

**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)	Account of the Trees/shrubs				Reason for cutting/ felling of trees	Uses
			Total existed	Total cutting/felling	New plantation	Present existing		
1.	<i>Araucaria heterophylla</i> (Salisb.) Franco [Araucariaceae]	Norfolk Island pine ( English name)	3	0	0	1	-	seed of this plant is edible
2.	<i>Artocarpus heterophyllus</i> Lam. [Moraceae]	<i>Kathal</i> (Assamese name)	1	0	0	1	-	Fruit and timber
3.	<i>Asparagus racemosus</i> Wild. [Asparagaceae]	<i>Satmul</i> (Assamese name)	1	0	0	1	-	Medicinal plant
4.	<i>Azadirachta indica</i> A Juss.[Meliaceae]	<i>Neem</i> (Assamese name)	3	0	0	3	-	used in skin diseases, as insect repellent
5.	<i>Areca catechu</i> L. [Arecaceae]	<i>Tamul</i>	1	1	0	1		Masticator
6.	<i>Bauhinia variegata</i> L. [Caesalpinaceae]	<i>Kanchan, Kurol</i> (Assamese)	1	0	0	1	-	Ornamental plant
7.	<i>Bixa orellana</i> L.[Bixaceae]	<i>Jolandhar</i> (Assamese name)	1	0	0	1	-	Dye obtaining plant

8.	<i>Callistemon citrinus</i> (Curtis) Skeels [Myrtaceae]	Lemon Bottlebrush (English name)	1	0	0	1	-	Traditional and folk medicines
9.	<i>Cassia fistula</i> L. [Leguminosae]	<i>Sonar</i>	1	0	0	1	-	Timber and Ornamental
11.	<i>Cycas circinalis</i> L. [Cycadaceae]	<i>Sai Goch</i>	1	0	0	1	-	Ornamental
12.	<i>Codiaeum variegatum</i> (L.) Rumph. ex A.Juss. [Euphorbiaceae]	<i>Patbahar</i>	1	0	0	1	-	Ornamental shrub
13.	<i>Clerodendrum paniculatum</i> L. [Verbenaceae]	Pagoda flower (English name)	5	2	0	3	Due to construction	Traditional medicine
14.	<i>Crinum latifolium</i> L. [Amaryllidaceae]	Milk and wine Lily (English name)	1	0	0	1	-	Ornamental
15.	<i>Duranta erecta</i> L. [Verbenaceae]	<i>Duranta kata</i>	1	0	0	1	-	Hedge Plant
16.	<i>Dendrobium aphyllum</i> (Roxb.) C.E.C.Fisch. [Orchidaceae]	<i>Haliki-thutiaphul</i> (Assamese name)	1			1		Orchid
17.	<i>Dieffenbachia seguine</i> (Jacq.) Schott [Araceae]	<i>Tora-kochu</i> (Assamese name)	1	0	0	1	-	Ornamental plant
18.	<i>Dypsis lutescens</i> (H.Wendl.) Beentje & J.Dransf. [Araceae]	Golden cane palm, Butterfly palm, Yellow palm (English name)	1	0	0	1	-	Ornamental plant

19.	<i>Euphorbia 3actea</i> Haw. [Euphorbiaceae]	Mottled spurge, Frilled fan (English name)	1	0	0	1	-	a fencing and decorative plant
20.	<i>Euphorbia mili</i> Des Moul.[Euphorbiaceae]	Christ plant (English name)	1	0	0	1	-	Ornamental plant
21.	<i>Euphorbia tithymaloides</i> L. [ Euphorbiaceae]	Variegated Devil's Backbone, Japanese Poinsettia (English name)	1	0	0	1	-	Ornamental plant
22.	<i>Ficus benjamina</i> L.[Moraceae]	Weeping fig, Benjamin fig (English name)	1	0	0	1	-	Medicinal plant
23.	<i>Ficus religiosa</i> L .[Moraceae]	<i>Ahot</i> (Assamese name)	1	0	0	1	-	Religious value
24.	<i>Gomphrena globosa</i> L. [Amaranthaceae]	Common Name: Globe Amaranth (English name)	1	0	0	1	-	Ornamental plant
25.	<i>Heliconia rostrata</i> Ruiz & Pav. [Heliconiaceae]	Common Name: Lobster claw (English name)	2	1	0	1		Ornamental plant
26.	<i>Hibiscus rosa-sinensis</i> Linn.	<i>Joba</i> (Assamese	3	0	0	3	-	Ornamental plant

	[Malvaceae]	name)						
27	<i>Hippeastrum reginae</i> (L.) Herb. [Amaryllidaceae]	Mexican lily or Amaryllis (English name)	1	0	0	1	-	Ornamental plant
28	<i>Ixora chinensis</i> Lam. [Rubiaceae]	Chinese Ixora, Scarlet Ixora, flame tree of woods (English name)	1	0	0	1	-	Ornamental plant
29	<i>Ixora coccinea</i> L [Rubiaceae]	<i>Ashok phul, Ronga-rangan, Rangan, Rogiyal phul</i> (Assamese name)	1	0	0	1	-	Ornamental plant
30	<i>Justicia gendarussa</i> Burm. fil. Family- Acanthaceae	Common Name- <i>Tita bahak</i> (Assamese name)	1	0	0	1	-	Medicinal plant
31.	<i>Lagerstroemia speciosa</i> (L.) Pers. [Lythraceae]	<i>Azar</i>	1	0	0	1	-	Ornamental and Timber yielding
32.	<i>Mesua ferrea</i> L. [Calophyllaceae]	<i>Nahor</i>	1	0	0	1	-	Timber and Avenue tree
33.	<i>Phyllanthus emblica</i> L [Phyllanthaceae]	<i>Amla, Amlokhi</i> (Assamese name)	1	0	0	1	-	Fruits, medicine and timber
34.	<i>Plumeria alba</i> L.	<i>Champa phul,</i>	1	0	0	1	-	Ornamental plant

	[Apocynaceae]	<i>Rongagulanchi, Gulonchi</i> (Assamese name)						
35.	<i>Putranjiva roxburghii</i> Wall.[Putranjivaceae]	<i>Putranjiva</i> (Assamese name)	1	0	0	1	-	Medicinal plant.
36.	<i>Scadoxus multiflorus</i> ( Martyn) Raf. [Amaryllidaceae]	Fireball lily (English name)	1	0	0	1	-	Ornamental plant
37.	<i>Tabernaemontana divaricata</i> (L.) R.Br.ex Roem.& Schult. [Apocynaceae]	<i>Dudhphul</i> (Assamese name)	1	0	0	1	-	Ornamental plant
38.	<i>Terminalia arjuna</i> (Rxb.ex DC.) Wight & Arn. [ Combretaceae]	<i>Arjun goch</i> (Assamese name)	1	0	0	1	-	Root, stem, leaves have medicinal properties.
39.	<i>Tradescantia spathacea</i> Sw. [Commelinaceae]	Moses in the Cradle (English name)	1	0	0	1	-	Ornamental plant
40.	<i>Rauwolfia serpentina</i> (L.) Benth. ex Kurz [Apocynaceae]	<i>Sarpagandha, Arachoritita</i> (Assamese)	1	0	0	1	-	Medicinal plant
41.	<i>Rhaphidophora decursiva</i> (Roxb.) Schott	Creeping Philodendron	1	0	0	1	-	Antimalarial properties

	[Araceae]	(English name)						
42.	<i>Polyalthia longifolia</i> (So nn.) Thwaites [Annonaceae]	<i>Devdaru</i>	10	3	0	10	Due to construction-	Avenue tree and Timber
<b>Total</b>			<b>61</b>	<b>7</b>	<b>0</b>	<b>58</b>		

*Surveyed and prepared by*

Dr. Mrinal Kumar Das  
Associate professor  
HOD  
Department of Botany

Ms. Nilashree Borah

Assistant Professor (Guest Faculty)  
Department Of Botany  
Guwahati College, Guwahati  
PIN-781021  
ASSAM

*March 18<sup>th</sup>, 2019*

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

*Surveyed and prepared by*

*Department of Botany*

*Guwahati College*

*Date: 18<sup>th</sup> March, 2019*

