>Cuminum cyminum L. PB/GRH. 91</i>	Apiaceae	Fruits, Roots	Ear sore
33	<i>Curcuma longa L. PB/GRH. 104</i>	Zingiberaceae	Leaf	All types of skin diseases, eczema, inter trigo, bed sore, scabies
34	<i>Cyclea peltata (Poiret) Hook.f. & Thomson PB/GRH. 122</i>	Menispermaceae	Leaf	Boils
35	<i>Cynodon dactylon (L.) Pers. PB/GRH. 65</i>	Poaceae	Gum, Leaf	Sore nose
36	<i>n Dendranthema indicum (L.) Des Moul. PB/GRH. 53</i>	Asteraceae	Root, leaf, Seed	Boils
37	<i>Dillenia pentagyna Roxb. PB/GRH.123</i>	Dilleniaceae	Fruits	Eczema
38	<i>Diospyros montana Roxb. PB/GRH. 124</i>	Ebenaceae	Rhizome	Eczema, skin sore
39	<i>Diploclisia glaucescens (Blume) Diels PB/GRH. 81</i>	Menispermaceae	Rhizome	Herpes, inter trigo, pruritus, scabies
40	<i>Dracaena terniflora Roxb. PB/GRH. 125</i>	Liliaceae	Whole Plan	Bed sore
41	<i>Eclipta prostrata (L.) L. PB/GRH. 126</i>	Asteraceae	Whole Plant	Dandruff
42	<i>Ficus exasperata Vahl PB/GRH. 128</i>	Moraceae	Wood	Eczema, pruritus, ringworm, scabies
43	<i>Erythrina variegata L. PB/GRH. 127</i>	Fabaceae	Whole Plan	Boils, pruritus, scabies, septic due to skin allergies
44	<i>Ficus religiosa L. PB/GRH. 129</i>	Moraceae	Whole Plan	Pruritus
45	<i>Girardinia diversifolia (Link.) Friis PB/GRH. 45</i>	Urticaceae	Rhizome	Herpes, pruritus, scabies
46	<i>Holarrhena pubescence (Buch.- Ham.) Wallich ex G. Don PB/GRH. 36</i>	Apocynaceae	Whole Plan	Eczema, pruritus
47	<i>Hydnocarpus pentandra (Ham.) Oken PB/GRH. 154</i>	Flacourtiaceae	Whole Plan	Scabies
48	<i>Hygrophila schulli (Ham.) M.R. Almeida & S.M. Almeida PB/GRH. 155</i>	Acanthaceae	Leaf, fruits	Inter trigo
49	<i>Ixora arborea Roxb. ex Smith PB/GRH. 130</i>	Rubiaceae	Latex	Leucoderma

50	<i>Jasminum grandiflorum</i> L. PB/GRH. 131	Oleaceae	Bark	Boils, eczema
51	<i>Jatropha curcas</i> L. PB/GRH. 103	Euphorbiaceae	Whole plan	Eczema
52	<i>Kalanchoe pinnata</i> (Lam.) Pers. PB/GRH. 19	Crassulaceae	Root	Eczema, pruritus
53	<i>Lobelia nicotianifolia</i> Roth ex Roemer & Schultes var. <i>nicotianifolia</i> PB/GRH. 133	Companulaceae	Grain	Boils
54	<i>Macaranga peltata</i> (Roxb.) Muell - Arg. PB/GRH. 134	Euphorbiaceae	Leaf	Boils
55	<i>Madhuca indica</i> J. Gmelin PB/GRH. 71	Sapotaceae	Root, Leaf	Itching due to impure blood, bed sore
56	<i>Mammea suriga</i> (Buch.-Ham. ex Roxb.) Kosterm. PB/GRH. 135	Clusiaceae	Latex	Eczema
57	<i>Mangifera indica</i> L. PB/GRH. 136	Anacardiaceae	Leaf	Pruritus, scabies, septic due to skin allergies
58	<i>Mimosa pudica</i> L. PB/GRH. 31	Mimosaceae	Leaf	Dermatitis, ringworm
59	<i>Momordica dioica</i> Roxb. ex Willd. PB/GRH. 54	Cucurbitaceae	Leaf	Boils
60	<i>Moringa oleifera</i> Lam. PB/GRH. 72	Moringaceae	Whole Plant	Sore at the tip of penis
61	<i>Musa paradisiaca</i> L. PB/GRH. 156	Musaceae	Root	Boils
62	<i>Naravelia zeylanica</i> (L.) DC. PB/GRH. 85	Ranunculaceae	Whole Plant	Sore in buccal cavity
63	<i>Naregamia alata</i> Wight & Arn. PB/GRH. 137	Meliaceae	Whole Plant	Eczema, pruritus, scabies
64	<i>Nelumbo nucifera</i> Gaertner PB/GRH. 157	Nymphiaceae	Root Whole plant	Boils
65	<i>Neolamarckia cadamba</i> (Roxb.) Bosser PB/GRH. 15	Rubiaceae	Leaf, Whole plant	Measles
66	<i>Ocimum americanum</i> L. PB/GRH. 139	Lamiaceae	Leaf, seeds	Dandruff, dark pigmentation on skin
67	<i>Ocimum tenuiflorum</i> L. PB/GRH. 94	Lamiaceae	Root	Dermatitis
68	<i>Paramignya monophylla</i> Wight PB/GRH. 140	Rutaceae	Pods	Boils
69	<i>Pavetta indica</i> L. var. <i>indica</i> PB/GRH. 141	Rubiaceae	Whole Plant	Eczema
70	<i>Plectranthus amboinicus</i> (Lour.) Sprengel PB/GRH. 1	Lamiaceae	Leaf	Bed sore
71	<i>Piper nigrum</i> L. PB/GRH. 106	Piperaceae	Rhizome	Dandruff, pruritus, scabies, eczema, bed sore, boils

72	<i>Plumbago indica</i> L. PB/GRH. 142	Plumbaginaceae	Leaf	Eczema
73	<i>Plumbago zeylanica</i> L. PB/GRH. 5	Plumbaginaceae	Leaf, Roots, Bulb	Eczema
74	<i>Plumeria rubra</i> L. PB/GRH. 87	Apocynaceae	Leaf and bulb	Scabies
75	<i>Pongamia pinnata</i> (L.) Pierre PB/GRH. 9	Fabaceae	Leaf	pruritus, scabies, herpes
76	<i>Psychotria dalzellii</i> Hook.f. PB/GRH. 96	Rubiaceae	Whole Plant	Pruritus
77	<i>Randia dumetorum</i> (Retz.) Poiret PB/GRH. 88	Rubiaceae	Leaf	Herpes, Pruritus, Scabies
78	<i>Rauvolfia serpentina</i> (L.) Benth. ex Kurz PB/GRH. 105	Apocynaceae	Leaf	Herpes, pruritus, scabies
79	<i>Rhinacanthus nasuta</i> (L.) Kurz PB/GRH. 66	Acanthaceae	Leaf	Leucoderma
80	<i>Rhynchosyilis retusa</i> (L.) Blume	Rhynchosyilis retusa (L.) Blume	Leaf	Ear sore
81	<i>Sapindus trifoliata</i> L. PB/GRH. 55	Sapindaceae	Leaf	Pruritus
82	<i>Saraca asoca</i> (Roxb.) de Wilde PB/GRH. 143	Caesalpiniaceae	Whole Plant	Bed sore
83	<i>Securinega leucopyrus</i> (Willd.) Muell. PB/GRH. 144	Euphorbiaceae	Leaf	Boils, Eczema
84	<i>Sesamum orientale</i> var. <i>malabaricum</i> Nan. PB/GRH. 20	Pedaliaceae	Leaf, Bark, young stem	Dandruff
85	<i>Solanum nigrum</i> L. PB/GRH. 145	Solanaceae	Whole Plan	Eczema
86	<i>Vigna radiata</i> (L.) Wil Czek PB/GRH. 147	Fabaceae	Stem	Boils
87	<i>Terminalia cuneata</i> Roth PB/GRH. 159	Combretaceae	Seeds	Itching due to impure blood
88	<i>Ziziphus rugosa</i> Lam. PB/GRH. 148	Rhamnaceae	Root, Latex, Flower, Leaves	Boils
89	<i>Ziziphus xylopyrus</i> (Retz.) Willd. PB/GRH. 149	Rhamnaceae	Fruits	Boils
90	<i>Acorus calamus</i> Linn.	Araceae	Ghoda punch	The root paste is used as therapy for skin disorders.
91	<i>Argemonemexicana</i> L.	Papaveraceae	Darudi	The root decoction is apply in curing skin diseases

92	<i>ArtocarpusheterophyllusLamk.</i>	Moraceae	Phanas	The leaves paste ae used in treating skin diseases
93	<i>Bombaxeiba L.</i>	Bombaceae	Simalo	The bark spines powdered mixed with milk and apply to remove black spots on the skin
94	<i>Brassica juncea(L.)Czem</i>	Cruciferae	Rai	The seed oil is sed as a remedy in skin eruptions
95	<i>Buchanialanzam Spreng</i>	Anacardiaceae	Charoli	The Leaves pulp is applied in curing skin diseases
96	<i>Calotropisgigantean(L) R.Br.</i>	Asclepiadaceae	Sakedakdo	Root bark is used to cure skin diseases.
97	<i>Carica papayaLinn.</i>	Cariaceae	papaiya	The pulp apply externally on face, it improves the beauty of the skin
98	<i>Cassia fistula L.</i>	Caesalpiniceae	Garmalo	The seed paste is used in curing skin disorders.
99	<i>Celosia argenteaLinn.</i>	Amaranthaceae	Lepadi	The leaves extract is remedy is skin eruptions.
100	<i>Centellaasiatica(L) urb.</i>	Apiaceae	Brahmi	The leaves extract is used to cure skin diseases such as leprosy
101	<i>Clerodendroninermis(L.) Gareth</i>	Verbenaceae	Mahendi	The leaves and root extract are used in skin diseases.
102	<i>Crossandrafundibuliformi(L.) Nees</i>	Acanthaceae	Aboli	Bark and turmeric paste is mixed and apply to skin diseases of children.
103	<i>Crotalaria spectabilisRoth.</i>	Papilionaceae	Rattlepod	The plant extract is used as a therapy in skin diseases.
104	<i>CuscutachinensisLam.</i>	Cuscutaceae	Naniamarvel	The whole plant boiled in water and this water is used cure skin infections.
105	<i>Daturamete/Linn</i>	Solanaceae	Dhanturo	Leaves are crushed along with sugar and apply on infected part.
106	<i>Desmodiumtriflorum(L) DC.</i>	Fabaceae	Jinopandariyo	Root extract isused externally in skin diseases.
107	<i>Dyschoristedalzellii (T. Anders. Ex Bedd.)</i>	Acantraceac		The leaves mixture is used to cure skin diseases
108	<i>Eupatorium odoratumL.forma squarrosunkoster</i>	Asteraceae		Leaf pulp is used as a remedy in skin diseases.

109	<i>antiquorumL.</i>	Euphorbiaceae	Tidhari	The stem pulp is used to cure skin diseases such as sores and
110	<i>FicusreligiosaLinn.</i>	Moraceae	Piplo	Bark is crushed with water and apply on boils and pimples
111	<i>GarugapinnataRoxb</i>	Burseraceae	Kakad	Fruit pulp is apply on skin eruptions
112	<i>Gloriosasuperba</i>	Liliaceae	Kankasan	Corn juice is used to cure skin diseases such as leprosy
113	<i>Hemidesmusindicus(Linn.) R.Br.</i>	Asclepiadaceae	Dudhvel	Root juice is preferable in skin infection
114	<i>Impatiens balsaminaL. var.rosea(Lindl.)Hook.f.</i>	Balsaminaceae	_____	Leaf juice is taken in skin diseases.
115	<i>Jasminumsambac(Linn.) Ait</i>	Oleaceae	_____	Leaves paste is applied in skin diseases.
116	<i>JatropacurcasL.</i>	Euphorbiaceae	Ratanjyot	Latex from young shoot is applied on skin diseases.
117	<i>MeliaazedarachL.</i>	Meliaceae	Limbdo	The seeds oil is used externally on skin infections.
118	<i>Mirabilis jalapaLinn.</i>	Nyctaginaceae	Gulbas	The root paste is smeared in scabies and skin disorders

119	<i>Morinda tomentosa</i> Heyne ex. Roth	Rubiaceae	Alande	Leaves are crushed and apply a paste of it on skin disease
120	<i>Nelumbo nucifera</i> Gaertn.	Nymphaeaceae	Kamal	The flower paste is apply on face to increase
121	<i>Parkia biglandulosa</i> Wright & Arn.	Mimosaceae	Chanduphal	The root decoction is used to cure different skin infection
122	<i>Phyllanthus amarus</i> Schum & Thonn.	Euphorbiaceae	Bhonyaamli	The leaf paste with turmeric is taken internally in skin problems.
123	<i>Plumeira rubra</i> Linn.	Apocynaceae	Champo	Bark paste is apply to cure scabies and other skin disorder
124	<i>Pongamia pinnata</i> (Linn.) Pierre	Fabaceae		The leaf oil is used as a remedy in skin disease.
125	<i>Punica granatum</i> L.	Punicaceae	Dadam	The fresh fruit juice is taken to retain skin health.
126	<i>Schleichera oleosa</i> (Lour.) Oken	Sapindaceae	Kusum	The oil is used externally in skin Disorders.
127	<i>Solanum torvum</i> Sw.	Solanum torvum Sw.		The fresh fruit acts as booster the skin health.

128	<i>SpharanthusindicusLin n</i> .	Asteraceae	Gorakh	The leaves powder is used to treat in skin diseases.
129	<i>TerminaliacatappaL.</i>	Combretaceae	Deshibada m	The young leaf paste is applied to cure the skin diseases such as scabies.
130	<i>Trichodesmaindicum(L) Lehm.</i>	Boraginaceae	Undha - Phuli	The root paste is used to treat skin Infection.
131	<i>ZiziphusrugosaLam.</i>	Rhamnaceae	Toran	Leaf paste is used to treat externally on skin diseases.

IMAGES OF SOME MEDICINAL PLANTS FROM WESTERN INDIA



Acacia catechu



Achyranthes aspera



Aloe vera



Cassia fistula



Aristolochia indica



Cayratia elangate



Cassia tora



Amaranthus tricolor



Callicarpa tomentosa

Documentation of Medicinal plants used for Treatment of skin diseases.

So here are the list of medicinal plants that are being provided after compilation of surveyed literatures studied on parts of India. Among the plant parts used roots have been the most popular followed by stem bark, leaves, whole plant, seeds and rhizomes. Traditional medicines were prepared in the forms of decoction, paste, infusion, powder or taken fresh. Oral route was reported as the only administration mode among the additional healers in the treatment of fevers.

A list of medicinal plants the scientific names, local name, family, part used, usefulness are enlisted in the table.

TABLE 5:-LIST OF MEDICINAL PLANTS USED FOR TREATMENT OF SKIN DISEASE FROM CENTRAL INDIA

Sr.no	Scientific name	Common name	Family	Habit	Uses	Methods of preparation
1	<i>Abelmoschus moschatus Medik</i>	Kasturi Bhind	Malvaceae	Herb	Cuts, Wounds	A paste of leaves is applied on the cuts, wounds and sprains. Seeds are also used for same purpose
2	<i>Abrus precatorius L.</i>	Ratti	Fabaceae	Climbing shrub	Ringworm Spot	The juice of root, mixed with the half the amount of the juice of <i>Allium sativum</i> applied on ringworm spot
3	<i>Acacia sinuata (Lour.) Merr</i>	Satala	Mimosaceae	Shrub	Ringworm Spot and Wound	The pods along with <i>Embolica officinalis</i> , <i>Curcuma longa</i> <i>Rubia cordifolia</i> and are recommended for skin ring worm and wound.
4	<i>Acanthospermum hispidum DC</i>	Gokharu	Asteraceae	Herb	Skin infections, wounds etc	paste of whole plants is used to treat skin disease.
5	<i>Achyranthes aspera L</i>	Chirchita	Amaranthaceae	Herb	Skin infections	Leaf juice with a pinch of salt is applied to cure skin infection
6	<i>Adiantum philippense Linn</i>	Hansraj	Adiantaceae	Herb	Dog bites, snake bites	Powder of rhizome applied on area of snake bites and dog bites
7	<i>Ailanthus excelsa Roxb.</i>	Adu, Mahanee	Simaroubaceae	Tree	Skin infections	The leaf powder mixed with whole plant of <i>Solanum xanthocarpum</i> is used for skin

		m				infection
8	<i>Allium sativum</i> L.	Lahsun	Amaryllidaceae	Herb	Wounds ,Bacterial, Viral or on fungal infections leisons	Boil garlic in mustard oil than apply in affected lesion. Garlic in treating wounds. Antiviral, antibacterial, antifungal,antiparasitic
9	<i>Allium tuberosum</i> Roxb.	Ban lahsun	Amaryllidaceae	Herb	Insect bites , wounds etc.	The leaves and bulbs are applied to insect bites, cuts, and wounds
10	<i>Aloe vera</i> (L.) Burm.f	Gwarpatha	Liliaceae	Herb	Dry skin, Rash etc	Leaf pulp is used as a moisturizer
11	<i>Alternanthera sessilis</i> (Linn.) R.Br. Ex DC	Gudari shak	Amaranthaceae	Herb	Burning sensation	The whole plant is used for burning sensation and other skin diseases.
12	<i>Alternanthera pungens</i> Kunth	Katua sake	Amaranthaceae	Herb	Gonorrhea	Decoction of its leaves is taken to treat gonorrhea.
13	<i>Amaranthus spinosus</i> Linn	Chulai	Amaranthaceae	Herb	Scorpion stings and snake bites	Traditionally, leaves are used to treat scorpion sting and snake bite
14	<i>Andrographis paniculata</i> (Burm. fil.) Nees	Kalmegha, kirayat	Acanthaceae	Herb	Tineacrusis,Cut etc.	Leaf juice mixed with cow milk is taken orally twice a day for six to eight days to cure tineacrusis
15	<i>Antidesma zeylanicum</i> Lam	Amti	Euphorbiaceae	Shrub	Snake bites	Leaves are used as an antidote for snake bite.
16	<i>Antigonon leptopus</i> Hook. & Arn	Antigonum	Polygonaceae	Climbing shrub	External skin infections	Paste of fresh leaves applied externally in skin disorders
17	<i>Argemone mexicana</i> L.	Satynasi	Papavaraceae	Herb	All kinds of skin diseases	Pounded seed along with rhizome of Curcuma aromatica made in to paste are applied on all kinds of skin diseases twice a day till recovery
18	<i>Argyreia nervosa</i> (Burm. fil.) Bojer.	Vidhara	Convolvulaceae	Herb	Wound	Leaf paste is applied topically on wounds.

19	<i>Azadirachta indica</i> A. Juss.	Neem	Meliaceae	Tree	Wounds, Cuts, Ringworms, Scabies etc	1 spoon of powder mixed with water/orally thrice in a day/3 days.Effective against skin diseases like ringworms,scabies,wounds
20	<i>Bacopa monnieri</i> (L.) Pernel	Brahmi	Plantaginaceae	Herb	Psoriasis, Eczema etc	Whole plant juice taken orally to reduce such problems
21	<i>Bambusa bambos</i> (L.) Voss	Bans	Poaceae	Shrub	Wounds	Paste of stem applied on wounds
22	<i>Butea monosperma</i> (Lam.)Taub.	Palas	Fabaceae	Tree	General wounds and infections	Seed paste is used to cure skin diseases
23	<i>Calotropis procera</i> (Aiton) R. Br	Arka, Mudar	Asclepiadaceae	Shrub	Boils, Wounds etc.	The leaves and flower are crushed together, made in to pest and applied tropically on boils
24	<i>Carica papaya</i> L	Papita, Papaya	Caricaceae	Tree	Dull skin	Clean and attractive fresh in skin
25	<i>Cascabela thevetia</i> (L.) H. Lippold	Kaner	Apocynaceae	Shrub	Skin ailments and Ring worm	Oil is used externally for skin ailments, and ring worm treatment
26	<i>Cassia alata</i> L.	Dadukapat ta	Fabaceae	Shrub	External skin infections.	Leaf paste mixed with seed oil of Pongamia pinnata applied externally on skin diseases.
27	<i>Cassia fistula</i> L.	Amaltas	Fabaceae	Tree	Fungal skin problems.	Bark is used for fungal diseases.
28	<i>Cassia tora</i> L.	Charota	Fabaceae	Shrub	External skin infections	Paste of leaf is applied over skin to cure infections
29	<i>Centella asiatica</i> (L.) Urb.	Brahmi,Th an kun	Apiaceae	Creeping Herb	Wound, UV damage.	Treatment of wound, and protection of skin ageing damage,UV damage
30	<i>Cicer arietinum</i> L	Gram, Chana	Fabaceae	Herb	Skin freshener, Ring worms.	Powder paste is applied for skin fresheners and also for cure ring worm
31	<i>Clerodendrum infortunatum</i> L	Pumiyau, Bhant	Verbenaceae	Shrub	Common Skin Diseases	The paste of leaf is applied in all types of skin diseases
32	<i>Coccinia grandis</i> (L.) Voigt	Kundururu	Cucurbitaceae	Herb	Bacterial infections and ring worm.	The leaf paste is used as antibacterial and in treatment of ring worm

33	<i>Commiphora wightii</i> (Arn.) Bhandar	Gugul	Burseraceae	Tree	Wrinkles, wound, colour improvement	The paste used in wrinkles and aged skin, skin colour improvement, Wound treatment
34	<i>Crotalaria retusa</i> L.	Khunkuniyan, Devil bean	Fabaceae	Shrub	f, Seed Hairfall, external skin problems	Seed oil is used to treat hair problems, leaf and root paste applied to external skin problems.
35	<i>Cucumis sativus</i> L.	Khira	Cucurbitaceae	Climbing Herb	Skin fresh	Fruits are used as skin fresh.
36	<i>Curcuma aromatica</i> Salisb	Van haldi	Zingiberaceae	Herb	Eczema	The Paste of the rhizome with a 50% of Neem leaves powder is applied on the skin against eczema.
37	<i>Curcuma caesia</i> Roxb	Kali haldi	Zingiberaceae	Herb	Eczema	The Paste of the rhizome with a 50% of Neem leaves powder is applied on the skin against eczema
38	<i>Curcuma longa</i> L.	Haldi, Turmeric	Zingiberaceae	Herb	Stimulation, expectorant, ring worm	Used as stimulative, expectorant, face cream in ring worm etc
39	<i>Cuscuta reflexa</i> Roxb	Amarbe	Convolvulaceae	Herb	Common skin problems	Paste is applied on affected are
40	<i>Dalbergia sissoo</i> DC	Sheesham	Fabaceae	Tree	Skin diseases	Decoction of bark and heartwood are useful in Skin diseases
41	<i>Datura metel</i> L	Dhatura	Solanaceae	Shrub	Swelling of gums, Swelling base of ea	Leaf juice is mixed with a little opium and applied to the affected area to reduce swelling of gums or base of ears
42	<i>Diplocyclos palmatus</i> (L). <i>C. jeffre</i>	Shivlingi	Cucurbitaceae	Climbing herb	Skin Diseases	The seed oil and coconut oil in equal preparation is applied on body in skin disease
43	<i>Dryopteris cochleata</i> (D. Don) C. Chr	Jatashankari	Dryopteridaceae	Herb	Leprosy, Fungal infections, Insect bites etc	Rhizomes are used as antifungal and antidotes to insect bites. It is also used in epilepsy, leprosy, wounds etc.
44	<i>Eclipta prostrata</i> (L.) L	Bhringraj	Asteraceae	Herb	Eczema, Hair problem	Leaf juice is given in eczema and as hair tonic
45	<i>Euphorbia hirta</i> L.	Dudhi	Euphorbiaceae	Herb	Wound, eczema, ring worm	The latex of the plant is applied topically on wounds. Latex is also applied on eczema. The pest of whole plant applied topically on
46	<i>Ficus hispida</i> L. f.	Gobla	Moraceae	Tree	Leucoderma	Fresh leaf juice is applied externally for skin disorders like Leucoderma and fruit juice is given internally for 3 days.
47	<i>Ficus racemosa</i> L	Gullor	Moraceae	Tree	Boils	The latex is applied topically on boils

48	<i>Ficus religiosa</i> L	Peepal	Moraceae	Tree	Skin Diseases	Paste of powdered bark is good for skin diseases
49	<i>Hedyotis corymbosa</i> L.	Davnapattana	Rubiaceae	Herb	Ring worm	leaf paste used on ring worm.
50	<i>Hemidesmus indicus</i> (L.) R. B	Anantmoool	Apocynaceae	Climbing shrub	Gout, syphilis, wound	Skin diseases gout, syphilis and non- healing wound, soft skin
51	<i>Hordeum vulgare</i> L	Jow	Poaceae	Herb	External skin infections.	External skin infections.
52	<i>Ipomoea carnea</i> Jacq.	Beshram	Convolvulaceae	Herb	Cuts, Wounds	The leaves are fried in mustard oil and tied topically on cuts and wound
53	<i>Jasminum angustifolium</i> (L.) Willd	Chameli, Jasmin	Oleaceae	Herb	Dry skin, Rash etc.	The oil used help moisture in the skin to naturally reduce dryness.
54	<i>Jatropha gossypifolia</i> L.	Lal ratanjot	Euphorbiaceae	Shrub	Burn	Latex of plant is applied on burn part of body
55	<i>Kalanchoe pinnata</i> (Lam.) Pers	Patharchatana	Crassulaceae	Herb	Boils, Insect bites, Wounds etc	Tender leaves are crushed and mix with wheat husk,coconut oil to apply on the affected part
56	<i>Lablab purpureus</i> (L.)Swee	Semi, Sem	Fabaceae	Herb	Dull skin	Leaves paste used bleaching cream, and skin cool.
57	<i>Lantana camara</i> L	Machhimudh	Verbenaceae	Shrub	Wounds	Leaf paste is an externally applied to wounds and cuts.
58	<i>Lawsonia inermis</i> L	Mehendi	Lythraceae	Shrub	Dry skin, Mud infections	The leaf paste is applied on cracked heels in rainy season due to mud infection
59	<i>Leea macrophylla</i> Roxb. ex Hornem	Hathikana	Vitaceae	Shrub	Cuts, Swelling	Root paste is applied topically on cuts and swelling.
60	<i>Lens culinaris</i> Medik.	Masoor, Lentil	Fabaceae	Herb	Skin Diseases	Seed pest is known to cure skin diseases
61	<i>Linum usitatissimum</i> L	Alsi	Fabaceae	Herb	Wounds	The paste of whole plant is applied topically on wounds

IMAGES OF SOME MEDICINAL PLANTS FROM CENTRAL INDIA



Butea monosperma



Argyreia nervosa



Allium sativum



Eclipta prostrata



Cucumis sativus L.



Cassia tora



Ricinus communis L.



Oxalis comiculata L.



Madhuca indica

Documentation of Medicinal plants used for Treatment of certain specific skin diseases.

So here are the list of medicinal plants that are being provided after compilation of surveyed literatures studied on parts of India. Among the plant parts used roots have been the most popular followed by stem bark, leaves, whole plant, seeds and rhizomes. Traditional medicines were prepared in the forms of decoction, paste, infusion, powder or taken fresh. Oral route was reported as the only administration mode among the additional healers in the treatment of fevers.

A list of medicinal plants the scientific names, local name, family, part used, usefulness are enlisted in the table.

HARBAL MEDICINAL PLANTS USED IN TREATMENT OF SKIN DISEASES

Table:-6 Medicinal Plants for Treatment of Dermatitis

Sr.No.	Botanical Name	Family	Parts used
1	Quercus	Fagaceae	Bark
2	Motva sylvestris	Malvaceae	flower and leaf
3	Pine Tar (Softwood Tar)		polycyclic aromatic hydrocarbon
4	Pix liquids		oil

Table:-7 Medicinal Plants for Treatment of Psoriasis

S. No	Botanical name	Family name	Plant parts used
1	Aloe vera	Liliaceae	Leaf
2	Alpinia galanga	Zingiberaceae	Rhizome
3	Angelica sinensis	Apiaceae	Root
4	Andrographis nallamalayanna	Acanthaceae	Whole plant

5	<i>Annona squamosa</i>	Annonaceae	Rhizome and leaf
6	<i>Argemone mexicana</i> L.	Papavaraceae	Root
7	<i>Azadirachta indica</i> A. Juss.	Meliaceae	Leaves, bark and stem
8	<i>Caesalpinia bonducella</i>	Caesalpiniaceae	Leaves
9	<i>Calendula officinalis</i>	Compositae	Flowers
10	<i>Capsicum annum</i>	Solaneceae	Leaves
11	<i>Cassia fistula</i> L.	Caesalpiniaceae	Fruit pulp
12	<i>Matricaria recutita</i> [chamomile pumpkin]	Asteracea	Flowers
13	<i>Phyllanthus simplex</i>	Phyllanthaceae	Whole plant

Table:-8 Medicinal Plants for Treatment of Acne

S.No	Common Name	Botanical Name	Family
1	Kattha	<i>Acacia catechu</i>	Leguminosae
2	Garlic	<i>Allium sativum</i>	Liliaceae
3	Arhar	<i>Cajaniis cajan</i>	Leguminosae
4	Calendula	<i>Calandula officiiialis</i>	Compositae
5	Lemon	<i>Citrus lemone</i>	Rutaccae
6	Jangli Haldi	<i>Curcuma aromalica</i>	Zingiberaceae
7	Tesu	<i>Butea frondasa</i>	Leguminosae
8	Kapas		Zingiberaceae
9	Methi	<i>Trigonella Foenum</i>	Lvegumnosae
10	Khaskhas	<i>Vetiver zizinoids</i>	Gramineac

Table:-9 Medicinal Plants for Treatment of Boils

S.No	Name of the Species	Local name	Family
1	<i>Acacia farnesiana</i> (Linn.) Willd	Chingonglei hangampal	Mimosaceae
2	<i>Allium sativum</i> Linn.	Chanam	Liliaceae
3	<i>Alocasia fornicata</i> (Roxb.) Schott	Yendem	Araceae
4	<i>Arisaema tortuosum</i> (Wall.) Schott	Lin cheisu	Araceae
5	<i>Azadirachta indica</i> A.Juss	Neem	Meliaceae
6	<i>Basella alba</i> Linn	Urok sumbal	Basellaceae
7	<i>Bauhinia acuminata</i> Linn.	Chingthrao angouba	Caesalpiniaceae
8	<i>Capparis tenera</i> Dalz	Kakyel khujin	Capparaceae
9	<i>Capsella bursa-pastoris</i> Medikus	Chamtruk	Brassicaceae
10	<i>Carica papaya</i> Linn.	Awathabi	Caricaceae
11	<i>Coriandrum sativum</i> Linn	Phadigom	Apiaceae
12	<i>Curcuma caesia</i> Roxb	Yaimu	Zingiberaceae
13	<i>Cyperus rotundus</i> Linn.	Sembang Kaothum	Cyperaceae
14	<i>Emblica officinalis</i> Gaertn.	Heikru	Euphorbiaceae
15	<i>Emilia sonchifolia</i> (Linn.) DC	Tera paibi macha	Asteraceae
16	<i>Eupatorium birmanicum</i> DC	Langthrei	Asteraceae
17	<i>Ficus religiosa</i> Linn.	Sana khongnang	Moraceae
18	<i>Houttuynia cordata</i> Thunb	Toningkok	Saururaceae
19	<i>Ipomoea aquatica</i> Forssk.	Kolamni	Convolvulaceae
20	<i>Ipomoea batatas</i> (Linn.) Lamk	Manggra	Convolvulaceae
21	<i>Isoetes debii</i> Sinha	Shorbol	Isoetaceae

22	<i>Jatropha curcas</i> Linn.	Awa kege	Euphorbiaceae
23	<i>Juglans regia</i> Linn. var. <i>kumaonia</i> C.DC	Heijuga	Juglandaceae
24	<i>Kaempferia rotunda</i> Linn.	Leibaklei	Zingiberaceae
25	<i>Kalanchoe pinnata</i> (Lamk.) Salisb	Mana hidak	Crassulaceae
26	<i>Lantana camara</i> Linn	Thirei / Nongbanlei	Verbenaceae
27	<i>Leucaena leucocephala</i> (Lamk.) de Wit	Chingonglei angouba	Mimosaceae
28	<i>Luffa aegyptiaca</i> Mill.	Sebot	Cucurbitaceae
29	<i>Lycopersicon esculentum</i> Mill	Khamen ashinba	Solanaceae
30	<i>Nicotiana plumbaginifolia</i> Viv	Meitei hidak mana	Solanaceae
31	<i>Plantago erosa</i> Wall	Yempat	Plantaginaceae

Table:-10 Medicinal Plants for Treatment of Scabies

S.No	Common Name	Botanical Name	Family	Pant Part used
1	Kattha	<i>Acacia catechu</i>	Leguminosae	Leaf paste mixed with mustard oil is applied externally
2	Bojho	<i>Acorus calamus</i> L	Araceae	Rhizome is crushed to paste
3	Uneu	<i>Adiantum incisum</i> Forssk	Adiantaceae	Fronde is squeezed between thumb and then juice is applied
4	Chutro	<i>Berberis aristata</i> DC	Berberidaceae	Bark is crushed and applied externally
5	Bhimsenpati	<i>Buddleja asiatica</i> Lour	Loganiaceae	Young leaves are crushed with a piece of turmeric

6	Bhang, Ganja	Cannabis sativa L	Cannabaceae	Crushed leaves are rubbed on the affected areas
7	Kalo dhaturu	Datura metel L	Solanaceae	Seeds are crushed and cooked in mustard oi
8	Jhingani, Pate, Tegar	Eurya acuminata DC	Theaceae	Juice of leaves
9	Bar	Ficus bengalensis L	Moraceae	Bark power
10	Gular	Ficus recemosa L	Moraceae	Bark power

Table:-11 Medicinal Plants for Treatment of Warts

S.No	Common Name	Botanical Name	Family	Method of use
1	Haldi	Curcuma domestica	Zingeberace	Rhizome paste is applied
2	Dudhi	Euphorbia hirata	Euphorbiaceae	Latex of plant is applied
3	Rurchaiii	Tephrosia vdlosa	Pappilionace	Tea of fresh roots is taken
4	Podophyllum	Podophyllum hexandrum	Berberidaceae	Alcoholic extract is applied
5	Khaskhas	Vetiver zizanoides	Graminae	Paste of root powder is applied.

DISCUSSION AND CONCLUSIONS

Total of 462 plants belong into different families have been documented for their therapeutic use against skin diseases and as herbal care from different parts of India. From Northern India 100 plants have been collected. From Southern India 70 plants have been collected. From Eastern India 100 plants have been collected. From Western India 131 plants have been collected. From Central India 61 plants have been collected. The plant part used ranged from roots, stems, leaves, barks to flowers, fruits and even the whole plants itself. The remedies which involve the use of a single plants could be of great interest for the development of novel drugs as a exploration of therapeutic activity bearing ingredients from a single plant may be easier. However in most cases it has been found that the combination of plant parts from the same plant or from different plants give more effective results rather than individual plant part. The mode Of application of the different plant parts discussed in this paper is topical as well as oral administration which reveals that the tribal people have sound knowledge about the systemic mode of the diseases and there application keeping in mind there side -affects. The traditional knowledge gained from tribal people can be considered to be very authentic since they have a constant relationship with there sorruding environment, and the utility of the medicine plants by them is an out came of tribal and error method.

The documentation of such knowledge play an important role in framing the health polisy for the people and also for the extraction and characterizion of the bio -active compounds. So that people from different regeion can make use of it.

This type of documentation or compliation can Provide are data base of indigenous plants so that such information could be spread to the

upcoming generations world wide for wild application and Scientific validation.

However some species are facing threats due to deforestation through progressive urbanisation pollution, forest and habitat destruction, global warming and over exploitation of important species and over exploitation of important species, cultivation and harvesting for which they require immediate attention for their conservation which plants are *Saraca accoca* (Vulnerable species), *Argemone maxicana*. The ecologists should also pay much attention towards research research studies on conservation status and population behaviour of such species. Undoubtedly, this will help in developing an appropriate strategy for conservation of important plant species of the region, and also to preserve genetic diversity

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