



Research Article

Checklist of Akshara vidyalaya campus flora, Venkatachalam, Nellore, Andhra Pradesh, India.

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Abstract: The present study was aimed at determining the plant species richness of the Akshara Vidyalaya (AV) campus, Nellore District of Andhra Pradesh. For this, the species richness data was obtained by intensive surveys in the campus from 2015–2017. We recorded 247 species in 194 genera belonging to 69 families composed of 52 trees, 55 shrubs and 140 herbs, two species are parasites. Poaceae (20 genera 24 species), Fabaceae (15 genera 21 species) are the two species richness families and an inventory checklist of all the species recorded is provided. This study reveals that AV campus is diverse and rich in native, ornamental and alien flora. We recommend educational institutions to develop Botanical garden with the medicinal and economical plant taxa of wild varieties for educating students and exploring the interconnections with the biota to environment.

Keywords: Akshara vidyalaya campus, floristic studies, Checklist.

Introduction

Educational institutions as curricula should introduce students to the incredible biodiversity of flora, and the connections between plants and their ecosystems. Fundamental floristic knowledge is one of the priority actions for any student in educating about biodiversity and living world. In recent years, comprehensive floristic accounts have been published for various areas with micro and macro habitats. Akshara Vidyalaya (AV), an international school run by Swarna Bharat Trust at Venkatachalam in SPSR Nellore district comprises student training in different activities in biology and its allied aspects. As a part of the institutional curricula, the present work has been undertaken which deals with the enumeration and catalogue the diversity of plants habituating in AV Campus. This study is an attempt to identify and classify the plants using basic biological criteria with recording the flora of the Akshara Vidyalaya.

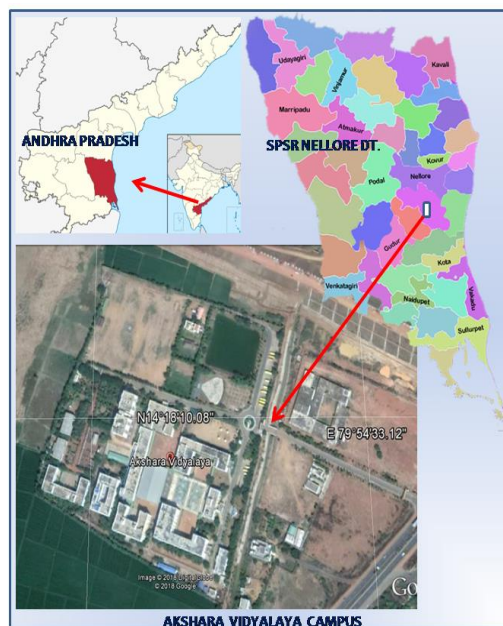
Materials and Methods

Study area

This study was conducted in 26 acre land of Akshara Vidyalaya. Climatic conditions occur as Southwest Monsoon from June to September, Northeast Monsoon from October to December. Temperature ranges Maximum 36°C to 46°C (During Summer), Minimum 23°C to 25°C (During Winter), Rainfall ranges from 700-1000 mm from Southwest and Northeast monsoons Topography of AV campus located in 14°18'09.9" latitude, 79°54'24.14" longitude (GPS) (Map.1).

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Map 1. Location map of AV Campus

Data collection

The entire work was undertaken from August 2015 to June 2017. Bentham and Hooker's Natural system of classification was followed to classify the species. Author citation and binomial of collected species were verified with authentic databases such as International Plant Names Index (IPNI) and The Plant list (2010). All specimens collected were identified with regional floras (Gamble and Fischer, 1957; Suryanarayana and Sreenivasa Rao, 2002; Pullaiah *et al.*, 1997; Pullaiah, 1998; Madhava Chetty



et al., 2015) and also from experts (acknowledged). The collected specimens were compared with the herbarium specimens housed at Department of Botany, Sri Venkateswara university, Tirupati (SVUTY). The voucher specimens were tagged a code (AVN/Family Abb/Specimen Number) for further reference.

Results and Discussion

The floristic enumeration of Akshara Vidyalaya, Venkatachalam, Nellore, reports a total of 247 species in 194 genera belonging to 69 families. The detailed inventory of the species is provided in **Table 1** name of the identified plants, family, Lifeform and Voucher specimen code. some species are depicted in Images (Fig.2, A-I). Out of 247 species, 42 species in 33 genera belongs to monocotyledons, 205 species in 158 genera belongs to dicotyledons. Among the species recorded

Poaceae with 20 genera 24 species (Monocotyledons), Fabaceae with 15 genera 21 species (Dicotyledons) are the two species richness families in AV Campus. Of the 250 taxa 53 are trees, 56 are shrubs, and 140 are herbs, *Cuscuta reflexa* Roxb., and *Striga angustifolia* (D.Don) C.J. Saldanha are the parasites reported. 60% of the plant species reported are medicinally important. 50 % of the species are aliens only 20 % are native species of India. The life-form composition analysis shows that trees are dominant than shrubs and herbs. No uncommon or rare species reported. AV authorities made efforts to establish horticultural/ornamental varieties in the Garden and campus surroundings. However, composition of the AV flora consists of nearly an higher percentage of exotic and very lower percentage of native species. For the Greenery of the Campus many ornamentals were planted for landscaping and beautification.

Table 1. Checklist of Flora of Akshara Vidyalaya (AV) Campus, Nellore District, Andhra Pradesh.

DICOTYLEDONS				
S.No	Name of the Plant	Family	Life form	Voucher Number
1.	<i>Dillenia indica</i> L.	Dilleniaceae	T	AVN/DIL/001
2.	<i>Michelia champaca</i> L.	Magnoliaceae	T	AVN/MAG/002
3.	<i>Annona reticulata</i> L.	Annonaceae	S	AVN/ANN/003
4.	<i>Annona squamosa</i> L.	Annonaceae	T	AVN/ANN/0004
5.	<i>Artabotrys hexapetalus</i> (L.f.) Bhandari	Annonaceae	S	AVN/ANN/0005
6.	<i>Polyalthia longifolia</i> (Sonn.) Thwaites	Annonaceae	T	AVN/ANN/0006
7.	<i>Cocculus hirsutus</i> (L.) W.Theob.	Menispermaceae	C	AVN/MEN/0007
8.	<i>Tinospora sinensis</i> (Lour.) Merr.	Menispermaceae	C	AVN/MEN/0008
9.	<i>Capparis zeylanica</i> L.	Capparaceae	C	AVN/CAP/0009
10.	<i>Cleome viscosa</i> L.	Cleomaceae	H	AVN/CLE/0010
11.	<i>Hybanthus enneaspermus</i> (L.) F.Muell.	Violaceae	H	AVN/VIO/0011
12.	<i>Polygala arvensis</i> Willd.	Polygalaceae	H	AVN/POL/0012
13.	<i>Portulaca grandiflora</i> Hook.	Portulacaceae	H	AVN/POR/0013
14.	<i>Portulaca oleracea</i> L.	Portulacaceae	H	AVN/POR/0014
15.	<i>Portulaca quadrifida</i> L.	Portulacaceae	H	AVN/POR/0015
16.	<i>Abutilon indicum</i> (L.) Sweet	Malvaceae	S	AVN/MAL/0016
17.	<i>Hibiscus micranthus</i> L.f.	Malvaceae	H	AVN/MAL/0017
18.	<i>Hibiscus rosa-sinensis</i> L.	Malvaceae	S	AVN/MAL/0018
19.	<i>Malvastrum coromandelianum</i> (L.) Garcke	Malvaceae	H	AVN/MAL/0019
20.	<i>Sida acuta</i> Burm.f.	Malvaceae	H	AVN/MAL/0020
21.	<i>Sida cordata</i> (Burm.f.) Borss.Waalk.	Malvaceae	H	AVN/MAL/0021
22.	<i>Sterculia foetida</i> L.	Sterculiaceae	T	AVN/STE/0022
23.	<i>Melochia corchorifolia</i> L.	Sterculiaceae	H	AVN/STE/0023
24.	<i>Corchorus trilocularis</i> L.	Tiliaceae	H	AVN/TIL/0024
25.	<i>Triumfetta rotundifolia</i> Lam.	Tiliaceae	H	AVN/TIL/0025
26.	<i>Muntingia calabura</i> L.	Elaeocarpaceae	T	AVN/EIA/0026
27.	<i>Tribulus terrestris</i> L.	Zygophyllaceae	H	AVN/ZYG/0027
28.	<i>Aegle marmelos</i> (L.) Corrêa	Rutaceae	T	AVN/RUT/0028
29.	<i>Citrus grandis</i> (L.) Osbeck	Rutaceae	T	AVN/RUT/0029
30.	<i>Citrus limon</i> (L.) Osbeck	Rutaceae	T	AVN/RUT/0030
31.	<i>Murraya koenigii</i> (L.) Spreng.	Rutaceae	T	AVN/RUT/0031
32.	<i>Azadirachta indica</i> A.Juss.	Meliaceae	T	AVN/MEL/0032
33.	<i>Ziziphus jujuba</i> Mill.	Rhamnaceae	T	AVN/RHA/0033
34.	<i>Cissus vitifolia</i> L.	Vitaceae	S	AVN/VIT/0034
35.	<i>Anacardium occidentale</i> L.	Anacardiaceae	T	AVN/ANA/0035
36.	<i>Mangifera indica</i> L.	Anacardiaceae	T	AVN/ANA/0036
37.	<i>Moringa oleifera</i> Lam.	Moringaceae	T	AVN/MOR/0037
38.	<i>Aeschynomene aspera</i> Willd.	Fabaceae	S	AVN/FAB/0038
39.	<i>Alysicarpus monilifer</i> (L.) DC.	Fabaceae	H	AVN/FAB/0039
40.	<i>Butea monosperma</i> (Lam.) Taub.	Fabaceae	T	AVN/FAB/0040
41.	<i>Clitoria ternata</i> L.	Fabaceae	C	AVN/FAB/0041
42.	<i>Crotalaria angulata</i> Mill.	Fabaceae	H	AVN/FAB/0042
43.	<i>Crotalaria hebecarpa</i> (DC.) Rudd	Fabaceae	H	AVN/FAB/0043
44.	<i>Crotalaria medicaginea</i> var. <i>neglecta</i> (Wight & Arn.) Baker	Fabaceae	H	AVN/FAB/0044
45.	<i>Crotalaria verrucosa</i> L.	Fabaceae	H	AVN/FAB/0045

46.	<i>Desmodium triflorum</i> (L.) DC	Fabaceae	H	AVN/FAB/0046
47.	<i>Galactia tenuiflora</i> (Willd.) Wight & Arn.	Fabaceae	H	AVN/FAB/0047
48.	<i>Gliricidia sepium</i> (Jacq.) Walp.	Fabaceae	T	AVN/FAB/0048
49.	<i>Indigofera linifolia</i> (L.f.) Retz.	Fabaceae	H	AVN/FAB/0049
50.	<i>Indigofera linnaei</i> Ali	Fabaceae	H	AVN/FAB/0050
51.	<i>Pongamia pinnata</i> (L.) Pierre	Fabaceae	T	AVN/FAB/0051
52.	<i>Pterocarpus marsipium</i> Roxb.	Fabaceae	T	AVN/FAB/0052
53.	<i>Pterocarpus santalinus</i> L.f.	Fabaceae	T	AVN/FAB/0053
54.	<i>Rhynchosia minima</i> (L.) DC.	Fabaceae	C	AVN/FAB/0054
55.	<i>Sesbania sesban</i> (L.) Merr.	Fabaceae	T	AVN/FAB/0055
56.	<i>Tephrosia purpurea</i> (L.) Pers.	Fabaceae	H	AVN/FAB/0056
57.	<i>Tephrosia procumbens</i> (Ham.) Benth.	Fabaceae	H	AVN/FAB/0057
58.	<i>Vigna trilobata</i> (L.) Verdc.	Fabaceae	H	AVN/FAB/0058
59.	<i>Bauhinia purpurea</i> L.	Caesalpinaceae	T	AVN/CAE/0059
60.	<i>Caesalpinia pulcherrima</i> (L.) Sw.	Caesalpinaceae	S	AVN/CAE/0060
61.	<i>Peltophorum pterocarpum</i> (DC.) K.Heyne	Caesalpinaceae	T	AVN/CAE/0061
62.	<i>Saraca asoca</i> (Roxb.) Willd.	Caesalpinaceae	T	AVN/CAE/0062
63.	<i>Tamarindus indica</i> L.	Caesalpinaceae	T	AVN/CAE/0063
64.	<i>Mimosa pudica</i> L.	Mimosaceae	H	AVN/MIM/0064
65.	<i>Pithecellobium dulce</i> (Roxb.) Benth.	Mimosaceae	T	AVN/MIM/0065
66.	<i>Rosa centifolia</i> L.	Rosaceae	S	AVN/ROS/0066
67.	<i>Combretum indicum</i> (L.) DeFilipps	Combretaceae	S	AVN/COM/0067
68.	<i>Bucida molinetii</i> (M.Gómez) Alwan & Stace	Combretaceae	T	AVN/COM/0068
69.	<i>Psidium guajava</i> L.	Myrtaceae	T	AVN/MYR/0069
70.	<i>Syzygium cumini</i> (L.) Skeels	Myrtaceae	T	AVN/MYR/0070
71.	<i>Ammannia baccifera</i> L.	Lythraceae	H	AVN/LYT/0071
72.	<i>Lawsonia inermis</i> L.	Lythraceae	S	AVN/LYT/0072
73.	<i>Punica granatum</i> L.	Punicaceae	S	AVN/PUN/0073
74.	<i>Ludwigia perennis</i> L.	Onagraceae	H	AVN/ONA/0074
75.	<i>Passiflora foetida</i> L.	Passifloraceae	C	AVN/PAS/0075
76.	<i>Passiflora alata</i> Curtis	Passifloraceae	C	AVN/PAS/0076
77.	<i>Passiflora incarnata</i> L.	Passifloraceae	C	AVN/PAS/0077
78.	<i>Citrullus colocynthis</i> (L.) Schrad.	Cucurbitaceae	C	AVN/CUC/0078
79.	<i>Mukia maderaspatana</i> (L.) M.Roem.	Cucurbitaceae	C	AVN/CUC/0079
80.	<i>Opuntia dillenii</i> (Ker Gawl.) Haw.	Cactaceae	S	AVN/CAC/0080
81.	<i>Triantema portulacastrum</i> L.	Aizoaceae	H	AVN/AIZ/0081
82.	<i>Glinus lotoides</i> L.	Molluginaceae	H	AVN/MOL/0082
83.	<i>Mollugo oppositifolia</i> L.	Molluginaceae	H	AVN/MOL/0083
84.	<i>Mollugo nudicaulis</i> Lam.	Molluginaceae	H	AVN/MOL/0084
85.	<i>Mollugo pentaphylla</i> L.	Molluginaceae	H	AVN/MOL/0085
86.	<i>Dentella repens</i> (L.) J.R.Forst. & G.Forst.	Rubiaceae	H	AVN/RUB/0086
87.	<i>Ixora coccinea</i> L.	Rubiaceae	S	AVN/RUB/0087
88.	<i>Ixora chinensis</i> Lam.	Rubiaceae	S	AVN/RUB/0088
89.	<i>Neolamarckia cadamba</i> (Roxb.) Bosser	Rubiaceae	T	AVN/RUB/0089
90.	<i>Spermacoe hispida</i> L.	Rubiaceae	H	AVN/RUB/0090
91.	<i>Oldenlandia umbellata</i> L.	Rubiaceae	H	AVN/RUB/0091
92.	<i>Oldenlandia corymbosa</i> L.	Rubiaceae	H	AVN/RUB/0092
93.	<i>Catnanaregam spinosa</i> (Thunb.) Tirveng.	Rubiaceae	H	AVN/RUB/0093
94.	<i>Thecagonum pteritum</i> (Blume) Babu	Rubiaceae	H	AVN/RUB/0094
95.	<i>Mussaenda philippica</i> A.Rich.	Rubiaceae	S	AVN/RUB/0095
96.	<i>Ageratum conyzoides</i> (L.) L.	Asteraceae	H	AVN/AST/0096
97.	<i>Eclipta prostrata</i> (L.) L.	Asteraceae	H	AVN/AST/0097
98.	<i>Emilia sonchifolia</i> (L.) DC. ex DC.	Asteraceae	H	AVN/AST/0098
99.	<i>Tridax procumbens</i> (L.) L.	Asteraceae	H	AVN/AST/0099
100.	<i>Vernonia albicans</i> DC.	Asteraceae	H	AVN/AST/0100
101.	<i>Vernonia cinerea</i> (L.) Less.	Asteraceae	H	AVN/AST/0101
102.	<i>Tricholepis radicans</i> (Roxb.) DC.	Asteraceae	H	AVN/AST/0102
103.	<i>Manilkara zapota</i> (L.) P.Royen	Sapotaceae	T	AVN/SAP/0103
104.	<i>Mimusops elengi</i> L.	Sapotaceae	T	AVN/SAP/0104
105.	<i>Jasminum calophyllum</i> Wall. & G.Don	Oleaceae	C	AVN/OLE/0105
106.	<i>Nyctanthes arbor-tristis</i> L.	Oleaceae	S	AVN/OLE/0106
107.	<i>Adenium obesum</i> (Forsk.) Roem. & Schult.	Apocynaceae	S	AVN/APO/0107
108.	<i>Allamanda blanchetii</i> A.DC.	Apocynaceae	S	AVN/APO/0108
109.	<i>Allamanda cathartica</i> L.	Apocynaceae	T	AVN/APO/0109
110.	<i>Alstonia scholaris</i> (L.) R. Br.	Apocynaceae	S	AVN/APO/0110
111.	<i>Carissa spinarum</i> L.	Apocynaceae	H	AVN/APO/0111
112.	<i>Catharanthus roseus</i> (L.) G.Don	Apocynaceae	S	AVN/APO/0112
113.	<i>Nerium oleander</i> L.	Apocynaceae	S	AVN/APO/0113
114.	<i>Plumeria alba</i> L.	Apocynaceae	T	AVN/APO/0114
115.	<i>Plumeria rubra</i> L.	Apocynaceae	T	AVN/APO/0115
116.	<i>Plumeria obtusa</i> L.	Apocynaceae	S	AVN/APO/0116
117.	<i>Plumeria pudica</i> Jacq.	Apocynaceae	S	AVN/APO/0117

118.	<i>Tabernaemontana divaricata</i> (L.) R.Br. ex Roem. & Schult.	Apocynaceae	S	AVN/APO/0118
119.	<i>Calotropis procera</i> (Aiton) Dryand.	Asclepiadaceae	C	AVN/ASC/0119
120.	<i>Pentstemon capensis</i> (L. f.) Bullock	Asclepiadaceae	C	AVN/ASC/0120
121.	<i>Pergularia daemia</i> (Forssk.) Chiov.	Asclepiadaceae	C	AVN/ASC/0121
122.	<i>Oxystelma esculentum</i> (L. f.) Sm.	Asclepiadaceae	C	AVN/ASC/0122
123.	<i>Wattakaka volubilis</i> (L. f.) Stapf	Asclepiadaceae	C	AVN/ASC/0123
124.	<i>Hemidesmus indicus</i> (L.) R. Br. ex Schult.	Periplocaceae	C	AVN/PER/0124
125.	<i>Hemidesmus indicus</i> var. <i>pubescens</i> Hook.	Periplocaceae	C	AVN/PER/0125
126.	<i>Hydrolea zeylanica</i> (L.) Vahl	Hydrophyllaceae	H	AVN/HYD/0126
127.	<i>Coldenia procumbens</i> L.	Boraginaceae	H	AVN/BOR/0127
128.	<i>Trichodesma indicum</i> (L.) Lehm.	Boraginaceae	H	AVN/BOR/0128
129.	<i>Heliotropium indicum</i> L.	Boraginaceae	H	AVN/BOR/0129
130.	<i>Evolvulus alsinoides</i> (L.) L.	Convolvulaceae	H	AVN/CON/0130
131.	<i>Evolvulus nummularius</i> (L.) L.	Convolvulaceae	H	AVN/CON/0131
132.	<i>Ipomoea aquatica</i> Forssk.	Convolvulaceae	C	AVN/CON/0132
133.	<i>Ipomoea marginata</i> (Desr.) Verdc.	Convolvulaceae	C	AVN/CON/0133
134.	<i>Ipomoea quamoclit</i> L.	Convolvulaceae	C	AVN/CON/0134
135.	<i>Merremia tridentata</i> (L.) Hallier f.	Convolvulaceae	C	AVN/CON/0135
136.	<i>Merremia emarginata</i> (Burm. f.) Hallier f.	Convolvulaceae	C	AVN/CON/0136
137.	<i>Rivea hypocrateriformis</i> Choisy	Convolvulaceae	C	AVN/CON/0137
138.	<i>Cuscuta reflexa</i> Roxb.	Convolvulaceae	C	AVN/CON/0138
139.	<i>Physalis minima</i> L.	Solanaceae	H	AVN/SOL/0139
140.	<i>Solanum surattense</i> Burm. f.	Solanaceae	H	AVN/SOL/0140
141.	<i>Scoparia dulcis</i> L.	Scrophulariaceae	H	AVN/SCR/0141
142.	<i>Striga angustifolia</i> (D. Don) C.J. Saldanha	Scrophulariaceae	E	AVN/SCR/0142
143.	<i>Millingtonia hortensis</i> L.f.	Bignoniaceae	T	AVN/BIG/0143
144.	<i>Spathodea campanulata</i> P.Beauv.	Bignoniaceae	T	AVN/BIG/0144
145.	<i>Tecoma stans</i> (L.) Juss. ex Kunth	Bignoniaceae	S	AVN/BIG/0145
146.	<i>Tabebuia dubia</i> (C.Wright ex Sauvalle) Britton ex Seibert	Bignoniaceae	T	AVN/BIG/0146
147.	<i>Asystasia gangetica</i> (L.) T.Anderson	Acanthaceae	H	AVN/ACA/0147
148.	<i>Barleria prionitis</i> L.	Acanthaceae	H	AVN/ACA/0148
149.	<i>Crossandra infundibuliformis</i> (L.) Nees	Acanthaceae	H	AVN/ACA/0149
150.	<i>Echolium viride</i> (Forssk.) Alston	Acanthaceae	H	AVN/ACA/0150
151.	<i>Justicia adhatoda</i> L.	Acanthaceae	S	AVN/ACA/0151
152.	<i>Justicia prostrata</i> Gamble	Acanthaceae	H	AVN/ACA/0152
153.	<i>Lepidagathis cristata</i> Willd.	Acanthaceae	H	AVN/ACA/0153
154.	<i>Rungia repens</i> (L.) Nees	Acanthaceae	H	AVN/ACA/0154
155.	<i>Andrographis echioides</i> (L.) Nees	Acanthaceae	H	AVN/ACA/0155
156.	<i>Clerodendrum inerme</i> (L.) Gaertn.	Verbenaceae	S	AVN/VER/0156
157.	<i>Duranta repens</i> L.	Verbenaceae	H	AVN/VER/0157
158.	<i>Phyla nodiflora</i> (L.) Greene	Verbenaceae	S	AVN/VER/0158
159.	<i>Vitex negundo</i> L.	Verbenaceae	S	AVN/VER/0159
160.	<i>Stachytarpheta jamaicensis</i> (L.) Vahl	Verbenaceae	H	AVN/VER/0160
161.	<i>Tectona grandis</i> L.f.	Verbenaceae	T	AVN/VER/0161
162.	<i>Anisomeles indica</i> (L.) Kuntze	Lamiaceae	S	AVN/LAM/0162
163.	<i>Hyptis suaveolens</i> (L.) Poit.	Lamiaceae	S	AVN/LAM/0163
164.	<i>Ocimum gratissimum</i> L.	Lamiaceae	S	AVN/LAM/0164
165.	<i>Ocimum tenuiflorum</i> L.	Lamiaceae	S	AVN/LAM/0165
166.	<i>Ocimum basilicum</i> L.	Lamiaceae	H	AVN/LAM/0166
167.	<i>Plectranthus amboinicus</i> (Lour.) Spreng.	Lamiaceae	H	AVN/LAM/0167
168.	<i>Boerhavia erecta</i> L.	Nyctaginaceae	H	AVN/NYC/0168
169.	<i>Boerhavia diffusa</i> L.	Nyctaginaceae	H	AVN/NYC/0169
170.	<i>Bougainvillea spectabilis</i> Willd.	Nyctaginaceae	S	AVN/NYC/0170
171.	<i>Achyranthes aspera</i> L.	Amaranthaceae	H	AVN/AMA/0171
172.	<i>Aerva lanata</i> (L.) Juss.	Amaranthaceae	H	AVN/AMA/0172
173.	<i>Alternanthera tenella</i> Colla	Amaranthaceae	H	AVN/AMA/0173
174.	<i>Amaranthus viridis</i> L.	Amaranthaceae	H	AVN/AMA/0174
175.	<i>Celosia argentea</i> L. var. <i>argentea</i>	Amaranthaceae	H	AVN/AMA/0175
176.	<i>Celosia argentea</i> f. <i>cristata</i> (L.) Schinz	Amaranthaceae	H	AVN/AMA/0176
177.	<i>Celosia argentea</i> L. var. <i>plumosa</i>	Amaranthaceae	H	AVN/AMA/0177
178.	<i>Gomphrena globosa</i> L.	Amaranthaceae	H	AVN/AMA/0178
179.	<i>Gomphrena serrata</i> L.	Amaranthaceae	H	AVN/AMA/0179
180.	<i>Digera muricata</i> (L.) Mart.	Amaranthaceae	H	AVN/AMA/0180
181.	<i>Pupalia lappacea</i> (L.) Juss.	Amaranthaceae	H	AVN/AMA/0181
182.	<i>Trichuriella monsoniae</i> (L. f.) Bennet	Amaranthaceae	H	AVN/AMA/0182
183.	<i>Grevillea robusta</i> A.Cunn. ex R.Br.	Proteaceae	T	AVN/PRO/0183
184.	<i>Acalypha indica</i> L.	Euphorbiaceae	H	AVN/EUP/0184
185.	<i>Acalypha ciliata</i> Wall.	Euphorbiaceae	H	AVN/EUP/0185
186.	<i>Acalypha wilkesiana</i> Müll.-Arg.	Euphorbiaceae	H	AVN/EUP/0186
187.	<i>Euphorbia hirta</i> L.	Euphorbiaceae	H	AVN/EUP/0187
188.	<i>Euphorbia hypericifolia</i> L.	Euphorbiaceae	H	AVN/EUP/0188
189.	<i>Euphorbia heterophylla</i> L.	Euphorbiaceae	H	AVN/EUP/0189

190.	<i>Euphorbia milii</i> Des Moul.	Euphorbiaceae	H	AVN/EUP/0190
191.	<i>Euphorbia serpens</i> Kunth	Euphorbiaceae	H	AVN/EUP/0191
192.	<i>Euphorbia clarkeana</i> Hook.f.	Euphorbiaceae	H	AVN/EUP/0192
193.	<i>Jatropha curcas</i> L.	Euphorbiaceae	T	AVN/EUP/0193
194.	<i>Euphorbia tithymaloides</i> L.	Euphorbiaceae	H	AVN/EUP/0194
195.	<i>Phyllanthus virgatus</i> G.Forst.	Euphorbiaceae	H	AVN/EUP/0195
196.	<i>Phyllanthus amarus</i> Schumach. & Thonn.	Euphorbiaceae	H	AVN/EUP/0196
197.	<i>Phyllanthus emblica</i> L.	Euphorbiaceae	T	AVN/EUP/0197
198.	<i>Phyllanthus maderaspatensis</i> L.	Euphorbiaceae	H	AVN/EUP/0198
199.	<i>Sebastiania chamaelea</i> (L.) Müll.Arg.	Euphorbiaceae	H	AVN/EUP/0199
200.	<i>Croton bonplandianus</i> Baill.	Euphorbiaceae	H	AVN/EUP/0200
201.	<i>Artocarpus heterophyllus</i> Lam.	Moraceae	T	AVN/MOR/0201
202.	<i>Ficus benghalensis</i> L.	Moraceae	T	AVN/MOR/0202
203.	<i>Ficus religiosa</i> L.	Moraceae	T	AVN/MOR/0203
204.	<i>Ficus benjamina</i> L.Mant. var. <i>benjamina</i>	Moraceae	T	AVN/MOR/0204
205.	<i>Ficus carica</i> L.	Moraceae	T	AVN/MOR/0205
MONOCOTYLEDONS				
206.	<i>Musa × paradisiaca</i> L.	Musaceae	S	AVN/MUS/400
207.	<i>Ravenala madagascariensis</i> Sonn.	Sterlitziaceae	S	AVN/STE/0401
208.	<i>Canna indica</i> L.	Cannaceae	H	AVN/CAN/0402
209.	<i>Dracaena braunii</i> Engl.	Agavaceae	S	AVN/AGA/0403
210.	<i>Aloe vera</i> (L.) Burm.f.	Liliaceae	H	AVN/LIL/0404
211.	<i>Asparagus setaceus</i> (Kunth) Jessop	Liliaceae	S	AVN/LIL/0405
212.	<i>Commelina benghalensis</i> L.	Commelinaceae	H	AVN/COM/0406
213.	<i>Commelina ensifolia</i> R.Br.	Commelinaceae	H	AVN/COM/0407
214.	<i>Commelina diffusa</i> Burm.f.	Commelinaceae	H	AVN/COM/0408
215.	<i>Borassus flabellifer</i> L.	Arecaceae	T	AVN/ARE/0407
216.	<i>Cocos nucifera</i> L.	Arecaceae	T	AVN/ARE/0408
217.	<i>Dyopsis lutescens</i> (H.Wendl.) Beentje & J.Dransf.	Arecaceae	S	AVN/ARE/0409
218.	<i>Pandanus fascicularis</i> Lam.	Pandanaceae	S	AVN/PAN/0410
219.	<i>Cyperus arenarius</i> Retz.	Cyperaceae	H	AVN/CYP/0411
220.	<i>Cyperus rotundus</i> L.	Cyperaceae	H	AVN/CYP/0412
221.	<i>Cyperus pangorei</i> Rottb.	Cyperaceae	H	AVN/CYP/0413
222.	<i>Fimbristylis bisumbellata</i> (Forssk.) Bubani	Cyperaceae	H	AVN/CYP/0414
223.	<i>Fimbristylis ferruginea</i> (L.) Vahl	Cyperaceae	H	AVN/CYP/0415
224.	<i>Pycnus pumilus</i> (L.) Nees	Cyperaceae	H	AVN/CYP/0416
225.	<i>Apluda mutica</i> L.	Poaceae	H	AVN/POA/0417
226.	<i>Aristida adscensionis</i> L.	Poaceae	H	AVN/POA/0418
227.	<i>Aristida mutabilis</i> Trin. & Rupr.	Poaceae	H	AVN/POA/0419
228.	<i>Brachiaria reptans</i> (L.) C.A.Gardner & C.E.Hubb	Poaceae	H	AVN/POA/0420
229.	<i>Brachiaria mutica</i> (Forssk.) Stapf	Poaceae	H	AVN/POA/0421
230.	<i>Chloris barbata</i> Sw.	Poaceae	H	AVN/POA/0422
231.	<i>Chrysopogon orientalis</i> (Desv.) A.Camus	Poaceae	H	AVN/POA/0423
232.	<i>Cymbopogon citratus</i> (DC.) Stapf	Poaceae	H	AVN/POA/0424
233.	<i>Cynodon dactylon</i> (L.) Pers.	Poaceae	H	AVN/POA/0425
234.	<i>Dactyloctenium aegyptium</i> (L.) Willd.	Poaceae	H	AVN/POA/0426
235.	<i>Dichanthium annulatum</i> (Forssk.) Stapf	Poaceae	H	AVN/POA/0427
236.	<i>Digitaria bicornis</i> (Lam.) Roem. & Schult.	Poaceae	H	AVN/POA/0428
237.	<i>Echinochloa crus-galli</i> (L.) P.Beauv.	Poaceae	H	AVN/POA/0429
238.	<i>Eragrostis amabilis</i> (L.) Wight & Arn.	Poaceae	H	AVN/POA/0430
239.	<i>Eragrostis minor</i> Host	Poaceae	H	AVN/POA/0431
240.	<i>Eragrostis tenella</i> (L.) P.Beauv. ex Roem. & Schult.	Poaceae	H	AVN/POA/0432
241.	<i>Heteropogon contortus</i> (L.) P.Beauv. ex Roem. & Schult.	Poaceae	H	AVN/POA/0433
242.	<i>Imperata cylindrica</i> (L.) Raeusch.	Poaceae	H	AVN/POA/0434
243.	<i>Iseilema laxum</i> Hack.	Poaceae	H	AVN/POA/0435
244.	<i>Panicum psilopodium</i> Trin.	Poaceae	H	AVN/POA/0436
245.	<i>Paspalidium flavidum</i> (Retz.) A.Camus	Poaceae	H	AVN/POA/0437
246.	<i>Tragus roxburghii</i> Panigrahi	Poaceae	H	AVN/POA/0438
247.	<i>Zoysia matrella</i> (L.) Merr.	Poaceae	H	AVN/POA/0439

Life form Abbreviations: H: Herb; S : Shrub ; T : Tree ; C : Climber

Figure 2. Plant taxa documented in AV Campus

A: *Carissa spinarum* ; **B:** *Bidens pilosa* ; **C:** *Sesbania grandiflora*; **D:** *Cleome viscosa* ; **E :** *Crotalaria hebecarpa*; **F :** *Sterculia foetida*; **G :** *Spermacoce auricularis* ; **H :** *Tinospora sinensis*; **I :** *Hybanthus enneaspermus* **J :** *Cyclea peltata* ; **K :** *Peltophorum pterocarpum*; **L:** *Ziziphus jujuba* ; **M:** *Capparis zeylanica* ; **N :** *Ficus benghalensis*; **O :** *Phyllanthus emblica* ; **P :** *Pterocarpus santalinus*; **Q :** *Ravenala madagascariensis*; **R :** *Anacardium occidentale*; **S :** *Euphorbia hypericifolia*; **T :** *Heliotropium indicum*

Summary and Conclusion

This article deals with the list of 247 species of plant taxa occurring in the Akshara Vidyalaya (AV) campus which has a rich life form and diverse native, exotic and ornamental flora.

This floristic survey reveals that the native flora of AV Campus represents some medicinally important and economic important plants which has to be conserved in the garden to explore its medicinal importance to the students. Since the essentiality of documentation of campus flora and no other report on flora, this is the authentic report on the flora of campus of Akshara Vidyalaya. This type of curricular activity enhance an understanding and empathy with nature as a vital part of basic

education in which Classroom theory is reinforced through practice in natural surroundings, permitting closer contact with the environment. We recommend the authorities and staff to introduce native and medicinal plant species to enrich the floral knowledge practically to the student community.

However, the present documentation is a baseline of the Plant taxa present and highlights the potential magnitude of biodiversity in the AV Campus. We expect that the information contained in the present study will be useful to the development of a management plan for any institution.

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