

# **Sacred Heart College (Autonomous)**

**Tirupattur-635 601, Vellore District, Tamil Nadu**



## **GREEN AUDIT REPORT**

**2017-18**



**by**

**Department of Biochemistry**

**Sacred Heart College (Autonomous)**

Sacred Heart College is one of the premier institutes in Tirupattur affiliated to Thiruvalluvar University, Vellore. The college provides best education to rural youths for more than six decades. The college is located in the main heart of Tirupattur known as the "Sandalwood Town" due to the abundant availability of sandalwood trees in the surrounding hills. It is very close to the 4<sup>th</sup> major hill station of Tamil Nadu, the Yelagiri hills, which is also known as the common man's Ooty. The town is at an average elevation of 388m. The Javadhu hills, a part of the Eastern Ghats lie to the east of Tirupattur. Sacred Heart College has a very beautiful lush green campus. A 'Green Auditing' process was carried out by the Department of Biochemistry during the academic year 2017-18. Green Auditing process includes plant audit, solid waste audit, Liquid waste audit, water consumption audit, rain water harvesting audit, LED power audit and solar energy audit.

## PLANT AUDIT

Tree species present in the Sacred Heart College Campus was audited with the help of Dr. M. Kumar, Assistant Professor, Department of Plant Biology and Plant Biotechnology, Madras Christian College, Chennai-59. Dr. M. Kumar with his team identified different tree species in the campus. The taxonomical identification includes the botanical classification, family name, regional name and the place of origin. The following table provides the details of the audited tree species in the campus.

TreeNo.	Binomial Name	Family	Regional Name	Nativity
1	<i>Ficus benghalensis L.</i>	Moraceae	Aalamaram	Indian subcontinent
2	<i>Santalum album L.</i>	Santalaceae	Santhanam	India
3	<i>Azadirachta indica A.Juss.</i>	Meliaceae	Vembu	Indian subcontinent
4	<i>Azadirachta indica A.Juss.</i>	Meliaceae	Vembu	Indian subcontinent
5	<i>Ficus religiosa L.</i>	Moraceae	Arasamaram	Indian subcontinent
6	<i>Azadirachta indica A.Juss.</i>	Meliaceae	Vembu	Indian subcontinent
7	<i>Tectona grandis L.f.</i>	Lamiaceae	Thekku	Indo-china
8	<i>Azadirachta indica A.Juss.</i>	Meliaceae	Vembu	Indian subcontinent
9	<i>Azadirachta indica A.Juss.</i>	Meliaceae	Vembu	Indian subcontinent
10	<i>Azadirachta indica A.Juss.</i>	Meliaceae	Vembu	Indian subcontinent
11	<i>Azadirachta indica A.Juss.</i>	Meliaceae	Vembu	Indian subcontinent
12	<i>Azadirachta indica A.Juss.</i>	Meliaceae	Vembu	Indian subcontinent
13	<i>Delonix regia (Hook.) Raf</i>	Leguminosae	Cemmayir-konrai	Madagascar
14	<i>Bambusa arundinacea (Retz.) Willd.</i>	Poaceae	Mungil	Southeast Asia

15	<i>Muntingia calabra L.</i>	Muntingiaceae	Thean Kai	Tropical America
16	<i>Cocos nucifera L.</i>	Arecaceae	Thennai maram	South East Asia
17	<i>Polyalthia longifolia (Sonn.) Thwaites.</i>	Annonaceae	Nettilingam	India
18	<i>Polyalthia longifolia (Sonn.) Thwaites.</i>	Annonaceae	Nettilingam	India
19	<i>Polyalthia longifolia (Sonn.) Thwaites.</i>	Annonaceae	Nettilingam	India
20	<i>Polyalthia longifolia (Sonn.) Thwaites.</i>	Annonaceae	Nettilingam	India
21	<i>Polyalthia longifolia (Sonn.) Thwaites.</i>	Annonaceae	Nettilingam	India
22	<i>Polyalthia longifolia (Sonn.) Thwaites.</i>	Annonaceae	Nettilingam	India
23	<i>Polyalthia longifolia (Sonn.) Thwaites.</i>	Annonaceae	Nettilingam	India
24	<i>Polyalthia longifolia (Sonn.) Thwaites.</i>	Annonaceae	Nettilingam	India
25	<i>Delonix regia (Hook.) Raf</i>	Leguminosae	Cemmayir-konrai	Madagascar
26	<i>Manilkara sapota Van Royen</i>	Sapotaceae	Sapota	Mexico
27	<i>Muntingia calabra L.</i>	Muntingiaceae	Thean Kai	Tropical America
28	<i>Azadirachta indica A.Juss.</i>	Meliaceae	Vembu	Indian Subcontinent
29	<i>Syzygium cumini (L.) Skeels</i>	Myrtaceae	Naaval	India
30	<i>Morinda pubescens sm.</i>	Rubiaceae	Nuna	South Asia
31	<i>Morinda pubescens sm.</i>	Rubiaceae	Nuna	South Asia
32	<i>Delonix regia (Hook.) Raf</i>	Leguminosae	Cemmayir-konrai	Madagascar
33	<i>Delonix regia (Hook.) Raf</i>	Leguminosae	Cemmayir-konrai	Madagascar
34	<i>Delonix regia (Hook.) Raf</i>	Leguminosae	Cemmayir-konrai	Madagascar
35	<i>Adenanthera pavonea L.</i>	Leguminosae	Manjati	India
36	<i>Delonix regia (Hook.) Raf</i>	Leguminosae	Cemmayir-konrai	Madagascar
37	<i>Delonix regia (Hook.) Raf</i>	Leguminosae	Cemmayir-konrai	Madagascar
38	<i>Delonix regia (Hook.) Raf</i>	Leguminosae	Cemmayir-konrai	Madagascar
39	<i>Delonix regia (Hook.) Raf</i>	Leguminosae	Cemmayir-konrai	Madagascar

40	<i>Delonix regia</i> (Hook.) Raf	Leguminosae	Cemmayir-konrai	Madagascar
41	<i>Azadirachta indica</i> A.Juss.	Meliaceae	Vembu	Indian subcontinent
42	<i>Delonix regia</i> (Hook.) Raf	Leguminosae	Cemmayir-konrai	Madagascar
43	<i>Delonix regia</i> (Hook.) Raf	Leguminosae	Cemmayir-konrai	Madagascar
44	<i>Delonix regia</i> (Hook.) Raf	Leguminosae	Cemmayir-konrai	Madagascar
45	<i>Delonix regia</i> (Hook.) Raf	Leguminosae	Cemmayir-konrai	Madagascar
46	<i>Samanea saman</i> (Jacq.) Merr.	Leguminosae	Amaivagai	Central America
47	<i>Delonix regia</i> (Hook.) Raf	Leguminosae	Cemmayir-konrai	Madagascar
48	<i>Azadirachta indica</i> A.Juss.	Meliaceae	Vembu	Indian subcontinent
49	<i>Delonix regia</i> (Hook.) Raf	Leguminosae	Cemmayir-konrai	Madagascar
50	<i>Samanea saman</i> (Jacq.) Merr.	Leguminosae	Amaivagai	Central America
51	<i>Plumeria obtusa</i> L.	Apocynaceae	Nela Sampangi	Tropical America
52	<i>Morinda pubescens</i> sm.	Rubiaceae	Nuna	South Asia
53	<i>Delonix regia</i> (Hook.) Raf	Leguminosae	Cemmayir-konrai	Madagascar
54	<i>Simarouba glauca</i> DC.	Simaroubaceae	Bitter Wood	North America
55	<i>Azadirachta indica</i> A.Juss.	Meliaceae	Vembu	Indian subcontinent
56	<i>Samanea saman</i> (Jacq.) Merr.	Leguminosae	Amaivagai	Central America
57	<i>Dyopsis lutescens</i> (H.Wendl.)	Arecaceae	No regional name	Madagascar
58	<i>Samanea saman</i> (Jacq.) Merr.	Leguminosae	Amaivagai	Central America
59	<i>Delonix regia</i> (Hook.) Raf	Leguminosae	Cemmayir-konrai	Madagascar
60	<i>Mangifera indica</i> L.	Anacardiaceae	Maamaram	Indian subcontinent
61	<i>Azadirachta indica</i> A.Juss.	Meliaceae	Vembu	Indian subcontinent
62	<i>Thespesia populnea</i> (L.) Sol. ex Corrêa	Malvaceae	Poovarasu	Asia
63	<i>Azadirachta indica</i> A.Juss.	Meliaceae	Vembu	Indian subcontinent
64	<i>Tecoma stans</i> (L.) Juss. ex Kunth	Bignoniaceae	Sonnapatti	Central America
65	<i>Ficus religiosa</i> L.	Moraceae	Arasamaram	Indian subcontinent
66	<i>Pithecellobium dulce</i> (Roxb.)	Leguminosae	Kodukkapuli	Tropical America

	<i>Benth.</i>			
67	<i>Phyllanthus emblica L.</i>	Phyllanthaceae	Nelli	India
68	<i>Phyllanthus emblica L.</i>	Phyllanthaceae	Nelli	India
69	<i>Terminalia catappa L.</i>	Combretaceae	Nattu Vadumai	Tropical
70	<i>Syzygium cumini (L.) Skeels</i>	Myrtaceae	Naaval	Indian subcontinent
71	<i>Azadirachta indica A.Juss.</i>	Meliaceae	Vembu	Indian subcontinent
72	<i>Polyalthia longifolia (Sonn.) Thwaites.</i>	Annonaceae	Nettilingam	India
73	<i>Polyalthia longifolia (Sonn.) Thwaites.</i>	Annonaceae	Nettilingam	India
74	<i>Azadirachta indica A.Juss.</i>	Meliaceae	Vembu	Indian subcontinent
75	<i>Polyalthia longifolia (Sonn.) Thwaites.</i>	Annonaceae	Nettilingam	India
76	<i>Polyalthia longifolia (Sonn.) Thwaites.</i>	Annonaceae	Nettilingam	India
77	<i>Polyalthia longifolia (Sonn.) Thwaites.</i>	Annonaceae	Nettilingam	India
78	<i>Polyalthia longifolia (Sonn.) Thwaites.</i>	Annonaceae	Nettilingam	India
79	<i>Azadirachta indica A.Juss.</i>	Meliaceae	Vembu	Indian subcontinent
80	<i>Bougainvillea berberidifolia Heimerl</i>	Nyctaginaceae	Kagitha poo	South America
81	<i>Bougainvillea berberidifolia Heimerl</i>	Nyctaginaceae	Kagitha poo	South America
82	<i>Bougainvillea berberidifolia Heimerl</i>	Nyctaginaceae	Kagitha poo	South America
83	<i>Bougainvillea berberidifolia Heimerl</i>	Nyctaginaceae	Kagitha poo	South America
84	<i>Bougainvillea berberidifolia Heimerl</i>	Nyctaginaceae	Kagitha poo	South America
85	<i>Bougainvillea berberidifolia Heimerl</i>	Nyctaginaceae	Kagitha poo	South America
86	<i>Bougainvillea berberidifolia Heimerl</i>	Nyctaginaceae	Kagitha poo	South America
87	<i>Terminalia catappa L.</i>	Combretaceae	Nattu Vadumai	Asia
88	<i>Samanea saman (Jacq.) Merr.</i>	Leguminosae	Amaivagai	Central America
89	<i>Bougainvillea berberidifolia Heimerl</i>	Nyctaginaceae	Kagitha poo	South America
90	<i>Tamarindus indica L.</i>	Leguminosae	Puliyamaram	North America
91	<i>Holoptelea integrifolia Planch.</i>	Ulmaceae	Aya Maram	Pacific Islands
92	<i>Holoptelea integrifolia</i>	Ulmaceae	Aya Maram	Pacific Islands

	<i>Planch.</i>			
93	<i>Peltophorum pterocarpum</i> (Dc.)	Leguminosae	Vagai	Srilanka
94	<i>Millingtonia hortensis</i> L.f.	Bignoniaceae	Kattu Malli	South east asia
95	<i>Millingtonia hortensis</i> L.f.	Bignoniaceae	Kattu Malli	South east asia
96	<i>Millingtonia hortensis</i> L.f.	Bignoniaceae	Kattu Malli	South east asia
97	<i>Millingtonia hortensis</i> L.f.	Bignoniaceae	Kattu Malli	South east asia
98	<i>Tamarindus indica</i> L.	Leguminosae	Puliyamaram	North America
99	<i>Azadirachta indica</i> A.Juss.	Meliaceae	Vembu	Indian subcontinent
100	<i>Azadirachta indica</i> A.Juss.	Meliaceae	Vembu	Indian subcontinent
101	<i>Delonix regia</i> (Hook.) Raf	Leguminosae	Cemmayir-konrai	Madagascar
102	<i>Samanea saman</i> (Jacq.) Merr.	Leguminosae	Amaivagai	Central America
103	<i>Peltophorum pterocarpum</i> (Dc.)	Leguminosae	Vagai	Srilanka
104	<i>Samanea saman</i> (Jacq.) Merr.	Leguminosae	Amaivagai	Central America
105	<i>Pongamia pinnata</i> (L.)Pierre	Leguminosae	Punghai	Asia
106	<i>Pongamia pinnata</i> (L.)Pierre	Leguminosae	Punghai	Asia
107	<i>Caryota urens</i> L.	Arecaceae	Koothal Pannai	Indian subcontinent
108	<i>Mangifera indica</i> L.	Anacardiaceae	Maamaram	Indian subcontinent
109	<i>Delonix elata</i> (L.) Gamble	Leguminosae	Vatha Naranan	Tropical Africa
110	<i>Dypsis lutescens</i> (H.Wendl.)	Arecaceae	No regional name	Madagascar
111	<i>Delonix elata</i> (L.) Gamble	Leguminosae	Vatha Naranan	Tropical Africa
112	<i>Dypsis lutescens</i> (H.Wendl.)	Arecaceae	No regional name	Madagascar
113	<i>Delonix regia</i> (Hook.) Raf	Leguminosae	Cemmayir-konrai	Madagascar
114	<i>Delonix elata</i> (L.) Gamble	Leguminosae	Vatha Naranan	Tropical Africa
115	<i>Mangifera indica</i> L.	Anacardiaceae	Maamaram	Indian subcontinent
116	<i>Delonix regia</i> (Hook.) Raf	Leguminosae	Cemmayir-konrai	Madagascar
117	<i>Millingtonia hortensis</i> L.f.	Bignoniaceae	Kattu Malli	South east asia
118	<i>Dypsis lutescens</i> (H.Wendl.)	Arecaceae	No regional name	Madagascar
119	<i>Manilkara sapota</i> Van Royen	Sapotaceae	Sapota	Mexico
120	<i>Pongamia pinnata</i> (L.)Pierre	Leguminosae	Punghai	Asia
121	<i>Pongamia pinnata</i> (L.)Pierre	Leguminosae	Punghai	Asia
122	<i>Azadirachta indica</i> A.Juss.	Meliaceae	Vembu	Indian subcontinent
123	<i>Delonix regia</i> (Hook.) Raf	Leguminosae	Cemmayir-	Madagascar

			konrai	
124	<i>Azadirachta indica</i> A.Juss.	Meliaceae	Vembu	Indian subcontinent
125	<i>Pongamia pinnata</i> (L.)Pierre	Leguminosae	Punghai	Asia
126	<i>Manilkara sapota</i> Van Royen	Sapotaceae	Sapota	Mexico
127	<i>Azadirachta indica</i> A.Juss.	Meliaceae	Vembu	Indian subcontinent
128	<i>Pongamia pinnata</i> (L.)Pierre	Leguminosae	Punghai	Asia
129	<i>Cocos nucifera</i> L.	Arecaceae	Thennai maram	South east asia
130	<i>Manilkara sapota</i> Van Royen	Sapotaceae	Sapota	Mexico
131	<i>Cocos nucifera</i> L.	Arecaceae	Thennai maram	South east asia
132	<i>Mimusops elengi</i> L.	Sapotaceae	Magizhamboo	Asia
133	<i>Pongamia pinnata</i> (L.)Pierre	Leguminosae	Punghai	Asia
134	<i>Adensonia digitata</i> L.	Malvaceae	Papparappuli	Africa
135	<i>Polyalthia longifolia</i> (Sonn.) Thwaites.	Annonaceae	Nettilingam	Indian subcontinent
136	<i>Alstonia scholaris</i> (L.) R. Br.	Apocynaceae	Elilaipalai	Indian subcontinent
137	<i>Delonix regia</i> (Hook.) Raf	Leguminosae	Cemmayir-konrai	Madagascar
138	<i>Santalum album</i> L.	Santalaceae	Santhanam	Indian subcontinent
139	<i>Mimusops elengi</i> L.	Sapotaceae	Magizhamboo	Asia
140	<i>Casuarina equisetifolia</i> L.	Casuarinaceae	Sauvkku	Australia
141	<i>Casuarina equisetifolia</i> L.	Casuarinaceae	Sauvkku	Australia
142	<i>Santalum album</i> L.	Santalaceae	Santhanam	Indian subcontinent
143	<i>Bauhinia purpurea</i> L.	Leguminosae	Mandharai	South east asia
144	<i>Bauhinia purpurea</i> L.	Leguminosae	Mandharai	South east asia
145	<i>Cordia sebestena</i> L.	Boraginaceae	Aechinarvihli	North America
146	<i>Bauhinia purpurea</i> L.	Leguminosae	Mandharai	South east asia
147	<i>Millingtonia hortensis</i> L.f.	Bignoniaceae	Kattu Malli	South east asia
148	<i>Polyalthia longifolia</i> (Sonn.) Thwaites.	Annonaceae	Nettilingam	Indian subcontinent
149	<i>Polyalthia longifolia</i> (Sonn.) Thwaites.	Annonaceae	Nettilingam	Indian subcontinent
150	<i>Polyalthia longifolia</i> (Sonn.) Thwaites.	Annonaceae	Nettilingam	Indian subcontinent
151	<i>Tectona grandis</i> L.f.	Lamiaceae	Thekku	Indo-china
152	<i>Adensonia digitata</i> L.	Malvaceae	Papparappuli	Africa
153	<i>Thespesia populnea</i> (L.) Sol. ex Corrêa	Malvaceae	Poovarasu	Asia
154	<i>Delonix regia</i> (Hook.) Raf	Leguminosae	Cemmayir-konrai	Madagascar
155	<i>Pongamia pinnata</i> (L.)Pierre	Leguminosae	Punghai	Asia
156	<i>Polyalthia longifolia</i> (Sonn.) Thwaites.	Annonaceae	Nettilingam	Indian subcontinent

157	<i>Azadirachta indica</i> A.Juss.	Meliaceae	Vembu	Indian subcontinent
158	<i>Samanea saman</i> (Jacq.) Merr.	Leguminosae	Amaivagai	Central America
159	<i>Tamarindus indica</i> L.	Leguminosae	Puliyamaram	North America
160	<i>Millingtonia hortensis</i> L.f.	Bignoniaceae	Kattu Malli	South east asia
161	<i>Tamarindus indica</i> L.	Leguminosae	Puliyamaram	North America
162	<i>Azadirachta indica</i> A.Juss.	Meliaceae	Vembu	Indian subcontinent
163	<i>Spathodia campanulata</i> P.Beauv.	Bignoniaceae	Thanneer kai maram	Africa
164	<i>Tectona grandis</i> L.f.	Lamiaceae	Thekku	India-China
165	<i>Tectona grandis</i> L.f.	Lamiaceae	Thekku	India-China
166	<i>Maduca longifolia</i> (J. Koenig ex L.) J.K.Macbr.	Sapotaceae	Iluppai	India
167	<i>Pongamia pinnata</i> (L.)Pierre	Leguminosae	Punghai	Asia
168	<i>Peltophorum pterocarpum</i> (Dc.)	Leguminosae	Vagai	Srilanka
169	<i>Maduca longifolia</i> (J. Koenig ex L.) J.K.Macbr.	Sapotaceae	Iluppai	India
170	<i>Delonix elata</i> (L.) Gamble	Leguminosae	Vatha Naranan	Tropical Africa
171	<i>Millingtonia hortensis</i> L.f.	Bignoniaceae	Kattu Malli	South east asia
172	<i>Tamarindus indica</i> L.	Leguminosae	Puliyamaram	North America
173	<i>Pongamia pinnata</i> (L.)Pierre	Leguminosae	Punghai	Asia
174	<i>Aegle marmelos</i> (L.) Correa	Rutaceae	Vilvam	India
175	<i>Azadirachta indica</i> A.Juss.	Meliaceae	Vembu	Indian subcontinent
176	<i>Delonix elata</i> (L.) Gamble	Leguminosae	Vatha Naranan	Tropical Africa
177	<i>Delonix elata</i> (L.) Gamble	Leguminosae	Vatha Naranan	Tropical Africa
178	<i>Spathodia campanulata</i> P.Beauv.	Bignoniaceae	Thanneer kai maram	Africa
179	<i>Tamarindus indica</i> L.	Leguminosae	Puliyamaram	North America
180	<i>Tamarindus indica</i> L.	Leguminosae	Puliyamaram	North America
181	<i>Delonix regia</i> (Hook.) Raf	Leguminosae	Cemmayir-konrai	Madagascar
182	<i>Delonix elata</i> (L.) Gamble	Leguminosae	Vatha Naranan	Tropical Africa
183	<i>Azadirachta indica</i> A.Juss.	Meliaceae	Vembu	Indian subcontinent
184	<i>Delonix elata</i> (L.) Gamble	Leguminosae	Vatha Naranan	Tropical Africa
185	<i>Peltophorum pterocarpum</i> (Dc.)	Leguminosae	Vagai	Srilanka
186	<i>Delonix regia</i> (Hook.) Raf	Leguminosae	Cemmayir-konrai	Madagascar
187	<i>Peltophorum pterocarpum</i> (Dc.)	Leguminosae	Vagai	Srilanka
188	<i>Peltophorum pterocarpum</i> (Dc.)	Leguminosae	Vagai	Srilanka
189	<i>Terminalia catappa</i> L.	Combretaceae	Nattu Vadumai	Asia



190	<i>Terminalia catappa L.</i>	Combretaceae	Nattu Vadumai	Asia
191	<i>Terminalia catappa L.</i>	Combretaceae	Nattu Vadumai	Asia
192	<i>Terminalia catappa L.</i>	Combretaceae	Nattu Vadumai	Asia
193	<i>Grevillea robusta A.Cunn.ex R.Br.</i>	Proteaceae	No regional name	East Australia
194	<i>Terminalia catappa L.</i>	Combretaceae	Nattu Vadumai	Asia
195	<i>Grevillea robusta A.Cunn.ex R.Br.</i>	Proteaceae	No regional name	East Australia
196	<i>Terminalia catappa L.</i>	Combretaceae	Nattu Vadumai	Asia
197	<i>Terminalia catappa L.</i>	Combretaceae	Nattu Vadumai	Asia
198	<i>Terminalia catappa L.</i>	Combretaceae	Nattu Vadumai	Asia
199	<i>Terminalia catappa L.</i>	Combretaceae	Nattu Vadumai	Asia
200	<i>Grevillea robusta A.Cunn.ex R.Br.</i>	Proteaceae	No regional name	East Australia
201	<i>Terminalia catappa L.</i>	Combretaceae	Nattu Vadumai	Asia
202	<i>Terminalia catappa L.</i>	Combretaceae	Nattu Vadumai	Asia
203	<i>Terminalia catappa L.</i>	Combretaceae	Nattu Vadumai	Asia
204	<i>Terminalia catappa L.</i>	Combretaceae	Nattu Vadumai	Asia
205	<i>Delonix regia (Hook.) Raf</i>	Leguminosae	Cemmayir-konrai	Madagascar
206	<i>Polyalthia longifolia (Sonn.) Thwaites.</i>	Annonaceae	Nettilingam	India
207	<i>Polyalthia longifolia (Sonn.) Thwaites.</i>	Annonaceae	Nettilingam	India
208	<i>Polyalthia longifolia (Sonn.) Thwaites.</i>	Annonaceae	Nettilingam	India
209	<i>Polyalthia longifolia (Sonn.) Thwaites.</i>	Annonaceae	Nettilingam	India
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211	<i>Polyalthia longifolia (Sonn.) Thwaites.</i>	Annonaceae	Nettilingam	India
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213	<i>Polyalthia longifolia (Sonn.) Thwaites.</i>	Annonaceae	Nettilingam	India
214	<i>Azadirachta indica A.Juss.</i>	Meliaceae	Vembu	Indian subcontinent
215	<i>Spathodia campanulata P.Beauv.</i>	Bignoniaceae	Thanneer kai maram	South east asia
216	<i>Peltophorum pterocarpum(Dc.)</i>	Leguminosae	Vagai	Srilanka
217	<i>Peltophorum pterocarpum(Dc.)</i>	Leguminosae	Vagai	Srilanka
218	<i>Peltophorum pterocarpum(Dc.)</i>	Leguminosae	Vagai	Srilanka

219	<i>Dypsis lutescens</i> (H.Wendl.)	Arecaceae	No regional name	Madagascar
220	<i>Dypsis lutescens</i> (H.Wendl.)	Arecaceae	No regional name	Madagascar
221	<i>Dypsis lutescens</i> (H.Wendl.)	Arecaceae	No regional name	Madagascar
222	<i>Dypsis lutescens</i> (H.Wendl.)	Arecaceae	No regional name	Madagascar
223	<i>Dypsis lutescens</i> (H.Wendl.)	Arecaceae	No regional name	Madagascar
224	<i>Dypsis lutescens</i> (H.Wendl.)	Arecaceae	No regional name	Madagascar
225	<i>Polyalthia longifolia</i> (Sonn.) Thwaites.	Annonaceae	Nettilingam	India
226	<i>Polyalthia longifolia</i> (Sonn.) Thwaites.	Annonaceae	Nettilingam	India
227	<i>Polyalthia longifolia</i> (Sonn.) Thwaites.	Annonaceae	Nettilingam	India
228	<i>Polyalthia longifolia</i> (Sonn.) Thwaites.	Annonaceae	Nettilingam	India
229	<i>Polyalthia longifolia</i> (Sonn.) Thwaites.	Annonaceae	Nettilingam	India
230	<i>Polyalthia longifolia</i> (Sonn.) Thwaites.	Annonaceae	Nettilingam	India
231	<i>Spathodia campanulata</i> P.Beauv.	Bignoniaceae	Thanneer kai maram	South east asia
232	<i>Tecoma stans</i> (L.) Juss.ex Kunth	Bignoniaceae	Sonnapatti	Central America
233	<i>Polyalthia longifolia</i> (Sonn.) Thwaites.	Annonaceae	Nettilingam	India
234	<i>Tecoma stans</i> (L.) Juss.ex Kunth	Bignoniaceae	Sonnapatti	Central America
235	<i>Spathodia campanulata</i> P.Beauv.	Bignoniaceae	Thanneer kai maram	South east asia
236	<i>Albizia lebbek</i> (L.) Benth.	Leguminosae	Vagai	India
237	<i>Tecoma stans</i> (L.) Juss.ex Kunth	Bignoniaceae	Sonnapatti	Central America
238	<i>Dypsis lutescens</i> (H.Wendl.)	Arecaceae	No regional name	Madagascar
239	<i>Arucaria Angustifolia</i> ( Bertol.) Kuntze	Arucariaceae	No regional name	Southern Brazil
240	<i>Peltophorum pterocarpum</i> (Dc.)	Leguminosae	Iyal Vaghai	Srilanka
241	<i>Azadirachta indica</i> A.Juss.	Meliaceae	Vembu	Indian subcontinent
242	<i>Cassia roxburgii</i> DC.	Leguminosae	Sengkondrai	Indian subcontinent
243	<i>Cassia roxburgii</i> DC.	Leguminosae	Sengkondrai	Indian subcontinent

244	<i>Mimusops elengi</i> L.	Sapotaceae	Magizhamboo	Asia
245	<i>Mimusops elengi</i> L.	Sapotaceae	Magizhamboo	Asia
246	<i>Mimusops elengi</i> L.	Sapotaceae	Magizhamboo	Asia
247	<i>Mimusops elengi</i> L.	Sapotaceae	Magizhamboo	Asia
248	<i>Mimusops elengi</i> L.	Sapotaceae	Magizhamboo	Asia
249	<i>Mimusops elengi</i> L.	Sapotaceae	Magizhamboo	Asia
250	<i>Mimusops elengi</i> L.	Sapotaceae	Magizhamboo	Asia
251	<i>Tecoma stans</i> (L.) Juss.ex Kunth	Bignoniaceae	Sonnapatti	Central America
252	<i>Tecoma stans</i> (L.) Juss.ex Kunth	Bignoniaceae	Sonnapatti	Central America
253	<i>Azadirachta indica</i> A.Juss.	Meliaceae	Vembu	Indian subcontinent
254	<i>Mimusops elengi</i> L.	Sapotaceae	Magizhamboo	Asia
255	<i>Mimusops elengi</i> L.	Sapotaceae	Magizhamboo	Asia
256	<i>Mimusops elengi</i> L.	Sapotaceae	Magizhamboo	Asia
257	<i>Mimusops elengi</i> L.	Sapotaceae	Magizhamboo	Asia
258	<i>Bauhinia purpurea</i> L.	Leguminosae	Mandharai	South east asia
259	<i>Tecoma stans</i> (L.) Juss.ex Kunth	Bignoniaceae	Sonnapatti	Central America
260	<i>Tecoma stans</i> (L.) Juss.ex Kunth	Bignoniaceae	Sonnapatti	Central America
261	<i>Bauhinia purpurea</i> L.	Leguminosae	Mandharai	South east asia
262	<i>Livistona chinensis</i> (Jacq.)R.Br.ex mart.	Arecaceae	Adaikkai	East asia
263	<i>Livistona chinensis</i> (Jacq.)R.Br.ex mart.	Arecaceae	Adaikkai	East asia
264	<i>Tecoma stans</i> (L.) Juss.ex Kunth	Bignoniaceae	Sonnapatti	Central America
265	<i>Azadirachta indica</i> A.Juss.	Meliaceae	Vembu	Indian subcontinent
266	<i>Delonix elata</i> (L.) Gamble	Leguminosae	Vatha Naranan	Africa
267	<i>Livistona chinensis</i> (Jacq.)R.Br.ex mart.	Arecaceae	Adaikkai	East asia
268	<i>Tectona grandis</i> L.f.	Lamiaceae	Thekku	Indo-China
269	<i>Tectona grandis</i> L.f.	Lamiaceae	Thekku	Indo-China
270	<i>Tectona grandis</i> L.f.	Lamiaceae	Thekku	Indo-China
271	<i>Cordia sebestena</i> L.	Boraginaceae	Aechinarvihli	North America
272	<i>Tecoma stans</i> (L.) Juss.ex Kunth	Bignoniaceae	Sonnapatti	Central America
273	<i>Cordia sebestena</i> L.	Boraginaceae	Aechinarvihli	North America
274	<i>Delonix regia</i> (Hook.) Raf	Leguminosae	Cemmayir-konrai	Madagascar
275	<i>Delonix elata</i> (L.) Gamble	Leguminosae	Vatha Naranan	Africa
276	<i>Livistona chinensis</i> (Jacq.)R.Br.ex mart.	Arecaceae	Adaikkai	East asia
277	<i>Tectona grandis</i> L.f.	Lamiaceae	Thekku	Indo-China

278	<i>Tectona grandis</i> L.f.	Lamiaceae	Thekku	Indo-China
279	<i>Peltophorum pterocarpum</i> (Dc.)	Leguminosae	Iyal Vaghai	Srilanka
280	<i>Peltophorum pterocarpum</i> (Dc.)	Leguminosae	Iyal Vaghai	Srilanka
281	<i>Pongamia pinnata</i> (L.)Pierre	Leguminosae	Punghai	Asia
282	<i>Dypsis lutescens</i> (H.Wendl.)	Arecaceae	No regional name	Madagascar
283	<i>Bauhinia purpurea</i> L.	Leguminosae	Mandharai	South east asia
284	<i>Tecoma stans</i> (L.) Juss.ex Kunth	Bignoniaceae	Sonnapatti	Central America
285	<i>Cordia sebestena</i> L.	Boraginaceae	Aechinarvihli	North America
286	<i>Bauhinia purpurea</i> L.	Leguminosae	Mandharai	South east asia
287	<i>Dypsis lutescens</i> (H.Wendl.)	Arecaceae	No regional name	Madagascar
288	<i>Dypsis lutescens</i> (H.Wendl.)	Arecaceae	No regional name	Madagascar
289	<i>Acacia auriculiformis</i> Benth.	Leguminosae	Kathi karuvel	Australia
289	<i>Tamarindus indica</i> L.	Leguminosae	Puliyamaram	North America
291	<i>Peltophorum pterocarpum</i> (Dc.)	Leguminosae	Iyal Vaghai	Srilanka
292	<i>Peltophorum pterocarpum</i> (Dc.)	Leguminosae	Iyal Vaghai	Srilanka
293	<i>Pongamia pinnata</i> (L.)Pierre	Leguminosae	Punghai	Asia
294	<i>Pongamia pinnata</i> (L.)Pierre	Leguminosae	Punghai	Asia
295	<i>Pongamia pinnata</i> (L.)Pierre	Leguminosae	Punghai	Asia
296	<i>Tabebuia rosea</i> (Bertol.) Berterw ex A.Dc.	Bignoniaceae	Vasanth Rani	Tropical America
297	<i>Azadirachta indica</i> A.Juss.	Meliaceae	Vembu	Indian subcontinent
298	<i>Bauhinia tomentosa</i> L	Leguminosae	Iruvachi	Africa
299	<i>Plumeria obtusa</i> L.	Apocynaceae	Nela Sampangi	Central America
300	<i>Azadirachta indica</i> A.Juss.	Meliaceae	Vembu	Indian subcontinent
301	<i>Cordia sebestena</i> L.	Boraginaceae	Aechinarvihli	North America
302	<i>Azadirachta indica</i> A.Juss.	Meliaceae	Vembu	Indian subcontinent
303	<i>Callistemon citrinus</i> (Curtis) Skeels	Myrtaceae	Bottle brush	Australia
304	<i>Tamarindus indica</i> L.	Leguminosae	Puliyamaram	North America
305	<i>Azadirachta indica</i> A.Juss.	Meliaceae	Vembu	Indian subcontinent
306	<i>Azadirachta indica</i> A.Juss.	Meliaceae	Vembu	Indian subcontinent
307	<i>Azadirachta indica</i> A.Juss.	Meliaceae	Vembu	Indian subcontinent
308	<i>Mimusops elengi</i> L.	Sapotaceae	Magizhamboo	South east asia
309	<i>Mimusops elengi</i> L.	Sapotaceae	Magizhamboo	South east asia
310	<i>Mimusops elengi</i> L.	Sapotaceae	Magizhamboo	South east asia
311	<i>Mimusops elengi</i> L.	Sapotaceae	Magizhamboo	South east asia
312	<i>Mimusops elengi</i> L.	Sapotaceae	Magizhamboo	South east asia

313	<i>Mimusops elengi L.</i>	Sapotaceae	Magizhamboo	South east asia
314	<i>Plumeria obtusa L.</i>	Apocynaceae	Nela Sampangi	Central America
315	<i>Tectona grandis L.f.</i>	Lamiaceae	Thekku	Indo-China
316	<i>Cassia roxburgii DC.</i>	Leguminosae	Sengkondrai	India
317	<i>Tectona grandis L.f.</i>	Lamiaceae	Thekku	Indo-China
318	<i>Tectona grandis L.f.</i>	Lamiaceae	Thekku	Indo-China
319	<i>Tectona grandis L.f.</i>	Lamiaceae	Thekku	Indo-China
320	<i>Cordia sebestena L.</i>	Boraginaceae	Aechinarvihli	North America
321	<i>Tectona grandis L.f.</i>	Lamiaceae	Thekku	Indo-China
322	<i>Tectona grandis L.f.</i>	Lamiaceae	Thekku	Indo-China
323	<i>Plumeria obtusa L.</i>	Apocynaceae	Nela Sampangi	Central America
324	<i>Terminalia arjuna L.</i>	Combretaceae	Marutham	Asia
325	<i>Delonix elata (L.) Gamble</i>	Leguminosae	Vatha Naranan	Africa
326	<i>Roystonea regia (Kunth) O.F.Cook</i>	Arecaceae	Royal palm	Central America
327	<i>Bauhinia purpurea L.</i>	Leguminosae	Mandharai	South east asia
328	<i>Roystonea regia (Kunth) O.F.Cook</i>	Arecaceae	Royal palm	Central America
329	<i>Delonix elata (L.) Gamble</i>	Leguminosae	Vatha Naranan	Africa
330	<i>Tectona grandis L.f.</i>	Lamiaceae	Thekku	Indo-China
331	<i>Terminalia catappa L.</i>	Combretaceae	Nattu Vadumai	Asia
332	<i>Mimusops elengi L.</i>	Sapotaceae	Magizhamboo	South east asia
333	<i>Tectona grandis L.f.</i>	Lamiaceae	Thekku	Indo-China
334	<i>Tectona grandis L.f.</i>	Lamiaceae	Thekku	Indo-China
335	<i>Tectona grandis L.f.</i>	Lamiaceae	Thekku	Indo-China
336	<i>Tectona grandis L.f.</i>	Lamiaceae	Thekku	Indo-China
337	<i>Azadirachta indica A.Juss.</i>	Meliaceae	Vembu	Indian subcontinent
338	<i>Not identified</i>			
339	<i>Dyopsis lutescens (H.Wendl.)</i>	Arecaceae	No Regional name	Madagascar
340	<i>Dyopsis lutescens (H.Wendl.)</i>	Arecaceae	No Regional name	Madagascar
341	<i>Roystonea regia (Kunth) O.F.Cook</i>	Arecaceae	Royal palm	Central America
342	<i>Dyopsis lutescens (H.Wendl.)</i>	Arecaceae	No Regional name	Madagascar
343	<i>Grevillea robusta A.Cunn.ex R.Br.</i>	Proteaceae	No Regional name	Australia
344	<i>Delonix elata (L.) Gamble</i>	Leguminosae	Vatha Naranan	Africa
345	<i>Delonix elata (L.) Gamble</i>	Leguminosae	Vatha Naranan	Africa
346	<i>Bambusa arundinacea (Retz.) Willd.</i>	Poaceae	Mungil	South east asia
347	<i>Delonix elata (L.) Gamble</i>	Leguminosae	Vatha Naranan	Africa
348	<i>Azadirachta indica A.Juss.</i>	Meliaceae	Vembu	Indian subcontinent
349	<i>Santalum album L.</i>	Sapotaceae	Santhanam	India

350	<i>Santalum album L.</i>	Sapotaceae	Santhanam	India
351	<i>Santalum album L.</i>	Sapotaceae	Santhanam	India
352	<i>Santalum album L.</i>	Sapotaceae	Santhanam	India
353	<i>Azadirachta indica A.Juss.</i>	Meliaceae	Vembu	Indian subcontinent
354	<i>Santalum album L.</i>	Sapotaceae	Santhanam	India
355	<i>Terminalia catappa L.</i>	Combretaceae	Nattu Vadumai	Asia
356	<i>Spathodia campanulata P.Beauv.</i>	Bignoniaceae	Thanneer kai maram	South east asia
357	<i>Spathodia campanulata P.Beauv.</i>	Bignoniaceae	Thanneer kai maram	South east asia
358	<i>Terminalia catappa L.</i>	Combretaceae	Nattu Vadumai	Asia
359	<i>Spathodia campanulata P.Beauv.</i>	Bignoniaceae	Thanneer kai maram	South east asia
360	<i>Spathodia campanulata P.Beauv.</i>	Bignoniaceae	Thanneer kai maram	South east asia
361	<i>Spathodia campanulata P.Beauv.</i>	Bignoniaceae	Thanneer kai maram	South east asia
362	<i>Plumeria obtusa L.</i>	Boraginaceae	Nela Sampangi	Central America
363	<i>Dyopsis lutescens (H.Wendl.)</i>	Arecaceae	No Regional name	Madagascar
364	<i>Syzygium cumini (L.) Skeels</i>	Myrtaceae	Naaval	India
365	<i>Delonix elata (L.) Gamble</i>	Leguminosae	Vatha Naranan	Africa
366	<i>Roystonea regia (Kunth) O.F.Cook</i>	Arecaceae	Royal palm	Central America
367	<i>Roystonea regia (Kunth) O.F.Cook</i>	Arecaceae	Royal palm	Central America
368	<i>Roystonea regia (Kunth) O.F.Cook</i>	Arecaceae	Royal palm	Central America
369	<i>Arucaria Angustifolia ( Bertol.) Kuntze</i>	Arucariaceae	No Regional name	Southern Brazil
370	<i>Polyalthia longifolia (Sonn.) Thwaites.</i>	Annonaceae	Nettilingam	India
371	<i>Dyopsis lutescens (H.Wendl.)</i>	Arecaceae	No Regional name	Madagascar
372	<i>Polyalthia longifolia (Sonn.) Thwaites.</i>	Annonaceae	Nettilingam	India
373	<i>Dyopsis lutescens (H.Wendl.)</i>	Arecaceae	No Regional name	Madagascar
374	<i>Mangifera indicaL.</i>	Anacardiaceae	Maamaram	Indian subcontinent
375	<i>Polyalthia longifolia (Sonn.) Thwaites.</i>	Annonaceae	Nettilingam	Indian subcontinent
376	<i>Polyalthia longifolia (Sonn.) Thwaites.</i>	Annonaceae	Nettilingam	Indian subcontinent
377	<i>Livistona chinensis</i>	Arecaceae	Adaikkai	East asia

	<i>(Jacq.)R.Br.ex mart.</i>			
378	<i>Livistona chinensis (Jacq.)R.Br.ex mart.</i>	Arecaceae	Adaikkai	East asia
379	<i>Santalum album L.</i>	Santalaceae	Santhanam	India
380	<i>Polyalthia longifolia (Sonn.) Thwaites.</i>	Annonaceae	Nettilingam	Indian subcontinent
381	<i>Polyalthia longifolia (Sonn.) Thwaites.</i>	Annonaceae	Nettilingam	Indian subcontinent
382	<i>Areca catechu L.</i>	Arecaceae	No Regional name	Tropical pacific
383	<i>Areca catechu L.</i>	Arecaceae	No Regional name	Tropical pacific
384	<i>Areca catechu L.</i>	Arecaceae	No Regional name	Tropical pacific
385	<i>Polyalthia longifolia (Sonn.) Thwaites.</i>	Annonaceae	Nettilingam	Indian subcontinent
386	<i>Polyalthia longifolia (Sonn.) Thwaites.</i>	Annonaceae	Nettilingam	Indian subcontinent
387	<i>Polyalthia longifolia (Sonn.) Thwaites.</i>	Annonaceae	Nettilingam	Indian subcontinent
388	<i>Bauhinia tomentosa L</i>	Leguminosae	Iruvachi	Africa
389	<i>Cocos nucifera L.</i>	Arecaceae	Thennai maram	South east asia
390	<i>Cocos nucifera L.</i>	Arecaceae	Thennai maram	South east asia
391	<i>Cocos nucifera L.</i>	Arecaceae	Thennai maram	South east asia
392	<i>Polyalthia longifolia (Sonn.) Thwaites.</i>	Annonaceae	Nettilingam	India
393	<i>Polyalthia longifolia (Sonn.) Thwaites.</i>	Annonaceae	Nettilingam	India
394	<i>Bauhinia tomentosa L.</i>	Leguminosae	Iruvachi	Africa
395	<i>Bauhinia tomentosa L.</i>	Leguminosae	Iruvachi	Africa
396	<i>Livistona chinensis (Jacq.)R.Br.ex mart.</i>	Arecaceae	Adaikkai	East asia
397	<i>Cocos nucifera L.</i>	Arecaceae	Thennai maram	South east asia
398	<i>Cocos nucifera L.</i>	Arecaceae	Thennai maram	South east asia
399	<i>Cocos nucifera L.</i>	Arecaceae	Thennai maram	South east asia
400	<i>Dyopsis lutescens (H.Wendl.)</i>	Arecaceae	No Regional name	Madagascar
401	<i>Dyopsis lutescens (H.Wendl.)</i>	Arecaceae	No Regional name	Madagascar
402	<i>Polyalthia longifolia (Sonn.) Thwaites.</i>	Annonaceae	Nettilingam	Indian subcontinent
403	<i>Dyopsis lutescens (H.Wendl.)</i>	Arecaceae	No Regional name	Madagascar
404	<i>Syzygium cumini (L.) Skeels</i>	Myrtaceae	Naaval	Indian subcontinent
405	<i>Tamarindus indica L.</i>	Lamiaceae	Puliyamaram	North America

406	<i>Tamarindus indica L.</i>	Lamiaceae	Puliyamaram	North America
407	<i>Azadirachta indica A.Juss.</i>	Meliaceae	Vembu	Indian subcontinent
408	<i>Santalum album L.</i>	Santalaceae	Santhanam	India
409	<i>Bambua vulgaris Schrad.</i>	Poaceae	No Regional name	Tropical Asia
410	<i>Tamarindus indica L.</i>	Leguminosae	Puliyamaram	North America
411	<i>Cocos nucifera L.</i>	Arecaceae	Thennai maram	South east asia
412	<i>Cocos nucifera L.</i>	Arecaceae	Thennai maram	South east asia
413	<i>Cocos nucifera L.</i>	Arecaceae	Thennai maram	South east asia
414	<i>Cocos nucifera L.</i>	Arecaceae	Thennai maram	South east asia
415	<i>Cocos nucifera L.</i>	Arecaceae	Thennai maram	South east asia
416	<i>Cocos nucifera L.</i>	Arecaceae	Thennai maram	South east asia
417	<i>Cocos nucifera L.</i>	Arecaceae	Thennai maram	South east asia
418	<i>Cocos nucifera L.</i>	Arecaceae	Thennai maram	South east asia
419	<i>Cocos nucifera L.</i>	Arecaceae	Thennai maram	South east asia
420	<i>Azadirachta indica A.Juss.</i>	Meliaceae	Vembu	Indian subcontinent
421	<i>Polyalthia longifolia (Sonn.) Thwaites.</i>	Annonaceae	Nettilingam	India
422	<i>Polyalthia longifolia (Sonn.) Thwaites.</i>	Annonaceae	Nettilingam	India
423	<i>Polyalthia longifolia (Sonn.) Thwaites.</i>	Annonaceae	Nettilingam	India
424	<i>Polyalthia longifolia (Sonn.) Thwaites.</i>	Annonaceae	Nettilingam	India
425	<i>Polyalthia longifolia (Sonn.) Thwaites.</i>	Annonaceae	Nettilingam	India
426	<i>Polyalthia longifolia (Sonn.) Thwaites.</i>	Annonaceae	Nettilingam	India
427	<i>Polyalthia longifolia (Sonn.) Thwaites.</i>	Annonaceae	Nettilingam	India
428	<i>Polyalthia longifolia (Sonn.) Thwaites.</i>	Annonaceae	Nettilingam	India
429	<i>Annona squamosa L.</i>	Annonaceae	Seetha	India
430	<i>Tamarindus indica L.</i>	Leguminosae	Puliyamaram	North America
431	<i>Azadirachta indica A.Juss.</i>	Meliaceae	Vembu	Indian subcontinent
432	<i>Tamarindus indica L.</i>	Leguminosae	Puliyamaram	North America
433	<i>Tamarindus indica L.</i>	Leguminosae	Puliyamaram	North America
434	<i>Azadirachta indica A.Juss.</i>	Meliaceae	Vembu	Indian subcontinent
435	<i>Tamarindus indica L.</i>	Leguminosae	Puliyamaram	North America
436	<i>Millingtonia hortensis L.f.</i>	Bignoniaceae	Kattu Malli	South east asia
437	<i>Leucaena leucocephala (Lam.) de Wit</i>	Leguminosae	Soundal	Central America
438	<i>Santalum album L.</i>	Santalaceae	Santhanam	India
439	<i>Wrightia tinctoria R.Br.</i>	Apocynaceae	Vettpalai	India
440	<i>Bauhinia purpurea L.</i>	Leguminosae	Mandharai	South east asia



441	<i>Tamarindus indica L.</i>	Leguminosae	Puliyamaram	North America
442	<i>Peltophorum pterocarpum(Dc.)</i>	Leguminosae	Iyal Vaghai	Srilanka
443	<i>Tamarindus indica L.</i>	Leguminosae	Puliyamaram	North America
444	<i>Tamarindus indica L.</i>	Leguminosae	Puliyamaram	North America
445	<i>Tamarindus indica L.</i>	Leguminosae	Puliyamaram	North America
446	<i>Mangifera indica L.</i>	Sapotaceae	Iluppai	India
447	<i>Bauhinia purpurea L.</i>	Leguminosae	Mandharai	South east asia
448	<i>Delonix elata (L.) Gamble</i>	Leguminosae	Vatha Naranan	Africa
449	<i>Tamarindus indica L.</i>	Leguminosae	Puliyamaram	North America
450	<i>Wrightia tinctoria R.Br.</i>	Apocynaceae	Vettpalai	India
451	<i>Terminalia arjuna (Roxb. Ex.DC) Wight&amp;Arn.</i>	Combretaceae	Marutham	India
452	<i>Bauhinia purpurea L.</i>	Leguminosae	Mandharai	South east asia
453	<i>Tabebuia rosea (Bertol.) Berterw ex A.Dc.</i>	Bignoniaceae	Vasantha Rani	Tropical America
454	<i>Delonix regia (Hook.) Raf</i>	Leguminosae	Cemmayir-konrai	Madagascar
455	<i>Delonix regia (Hook.) Raf</i>	Leguminosae	Cemmayir-konrai	Madagascar
456	<i>Delonix regia (Hook.) Raf</i>	Leguminosae	Cemmayir-konrai	Madagascar
457	<i>Delonix regia (Hook.) Raf</i>	Leguminosae	Cemmayir-konrai	Madagascar
458	<i>Delonix regia (Hook.) Raf</i>	Leguminosae	Cemmayir-konrai	Madagascar
459	<i>Tamarindus indica L.</i>	Leguminosae	Puliyamaram	North America
460	<i>Tamarindus indica L.</i>	Leguminosae	Puliyamaram	North America
461	<i>Tamarindus indica L.</i>	Leguminosae	Puliyamaram	North America
462	<i>Bauhinia purpurea L.</i>	Leguminosae	Mandharai	South east asia
463	<i>Delonix elata (L.) Gamble</i>	Leguminosae	Vatha Naranan	Africa
464	<i>Bauhinia purpurea L.</i>	Leguminosae	Mandharai	South east asia
465	<i>Polyalthia longifolia (Sonn.) Thwaites.</i>	Annonaceae	Nettilingam	India
466	<i>Polyalthia longifolia (Sonn.) Thwaites.</i>	Annonaceae	Nettilingam	India
467	<i>Polyalthia longifolia (Sonn.) Thwaites.</i>	Annonaceae	Nettilingam	India
468	<i>Polyalthia longifolia (Sonn.) Thwaites.</i>	Annonaceae	Nettilingam	India
469	<i>Polyalthia longifolia (Sonn.) Thwaites.</i>	Annonaceae	Nettilingam	India
470	<i>Polyalthia longifolia (Sonn.) Thwaites.</i>	Annonaceae	Nettilingam	India
471	<i>Polyalthia longifolia (Sonn.)</i>	Annonaceae	Nettilingam	India

	<i>Thwaites.</i>			
472	<i>Polyalthia longifolia</i> (Sonn.) <i>Thwaites.</i>	Annonaceae	Nettilingam	India
473	<i>Swietenia macrophylla</i> King	Meliaceae	Thenkani	Central America
474	<i>Swietenia macrophylla</i> King	Meliaceae	Thenkani	Central America
475	<i>Swietenia macrophylla</i> King	Meliaceae	Thenkani	Central America
476	<i>Tamarindus indica</i> L.	Leguminosae	Puliyamaram	North America
477	<i>Holoptelea integrifolia</i> Planch.	Ulmaceae	Aya Maram	Pacific islands
478	<i>Holoptelea integrifolia</i> Planch.	Ulmaceae	Aya Maram	Pacific islands
479	<i>Tamarindus indica</i> L.	Leguminosae	Puliyamaram	North America
480	<i>Tamarindus indica</i> L.	Leguminosae	Puliyamaram	North America
481	<i>Holoptelea integrifolia</i> Planch.	Ulmaceae	Aya Maram	Pacific islands
482	<i>Tamarindus indica</i> L.	Leguminosae	Puliyamaram	North America
483	<i>Tamarindus indica</i> L.	Leguminosae	Puliyamaram	North America
484	<i>Tamarindus indica</i> L.	Leguminosae	Puliyamaram	North America
485	<i>Tamarindus indica</i> L.	Leguminosae	Puliyamaram	North America
486	<i>Azadirachta indica</i> A.Juss.	Meliaceae	Vembu	Indian subcontinent
487	<i>Thespesia populnea</i> (L.) Sol. <i>ex Corrêa</i>	Malvaceae	Poovarasu	Indian subcontinent
488	<i>Thespesia populnea</i> (L.) Sol. <i>ex Corrêa</i>	Malvaceae	Poovarasu	Indian subcontinent
489	<i>Thespesia populnea</i> (L.) Sol. <i>ex Corrêa</i>	Malvaceae	Poovarasu	Indian subcontinent
490	<i>Thespesia populnea</i> (L.) Sol. <i>ex Corrêa</i>	Malvaceae	Poovarasu	Indian subcontinent
491	<i>Swietenia macrophylla</i> King	Meliaceae	Thenkani	Central America
492	<i>Thespesia populnea</i> (L.) Sol. <i>ex Corrêa</i>	Malvaceae	Poovarasu	Indian Subcontinent
493	<i>Thespesia populnea</i> (L.) Sol. <i>ex Corrêa</i>	Malvaceae	Poovarasu	Indian Subcontinent
494	<i>Thespesia populnea</i> (L.) Sol. <i>ex Corrêa</i>	Malvaceae	Poovarasu	Indian Subcontinent
495	<i>Thespesia populnea</i> (L.) Sol. <i>ex Corrêa</i>	Malvaceae	Poovarasu	Indian Subcontinent
496	<i>Azadirachta indica</i> A.Juss.	Meliaceae	Vembu	Indian subcontinent
497	<i>Tamarindus indica</i> L.	Leguminosae	Puliyamaram	North America
498	<i>Mimusops elengi</i> L.	Sapotaceae	Magizhamboo	South east asia
499	<i>Delonix elata</i> (L.) Gamble	Leguminosae	Vatha naranan	Africa
500	<i>Polyalthia longifolia</i> (Sonn.) <i>Thwaites.</i>	Annonaceae	Nettilingam	Indian Subcontinent
501	<i>Delonix elata</i> (L.) Gamble	Leguminosae	Vatha naranan	Africa
502	<i>Polyalthia longifolia</i> (Sonn.)	Annonaceae	Nettilingam	Indian

	<i>Thwaites.</i>			Subcontinent
503	<i>Polyalthia longifolia</i> (Sonn.) <i>Thwaites.</i>	Annonaceae	Nettilingam	Indian Subcontinent
504	<i>Polyalthia longifolia</i> (Sonn.) <i>Thwaites.</i>	Annonaceae	Nettilingam	Indian Subcontinent
505	<i>Polyalthia longifolia</i> (Sonn.) <i>Thwaites.</i>	Annonaceae	Nettilingam	Indian Subcontinent
506	<i>Polyalthia longifolia</i> (Sonn.) <i>Thwaites.</i>	Annonaceae	Nettilingam	Indian Subcontinent
507	<i>Polyalthia longifolia</i> (Sonn.) <i>Thwaites.</i>	Annonaceae	Nettilingam	Indian Subcontinent
508	<i>Delonix elata</i> (L.) Gamble	Leguminosae	Vatha naranan	Africa
509	<i>Azadirachta indica</i> A.Juss.	Meliaceae	Vembu	Indian subcontinent
510	<i>Thespesia populnea</i> (L.) Sol. <i>ex Corrêa</i>	Malvaceae	Poovarasu	Indian Subcontinent
511	<i>Thespesia populnea</i> (L.) Sol. <i>ex Corrêa</i>	Malvaceae	Poovarasu	Indian Subcontinent
512	<i>Terminalia catappa</i> L.	Combretaceae	Nattu vathumai	Tropical Asia
513	<i>Terminalia catappa</i> L.	Combretaceae	Nattu vathumai	Tropical Asia
514	<i>Terminalia catappa</i> L.	Combretaceae	Nattu vathumai	Tropical Asia
515	<i>Terminalia catappa</i> L.	Combretaceae	Nattu vathumai	Tropical Asia
516	<i>Terminalia catappa</i> L.	Combretaceae	Nattu vathumai	Tropical Asia
517	<i>Terminalia catappa</i> L.	Combretaceae	Nattu vathumai	Tropical Asia
518	<i>Samanea saman</i> (Jacq.) <i>Merr.</i>	Leguminosae	Amaivaghai	Central America
519	<i>Cocos nucifera</i> L.	Arecaceae	Thennai maram	South east asia
520	<i>Terminalia catappa</i> L.	Combretaceae	Nattu vathumai	Tropical Asia
521	<i>Terminalia catappa</i> L.	Combretaceae	Nattu vathumai	Tropical Asia
522	<i>Terminalia catappa</i> L.	Combretaceae	Nattu vathumai	Tropical Asia
523	<i>Terminalia catappa</i> L.	Combretaceae	Nattu vathumai	Tropical Asia
524	<i>Azadirachta indica</i> A.Juss.	Meliaceae	Vembu	Indian subcontinent
525	<i>Azadirachta indica</i> A.Juss.	Meliaceae	Vembu	Indian subcontinent
526	<i>Azadirachta indica</i> A.Juss.	Meliaceae	Vembu	Indian subcontinent
527	<i>Samanea saman</i> (Jacq.) <i>Merr.</i>	Leguminosae	Amaivaghai	Central America
528	<i>Peltophorum pterocarpum</i> (Dc.)	Leguminosae	Iyal vagai	Srilanka
529	<i>Thespesia populnea</i> (L.) Sol. <i>ex Corrêa</i>	Malvaceae	Poovarasu	Indian Subcontinent
530	<i>Terminalia catappa</i> L.	Combretaceae	Nattu vathumai	Tropical Asia
531	<i>Terminalia catappa</i> L.	Combretaceae	Nattu vathumai	Tropical Asia
532	<i>Cordia sebestena</i> L.	Boraginaceae	Aechinaruvihli	North America
533	<i>Cordia sebestena</i> L.	Boraginaceae	Aechinaruvihli	North America
534	<i>Delonix elata</i> (L.) Gamble	Leguminosae	Vatha naranan	Africa
535	<i>Tectona grandis</i> L.f.	Lamiaceae	Thekku	Indo-China

536	<i>Tectona grandis L.f.</i>	Lamiaceae	Thekku	Indo-China
537	<i>Tectona grandis L.f.</i>	Lamiaceae	Thekku	Indo-China
538	<i>Holoptelea integrifolia Planch.</i>	Ulmaceae	Aya maram	Pacific Islands
539	<i>Tectona grandis L.f.</i>	Lamiaceae	Thekku	Indo-China
540	<i>Tectona grandis L.f.</i>	Lamiaceae	Thekku	Indo-China
541	<i>not indentified no leaves and fruits</i>			
542	<i>Cocos nucifera L.</i>	Arecaceae	Thennai maram	South east asia
543	<i>Cocos nucifera L.</i>	Arecaceae	Thennai maram	South east asia
544	<i>Cocos nucifera L.</i>	Arecaceae	Thennai maram	South east asia
545	<i>Cocos nucifera L.</i>	Arecaceae	Thennai maram	South east asia
546	<i>Cocos nucifera L.</i>	Arecaceae	Thennai maram	South east asia
547	<i>Ficus recemosa L.</i>	Moraceae	Aththi maram	Indian Subcontinent
548	<i>Cocos nucifera L.</i>	Arecaceae	Thennai maram	South east asia
549	<i>Cocos nucifera L.</i>	Arecaceae	Thennai maram	South east asia
550	<i>Pongamia pinnata(L.)Pierre</i>	Leguminosae	Punghai	Asia
551	<i>Cocos nucifera L.</i>	Arecaceae	Thennai maram	South east asia
552	<i>Cocos nucifera L.</i>	Arecaceae	Thennai maram	South east asia
553	<i>Delonix elata (L.) Gamble</i>	Leguminosae	Vatha naranan	Africa
554	<i>Cocos nucifera L.</i>	Arecaceae	Thennai maram	South east asia
555	<i>Cocos nucifera L.</i>	Arecaceae	Thennai maram	South east asia
556	<i>Tamarindus indica L.</i>	Leguminosae	Puliyamaram	North America
557	<i>Delonix regia (Hook.) Raf</i>	Leguminosae	Cemmayir-konrai	Madagascar
558	<i>Delonix regia (Hook.) Raf</i>	Leguminosae	Cemmayir-konrai	Madagascar
559	<i>Tamarindus indica L.</i>	Leguminosae	Puliyamaram	North America
560	<i>Tamarindus indica L.</i>	Leguminosae	Puliyamaram	North America
561	<i>Tamarindus indica L.</i>	Leguminosae	Puliyamaram	North America
562	<i>Azadirachta indica A.Juss.</i>	Meliaceae	Vembu	Indian subcontinent
563	<i>Tamarindus indica L.</i>	Leguminosae	Puliyamaram	North America
564	<i>Delonix elata (L.) Gamble</i>	Leguminosae	Vatha naranan	Africa
565	<i>Azadirachta indica A.Juss.</i>	Meliaceae	Vembu	Indian subcontinent
566	<i>Syzygium cumini (L.) Skeels</i>	Myrtaceae	Naaval	Indian Subcontinent
567	<i>Cassia roxburgii DC.</i>	Leguminosae	Sengkondrai	India
568	<i>Azadirachta indica A.Juss.</i>	Meliaceae	Vembu	Indian subcontinent
569	<i>Terminalia catappa L.</i>	Combretaceae	Nattu vathumai	Asia
570	<i>Tamarindus indica L.</i>	Leguminosae	Puliyamaram	North America
571	<i>Tamarindus indica L.</i>	Leguminosae	Puliyamaram	North America
572	<i>Polyalthia longifolia (Sonn.) Thwaites.</i>	Annonaceae	Nettilingam	India
573	<i>Tecoma stans (L.) Juss.ex</i>	Bignoniaceae	Sonnapatti	Central America

	<i>Kunth</i>			
574	<i>Polyalthia longifolia</i> (Sonn.) Thwaites.	Annonaceae	Nettilingam	India
575	<i>Tamarindus indica</i> L.	Leguminosae	Puliyamaram	North America
576	<i>Peltophorum pterocarpum</i> (Dc.)	Leguminosae	Iyal vagai	Srilanka
577	<i>Azadirachta indica</i> A.Juss.	Meliaceae	Vembu	Indian subcontinent
578	<i>Delonix elata</i> (L.) Gamble	Leguminosae	Vatha naranan	Africa
579	<i>Peltophorum pterocarpum</i> (Dc.)	Leguminosae	Iyal vagai	Srilanka
580	<i>Peltophorum pterocarpum</i> (Dc.)	Leguminosae	Iyal vagai	Srilanka
581	<i>Peltophorum pterocarpum</i> (Dc.)	Leguminosae	Iyal vagai	Srilanka
582	<i>Delonix elata</i> (L.) Gamble	Leguminosae	Vatha naranan	Africa
583	<i>Areca catechu</i> L.	Arecaceae	No Regional name	Tropical pacific
584	<i>Mimusops elengi</i> L.	Sapotaceae	Magizhamboo	South east asia
585	<i>Polyalthia longifolia</i> (Sonn.) Thwaites.	Annonaceae	Nettilingam	India
586	<i>Polyalthia longifolia</i> (Sonn.) Thwaites.	Annonaceae	Nettilingam	India
587	<i>Polyalthia longifolia</i> (Sonn.) Thwaites.	Annonaceae	Nettilingam	India
588	<i>Polyalthia longifolia</i> (Sonn.) Thwaites.	Annonaceae	Nettilingam	India
589	<i>Morinda pubescens</i> Sm.	Rubiaceae	Nuna	South Asia
590	<i>Albizia lebbeck</i> (L.) Benth.	Leguminosae	Vagai	India
591	<i>Wrightia tinctoria</i> R.Br.	Apocynaceae	Vettpalai	India
592	<i>Azadirachta indica</i> A.Juss.	meliceae	Vembu	Indian subcontinent
593	<i>Albizia lebbeck</i> (L.) Benth.	Leguminosae	Vagai	India
594	<i>Azadirachta indica</i> A.Juss.	Meliaceae	Vembu	Indian subcontinent
595	<i>Polyalthia longifolia</i> (Sonn.) Thwaites.	Annonaceae	Nettilingam	India
596	<i>Peltophorum pterocarpum</i> (Dc.)	Leguminosae	Iyal vagai	Srilanka
597	<i>Polyalthia longifolia</i> (Sonn.) Thwaites.	Annonaceae	Nettilingam	India
598	<i>Delonix elata</i> (L.) Gamble	Leguminosae	Vatha naranan	Africa
599	<i>Polyalthia longifolia</i> (Sonn.) Thwaites.	Annonaceae	Nettilingam	India
600	<i>Delonix regia</i> (Hook.) Raf	Leguminosae	Cemmayir-konrai	Madagascar
601	<i>Delonix regia</i> (Hook.) Raf	Leguminosae	Cemmayir-konrai	Madagascar

602	<i>Delonix regia</i> (Hook.) Raf	Leguminosae	Cemmayir-konrai	Madagascar
603	<i>Peltophorum pterocarpum</i> (Dc.)	Leguminosae	Iyal vagai	Srilanka
604	<i>Polyalthia longifolia</i> (Sonn.) Thwaites.	Annonaceae	Nettilingam	India
605	<i>Delonix regia</i> (Hook.) Raf	Leguminosae	Cemmayir-konrai	Madagascar
606	<i>Delonix regia</i> (Hook.) Raf	Leguminosae	Cemmayir-konrai	Madagascar
607	<i>Livistona chinensis</i> (Jacq.)R.Br.ex mart.	Arecaceae	Adaikai	East asia
608	<i>Cordia sebestena</i> L.	Boraginaceae	Aechinaruvihli	North America
609	<i>Cordia sebestena</i> L.	Boraginaceae	Aechinaruvihli	North America
610	<i>Livistona chinensis</i> (Jacq.)R.Br.ex mart.	Arecaceae	Adaikai	East asia
611	<i>Delonix regia</i> (Hook.) Raf	Leguminosae	Cemmayir-konrai	Madagascar
612	<i>Delonix regia</i> (Hook.) Raf	Leguminosae	Cemmayir-konrai	Madagascar
613	<i>Pterocarpus santalinus</i> L.f.	Leguminosae	Sechsanthanam	South india
614	<i>Pongamia pinnata</i> (L.)Pierre	Leguminosae	Punghai	Asia
615	<i>Thespesia populnea</i> (L.) Sol. ex Corrêa	Malvaceae	Poovarasu	Asia
616	<i>Cocos nucifera</i> L.	Arecaceae	Thennai maram	South east asia
617	<i>Samanea saman</i> (Jacq.) Merr.	Leguminosae	Amaivaghai	Central America
618	<i>Cocos nucifera</i> L.	Arecaceae	Thennai maram	South east asia
619	<i>Tectona grandis</i> L.f.	Lamiaceae	Thekku	Indo-China
620	<i>Cocos nucifera</i> L.	Arecaceae	Thennai maram	South east asia
621	<i>Cocos nucifera</i> L.	Arecaceae	Thennai maram	South east asia



**The Tree Species in the Campus showing the Botanical Classification, Family Name, Regional Name and the Place of Origin**

## SOLID WASTE AUDIT

S.No.	Source of Waste	Solid waste generated (kg/Weeks)
1.	Canteen	15 kg/weeks
2.	Hostels	
	a. Rinaldi	10 kg/week
	b. Guezou	8 kg/week
	c. Murphy	7 kg/week
	d. Amalagam	5 kg/week
3.	Laboratories	
	a. Physics Lab	3 kg/week
	b. Chemistry Lab	4 kg/week
	c. Biochemistry Lab	4 kg/week
4.	Tree droppings	105 kg/week
5.	E-wastes	Annexure-I

### ANNEXURE-I

#### GUEZOU COMPUTER CENTRE ::: LAB EQUIPMENTS (NOT USED) DETAILS

##### Monitor / CPU / Printers / Mouse / Keyboard / Electronic Boards / Microprocessor Kits Details

In GCC Lab Store Room				In Underground Store Room (Room 10)		
Equipment	#	Particulars	Total	#	Particulars	Total
Monitor	1	SAMSUNG 14"	44		Monogram Monitor	16
	2	SAMTRON (HCL) 14"	7		Microtek Monitor	12
	3	MICROTEK 14"	9		Samtron Monitor	4
	4	VIEWSONIC 14"	1			
	5	SAMSUNG 14"	1			
	6	SAMSUNG 15"	11			
	7	SAMSUNG 17"	48			
	8	SAMSUNG(Black) 17"	2			
CPU	1	CPU Cabinet	52		Cabinet	32
	2	CPU's	41		Old Hard Disk Box	1



					Old Mother Board Box	1
					Cooling Fan Box	1
					Floppy & Cd drive box	1
<b>SMPS</b>	1	AT SMPS	10		SMPS Box	1
	2	ATX SMPS	7			
<b>Mouse</b>	1	USB Mouse	1			
	2	Ps/2 Mouse	28			
	3	Serial Mouse	23			
<b>Micro processor</b>	1	Microprocessor 86/88/ Kit BIG	20			
	2	Microprocessor 85EB Kit	3			
	3	Microprocessor 8086 Kit	10			
	4	Microprocessor 8086 Kit	16			
<b>Printer</b>	1	Dotmatrix Printer LQ 300	4		Dotmatrix Printer	9
	2	Dotmatrix Printer LQ 1050	4		Inkjet Printer	4
	3	Wep LQ Dsi Printer	3		Epson Mini Printer	2
	4	Tvs Msp printer	1			
	5	Wipro LQ DX Gold	1			
	6	HP Deskjet	2			
<b>OHP</b>					OHP	1

## LIQUID WASTE AUDIT

The college management ensures that there are separate dustbins available in the hostels and canteens to collect liquid waste generated in the form of food on a daily basis. The average food wastes generated in a liquescent form from these hostels and canteen account to 45 kg/day and the same is effectively transported to nearby farm houses. With nearly fifty percent of this waste being derived from fruit and vegetable origins, this waste is transformed into animal feed. This measure ensures the provision of sufficient nutritional value for animal feed and no pending waste is left over in the college campus whereby ensuring effective liquid waste management and the reuse of waste.

## WATER CONSUMPTION AUDIT

S.No.	Water usage for	Consumption (Liters/Week)
1.	Canteen	6000
2.	Gardening	6500
3.	Hostels	
	a. Rinaldi	7200
	b. Guezou	7000
	c. Murphy	6500
	d. Amalagam	7000
4.	Laboratories	
	a. Chemistry Lab	3000
	b. Biochemistry Lab	2750

## RAIN WATER HARVESTING AUDIT

There are rain water harvesting plants situated near the Don Bosco Indoor Stadium, Silver Jubilee building, John Med block, Volley ball ground, Murphy hostel and Amalagam hostel in the college campus. These structures have an average capacity of 20000 L. Storage reservoirs are built to effectively harvest rain water and promote ground water recharging. The harvested rain water is adequately utilized for purposes such as domestic concerns, and gardening. The sort rain water is also effectively used for laboratory purposes by departments of Chemistry, Biochemistry and Physics for their scientific experiments.

## LED POWER AUDIT

The LED lights can reduce energy usage by up to 85% as compared to fluorescent, incandescent or CFL bulbs. Additionally, with a 100,000 hour lifespan, the need for maintenance of lighting fixtures in educational facilities is virtually eliminated. The number of LED bulbs available in the college campus was audited. The following table provides the details of the same.

### LED Bulbs Installed in the Newly Constructed Buildings

No of LED Bulbs	Watts	Total Watts	Savio Sports Hostel
50	20	1000	
50	9	450	
50	3	150	
50	0.5	25	
<b>Total</b>		<b>1625</b>	
No of LED Bulbs	Watts	Total Watts	Chemistry Laboratory
60	20	1200	
60	20	1200	
60	20	1200	
<b>Total</b>		<b>3600</b>	
No of LED Bulbs	Watts	Total Watts	Bicentenary Block
10	20	200	
<b>Total</b>		<b>200</b>	

**Grand Total = 1645+3600+200**

**= 5445 Watts**

**= 5.445 KWH**

### SOLAR ENERGY AUDIT

Solar energy can be used for diverse purposes and can generate electricity (photovoltaics) or heat (solar thermal). Solar energy can also be integrated into the materials used for buildings. Solar energy systems generally don't require a lot of maintenance. The college campus has a newly installed solar panel having the capacity of 28 KWH and the power supplied to the grid is 140 Units/day. There is also a solar panel installed in the Amalagam ladies hostel for water

heating which generates around 0.72 KWH. So the total power requirement met by renewable energy sources in the campus is 28.74 KWH.



**Solar Panels installed in John Med Block**

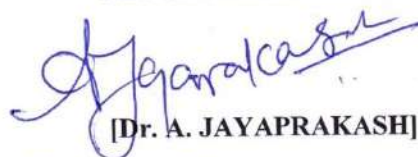


**Solar Panels installed in Amalagam Hostel**

### **Suggestions & Recommendations**

1. The greenery coverage of the campus can be further improved by planting more trees.
2. Development of medicinal garden with rare indigenous plant species can be done with the aid of organic farming.
3. Effective solid waste management techniques can be adopted to reduce the solid wastes generated in the campus.
4. Regular maintenance of rain water harvesting plants in the campus.
5. More LED bulbs and LED lights can be installed in the campus.
6. High capacity solar panels can be installed in the prominent buildings.
7. The campus can be developed in to a pollution free zone and a plastic free campus.
8. Campaigns or programmes can be organized regularly on National and International Environment days.
9. A 'Green Monitoring Committee' can be formed by the management to maintain the greenery of the campus.
10. Continuous awareness about cleanliness and maintenance of flora and fauna can be done.

**REPORT PREPARED BY**



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