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## AN INVESTIGATION OF THE PROPERTIES OF INDIAN HERBAL REMEDIES

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#### **ABSTRACT**

Traditional Indian medicine, or Ayurveda, is still one of the ancient methods still practiced today. India has been effective in marketing its remedies through increased research and a scientific approach, although more comprehensive study and evidence base are still required. More and more studies are being performed on the potential therapeutic effects of medicinal plants, particularly those that have been identified to be antioxidants, antidiabetic, anti-inflammatory, anthelmintic, antibacterial, antimycobacterial, anticholesterol-lowering, antiwound-healing, cytotoxic, acaricidal, neuroprotective, and cardiovascular disease-preventing. In rural India, seventy percent of the population is dependent on traditional medical care. In this sense, it was necessary to document how extensively the locals use several of the natural medicinal plants included in the article. Through research of the ethno pharmacological claims made by various traditional practices, a variety of nutraceutical combinations have made their way onto the global market. As the primary US Federal Government organization for scientific study in this field of medicine, the National Center for Complementary and Alternative Medicine was recently established.

**KEYWORDS:** Medicinal plant, Ayurvedic, Pharmaceuticals.

## INTRODUCTION

According to the World Health Organization (WHO), a "medicinal plant" is any plant whose organs contain substances that can be used for therapeutic purposes or as constituents in the synthesis of other drugs. [1] In India, approximately 3000 plant species are known to have medicinal values, while another report claims that a total of 2500 plants are used in traditional medicine, with 100 of them being used on a regular basis. Indigenous herbal medicine is useful not only for conservation of biodiversity, but also for health - care and drug discovery. [2] The world's largest producer of medicinal plants is India, which is also known as the botanical garden of the globe. The Ayurvedic system now has roughly 250,000 recognized medical practitioners, compared to the 700,000 practitioners of contemporary medicine. The traditional form of medicine known as Ayurveda is used by 70% of the population in rural India.<sup>[3]</sup> In order to produce Ayurvedic, Unani, Siddha, and tribal medicines on a regular basis, 400 plants are used. Around 75% come from tropical forests, and 25% from temperate woods. 30% of remedies derive from roots, 14% from bark, 16% from entire plants, 5% from flowers, 10% from fruits, 6% from leaves, 7% from seeds, 3% from wood, and 4% from rhizomes. 20% of

the species used are wild; only 6% of the stems are grown. [4] Aspirin, digoxin, quinine, and opium are just a few of the medications that are regularly prescribed by medical professionals and are derived from plant sources. Numerous studies in the field have revealed that a variety of substances, including alkaloids, flavonoids, Terpenoids, polysaccharides, lactones, and glycoside derivatives, are too responsible for changes in the activities.<sup>[5]</sup> immunomodulatory Α pathogenic microbiological agent, such as pathogenic viruses, pathogenic bacteria, fungus, protozoa, multicellular parasites, or abnormal proteins known as prions, should be present for an infectious disease to manifest clinically. [6] In order to advance research, it is necessary to isolate active compounds from plants that can be used to develop novel, effective medicines.<sup>[7]</sup> Indian cuisine uses a variety of herbs and spices, including ajwain (ajwan), anise, amchur, bay leaf, hing (asafoetida), cardamom, cinnamon, cumin, coriander, turmeric, clove, and cardamom. All of these are utilized in Ayurveda medicine, either as dietary supplements pharmaceuticals.[3]

Table 1.An Indian selection of herbal medicines with a list of their Medicinal applications

		ndian selection of her	oai medicines with a ii		inai applications	D. e
S. No.	Common name	Botanical name	Family	Part of plant	Medicinal uses in disease	Refer- ence
1)	Bell Weed	Dipteracanthus prostratus	Acanthaceace	leaves	anti-cancer, hypoglycemic, anti- inflammatory, anti-ulcer and anti- oxidant activities	[29]
2)	Soriul	Dicliptera bupleuroides	Acanthaceae	Seed, Leaf	Decoction of seeds and leaves with water very useful in dysentery, respiratory and urinary tract infections, digestive disorders, sexual problems, skin diseases, liver ailments, wound healing, blood vomiting, malaria, piles, epilepsy, jaundice, gummosis, round worms, hepatitis	[2]
3)	Talmakhana	Hygrophila auriculata	Acanthaceae	Seed	Root is used for rheumatism, inflammation, jaundice, hepatic obstruction, pain, whole plant extract used in treatment of urinary infection, gout, hepatic obstruction and as a diuretic.	[2]
4)	Bhasma	Justicia adhatoda	Acanthaceae	Leaf, Flower	Juice of leaves and flowers used in cough, fever, coryza, respiratory problems	[2]
5)	Baj	Acorus calamus L	Acoraceae	Root	Headache, Anti-bacterial, anti- helmintic ,Fever, asthma, bronchitis, cough, digestive problems (gas, bloating, colic)	[2]
6)	Pyaj	Allium cepa L.	Amaryllidaceae	Bulb	Roasted warm bulb is eaten in abdominal pain and skin diseases, and also used in malaria, diarrhea and wounds with antimicrobial, antioxidant properties.	[2]
7)	Achar	Buchanania cochinchinensis	Anacardiacea	Leaf	Very effective in dental pain when gargle the juice twice daily, asthma, cancer.	[2]
8)	Gunjhinganj	Lannea coromandelica	Anacardiaceae	Bark	Paste of bark is applied on cuts to stop bleeding and wound healing while juice use in jaundice and liver pain.	[2]
9)	Sada Bahar	Vincea rosea/ catharanthusRoseu s	Apocyanace	Whole Plant	Leukemia, Hypotensive, Antispasmodic, Atidotes.	[3]
10)	Sarpgandha	Rauvolria Serpentina	Apocynaceae	Root	Hyper tension, insomnia.	[3]
11)	Aak	Calotropis gigantea	Apocynaceae	Leaf	Warmed fresh leaves used in wound, toothache, earache, epilepsy, diarrhea and mental disorders	[2]
12)	Karunda	Carissa spinarum L	Apocynaceae	Root	Used in rheumatism, having strong purgative property so used as one of the ingredients in some purgative preparations	[2]
13)	Dhodhi	Holarrhena pubescens	Apocynaceae	Latex	Useful in ring worm when latex applied on affected part also useful in constipation, colic, and diarrhea.	[2]
14)	Bach	Acorus Calamus	Araceae	Rhizome	Sedative, analgesic, epilepsy, hypertensive	[3]
15)	Brahmni	Hydrocotyle sibthorpioides	Araliaceae	Leaf	Leaf juice is administered orally in Manasdaurbalya (mental disorder)	[2]

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					also used in various problems as dysentery, diarrhea, piles, rheumatism, digestive, diuretic, vermifuge, menstrual problem.	
16)	Bird's Head Birthwort	Aristolochia ornithocephala	Aristolochiaceae	leaves	Iatrogenic disease, renal disease.	[34]
17)	Gudmar	Gymnema sylvestre	Asclepiadaccae/Apoc ynaceae	Leaf	Hydrocil, Asthma, Boiled leaves with til-oil when applied externally 3-4 drops twice per day used for eyes to reduce pain. Direct use of milky juice from crushed fresh leaves when applied once daily for 3 day also helpful in eye problems along with antidiabetic properties.	[3,2]
18)	Anantamool/s ariva	Hemibi smus Indicus	Asclepiadaceae	Root/ Leaf	Appetizer, Carminative, aphrodisiac, Astringent.	[3]
19)	Shatavari /katerwali vel	Asparagus racemosus	Asparagaceae	Tuber Root, Rhizome	Enhance lactation, general weekness, Fatigue, Cough & Root powder administered orally as aphrodisiac, also used in stomachache, urinary disorders, Nervous disorders, inflammation, liver diseases, infectious disease	[3,2]
20)	Safed Musli	Asparagus curillus	Asparagaceae	Root	Root powder is administered as sexual tonic, along with dysuria, diabetes and dysentery.	[2]
21)	Banpyaja	Drimia indica	Asparagaceae	Bulb	Juice of bulb is used in cough, bronchitis, nematode infection, pyrexia ,dropsy, respiratory ailment, bone and joint complications, skin disorders, epilepsy and cancer	[2]
22)	Mahameda	Polygonatum cirrhifolium	Asparagaceae	Root	Tonic and root powder is administered orally as anti-inflammatory, analgesic, antidiarrheal, antimicrobial, antioxidant and antimalarial	[2]
23)	Meda	Polygonatum verticillatum	Asparagaceae	Rhizome	Tonic and powder of rhizomes is administered orally as aphrodisiac, emollient, cardio tonic, carminative, sialagogue, stimulant	[2]
24)	Bhringaraj	Eclipta prostrata/erecta/al ba	Asteraceae	leaves	Antimicrobial, anticancer, hepatoprotective, neuroprotective and hair growth promoting activities.	[32]
25)	Goatweed	Ageratum conyzoides	Asteraceae	Leaf	Leaves paste is very useful in wound healing, treatment of leprosy, diarrhea, dysentery, intestinal colic, rheumatism, fever.	[2]
26)	Nil kanthi, Ratpatia	Jacobaea nudicaulis	Asteraceae	Whole plant	Plant juice applied in eye diseases, wound, fever and some skin diseases	[2]
27)	Bakal	Anaphalis triplinervis	Asteracese	Leaf	Used in wounds and skin diseases, important in flu, fever, nausea and eye infections.	[2]
28)	Kambal	Berberis aristata	Berberidaceae	Root	Root extract used in eye diseases, diarrhea, jaundice, skin diseases, syphilis, chronic rheumatism, urinary disorders, diabetes, and jaundice and Gastro intestinal problem.	[2]
29)	Kilmorha	Berberis chitria	Berberidaceae	Root	Root extract is very useful in higher fever, jaundice, diabetes, stomach disorders, rheumatism, eye, ear and	[2]

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					skin disease	
20)	D1		D. ( L	NT 4	Direct use of nut or its tonic use as	[2]
30)	Bhotia badam	Corylus colurna L.	Betulaceae	Nut	diuretic, aphrodisiac	. ,
					antioxidant, antidiabetic, anti-	
					inflammatory, anthelmintic,	
					antibacterial, antimycobacterial,	
31)	Calabash Tree	Crescentia cujete	Bignoniaceae	leaves	anticholesterol, antivenom, wound	[36]
					healing, safety	
					potentials, cytotoxic, acaricidal,	
					neuroprotection, and antiangiogenic,	
32)	Lasura	Cordia myxa L	Boraginaceae	Fruit	Fruit are very useful in common cold	[2]
32)	Lusuru	·	Doragmaccac	Truit	and cough	
33)	Guggal	Commiphora	Burseraccae	Extract	Rheuma tised, arthritis, paralysis,	[3]
	Guggai	wightii	Bulletuceuc	Entract	laxative.	
					Hot decoction of bark used in wound,	[2]
34)	Sallai	Boswellia serrata	Burseraceae	Bark	chronic inflammatory diseases,	[2]
					diarrhea.	
35)	Ashok	Saraca asoca	Caesalpinanceae	Bark	Menstrual Pain, uterine, disorder,	[3]
	-		r		Diabetes.	
					antipyretic and antidiarrheal, scabies,	
					inflammation, rheumatic pains, blood	
	A	CI		1	problems, uterine complaints,	
36)	Asian Spider	Cleome	Capparidaceae	leaves, roots,	malaria, counteract diabetic	[23]
ŕ	Flower	viscosa/icosandra		and seeds	hyperglycemia, treat paralysis,	
					anthelmintic problems, epilepsy,	
					convulsions, spasm, pain, and skin disease.	
					Oral administration of plant use for	
					wound healing along with various	
37)	Vishkanya	Morina longifolia	Caprifoliaceae	Whole plant	activities as antimicrobial, cytotoxic,	[2]
					antiulcer, hypoglycemic.	
					Boiled solution of fruits and seeds	
					with oil use in piles, gout,	
					rheumatism, cold, dysentry,	
					diarrhoea, leprosy, snake bite, wound,	
20)		Celastrus		T	anti-spasmodic, carminative and	[2]
38)	Malkangani	paniculatus	Celastraceae	Fruit, Seed	antihelmintic properties and also used	[2]
					for treatment of epilepsy, mental	
					ailments, chronic diarrhea, dysentery,	
					bronchial catarrh, intermittent fevers	
					and tumors, pneumonia, leucorrhoea	
					The powder mixture of 10gm with	
					opium seeds (10gm), almond (5gm),	523
39)	Kusum	Euonymus tingens	Celastraceae	Whole plant	kali mirch (5gm) and bansh mishri	[2]
					(10gm) used orally in kidney stone	
					and eye diseases.	
					Paste of leaves useful in Bala-shosha	
40)	Vaikal	Gymnosporia	Celastraceae	Leaf	(a condition in which child is	[2]
,		spinosa			emaciated) when applied and rubbed	
					on back.	
					Leave's juice very useful to ear	
41)	Kumkum	Cleome viscosa	Cleomaceae	Leaf	diseases, anthelmintic, antiseptic,	[2]
					carminative, antiscorbutic, sudorific,	
	1				febrifuge, and cardiac problems	
42)	Kokum	Garcinia indica	Clusiaceae	Fruit	treat inflammation, dermatitis, and	[11]
		T!			diarrhea, and to promote digestion	
43)	Harida	Terminalia Chabala	Combretaceae	Seed	Trifala, wound ulcer, leprosy,	[3]
44)	A min	Chebula	Combustassa	Doc1-	inflammation, Cough.	[2]
44)	Arjun	Terminalia arjuna	Combretaceae	Bark	Bark is very useful to treatment of	r = 1

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					pneumonia, fractures, ulcers, hepatic and shows hypocholesterolemic, antibacterial, antimicrobial, antitumoral, antioxidant, antiallergic and antifeedant, antifertility and anti- HIV activities.	
45)	Arjun Tree	Terminalia arjuna	Combretaceae	Stem bark	Antibacterial, antimicrobial, antitumoral, antioxidant, antiallergic and antifeedant, antifertility and anti-HIV activities.	[20]
46)	Kanchara	Commelina benghalensis	Commelinaceae	Leaf	paste of leaves used for curing swelling as honeybee biting	[2]
47)	Kankowa	Commelina paludosa	Commelinaceae	Whole plant	Decoction of plants with water used in treatment of sexual impotency	[2]
48)	Vringraj	Eclipta alba	Compositae	Seed/ whole	Anti-inflammatory, Digestive, hairtonic.	[3]
49)	Bahada	TerminaliaBelleric a	Comretaceae	Seed, Bark	Cough, Insomnia, Dropsy, Vomiting, Ulcer, Trifala.	[3]
50)	Sanjwanboata	Kalanchoe pinnata	Crassulaceae	Leaf	Paste of leaves is used over wounds for healing.	[2]
51)	Gulakhari	Solena heterophylla	Cucurbitaceae	Tuber	Tubers are eaten as vegetables to control hiccough, asthma, nausea and incisions; useful to control malaria, diabetes, toothache and various disorders as gastrointestinal, respiratory and vascular disorders.	[2]
52)	Hapusha	Juniperus communis	Cupressaceae	Green wood	Excessive appetite and smoke of green wood is used in tuberculosis and respiratory disease, along with antioxidant and antimicrobial activities	[2]
53)	Bhumi amlaki	Phyllanthus amarus	Euphorbiaccae	Whole Plant	Aenimic, jaundice, Dropsy	[3]
54)	Amla	Emblica officinalis	Euphorbiaceae	Fruit	Vitamin – C, Cough, Diabetes, cold, Laxative, hyper acidity.	[3]
55)	Bellyache Bush	Jatropha gossypiifolia	Euphorbiaceae	leaves, stems, roots, seeds, and latex	antimicrobial, anti-inflammatory, antidiarrheal, antihypertensive, and anticancer	[30]
56)	Castor Oil Plant	Ricinus communis L	Euphorbiaceae	leaves	hepatoprotective, anti-nociceptive, antioxidant, antiulcer, anticancer, anti-inflammatory, central analgesic, antidiabetic, antimicrobial, antiviral, and wound healing activity, Warm fresh leaves are smeared and applied on affected part for wound healing with antimicrobial, toxicological and anti-inflammatory activity	[2,21]
57)	Liquirice (Mulethi)	Glycyrrhiza glabra	Fabaceae	stem	respiratory disorders, hyperdipsia, epilepsy, fever, sexual debility, paralysis, stomach ulcers, rheumatism, skin diseases, hemorrhagic diseases, and jaundice	[15]
58)	Kaincha	Mucuna Truriens	Fabaceae	Root, Hair, Seed, Leaf	Nervous, Disorder, Constipation, Nephroaphy, Strangury, Dropsy	[3]
59)	Dhak, Palash	Butea monosperma	Fabaceae	Flower, Gum	The flower extract with water useful in gastritis [2]. Gum from bark known as Bengal Kino useful in treatment of ulcer, diarrhea,	[2]

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68)	Chirata	Swartia chirata	Gentianaccae	Whole Plan	Skin Disease, Burning, censation,	[3,2]
67)	Amaltas	Cassia fistula	Fabaceae	leaves, seeds, root, pulp, fruit, and bark	Antidiabetic, hepatoprotective (liver protecting), antipyretic, anti-inflammatory, hypolipidemic, antioxidant, antitussive, antimicrobial, antiparasitic, antitumor, anti-itching, antileishmanial, wound healing.	[18]
66)	Urad dal	Vigna mungo	Fabaceae	Fruit	Paste of fruits applied over fractured bone to join also helpful to control urinary tract infections, sexually transmitted diseases	[2]
65)	Babul	Vachellia nilotica	Fabaceae	Whole plant	Leaves have chemoprventive, anitmutagenic, anti-bacterial, anticancer, astringent, anti-microbial, anti-ulcers, anti-inflammatory activities, The roots are used in cancers, tuberculosis and indurations of liver and spleen, Bark is very useful as antibacterial, antioxidant, anti-mutagenic, cytotoxic, astringent, acrid cooling, styptic, emollient, anthelmintic, aphrodisiac, diuretic, expectorant, emetic, nutritive, in hemorrhage, wound ulcers, leprosy, leucoderma, small pox, skin diseases, biliousness, burning sensation, toothache, leucoderma, dysentery and seminal weakness.	[2]
64)	Kaural	Roylea cinerea	Fabaceae	Leaf	Fresh leaves juice is useful in diabetes, mouth discases and throat diseases, including antioxidant and antimicrobial activities, to provide strength to liver and protect skin from infection.	[2]
63)	Salparni	Pleurolobus gangeticus	Fabaceae	Leaf	Paste of fresh leaves is applied on affected part for wound healing and used for toothache, chest pains, and fungal infections.	[2]
62)	Shikanta	Mimosa rubicaulis	Fabaceae	Leaf	Leaf paste used in skin disease when applied directly on affected part, along with various other problems as bronchitis, cholera, cough, dyspepsia, fever, jaundice, smallpox, syphilis and tuberculosis.	[2]
61)	Chimi	Lablab purpureus	Fabaceae	Whole plant	Fresh juice is dropped in earache, and used as antidiabetic, antiinflammatory, analgesic, antioxidant, cytotoxic, hypolipidemic, antimicrobial, insecticidal, hepatoprotective, antilithiatic, antispasmodic.	[2]
60)	Chowkhara	Cajanus scarabaeoides	Fabaceae	Leaf	activities  Crushed or rubbed leaves applied in throat disease, chewed in tonsillitis, Heptoprotective and immense medicinal potentia.	[2]
					antioxidative, anti-inflammatory, hepatoprotective and anti-cancer	

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86)	Maida	Litsea glutinosa	Lauraceae	Bark	The bark is used to relieve pain,	[2]
85)	Dalchini	Cinnamomum Zeylanicum	Lauraceae	Bark, Oil	Bronchitis, Asthma, Cardiac, Disorder, Fever	[3]
84)	Nirgundi	Vitex negundo	Lamiaceae	Leaf	with anti-inflammatory, anticonvulsant, antioxidant, bronchial relaxant, hepatoprotective properties.	[2]
					A syrup of leaves with rice and water given orally to treat gonorrhea ,along	[0]
83)	Van Ajwain	Thymus serpyllum	Lamiaceae	Leaf	Leaves used as spice to control dyspepsia	[2]
82)	Vantulsi	Origanum vulgare	Lamiaceae	Whole plant	Urinary disorder can be cure by oral decoction of whole plant various activities as antifungal and antihyperglycemic activity also reported.	[2]
81)	Masipatha	Micromeria biflora	Lamiaceae	Whole plant	Whole plant is administered orally with milk to control fever, Sciatica, arthritis, skin disease.	[2]
80)	Pipermint	Mentha longifolia	Lamiaceae	Leaf	Juice or powder of leaves uses in common fever, coryza, rheumatism, dysentery, Dyspepsia.	[2]
79)	Guma	Leucas cephalotes	Lamiaceae	Guma	Orally use of whole plant used in fever and decoction ,Asthma, cough	[2]
78)	Daya	Callicarpa macrophylla	Lamiaceae	Fruit	Very helpful in urinary disorders, skin problem, diarrhea, defecation and hair care	[2]
77)	Catmint	Anisomeles indica	Lamiaceae	Leaf	Fresh leaves as well as greenish parts contain volatile oil used in treatment of cough and cold, chronic rheumatism, psoriasis, snake bites.	[2]
76)	Pippermint	Mentha pipertia	Lamiaceae	Leaves, Flower, Oil	Digestive ,pain killer,Anti-obesity, antimicrobial, anti-inflammatory, anti-diabetic, and cardioprotective effects, as a result of its antioxidant potential	[3]
75)	Tulsi	Ocimum sanctum	Lamiaceae	Leaves/Seed	Cough, Cold, bronchitis, expectorand	[3]
74)	Pashan Bheda	Saxtragus ligulata	Lamiaceae	Rhizome	Kidny stone, Calculus.	[3]
73)	Saffron Kesar	Crocus sativus	Iridaceae	Flower	Antispasmodic, eupeptic, sedative, carminative, diaphoretic, expectorant, stomachic, stimulant, aphrodisiac, emmenagogue and abortifacient.	[16]
72)	Chhingewali	Hypericum japonicum	Hypericaceae	Whole plant	Plant powder is used as snuff for nose disease, along with hepatoprotective activity, protecting liver injury and hepatotoxicity.	[2]
71)	Nageswar	Mesua Ferrea	Guttiferae	Bark, Leaf, Flower	Asthma, Skin, Burning, Vomiting, Dysentry, Piles.	[3]
70)	Black currant	Ribes nigrum	Grossulariaceae	Leaf	The extracted oil and juice useful as an antioxidant source and in treating rheumatoid arthritis and night and fatigue-related visual impairment, antimicrobial and anticancer.	[2]
69)	Laljari	Geranium wallichianum	Geraniaceae	Root	Root extract useful in backache, gout, bone strengthening, hepatitis, liver problems, premature delivery.	[2]
					administered orally to control fever, skin disease, dyspepsia, diarrhea with antipyretic, antifungal, hypoglycemic properties	
					fever, Decoction of whole plant is	

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					arouse sexual power, produce a	
					soothing effect on the body and arrest	
					bleeding. Bark paste is applied to bind fractured limbs.	
					treat arthralgia, chest pain,	
		Barringtonia		leaves and	dysmenorrhoea, inflammation,	[28]
87)	Barringtonia	acutangula	Lecythidaceae	stems	haemorrhoids, diarrhoea, and	[20]
		o o			psychological disorders	
00)	IZ -1'1'	Cl : 1	T '1'	DL:	Skin Disease, Labour pain, Abortion,	[3]
88)	Kalihari	Gloriosa superba	Liliaceae	Rhizome	General debility.	
89)	Senna (Sanai)	Cassia angustifolia	Liliaceae	Dry Tubers	Rheumatism, general debility tonic, aphrodisiac.	[3]
90)	Gritkumari	Aloe Vera	Liliaceae	Leaves	Laxative, Wound healing, Skin burns & care, Ulcer.	[3]
					Tonic and decoction of root used as	
01)	17.1.1	7 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	T '11'	Dest	refrigerant, galactagogue,	[2]
91)	Kakoli	Lilium polyphyllum	Liliaceae	Root	expectorant, aphrodisiac, diuretic,	. ,
					antipyretic and tonic.	
92)	Kochila	Strychinos nuxvomica	Loganiaceae	Seed	Nervous, Paralysis, healing wound.	[3]
93)	Gokhur	Tribulus Terrestris	Lygophyllaceae	Whole Plant	Sweet cooling, Aphrodisiac,	[3]
/			78-F 7		appetizer, Digestive, Urinary	
94)	Henna/Mehdi	Lawsennia iermis	Lytharaceae	Leaf, Flower,	Burning, Steam, Anti Inflammatory	[3]
) <del>14</del> )	Heima/Mendi			Seed	Burning, Steam, And Inflammatory	
				Seed	Fruit is very useful to worm	
	Dadim	Punica granatum	Lythraceae	Fruit	infestation with antimicrobial,	[2]
95)					antioxidant, and anticancer, anti-	
					inflammatory and anti-cancerous	
					activities.	
	Singhara,Wat er chestnut	Trapa natans	Lythraceae	Nut	Nuts are very useful in diarrhea,	
96)					dysentery, cardiac diseases, and	[2]
					blood pressure with having antimicrobial, cytotoxic activities.	
					analgesic, anti-	
97)	Apple	Sonneratia caseolaris	Lythraceae	seeds and	diarrhoea, Antibacterial, Anti-	[19]
	Mangrove			pericarps	Diarrhoeal	
00)	N	Azardirchata –	M-1	D1.'	Sdedative, analgesic, epilepsy,	[3]
98)	Neem	indica	Mahaceae	Rhizome	hypertensive.	(-1
					Antioxidant, anti-aging and multidrug	
	Barbados				resistant reversal, anti-HIV,	[27]
99)		Cherry Malpighia glabra	Malpighiaceae	fruit	antibacterial, antifungal, anti-	[27]
					Helicobacter pylori and MDR	
					reversal activity Fresh roots with young plant of	
					Bombax ceiba used in the treatment	
					of leucorrhea in female and sexual	
					impotency in male. Seeds are	
					diuretic, aphrodisiac, ophthalmic,	
					cardiotonic, digestive, stomachic,	
		Abelmoschus			constipating, carminative, stimulant,	
100)	Jangali bhindi	moschatus	Malvaceae	Root, Seed	antispasmodic, cardiac debility,	[3]
		mosciams			cough, asthma, bronchitis,	
					hyperdipsia, burning sensation,	
					nausea, dyspepsia, flatulent colic,	
					diarrhea, strangury, gonorrhea,	
					spermatorrhea, calculi, halitosis, ptyalism, vomiting and other neural	
					disorders, leukoderma, and general	
		l .	l		arsoracis, reakoucima, and general	

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					debilit	
					Leaves paste applies over wounds	
					with good property of pain killer and	
					improve gynecological disorders. The	
101)	Saimul	Bombax ceiba L	Malvaceae	Leaf, Root	formulation of root with leaves of	[2]
					Dalbergia sissoo is used in sexual	
					impotency.	
102)	Kamraj	Byttneria herbacea	Malvaceae	Root	Root paste used in fever and	[2]
102)	Hannaj	Byuneria neroacea	1viai vaccac	11001	leucorrhoea	
					Orally use of crushed roots used in	
103)	Atanda	Helicteres isora	Malvaceae	Root	excessive appetite, empema and	[2]
103)	Atanua	Helicieres isora	Marvaceae	Root	stomachic, having antioxidant and	
					anticancer properties.	
					Tonic of stem bark and root powder	
104)	D I	G: 1 1:C 1:	M.1	D. of D. d	is given in general debility as	[2]
104)	Denusha	Sida cordifolia	Malvaceae	Root, Bark	stomatitis, blenorrhea, asthmatic	[-]
					bronchitis, nasal congestion.	
					Tonic and paste of whole plant is	
					administered orally with milk to	ra)
105)	Bara Mamas	Urena lobata	Malvaceae	Whole plant	control urinary problems and sexual	[2]
					transmitted diseases.	
					Paste of root is applied in headache,it	
			Meliaceae	Root	has also various activities as	
106)	Dekrain	Melia azedarach			anthelmintic, antilithic diuretic,	[2]
,					astringent, stomachic, anticancer,	
					antimalarial, analgesic, anti-	
					inflammatory activities.	
107)	Guluchi /	Tinospora	Menispermaceae	Stem	Gout, Pile, general debility, fever,	[3]
107)	Giloe	cordifolia	Weinspermaceae	Stem	Jaundice	
108)	Bengal Sage	Meriandra	Moraceae	leaves	antimicrobial, antioxidant and	[31]
100)	Deligal Sage	benghalensis	Wioraccac	icaves	cytotoxic activities	
					Gastrointestinal problems treated by	
					using 50-100 ml fresh juice of leaves	
					with water for about 10 days, Bark	
					and root show hypoglycaemic and	
109)	Timul, Timil	Ficus auriculata	Moraceae	Whole plant	anthelmintic activity, The extract	[2]
,					inhibits insulinase activity from liver	
					and kidney. Fruit extracts exhibits	
					anti-tumour activity, Leaves exhibit	
					hypotensive activity.	
					The milky latex of fruit with sugar	
					used in treatment of sexual impotency	
					, Leaf, fruit, bark are useful in central	
110)	Bargad	Figus banahalansis	Moraceae	Fruit, Bark	nervous system, endocrine system,	[2]
110)	Dargau	Ficus benghalensis	IVIOIACEAE	Truit, Dark		
					gastrointestinal tract, reproductive	
					system, respiratory system and	
					infectious disorders.	
					Fruits are beneficial in lung and	
					bladder diseases. Along with these	
111)	Bedu	Ficus palmata	Moraceae	Fruit	are good source of minerals,	[2]
,		P CONTROLLER			phosphorus and a small amount of	
					Vitamin C, the latex is useful in	
					wound healing.	
					Specified decoctions of fruit, stone	<u></u>
					and bark are claimed to be beneficial	
					in cardiac debility, edema and	
112)	kafal, Kaphal	Morella esculenta	Myricaceae	Fruit, Bark	hemoptysis; wax from fruit covering	[2]
	, 1			,	used for ulcer healing, along with	
					anti-inflammatory activity and anti	
					tumour activities.	
					tumour activities.	

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113)	Vai Vidang	Embelia ribes	Myrsinaceae	Fruit,root leaves	Skin disease, Snake Bite, Helminthiasis.	[3]
			· ·	leaves	Bark extracts useful diabetes, sore	
114)	Jamun	Syzygium cumini	Myrtaceae	Bark	throat, bronchitis, asthma, thirst,	[2]
114)	Janun	Syzygium cumini	Wryttaccac	Dark	biliousness, dysentery and ulcers.	
					Juice of fresh roots is used as eye	
115)	Punarnava	Boerhavia diffusa	Nyctaginaceae	Root	drops, very useful tonic to liver	[2]
					problem, jaundice, asthma with	
					antimicrobial activity.	
					Juice of leaves is applied on affected	
					part to cure skin diseases, along with	
116	G:	Nyctanthes arbor-	01	T C	immunologic, antiallergic,	[2]
116)	Siyari	tristis	Oleaceae	Leaf	antihistaminic, purgative, and	
					antibacterial and cytotoxicity,	
					antipyretic and ulerogenic, anti -	
					Inflammatory activity.	
117)	) // 1 ·		0.111	D .	Energetic tonic from roots cure	[2]
117)	Mishri	Satyrium nepalense	Orchidaceae	Root	various fever including antibacterial,	[-]
					antipneumonia properties.	
					antidiabetic, antihypertensive,	
118)	Bilimbi	Averrhoa bilimbi	Oxalidaceae	leaves	thrombolytic, antimicrobial,	[33]
- /					antioxidant, hepatoprotective, and	
					hypolipidemic agent	
					Juice of plant is used to cure various	
119)	Chilmora,	Oxalis corniculata	Oxalidaceae	Whole plant	eye diseases such as motiabind, along	[2]
117)	Salmosi	Oxans connentant	Oxunduceuc	, note plant	with it used in bacterial diseases,	
					dysentery, diarrhea, skin disease.	
	Bara Gokhru	Pedalium murex		leaves and stems, flowers	Anti- hyperlipidemia, Anti-	
			Pedaliaceae		nephrolithiatic, Nephroprotective,	[26]
120)					Antiulcer, Anti-inflammatory,	
					Antioxidant, Antibacterial,	
					Hepatoprotective.	
		Phyllanthus emblica	Phyllanthaceae	Whole plant	Fruit are rich in polyphenols,	
	Amla				minerals and regarded as one of the	[2]
					richest source of Vit. C.	
					Therapeutically it has energy refilling	
121)					potential, aperient, antibacterial,	
/					antifungal, antiviral activities, along	
					with gonorrhea, analgesic and skin	
					fairness, and to stop nausea and	
					vomiting, antitumor and	
	-				hepatoprotective activity.	
122)	Long pepper	Piper longum	Piperaceae	Fruit	Appetizer, enlarged spleen,	[3]
	(Pippal)	1 0	1		Bronchitis, Cold, antidote.	
					Powder of fruits is administered	
100	D: "	D: 1	D'		orally to cure cough, respiratory tract	[2]
123)	Pippali	Piper longum	Piperaceae	Fruit	bronchitis, asthma, analgesic,	[4]
					muscular pains, inflammation,	
					hematinic, carminative.	
					improve intestinal health,	[10]
124)	Isabgol	Plantago ovata	Plantaginaceae	Husk/Seed	hypoglycemic effect,	[10]
					immunomodulatory effect	
					Seed powder is useful in dysentery,	
125)	Isabgol	Plantago major	Plantaginaceae	Seed	wound healing, anti-inflammation,	[2]
123)	1500501	1 minuso mujor	1 minuginaceae	5000	analgesic, antioxidant, and antiulcer	
					genic activity.	
_				Root,	Appetiser, Antibacterial, Anticancer	
126)	Swet chitrak	Plumbago	Plumbaginaceae	Rootbar,	& Paste of root and fruit is applied on	[3,2]
126)	Swet Cintrak	Zeylanica	1 Iumbagmaceae		affected part for wound healing and	
,		Dejianica		Fruit	also having anti-atherogenic,	

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1271   Rakta Chitrak   Plumbago Indica   Plumbaginaceae   Root, Root bar extendites, ulcers and elimination of intestinal purasities.   119     1280   Amiloraha   Rumex hastatus   Polygonaceae   Root, Root bar   Uses in decoction when administered orally for skin discases, leaf june is good for abdominact colic inclination and antitubre-tuoissy properties   129   Jangali puluk   Rumex nepalensis   Polygonaceae   Leaf   June or prowder of leaves is useful in administration and antitubre-tuoissy properties with wound healing and anti-allergic properties   130   Chalmora   Rumex vesicarius   Polygonaceae   Leaf   Leaf   Leaves are good source of anti-allergic properties   131   Arrow Leaf   Monochoriu   Pondoveed   Monochoriu   Pondoveed   Monochoriu   Pondoveed   Monochoriu   Pondoveed   Monochoriu   Pondoveed   Leaf   Pondoveed   Leaf   Passe of fresh leaves with vegetable place and cocon out sive year did place and cocon out sive year did in turning and huming and huming seasotion.   121   Pondoveed   Pondoveed   Leaf   Passe of fresh leaves with vegetable place and cocon out sive year did in huming and huming and huming seasotion.   121   Pondoveed		1	T				
127						cardiotonic, hepatoprotective and	
Rakin Chitruk							
Rakta Chitrak   Plumbago Indica   Plumbaginaceae   Rast, Rout							
Rakta Chitrak   Plumbago Indica   Pumbaginaceae   Root, Root   Independent of cough   Independent of the cough   Independent   Inde							
127  Rakta Chitrak   Plumbago Indica   Plumbaginaceae   Root, Root   Indipose   Root Root   Root Root   Root Root   Root Root							
128)   Amloraha   Rumex hastatus   Polygonaceae   Root, Leaf   Uses in decoction when administered orally for skin diseases, leaf juice is good for administered orally for skin diseases, leaf juice is good for administered orally for skin diseases, leaf juice is good for administered and antituher-ulosis properties and antituher-ulosis properties and antituher-ulosis properties.   121					Doot Doot		
128)   Amloraha   Ramex hastatus   Polygonaceae   Root, Leaf   Geoction who administed orally for skin diseases, leaf juice is good for abdominal colic, including Antioxidant and anticholinestense and antituberculosis properties   Juice or powder of leaves is useful in abdominal colic and skin diseases with wound healing and anti-allergic properties   Juice or powder of leaves is useful in abdominal colic and skin diseases with wound healing and anti-allergic properties   Juice or powder of leaves is useful in abdominal colic and skin diseases with wound healing and anti-allergic properties   Leaves are good source of antioxidants with good antibacterial properties.   Polygonaceae   Leaf   Leaves are good source of antioxidants with good antibacterial properties.   Polygonaceae   Leaf   Leaves are good source of antioxidants with good antibacterial properties.   Polygonaceae   Leaf   Pondweed   Pon	127)	Rakta Chitrak	Plumbago Indica	Plumbaginaceae			[3]
129					- Our		
23   Amloraha   Rumex hestatus   Polygonaceae   Root, Leaf   Good for abdominal colic, including   Amichalm and including and including and including and including and including properties.   130   Chalmora   Rumex vesicarius   Polygonaceae   Leaf   Justice or powder of leaves is useful in abdominal colic and skin diseases with wound healing and anti-allergic properties.   Leaf   Leaf   Leaves are good source of antioxidants with good antibacterial properties.   131   Arrow Leaf   Monochoria hastata   Pontederiaceae   leaves   Amindaminatory, Analgesic/Anti-Nociceptive Activity   122   132   133   Silver Oak   Grevillear robusta   Proteaceae   Leaf   Paste of fresh leaves with vegetable ghee and occonut oil very useful in burning and burning sensation.   123   133   Ber   Ziziphus jujuba   Ramanaceae   Whole plant   Ziziphus jujuba   Ramanaceae   Whole plant   Proteaceae   Leaf   Proteaceae   Proteaceae   Leaf   Proteaceae   Pr							
Antioxidant and anticholinesterase and antituberculosis properties   129   Jangali palak   Rumex nepalensis   Polygonaceae   Leaf   Juice or powder of leaves is useful in abdominal colic and skin diseases with wound healing and anti-allergies properties   130   Chalmora   Rumex vesicarius   Polygonaceae   Leaf   L	128)	Amloraha	Rumex hastatus	Polygonaceae	Root, Leaf		[2]
129   Jangali palak   Rumex nepalensis   Polygonaccae   Leaf   Justice or prowder of leaves is useful in abdominal colic and skin diseases with wound healing and anti-altergic properties   121	120)			1 ory gomes and	11001, 2011		
Jangali palak   Rumex nepalensis   Polygonaceae   Leaf   Juice or powder of kawes is useful in additional colic and sin diseases with wound healing and anti-allergic properties.   Leaf   Leaves are good source of antioxidants with good antibacterial properties.   Leaves are good source of antioxidants with good antibacterial properties.   Leaves are good source of antioxidants with good antibacterial properties.   Pondweed   Pondweed   Paste of fresh leaves with vegetable good properties.   Paste of fresh leaves with vegetable good particular and control very useful in burning and burning sensation.   Proteaceae   Leaf   Paste of fresh leaves with vegetable good particular and liver strength along with diuretic emollient and expectorant properties. Diricd fruits useful as anticaneer, pectoral, refrigerant, improve muscular and liver strength along with diuretic emollient and expectorant properties. Diricd fruits useful as anticaneer, pectoral, refrigerant, sustend as a sustainties, provided the result of palpitations, insommia, nervous exhaustion, night weath and excessive perspiration A decoction of the roof has been used internally interaction of the roof has been used in the treatment of palpitations, insommia, nervous exhaustion, night weath and excessive perspiration A decoction of the roof has been used in the treatment of leaver, wound and ulcer treatment. The leaves are applied in liver troubles, asthma and fever.    1340   Atees   Aconitum ferox   Ranunculaceae   Rhizome   Fever, cough, piles, stomachache   Paste							
129)   Jangali palak   Rumex nepalensis   Polygonaceae   Leaf   abdominal colic and skin diseases with wound healing and anti-allergic properties   1. Eaves are good source of anti-ordants with good unibacterial properties.   131)   Arrow Leaf   Monochoria hastata   Pondweed h							
130   Chalmora   Rumex vesicarius   Polygonaceae   Leaf   with wound healing and anti-allergic properties   Leaves are good source of antioxidants with good antibacterial properties   Leaves are good source of antioxidants with good antibacterial properties   121	120)	7 1 1 1 1	, , ,	D 1	T 6		[2]
130	129)	Jangali palak	Rumex nepalensis	Polygonaceae	Leaf		[-]
130   Chalmora   Rumex vesicarius   Polygonaceae   Leaf   Leaf   antioxidants with good antibacterial properties.   121   131)   Arrow Leaf   Monochoria   hastata   Pontederiaceae   leaves   anti-inflammatory, Analgesic/Anti-Nociceptive Activity   122   132)   Silver Oak   Grevillea robusta   Proteaceae   Leaf   Paste of recsh leaves with vegetable ghee and coordinate in liver strength along with diuretic, emblient and burning sensation.   Delicious fruits used to increase weight, stamina, improve muscular and liver strength along with diuretic, emblient and exectorant properties. Dried fruits useful as anticancer, pectoral, refrance, emblient and exectorant properties. Dried fruits useful as anticancer, pectoral, refraints, improve muscular and liver strength along with diuretic, emblient and exectorant properties. Dried fruits useful as anticancer, pectoral, refraints and excessive perspiration A decoction of the root has been used in the treatment of palpitations, insomnia, nervous exhaustion, night sweats and excessive perspiration A decoction of the root has been used in the treatment of the retreatment of the retreatment of the root has been used in the treatment of the root has been used in the treatment of the root has been used in the treatment of the root has been used in the treatment of the root has been used in the treatment of diarning and properties and digestive antipyretic, analgesic, anti-rheumatic, appetizer and digestive and the rorganic action in the treatment of diarning and has a minimal properties, Vitamin-E, carotenoids, L-ascorbic acid and other organic acid in folt medicine for their exadative, antipyretic, antidiarnic, and properties, vitamin-E, carotenoids, L-ascorbic acid and other organic acid in folt medicine for their exadative, antipyretic, antidiarnic, and properties along with treatment of various skin diseases, Seeds used in diarnhea, dysentery, cough, sore throat and bronchit							
131						Leaves are good source of	
131   Arrow Leaf   Pondweed   Pontederiaceae   leaves   Anti-inflammatory, Analgesic/Anti-Nastata   Pontederiaceae   leaves   Anti-inflammatory, Analgesic/Anti-Nastata   Proteaceae   Leaf   Paste of fresh leaves with vegetable ghee and coconut oil very useful in burning analation.   Potencial with the plant   Proteaceae   Leaf   Pontederiaceae   Pruntus   Pontederiaceae   Leaf   Pontederiaceae   Leaf   Pontederiaceae   Pontederiaceae   Leaf   Pontederiaceae	130)	Chalmora	Rumex vesicarius	Polygonaceae	Leaf	antioxidants with good antibacterial	[2]
131) Pondweed hastata Pontederiaceae leaves Nociceptive Activity 1  132) Silver Oak Grevillea robusta Proteaceae Leaf Paste of fresh leaves with vegetable ghe and coconut oil very useful in burning and burning sensation.  133) Ber Ziziphus jujuba Ramanaceae Whole plant and liver strength along with diuretic, emollient and expectorant properties. Diricd fruits useful as anticancer, pectoral, regirant, sedative, stomachache, blood purifier. Seeds are used internally in the treatment of palpitations, insomnia, nervous exhaustion, night sweats and excessive perspiration A decoction of the root has been used in the treatment of fever, wound and ulcer treatment. The leaves are applied in liver troubles, asthma and fever.  134) Atees Aconitum Ranunculaceae Rhizome Fever, cough, piles, stomachache heterophyllum Ranunculaceae Rhizome Particulation and allow the readment of diarrhea and the readment of various skin diseases, Seeds used in diarrhea, dysentheria, candidarrhea, dysentheria, candidarshea, dysenthis, its standard and bronetiery, cough, sore throat and bronetiery and absmall allergic rhinitis and adshma						properties.	
132   Silver Oak   Grevillea robusta   Proteaceae   Leaf   Paste of Fresh leaves with vegetable ghe and coconut oil very useful in burning and burning sensation.   Delicious fruits used to increase weight, stamina, improve muscular and purning sensation.   Delicious fruits used to increase weight, stamina, improve muscular and purning and burning sensation.   Delicious fruits used to increase weight, stamina, improve muscular and purnifer. Seeds are used internally in the treatment of palpitations, insommia, nervous exhaustion, night sweats and excessive perspiration A decoction of the root has been used in the treatment of rever, wound and ulcer treatment. The leaves are applied in liver troubles, asthma and lever.   Ranunculaceae   Rhizome   Fever, cough, piles, stomachache   Rhizome   Fever, cough, piles, stomachache   Rosaceae   Fruit   The juice of the ripe fruit is used in the treatment of diarrhea antioxidants properties, and other organic acids in folk medicine for their sedative, antipyretic, anti-theumatic, appetizer and digestive   Leaf, Seed	131)		Monochoria	Pontadariacasa	100000		[22]
Silver Oak   Grevillea robusta   Proteaceae   Leaf   ghee and coconut oil very useful in burning and burning sensation.   Calcium for the protein of the p	131)	Pondweed	hastata	ronteuerraceae	icaves		
133   Ber   Ziziphus jujuba   Ramanaceae   Whole plant   District semantic continuence   Pear   Pear   Ramanaceae   Whole plant   Pear   Pea							F23
Ber   Ziziphus jujuba   Ramanaceae   Whole plant   Whole plant   Ziziphus jujuba   Ramanaceae   Whole plant   Siziphus jujuba   Siziphus	132)	Silver Oak	Grevillea robusta	Proteaceae	Leaf	· ·	[2]
Ber   Ziziphus jujuba   Ramanaceae   Whole plant   Whole plant   Whole plant   Seeds are used internally in the treatment of palpitations, insommia, nervous exhaustion, night sweats and excessive perspiration A decoction of the treatment of fever, wound and ulcer treatment. The leaves are applied in liver troubles, asthma and fever.   134)   Atees   Aconitum   Ranunculaceae   Rhizome   Fever, cough, piles, stomachache   121							
Ber   Ziziphus jujuba   Ramanaceae   Whole plant   Ramanaceae   Whole plant   Simplified   Sim							
Ber   Ziziphus jujuba   Ramanaceae   Whole plant   Prunus   Ramanaceae   Whole plant   Prunus   Prun							
Ber   Ziziphus jujuba   Ramanaceae   Whole plant   Whole plant   Whole plant   Prunus   Pru							
Ber   Ziziphus jujuba   Ramanaceae   Whole plant   Prunus   Ramanaceae   Whole plant   Prunus   Prun						emollient and expectorant properties.	
Stomachache, blood purifier. Seeds are used internally in the treatment of palpitations, insomina, nervous exhaustion, night sweats and excessive perspiration A decoction of the root has been used in the treatment of fever, wound and ulcer treatment. The leaves are applied in liver troubles, asthma and fever.    134  Atees							
133   Ber   Ziziphus jujuba   Ramanaceae   Whole plant   are used internally in the treatment of palpitations, insomnia, nervous exhaustion, night sweats and excessive perspiration A decoction of the root has been used in the treatment. The leaves are applied in liver troubles, asthma and fever.							
palpitations, insomnia, nervous exhaustion, night sweats and excessive perspiration A decoction of the root has been used in the treatment of fever, wound and ulcer treatment of fever.    134  Atees	122)	Don	Zizinhua iuiuha	Domonogogo	Whole plant		[2]
Sexhaustion, night sweats and excessive perspiration A decoction of the root has been used in the treatment of fever, wound and ulcer treatment. The leaves are applied in liver troubles, asthma and fever.    134  Atees	133)	Ber	Zizipnus jujuba	Ramanaceae	Whole plant		[2]
Second of the root has been used in the treatment of fever, wound and ulcer treatment. The leaves are applied in liver troubles, asthma and fever.							
the root has been used in the treatment of fever, wound and ulcer treatment. The leaves are applied in liver troubles, asthma and fever.  134) Atees Aconitum heterophyllum Ranunculaceae Rhizome Fever, cough, piles, stomachache  135) Vatsnabh (Vish) Aconitum ferox Ranunculaceae Rhizome antipyretic, analgesic, anti-rheumatic, appetizer and digestive  136) Indian wild pear Rosaceae Fruit The juice of the ripe fruit is used in the treatment of diarrhea  Leaves having phenolic compounds as antioxidants properties, Vitamin-E, carotenoids, L-ascorbic acid and other organic acids in folk medicine for their sedative, antipyretic, anti-diarrheic and antitussive properties along with treatment of various skin diseases, Seeds used in diarrhea, dysentery, cough, sore throat and bronchitis, intestinal colic and constipation and also used for allergic rhinitis and asthma  138) Khubani Prunus Properties Indiarrhei Prunus Properties and Italication of Prunus Prunus Properties Indiarrheic Prunus Properties Indiarrheic Prunus Prunus Properties Indiarrheic Prunus Indiarrheic Indiarrhe							
treatment of fever, wound and ulcer treatment. The leaves are applied in liver troubles, asthma and fever.  134) Atees Aconitum heterophyllum Ranunculaceae Rhizome Fever, cough, piles, stomachache antipyretic, analgesic, anti-rheumatic, appetizer and digestive appetizer and digestive Truit appetizer and digestive Truit as antipyretic, analgesic, anti-rheumatic, appetizer and digestive Truit appetizer and digestive Truit appetizer and digestive Truit as antipyretic, appetizer and digestive Truit appetizer and di							
treatment. The leaves are applied in liver troubles, asthma and fever.  Ranunculaceae Rhizome Fever, cough, piles, stomachache [8,14]  Vatsnabh (Vish) Aconitum ferox Ranunculaceae Rhizome antipyretic, analgesic, anti-rheumatic, appetizer and digestive  Indian wild pear Rosaceae Fruit The juice of the ripe fruit is used in the treatment of diarrhea  Leaves having phenolic compounds as antioxidants properties, Vitamin-E, carotenoids, L-ascorbic acid and other organic acids in folk medicine for their sedative, antipyretic, antidiarrheic and antitussive properties along with treatment of various skin diseases, Seeds used in diarrhea, dysentery, cough, sore throat and bronchitis, intestinal colic and constipation and also used for allergic rhinitis and asthma  Rosaceae Fruit The fruit having high in carotene and [2]							
134) Atees   Aconitum   Ranunculaceae   Rhizome   Fever, cough, piles, stomachache   [8,14]     135)   Vatsnabh (Vish)   Aconitum ferox   Ranunculaceae   Rhizome   Rhizome   antipyretic, analgesic, anti-rheumatic, appetizer and digestive   The juice of the ripe fruit is used in the treatment of diarrhea   [2]     136)   Indian wild pear   Amelanchier canadensis   Rosaceae   Fruit   The juice of the ripe fruit is used in the treatment of diarrhea   Leaves having phenolic compounds as antioxidants properties, Vitamin-E, carotenoids, L-ascorbic acid and other organic acids in folk medicine for their sedative, antipyretic, anti-diarrheic and antitussive properties along with treatment of various skin diseases , Seeds used in diarrhea, dysentery, cough, sore throat and bronchitis, intestinal colic and constipation and also used for allergic rhinitis and asthma   Prunus   Prun							
134) Atees Aconitum heterophyllum Ranunculaceae Rhizome Fever, cough, piles, stomachache [8,14]  135) Vatsnabh (Vish) Aconitum ferox Ranunculaceae Rhizome antipyretic, analgesic, anti-rheumatic, appetizer and digestive appetizer and digestive The juice of the ripe fruit is used in the treatment of diarrhea [2]  136) Indian wild pear Canadensis Rosaceae Fruit Leaves having phenolic compounds as antioxidants properties, Vitamin-E, carotenoids, L-ascorbic acid and other organic acids in folk medicine for their sedative, antipyretic, antidiarrheic and antitussive properties along with treatment of various skin diseases, Seeds used in diarrhea, dysentery, cough, sore throat and bronchitis, intestinal colic and constipation and also used for allergic rhinitis and asthma  138) Khubani Prunus Rosaceae Fruit The fruit having high in carotene and [2]							
135   Vatsnabh (Vish)   Aconitum ferox   Ranunculaceae   Rhizome   Rhizome   Rhizome   Amelanchier canadensis   Rosaceae   Fruit   The juice of the ripe fruit is used in the treatment of diarrhea as antioxidants properties, Vitamin-E, carotenoids, L-ascorbic acid and other organic acids in folk medicine for their sedative, antipyretic, antidiarrheic and antitussive properties along with treatment of various skin diseases , Seeds used in diarrhea, dysentery, cough, sore throat and bronchitis, intestinal colic and constipation and also used for allergic rhinitis and asthma   Prunus	124)	A4	Aconitum	D	Dhiman		[8,14]
136)   (Vish)   Acontum ferox   Ranunculaceae   Rinizome   appetizer and digestive	134)		heterophyllum	Ranuncuiaceae	Rilizonie		
Indian wild pear Rosaceae Fruit The juice of the ripe fruit is used in the treatment of diarrhea  Leaves having phenolic compounds as antioxidants properties, Vitamin-E, carotenoids, L-ascorbic acid and other organic acids in folk medicine for their sedative, antipyretic, antidiarrheic and antitussive properties along with treatment of various skin diseases, Seeds used in diarrhea, dysentery, cough, sore throat and bronchitis, intestinal colic and constipation and also used for allergic rhinitis and asthma  Prunus  Rosaceae  Fruit  The juice of the ripe fruit is used in the treatment of diarrhea  Leaves having phenolic compounds as antioxidants properties, Vitamin-E, carotenoids, L-ascorbic acid and other organic acids in folk medicine for their sedative, antipyretic, antidiarrheic and antitussive properties along with treatment of various skin diseases, Seeds used in diarrhea, dysentery, cough, sore throat and bronchitis, intestinal colic and constipation and also used for allergic rhinitis and asthma  Prunus  Prunus  Prunus  Prunus  The fruit having high in carotene and	135)		Aconitum ferox	Ranunculaceae	Rhizome		[17]
pear canadensis  Rosaceae  Fruit the treatment of diarrhea  Leaves having phenolic compounds as antioxidants properties, Vitamin-E, carotenoids, L-ascorbic acid and other organic acids in folk medicine for their sedative, antipyretic, anti-diarrheic and antitussive properties along with treatment of various skin diseases , Seeds used in diarrhea, dysentery, cough, sore throat and bronchitis, intestinal colic and constipation and also used for allergic rhinitis and asthma  138) Khubani  Prunus  Rosaceae  Fruit the treatment of diarrhea  Leaves having phenolic compounds as antioxidants properties, Vitamin-E, carotenoids, L-ascorbic acid and other organic acids in folk medicine for their sedative, antipyretic, anti-diarrheic and antitussive properties along with treatment of various skin diseases , Seeds used in diarrhea, dysentery, cough, sore throat and bronchitis, intestinal colic and constipation and also used for allergic rhinitis and asthma  [2]	133)		Ţ.	Ranuncuiaceae	Kilizoffic		
Bihi  Cydonia oblonga  Rosaceae  Leaf, Seed  Leaf, Seed  Leaf, Seed  Leaf, Seed  Leaf, Seed  Leaf, Seed  Rosaceae  Leaf, Seed  Leaf, Seed  Leaf, Seed  Leaf, Seed  Leaf, Seed  Leaf, Seed  Rosaceae  Leaf, Seed  Rosaceae  Leaf, Seed  Leaf, Seed  Leaf, Seed  Leaf, Seed  Leaf, Seed  Leaf, Seed  Rosaceae  Leaf, Seed  Rosaceae  Leaf, Seed  Leaf, S	136)	Indian wild		Rosaceae	Fruit		[2]
as antioxidants properties, Vitamin-E, carotenoids, L-ascorbic acid and other organic acids in folk medicine for their sedative, antipyretic, anti-diarrheic and antitussive properties along with treatment of various skin diseases, Seeds used in diarrhea, dysentery, cough, sore throat and bronchitis, intestinal colic and constipation and also used for allergic rhinitis and asthma  138) Khubani Prunus  Rosaceae  Leaf, Seed  Leaf, Seed  Leaf, Seed  as antioxidants properties, Vitamin-E, caroteneids, L-ascorbic acid and other organic acids in folk medicine for their sedative, antipyretic, anti-diarrheic and antitussive properties along with treatment of various skin diseases, Seeds used in diarrhea, dysentery, cough, sore throat and bronchitis, intestinal colic and constipation and also used for allergic rhinitis and asthma  138) Khubani Prunus  Posseeae  Fruit  The fruit having high in carotene and		pear	canadensis				
Bihi  Cydonia oblonga  Rosaceae  Leaf, Seed  Leaf, Seed  Leaf, Seed  Leaf, Seed  Carotenoids, L-ascorbic acid and other organic acids in folk medicine for their sedative, antipyretic, antidiarrheic and antitussive properties along with treatment of various skin diseases, Seeds used in diarrhea, dysentery, cough, sore throat and bronchitis, intestinal colic and constipation and also used for allergic rhinitis and asthma  Prunus  Possesses  Fruit  The fruit having high in carotene and [2]							
Bihi  Cydonia oblonga  Rosaceae  Leaf, Seed  Leaf, Seed  Leaf, Seed  Leaf, Seed  Cydonia oblonga  Rosaceae  Rosaceae  Rosaceae  Rosaceae  Leaf, Seed  Leaf, Seed  Cydonia oblonga  Rosaceae  Rosaceae  Rosaceae  Rosaceae  Rosaceae  Fruit  The fruit having high in carotene and [2]							
Bihi  Cydonia oblonga  Rosaceae  Leaf, Seed  for their sedative, antipyretic, antidiarrheic and antitussive properties along with treatment of various skin diseases, Seeds used in diarrhea, dysentery, cough, sore throat and bronchitis, intestinal colic and constipation and also used for allergic rhinitis and asthma  Prunus  Prunus  Prunus  Rosaceae  Fruit  The fruit having high in carotene and [2]							
Bihi  Cydonia oblonga  Rosaceae  Leaf, Seed  diarrheic and antitussive properties along with treatment of various skin diseases, Seeds used in diarrhea, dysentery, cough, sore throat and bronchitis, intestinal colic and constipation and also used for allergic rhinitis and asthma  Prunus  Prunus  Prunus  Prunus  Rosaceae  Leaf, Seed  diarrheic and antitussive properties along with treatment of various skin diseases, Seeds used in diarrhea, dysentery, cough, sore throat and constipation and also used for allergic rhinitis and asthma  138)  Khubani  Prunus							
along with treatment of various skin diseases, Seeds used in diarrhea, dysentery, cough, sore throat and bronchitis, intestinal colic and constipation and also used for allergic rhinitis and asthma  Prunus							
diseases, Seeds used in diarrhea, dysentery, cough, sore throat and bronchitis, intestinal colic and constipation and also used for allergic rhinitis and asthma  Prunus	137)	Bihi	Cydonia oblonga	Rosaceae	Leaf, Seed		[2]
dysentery, cough, sore throat and bronchitis, intestinal colic and constipation and also used for allergic rhinitis and asthma  Prunus  Possesse  Regist  The fruit having high in carotene and [2]							
bronchitis, intestinal colic and constipation and also used for allergic rhinitis and asthma  Prunus  Possesse  Fruit  The fruit having high in carotene and [2]							
constipation and also used for allergic rhinitis and asthma  Prunus  Possesse  Prunus  Possesse  Fruit  The fruit having high in carotene and [2]							
allergic rhinitis and asthma  Prunus  Possesse  Fruit  The fruit having high in carotene and [2]							
138) Khubani Prunus Posaceae Ernit The fruit having high in carotene and [2]							
	100	TZ1 1 .	Prunus	D	E :		[2]
	138)	Khubanı		Kosaceae	Fruit	Vitamin-C provides a valuable source	[~]

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					of food. The amygdalin a chemical extracted from apricot kernels used as		
					an alternative treatment for cancer		
					[112] along with having antioxidant		
					and antimicrobial properties		
					Fruits used as preservative.		
					Medicinally it has cardio-tonic,		
					coronary vasodilator and		
					hypertensive properties and used in		
					cardiac failure, myocardial weakness,		
139)	Ghigharu	Pyracantha	Rosaceae	Fruit, Bark	paroxysmal tachycardia,	[2]	
139)	Giligilaru	crenulata	Rosaceae	Truit, Dark			
					hypertension, arteriosclerosis and		
					Burgor's disease. Rejuvenation		
					property, reduce joint pains. The bark		
					used in heavy bleeding during		
					menstrual cycles, malarial fever.		
					The plant has high antioxidants and		
					vitamin-C level, used to make syrup,		
					tea and marmalade. The fruits have		
140)	Dog Boss	Rosa canina L	Rosaceae	Leaf, Fruit		[2]	
140)	Dog Rose	Kosa canina L	Rosaceae	Lear, Fruit	been used internally as tea for		
					treatment of viral infections and		
					disorders of the kidneys and urinary		
					tract.		
					Leaves juice is used as nasal drops to		
141)	Kunja	Rosa moschata	Rosaceae	Leaf	control hemorrhage, useful to control	[2]	
					stomach disorder.		
	yellow				It has good antioxidant properties to		
142)	Himalayan	Rubus ellipticus	Rosaceae	Fruit	providing free energy for the people	[2]	
172)	raspberry	Title iis citipitetis	Rosaceae	11411	who are travelling mountains.		
	raspocity						
	Bael	Aegle marmelos	Rutaccae/Asteraceae	fruit/St.Bark ,Flower leaf	Diarrhoea, Dysentry, Constipation		
143)					Flowers used for increasing saliva so	[3,2]	
					useful in treatment of mouth dryness,		
					Leaves paste use in wound healing.		
		Adenostemma lavenia	Rutaceae	Fruit, Root	Astringent, antidiarrheal,	[2]	
144)	Jangli-jira				antidysentric, demulcent, antipyretic,	[2]	
					laxative		
					External application of whole plant		
		Boenninghausenia albiflora	Rutaceae	Whole plant	juice cure headache and eyes pain		
					also shows various effects as	[2]	
145)	Pissumar				hepatoprotective, antioxidative, anti-		
		awyora	aiogiora			inflammatory and	1
					immunomodulation.		
		Changania					
146)	Ban Nimbu	Glycosmis	Rutaceae	Root	Seeds of plant used in curing of	[2]	
		pentaphylla			vomiting.		
					Regular use of leaves' Pakora up to		
147)	Timur	Zanthoxylum	Rutaceae	Leaf	3-4 days very useful to control	[2]	
1 . , ,	1 111101	armatum	1.3.0000	12001	allergy with carminative, stomachic,		
					anthelmintic activities.		
148)	Vasa	Adhatoda vesica	Sacanthaceae	Whole Plant	Antispasmodic, respiratory, Stimulant	[3]	
1.40\	Safed	C 1 11	Camtala	Hand 1	Skin disorder, Burning, sensation,	[3]	
149)	Chandan	Santalum album	Santalaceae	Heart wood	Jaundice, Cough.	r- 3	
					Rheumatism (warm paste applies on	[2]	
150)	Panker	Aesculus indica	Sapindaceae	Fruit	affected part)	[2]	
151)	Sirparha	Bergenia ciliata	Saxifragaceae	Root	Root powder is very useful in kidney	[2]	
		+		1	stones and ulcers.		
152)	Brahmi	Bacopa monnieri	Scrophulariaccae	Whole Plant	Nervous, Memory enhancer,mental	[3]	
152)	214111111	Zacopa monnert	2010pilatariaceae	,, note i mit	disorder		
1	Kutkin	Picrohiza Kurroa	Scrophulariaceae	Root	Hepatoprotective, anticholestatic,	[13]	
153)	K lift/in				antioxidant, and immunomodulatory		

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					activity	
					Boiled leaves are applied over	
	V alla a				inflamed parts to cure headache,	
154)		V	Cananhadania aaa	T C		[2]
154)	Kalber	Verbascum thapsus	Scrophulariaceae	Leaf	inflammatory diseases, also used to	
					control asthma, spasmodic coughs,	
					diarrhea, and Pulmonary problems.	
155)	Kukundara	Smilax aspera	Smilacaceae	Root	Paste of root is given orally with	[2]
133)	Kukuiluara	Smuax aspera	Simacaceae	Koot	water to control diarrhea.	
		Withania		_	Restorative Tonic, stress, nerves	[3]
156)	Ashwagandha	somnifera	Solanaccae	Root	disorder, aphrodiasiac	[5]
		sommyere.			Dropsy, General debility, Diuretic,	
					Antidysentric & It has expectorant,	
1.57)	37.1	G 1 .	G 1	1 1 1 .	analgesic, sedative, diaphoretic	[3,2]
157)	Makoy	Solanum nigrum	Solanaceae	whole plant	properties. Its external application	E-7 3
					cures skin diseases and gives relief in	
					burns, itching, pain etc. Leaves juice	
					used in earache.	
150)	Vantalrani	Solanum	Colomogogo	Whole Plant,	Diuretic, Anti-inflammatory,	[3]
158)	Kantakari	Xanthocarpum	Solanaceae	Fruit, Seed	Appetiser, Stomachic.	
		•			Boil and warm leaves used in	
159)	Dhatur	Datura metel	Solanaceae	Leaf	affected part for antibiotics,	[2]
10)	Dilatai	Banna merer	Solumeeue	Loui	antibacterial, antimicrobial activity.	
					Flower's juice used in earache,	
1.60)	Dist	Datura	C . 1	E1.		[2]
160)	Dhatura	stramonium	Solanaceae	Flower	having analgesic and antiasthmatic	[4]
					activities	
	Chitrika	Solanum lasiocarpum	Solanaceae		Seven leaves are to be placed on the	
					head during sleeping and this process	
161)				Leaf, Root	is to be continued for three nights to	[2]
				, , , , , , , , , , , , , , , , , , , ,	control fever and decoction of root is	
					administered orally.	
					Four ripe fruits are taken orally at a	
		Solanum violaceum	Solanaceae	Fruit	time to control cough [10] along with	(2)
162)	Brahati				various properties such as	[2]
		Y7			hypertension, poisonous, insect bites	
163)	Benachar	Vetiveria	Toaceae / Graminae	Root	Hyperpiesia, Burning, ulcer, Skin,	[3]
100)	2011401141	Ziziinoides	Touceac, Crammuc	11001	Vomiting.	
164)	Mandukparni	Centella asiatica	Umdelliferae	Whole plant	Anti-inflammatory, Jaundice,	[3]
104)	Mandukparin	Centetta astatica	Omdennerae	whole plant	Diuretic, Diarrhoea.	
	Shishuna	Urtica ardens	Urticaceae	Leaf	Leaves are useful in bone fracturing,	
165)					cough, cold, digestive problems,	[2]
,					fever, headache, skin infection.	
					Antimicrobial, antifungal,	
					hypotensive, antiarrhythmic, and	
166)	Interess:	Nardostachys	Valerianaceae	Dhi		[12]
166)	Jatamansi	jatamansi	Valerianaceae	Rhizome	anticonvulsant, hepatoprotective,	[12]
		ľ			hypolipidemic, and antiarrhythmic	
					activity.	
					Fever, diarrhea, dysentery, joint pain,	
					rheumatism, diabetes, bone fracture,	
167)	Dam :1: -12:	I	Vitana	Roots and	body ache, wound, sexual disorders	[24,25]
167)	Banchalita	Leea asiatica	Vitaceae	leaves	anticancer, cytotoxic, antimicrobial,	,,
					antidiabetic, hepatoprotective,	
					cardiovascular, and CNS activity.	
					body pain, skin problems, and relief	
	D .:				from dizziness, analgesic, anti-	
168)	Bandicoot	Leea indica	Vitaceae	leaves	angiogenesis, anti-oxidant, anti-	[24,25]
100)	Berry			122,05	inflammatory, anti-microbial, anti-	
					proliferative, hepatoprotective,	
	1	i	i	1	and otivia and onviolation activities [	
					sedative, and anxiolytic activities [	

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					Cardioprotective, Anti- inflammatory, Neuroprotective, Anticancer, Antimicrobial, Antioxidant, diuretic, in tumors, neuralgia and splenopathy, cure of wounds and edema	
170)	Jungle Angoor	Vitis vulpina	Vitaceae	Leaf Fruit	Unripe grapes used for treating sore throats; raisins useful to control tuberculosis while ripe grapes used for the treatment of cancer, cholera, smallpox, nausea, skin & eye infections, kidney & liver diseases.	[2]
171)	Kapurkachari	Hedychium spicatum	Zingiberaceae	Root	Root powder is very useful in neuro muscular disorders and body pain along with ant cancerous and antimicrobial activities.	[2]
172)	Indian Berberry	Barberis aristata	Berberidaceae	Root/Stem	skin diseases, menorrhagia, diarrhea, jaundice and also in various affections of the eyes, antiperiodic, antipyretic, antidiabetic and diaphoretic properties,hepato-bililary disorders	[8]

# HERBAL REMEDIES USING MEDICINAL PLANTS

There are 172 medicinal plants from all across India listed in the table along with their therapeutic characteristics. All of these plants' botanical data were reviewed and analyzed using the Plants of the World Online database.

## CONCLUSION

People can treat their health naturally with medicinal herbs. Their major method of treating illnesses is based on careful observation of nature and knowledge of conventional medical treatments. The usage of plant parts such as leaves, roots, stems, fruits, and bark is due to the negative effects of chemical preservatives as well as the rise in drug resistance. The chemicals found in medicinal plants can be employed for antimicrobial, antifungal, hypotensive, antiarrhythmic, anticonvulsant activities, as well as to prevent cardiovascular disorders and other diseases. Due to human progress, population growth, the impact of tourism, deforestation, and other factors, plants are currently in danger of going extinct; therefore, it is important to preserve them for local, ecological, and biological diversity.

#### CONFLICT OF INTEREST

There is no conflict of interest.

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