



Estd: 2006

BENGAL SCHOOL OF TECHNOLOGY

Approved by Pharmacy Council of India, New Delhi

Affiliated to: Maulana Abul Kalam Azad University of Technology (MAKAUT) (Formerly known as West Bengal University of Technology) & West Bengal State Council of Technical and Vocational Education and Skill Development (WBSCT & VE&SD)

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Sugandha, Delhi Road, Near Chinsurah Railway Station, Dist: Hooghly-712 102, West Bengal

Glossary of Medicinal Plants of the Herbal Garden -1

Display Board Number	Name of the Plant	Scientific Name	Family	Part of The Plant Use	Active Chemical Constituents	Pharmacological use
1	Bakphul	<i>Sesbania grandiflora</i>	Fabaceae	Whole plant	Leucocyanidin, Sesbanimide	Emmenagogue, Jaundice
2	Curry Pata	<i>Murraya koenigii</i>	Rutaceae	Whole plant	Murrayanol, Murrayagetin	Hair tonic, Antifungal
3	Kanchan	<i>Bauhinia Variegata</i>	Fabaceae	Bark,Leaves,Flowers	Quercetin,Hentriacontane	Thyroid Disorder.Improving Digestion
5	Swet Chandan	<i>Santalum album</i>	Santalaceae	wood	Santalol, Santalene	Bronchitis, Urinary tract infections
6	Cherry	<i>Prunus avium</i>	Rosaceae	Fruit, Seed	Anthocyanins	Treatment of Gout, Arthritis
7	Lal Chandan	<i>Pterocarpus santalinus</i>	Fabaceae	Wood	Santalin A and B	Inflammation, Diabetes,
8	Karpur	<i>Cinnamomum camphora</i>	Lauraceae	Wood, Leaf	Turpentile oil	Pain relief, Congestion
9	Lal Jamrul	<i>Syzygium samarangense</i>	Myrtaceae	Pulp and Seed	Asparagine	Reduces Breast Cancer and Prostate Cancer
10	Kamranga	<i>Averrhoa carambola</i>	Oxalidaceae	Fruit ,seeds	Phenylpropanoid	reduce fever and cough
11	Palash	<i>Butea monosperma</i>	Fabaceae	Flower,Fruit	Carbohydrates	Pesticide, Dye
12	Betel Nut	<i>Piper betle</i>	Piperaceae	Fruit	Arecoline	Anti-inflammatory
13	Swarna Champa	<i>Magnolia alba</i>	Magnoliaceae	Flowers	β -elemene	anti-diabetic
14	Simul Tula	<i>Ceiba pentandra</i>	Malvaceae	seeds, leaves, flowers	<i>Ceiba pentandra</i>	anti-diabetic, anti-inflammatory

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15	Murba	<i>Sansevieria zeylanica</i>	Asparagaceae	leaves	glycosides	analgesic, anti-inflammatory
16	Apamarg / Apang	<i>Achyranthes aspera</i>	Amaranthaceae	Whole plant	Achyranthine, Achyranthe saponins A, B,C	Emenagogue, Antiarthritic
17	Jowan/Ajowan	<i>Trachyspermum ammi</i>	Apiaceae	Fruit	Thymol	Indigestion, Flatulence
18	Kakmachi	<i>Solanum nigrum</i>	Solanaceae	Fruit	Solasonine, alpha and beta-solanigrine	loss of appetite, common cold
19	Black Berry	<i>Rubus fruticosus</i>	Rosaceae	leaves, roots, stems	anthocyanins	antioxidant, anti-inflammatory
20	Turmeric	<i>Curcuma longa</i>	Zingiberaceae	stems	curcuminoids	anti-inflammatory, antioxidant
21	Thailand Amra	<i>Phyllanthus amblica</i>	Phyllanthaceae	fruits, leaves, bark	ascorbic acid (vitamin C)	antioxidant, anti-inflammatory
22	Lavanga/Clove	<i>Eugenia caryophyllus</i>	Myrtaceae	Fruit	Eugenol, Acetyl eugenol,	Antiseptic, Stimulant, Carminative
23	Krishna Tulsi	<i>Ocimum tenuiflorum</i>	Lamiaceae	Whole plant	Ursolic acid, Apigenin	Anti-tussive, Hypoglycemic
24	Night-flowering Jasmine/Seuli	<i>Nyctanthes arbor-tristis</i>	Oleaceae	Whole Plant	Glucose, carotenoids, glycosides	Antibacterial, Anthelmintic
25	Begum Bahar	<i>Passiflora suberosa</i>	Passifloraceae	leaves, fruits	alkaloids	anti-diabetes, hypertension
26	Sada Akanda	<i>Calotropis gigantean</i>	Apocynaceae	root, bark, leaves	cardiac glycosides	analgesic, anti-inflammatory
27	Karamcha	<i>Carissa carandas</i>	Apocynaceae	Whole plant	Carisol, Carissone	Astringent, Antioxidant
28	Chapa	<i>Plumeria rubra</i>	Apocynaceae	Whole plant	Lignans	Astringent, Antirheumatic

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29	Jalap	<i>Mirabilis jalapa</i>	Nyctaginaceae	leaves, flowers	hydrocarbons, ketones	purgative, diuretic, anti-inflammatory
30	Eucalyptus	<i>Eucalyptus globulus</i>	Myrtaceae	leaves	1,8-cineole (eucalyptol) and α -pinene	antibacterial, antiviral, anti-inflammatory
31	Mentha	<i>Mentha piperitae</i>	Lamiaceae	leaves	menthol, menthone	antiseptic, stimulant
32	Nagphana	<i>Opuntia dillenii</i>	Cactaceae	Leaf, Fruit	Opuntioside, (E) Ferulic acid	Anti-inflammatory, laxative
33	Lemon Grass	<i>Cymbopogon flexuosus</i>	Poaceae	Leaf	Citral	Insecticide
34	Bach	<i>Acorus calamus</i>	Araceae	Rhizome	Eugenol, Aconine	Carminative
35	Elaichi/ Cardamom	<i>Elettaria cardamomum</i>	Zingiberaceae	Dried fruits	Volatile oil, Cineole, Pinene	Flavoring agent, gastrointestinal protection
36	Ekangi	<i>Kaempferia galangal</i>	Zingiberaceae	Rhizomes	Cincol Borneol, Camphene, Kaempferol	Antimicrobial Anti-inflammatory
37	Patharkuchi	<i>Kalanchoe pinnata</i>	Crassulaceae	Leaf	Quercetin, Caffeic	Diuretic
38	Pine apple	<i>Ananas comosus</i>	Bromeliaceae	Whole Plant	Proteolytic enzymes	Anti-inflammatory
39	Mahadevjata	<i>Sansevieria trifasciata</i>	Liliaceae	Whole Plant	Phthalate, N-butyl-4-ol- N- propyl Glycosides	Air purifying, Promotes hair growth
40	Pipul / Long Pepper	<i>Piper longum</i>	Piperaceae	Dried fruit	Piperine, Rutin	Indigestion, Rheumatism
41	Ulat Kambol	<i>Ambroma augusta</i>	Sterculiaceae	root, root bark	alkaloids	anti-inflammatory
42	Papita	<i>Carica papaya</i>	Caricaceae	Whole Plant	Papain	Digestive, enzyme

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43	Kulekhara	<i>Hygrophila auriculata</i>	Acanthaceae	Leaf	Betulin, Lupeol	Leukorrhea, Asthma,
44	Harjora/ Bone Healer	<i>Cissus quadrangularis</i>	Vitaceae	Root, Stem	Triterpenes including α - and β -amyryns	Heal bone fracture
45	Betel Pan	<i>Piper betle</i>	Piperaceae	Leaves	Arecoline	Anti-inflammatory, Digestive
46	Aparajita	<i>Clitoria ternatea</i>	Fabaceae	Whole Plant	Triterenoids, Flavonol Glycosides	Memory Enhancers
47	Anantamul	<i>Hemidesmus indicus</i>	Asclepiadaceae	Root	Tylophorine	Diarrhea
48	Shatavari	<i>Asparagus racemosus</i>	Liliaceae	Root	Shatavarin	Galeotagogue
49	Futki	<i>Melastoma malabathricum</i>	Melastomataceae	leaves, roots	quercetin, kaempferol	anti-inflammatory, antioxidant
50	Lal Bisalyakarani	<i>Aerva sanguinolenta</i>	Amaranthaceae	Leaf	Averoside, Apigenin	Anticoagulant
51	Camellia	<i>Camellia sasanqua</i>	Theaceae	Leaf, Flower	Catechin, Rutin, Nicotiflorin	Demulcent, Expectorant
52	Apple	<i>Malus domestica</i>	Rosaceae	fruit	quercetin, catechin	antioxidant, anticancer
53	Pudina/Peppermint	<i>Mentha piperita</i>	Lamiaceae	Leaf	Volatile oil, Menthone	Cough cold, Carminative
54	Guava	<i>Psidium guajava</i>	Myrtaceae	fruit, leaves	quercetin, kaempferol	antidiarrheal, anti-inflammatory
55	Gulancha	<i>Tinospora cordifolia</i>	Menispermaceae	stem, roots	alkaloids, terpenoids	anti-diabetic, anti-inflammatory
56	Brahmi	<i>Bacopa monnieri</i>	Umbelliferae	Whole Plant	Bracosides	Memory Enhancer

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57	Golmorich	<i>Piper nigrum</i>	Piperaceae	fruit	piperine	antioxidant, anti-inflammatory
58	Tentul	<i>Tamarindus indica</i>	Leguminosae	Pulp and Seed	flavonoids, phenolic compounds	antimicrobial, anti-inflammatory
59	Kolke	<i>Cascabela thevetia</i>	Apocynaceae	Flower, Fruits	neriifolin, thevetin A, thevetin B	Anti-ulcer
60	Lal Basak	<i>Phlogacanthus thysiformis</i>	Acanthaceae	Leaves	Vasicin	Expectorant
61	Bamunhati	<i>Clerodendrum indicum</i>	Lamiaceae	Root	Scutellarein, Hispidulin	Treatment of Asthma, Cough, Antirheumatic
62	Rauwolfia/Sarpagandha	<i>Rauwolfia serpentina</i>	Apocynaceae	Root	Reserpine, serpentine	Antihypertensive
63	Stevia	<i>Stevia rebaudiana</i>	Asteraceae	Leaves	Stevioside, Rebaudioside	Natural sweetener
64	Ram Tulsi	<i>Ocimum gratissimum</i>	Lamiaceae	Whole plant	Ursolic acid	Medicinal Uses: Immuno-modulatory
65	Dal-Chini	<i>Cinnamomum zeylanicum</i>	Lauraceae	Leaf	Cinnamyl-dehide	Carminative
65	Daru Chini	<i>Cinnamomum zeylanicum</i>	Lauraceae	Bark	Cinnamic Acid	Carminative
66	Pomegranate	<i>Punica granatum</i>	Lithraceae	Fruit	Punicic acid, Anthocyanin	Cardiovascular disease, Osteo arthritis
68	Amla	<i>Embelica officinalis</i>	Euphorbiaceae	Fruit	Terpenoids, Ascorbic acid	Antibacterial, Anti-oxidants
68	Amla	<i>Embilica officinalis</i>	Phyllanthaceae	fruits	Vit-C	Antioxidant
69	Atta	<i>Annona squamosa</i>	Annonaceae	Fruit	Tannin, Flavonoids	Antibacterial, Digestive's



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70	Kurchi	<i>Halarrhena antidysenterica</i>	Apocynaceae	Flowers	Conessine	Dysentery
71	Poinsettia	<i>Euphorbia pulcherrima</i>	Euphorbiaceae	Flower	Anthocyanin	Anticancer, Anticonvulsant, Antidiabetic,

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Glossary of Medicinal Plants of the Herbal Garden -2

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1	Kanta bishlyakarani	<i>Barleria lupulina</i>	Acanthaceae	Leaf	Iridoid glycosides	Haemostatic, Cuts and Wounds
3	Nageswar	<i>Mesua ferrea</i>	Guttiferae	Fruit, Seed, Flower	Mesulol	antidote for snake poison
4	Castor oil	<i>Ricinus communis</i>	Euphorbiaceae	Seed	Ricinoleic acid	Purgative
5	Dal-Chini	<i>Cinnamomum zeylanicum</i>	Lauraceae	Leaf	Cinnamyl-dehide	Carminative
6	Ashok	<i>Saraca indica</i>	Leguminosae	Bark	Leucopelargonidin	Menorrhagia
7	Chitrak	<i>Plumbago zeylanica</i>	Plumbaginaceae	Root	Chitranone	Thermogenic
8	Rauwolfia	<i>Rauwolfia serpentina</i>	Apocynaceae	leaf	Reserpine	Expectorant
9	Vasaka	<i>Adhatoda vasica</i>	Acanthaceae	Leaf	Vasicine	Expectorant
10	Jaba	<i>Hibiscus rosa-sinensis</i>	Malvaceae	Flower	Rregulated menstruation	Stigmasterol
11	Neem	<i>Azadirachta indica</i>	Miliaceae	Whole plant	Nimbin, Nimbidine	Antimicrobial
12	Arjun	<i>Terminalia arjuna</i>	Combretaceae	Bark	Arjunine, Casticine	Cardiovascular disorder
13	Jaiphal	<i>Myristica fragrans</i>	Myristicaceae	dried ripe seed	Clemicine, Myristicin	carminative, flavouring agent
14	Bael	<i>Aegle marmelos</i>	Rutaceae	Unripe or half- ripe fruit	Marmesin, Psoralin	Diarrhea and dysentery
15	Lebu	<i>Citrus maxima</i>	Rutaceae	Whole plant	Ascorbic acid	Anti scurvy

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16	Rudraksha	<i>Elaeocarpus ganitrus</i>	Elaeocarpaceae	Fruit	Elaeocarpidine	Asthma
17	Nayantara	<i>Catharanthus roseus</i>	Apocynaceae	Whole plant	Vincristine, Vinblastin	Antitumour
18	Kalo datura	<i>Datura metel</i>	Solanaceae	Fruit	hyoscyne, l-hyoscyamine	skin disease
19	Aam ada	<i>Curcuma amada</i>	Zingiberaceae	Rhizome	Curcumin, Linalol	Antimicrobial, Antifungal
20	Tulsi	<i>Ocimum sanctum</i>	Labiatae.	Whole plant	Eugenol, Caryophyllene	Expectorant, bronchitis
21	Sankar Jata	<i>Uraria picta</i>	Malvaceae	Whole plant	5,7-dihydroxy-2'-methoxy-3',4'-methylenedioxyisoflavanone	Analgesic, Antipyretic
22	Swet Berela	<i>Sida cordifolia</i>	Malvaceae	Leaf	Ephedrine	Asthma, Allergies,
23	Ghrita Kumari	<i>Aloe vera</i>	Liliaceae	Leaf	Aloins, Barbaloin	Stimulating purgatives
24	Aya Pan	<i>Eupatorium triplinervis</i>	Asteraceae	Whole plant	Carotene, Vit C	Stimulant
25	Guggul	<i>Commiphora mukul</i>	Burseraceae	Incision of the bark	E-guggulsterone	Lowers serum triglycerides and cholesterol
26	Ginger	<i>Zingiber officinale</i>	Zingiberaceae	Rhizome	Gingerol	Antiemetic, Positive inotropic
27	Insulin Plant	<i>Costus igneus</i>	Costaceae	Leaf	Hexadecanoic acid	Antidiabetic, Antibacterial
28	Gurmar	<i>Gymnema sylvestre</i>	Asclepiadaceae	Leaf	Gymnemic acid	Hypoglycaemic,
29	Ashwagandha	<i>Withania somnifera</i>	Solanaceae	Root	Withanine	Rheumatism

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30	Bakul	<i>Mimusops elengi</i>	Sapotaceae	Leaf and fruit	Withanine	Diuretic effects
31	Jalbramhi	<i>Centella asiatica</i>	Apiaceae	Leaf	Asiatic acid	Sedative and Anxiolytic
32	Kalmegh	<i>Andrographis paniculata</i>	Acanthaceae	Leaf	Carvacrol	Diabetes, Influenza, Piles
33	Henna	<i>Lawsonia inermis</i>	Lythraceae	Leaf	Hennotanic acid	Repairs the damaged hair strands
34	Tejpata	<i>Cinnamomum tamala</i>	Cinnamomum tamala	Leaf and fruit	Elaeocarpidine	Asthma
35	Nishinda	<i>Vitex negundo</i>	Labiatae	Leaf	Viridiflorol	Anti-inflammatory
36	Black Turmeric	<i>Curcuma caesia</i>	Labiatae	Leaf	Camphor	Toothache
37	Bhringraj	<i>Eclipta prostrata</i>	Asteraceae	Leaf	Wedelolactone	Antimicrobial
38	Bahera	<i>Terminalia belerica</i>	Combretaceae	fruit	Gallic acid, Ellagic acid	Astringent, Dyspepsia
39	Haritaki	<i>Terminalia chebula</i>	Combretaceae	fruit	Gallic acid, Ellagic acid	Skin allergies
40	Mango	<i>Mangifera indica</i>	Anacardiaceae	Leaf and fruit	Mangiferin	Antidiabetic

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