

**Guwahati College, Bamunimaidam**

**Guwahati-781021, Assam**

**Accounting of the Trees and Shrubs (Green Accounting) in the college premises and their uses:**

Sl. no.	Botanical names with Family	Vernacular Names (Assamese)	Total existed	Uses
1.	<i>Araucaria heterophylla</i> (Salisb.) Franco [ Araucariaceae]	Norfolk Island pine ( English name)	3	seed of this plant is edible
2.	<i>Artocarpus heterophyllus</i> Lam. [Moraceae]	<i>Kathal</i> (Assamese name)	1	Fruit and timber
3.	<i>Asparagus racemosus</i> Wild. [ Asparagaceae]	<i>Satmul</i> (Assamese name)	1	Medicinal plant
4.	<i>Azadirachta indica</i> A Juss.[ Meliaceae]	<i>Neem</i> (Assamese name)	3	used in skin diseases, as insectrepellent
5.	<i>Areca catechu</i> L. [Arecaceae]	<i>Tamul</i>	1	Masticator
6.	<i>Bauhina variegata</i> L. [Caesalpiniaceae]	<i>Kanchan,</i> <i>Kurol</i> (Assamese)	1	Ornamental plant
7.	<i>Bixa orellana</i> L.[ Bixaceae]	<i>Jolandhar</i> (Assamese name)	1	Dye obtaining plant

8.	<i>Callistemon citrinus</i> (Curtis) Skeels [Myrtaceae]	Lemon Bottlebrush (English name)	1	Traditional and folk medicines
9.	<i>Cassia fistula</i> L. [Leguminosae]	<i>Sonar</i>	1	Timber and Ornamental
11.	<i>Cycas circinalis</i> L. [Cycadaceae]	<i>Sai Goch</i>	1	Ornamental
12.	<i>Codiaeum variegatum</i> (L.) Rumph. ex A.Juss. [Euphorbiaceae]	<i>Patbahar</i>	1	Ornamental shrub
13.	<i>Clerodendrum paniculatum</i> L. [Verbenaceae]	Pagoda flower (English name)	5	Traditional medicine
14.	<i>Crinum latifolium</i> L. [Amaryllidaceae]	Milk and wine Lily (English name)	1	Ornamental
15.	<i>Duranta erecta</i> L. [Verbenaceae]	<i>Duranta kata</i>	1	Hedge Plant
16.	<i>Dendrobium aphyllum</i> (Roxb.) C.E.C.Fisch. [Orchidaceae]	<i>Haliki-thutiaphul</i> (Assamese name)	1	Orchid
17.	<i>Dieffenbachia seguine</i> (Jacq.) Schott [Araceae]	<i>Tora-kochu</i> (Assamese name)	1	Ornamental plant
18.	<i>Dypsis lutescens</i> (H.Wendl.) Beentje & J.Dransf. [Araceae]	Golden cane palm, Butterfly palm, Yellow palm (English name)	1	Ornamental plant

19.	<i>Euphorbia 3actea</i> Haw. [Euphorbiaceae]	Mottled spurge, Frilled fan (English name)	1	a fencing and decorative plant
20.	<i>Euphorbia mili</i> Des Moul.[Euphorbiaceae]	Christ plant (English name)	1	Ornamental plant
21.	<i>Euphorbia tithymaloides</i> L. [ Euphorbiaceae]	Variegated Devil's Backbone, Japanese Poinsettia (English name)	1	Ornamental plant
22.	<i>Ficus benjamina</i> L.[Moraceae]	Weeping fig, Benjamin fig (English name)	1	Medicinal plant
23.	<i>Ficus religiosa</i> L .[Moraceae]	<i>Ahot</i> (Assamese name)	1	Religious value
24.	<i>Gomphrena globosa</i> L. [Amaranthaceae]	Common Name: Globe Amaranth (English name)	1	Ornamental plant
25.	<i>Heliconia rostrata</i> Ruiz & Pav. [Heliconiaceae]	Common Name: Lobster claw (English name)	2	Ornamental plant
26.	<i>Hibiscus rosa-sinensis</i> Linn.	<i>Joba</i> (Assamese	3	Ornamental plant

	[Malvaceae]	name)		
27	<i>Hippeastrum reginae</i> (L.) Herb. [Amaryllidaceae]	Mexican lily or Amaryllis (English name)	1	Ornamental plant
28	<i>Ixora chinensis</i> Lam. [Rubiaceae]	Chinese Ixora, Scarlet Ixora, flame tree of woods (English name)	1	Ornamental plant
29	<i>Ixora coccinea</i> L [Rubiaceae]	<i>Ashok phul, Ronga-rangan, Rangan, Rogiyal phul</i> (Assamese name)	1	Ornamental plant
30	<i>Justicia gendarussa</i> Burm. fil. Family- Acanthaceae	Common Name- <i>Tita bahak</i> (Assamese name)	1	Medicinal plant
31.	<i>Lagerstroemia speciosa</i> (L.) Pers. [Lythraceae]	<i>Azar</i>	1	Ornamental and Timber yielding
32.	<i>Mesua ferrea</i> L. [Calophyllaceae]	<i>Nahor</i>	1	Timber and Avenue tree
33.	<i>Phyllanthus emblica</i> L [Phyllanthaceae]	<i>Amla, Amlokhi</i> (Assamese name)	1	Fruits, medicine and timber
34.	<i>Plumeria alba</i> L.	<i>Champa phul,</i>	1	Ornamental plant

	[Apocynaceae]	<i>Rongagulanchi,</i> <i>Gulonchi</i> (Assamese name)		
35.	<i>Putranjiva roxburghii</i> Wall.[Putranjivaceae]	<i>Putranjiva</i> (Assamese name)	1	Medicinal plant.
36.	<i>Scadoxus multiflorus</i> ( Martyn) Raf. [Amaryllidaceae]	Fireball lily (English name)	1	Ornamental plant
37.	<i>Tabernaemontana</i> <i>divaricata</i> (L.) R.Br.ex Roem.& Schult. [Apocynaceae]	<i>Dudhphul</i> (Assamese name)	1	Ornamental plant
38.	<i>Terminalia arjuna</i> (Rxb.ex DC.) Wight & Arn. [ Combretaceae]	<i>Arjun goch</i> (Assamese name)	1	Root, stem, leaves have medicinal properties.
39.	<i>Tradescantia spathacea</i> Sw. [Commelinaceae]	Moses in the Cradle (English name)	1	Ornamental plant
40.	<i>Rauwolfia serpentina</i> (L.) Benth. ex Kurz [Apocynaceae]	<i>Sarpagandha,</i> <i>Arachoritita</i> (Assamese)	1	Medicinal plant
41.	<i>Rhaphidophora</i> <i>decursiva</i> (Roxb.) Schott	Creeping Philodendron	1	Antimalarial properties

	[Araceae]	(English name)		
42.	<i>Polyalthia longifolia</i> (Son.) Thwaites [Annonaceae]	<i>Devdaru</i>	10	Avenue tree and Timber
43	<i>Garcinia sp.</i>	<i>Mati Thekera</i>	1	Medicinal plant
44	<i>Terminalia myriocarpa</i>	<i>Holok</i>	1	Medicinal plant
45	<i>Kaempferia sp.</i>	<i>Gathion</i>	1	Medicinal plant
46	<i>Closonia heptophylla</i>	<i>Pan Masala</i>	1	Medicinal plant
47	<i>Pterocarpus santalinus</i>	<i>Red Chandan</i>	1	Medicinal plant
48	<i>Cissus quadrangularis</i>	<i>Hard Jura</i>	1	Medicinal plant
49	<i>Camelia sinensis</i>	<i>Tea</i>	1	Medicinal plant
50	<i>Phyllanthus acidus</i> (L.) <i>Skeels</i>	<i>Pora amlokhi</i>	1	Medicinal plant
51	<i>Carissa carandas</i>	<i>Korja Tenga</i>	1	Medicinal plant
52	<i>Hedychium sp.</i>	<i>Garden lily</i>	1	Medicinal plant
<b>Total</b>			<b>73</b>	

*Surveyed and prepared by*

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ASSAM

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