NURONIMENT

2019-20 & 2020-21

AUDIT REPORT

Studied for

Deola Education Society's

Karmaveer Ramraoji Aher Art's, Science & Commerce College

Tal. Deola, Dist. Nashik, Maharashtra 423102, India

Analysed by



21 March 2022

Disclaimer

The Audit Team has prepared this report for the **Deola Education Society's Karmaveer Ramraoji Aher Art's, Science & Commerce College** located at *Deola Tal. Deola, Dist. Nashik, Maharashtra 423102, India* based on input data submitted by the College analysed by the team to the best of their abilities.

The details have been consolidated and thoroughly studied as per the various guidelines for Green Buildings available in National and International Standards; the report has been generated based on comparative analysis of the existing facilities and the prerequisites formulated by various standards. The inputs derived are a result of the inspection and research. These will further enhance and develop a Healthy and Sustainable Institution.

These can be implemented phase wise or as a whole depending on the decision taken by the Hon'ble Management and College. The warranty or undertaking, expressed or implied is made and no responsibility is accepted by Audit Team in this report or for any direct or consequential loss arising from any use of the information, statements or forecasts in the report.

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Introduction

About the Deola Education Society

The Society has implemented the goal of educating the students in the best way possible by uplifting the academic status of the students through quality education and adopting the local village for overall community development. Meticulous joint efforts of the students and staff have made the institution one of the most sustainable premises in the locality.

Assessment of the College

NAAC - The following are details of the reaccreditation of the College.

Cycle	First	Second	Third
CGPA	74	2.41	2.61
Grade	В	В	B+
Year	2004	2011	2020

Table 1: NAAC Accreditation details of the Institute

The College is due to enter its Fourth cycle of NAAC soon.

The college has achieved the University Grant Commission (UGC) under section 2 (f) & 12 (B) of the UGC Act, 1956 by University Grants Commission, New Delhi.

Total College Area & College Building Spread Area

The total site area is 6.19 Acres and the total Built-up area of College is 51,000 sq. ft. for a total of 1,500 footfalls.



Environment Audit

A flora survey was carried out to identify the total numbers of plants and trees as follows:

S. No.	Plant name	Туре	Nos.	Planted by	
Open/Outdoor campus flora					
1	Abutilon indicum (Link) Sweet	Shrub	22	Natural	
2	Acacia nilotica (L.) Willd. ex Delile	Tree	2	Natural	
3	Aegle marmelos (L.) Corrêa	Tree	1	Staff	
4	Annona squamosal L.	Shrub	1	Staff	
5	Azadirachta indica A. Juss.	Tree	15	NSS	
6	Balanites aegyptiaca (L.) Delile,	Shrub	26	Natural	
7	Bombax ceiba L.	Tree	1	Staff	
8	Cassia sect. Senna (Tournefort) DC. ex Colladon	Shrub	1	Natural	
9	Cassia Siamea Lam.	Tree	53	Staff	
10	Cocos nucifera L.	Tree	2	Staff	
11	<i>Dalbergia sissoo</i> Roxb.	Tree	7	Staff	
12	Delonix regia (Boj. ex Hook.) Raf.	Tree	1	NCC	
13	<i>Eucalyptus globulus</i> Labill.	Tree	1	NCC	
14	Ficus benghalensis L.	Tree	8	NSS	
15	Ficus glomerata Roxb.	Tree	3	Staff	
16	Ficus religiosa L	Tree	11	Staff	
17	Holoptelea integrifolia (Roxb.) Planch	Tree	1	Natural	
18	Lantana camara L.	Shrub	22	Natural	
19	Leonotis nepetifolia (L.) R.Br.	Herb	109	Natural	
20	<i>Melia azedarach</i> L.	Tree	3	Staff	
21	Millettia pinnata (L.) Panigrahi	Tree	16	Staff	
22	Polyalthia longifolia (Sonn.) Thwaites	Tree	15	Principal	
23	Prosopis juliflora (Sw.) DC.	Shrub	5	Natural	
24	Ricinus communis L.	Shrub	4	Natural	
25	Samanea saman (Jacq.) Merr	Tree	3	Staff	
26	Spathodea campanulata P. Beauv.	Tree	2	Nature club	
27	Syzygium cumini (L.) Skeels	Tree	2	Staff	



28	Tamarindus indica L	Tree	3	Staff
29	Withania somnifera (L.) Dunal	Shrub	15	Natural
30	Ziziphus jujuba Mill	Tree	1	Natural
	Total		356	
	Classroom Building	flora		
31	Acacia saligna (Labill.) H.L.Wendl.	Tree	1	Nature club
32	Aegle marmelos (L.) Corrêa	Tree	1	Staff & Student
33	Aloe vera (L.) Burm.f.	Herb	5	Staff & Student
34	Annona squamosa L	Shrub	1	Staff & Student
35	Araucaria araucana Pav.	Tree	1	Staff & Student
36	Asclepias curassavica L.	Shrub	3	Staff & Student
37	Asparagus densiflorus (Kunth) Jessop fox tail	Herb	3	Staff & Student
38	Asparagus racemosus Willd.	Herb	4	Staff & Student
39	Bambusa vulgaris Schrad. ex J.C.Wendl	shrub	5	Staff & Student
40	Barleria cristata L.	Shrub	1	Staff & Student
41	Baugainvillea commex juss	Climber	2	Staff & Student
42	Bauhinia racemosa Lam.	Tree	1	Staff & Student
43	Butea monosperma (Lam.) Taub.	shrub	1	NSS
44	Caesalpinia pulcherrima (L.) Sw.	Shrub	1	NSS
45	Callistemon lanceolatus (Sm.) Sweet	Tree	9	NSS
46	Calotropis procera (Aiton) W.T.Aiton	Shrub	1	NCC
47	Canna indica L.	Herb	Plot	NCC
48	Caryota mitis Lour. Fish tail palm	Shrub	2	Staff & Student
49	Catharanthus roseus (L.) G.Don	Herb	15	Staff & Student
50	Crinum latifolium L	Herb	2	Staff & Student
51	Crotalaria juncea L	Shrub	1	Staff & Student
52	Croton	Shrub	2	Staff & Student
53	Diffenbanchia amoena Bull	Shrub	1	Staff & Student
54	Duranta erecta L.	Shrub	Wall border	Staff & Student
55	Dypsis lutescens (H.Wendl.) Beentje & J.Dransf. Areka palm	Shrub	4	Staff & Student
56	Euphorbia milii Des Moul.	Shrub	3	Staff & Student
57	Euphorbia trigona Mill.	Shrub	2	Staff & Student



58	Ficus microcarpa L.f.	Tree	1	NSS
59	Grevillea robusta A.Cunn. ex R.Br. Silver oak	Tree	1	NSS
60	Hibiscus rosa-sinensis L.	Shrub	3	NSS
61	Hippeastrum reginae (L.) Herb.	Herb	Plot	Staff & Student
62	Jasminum sambac (L.) Aiton	Climber	2	Staff & Student
63	Jatropha podagrica Hook	Shrub	2	Staff & Student
65	Livistona chinensis (Jacq.) R.Br. ex Mart fan palm	Shrub	3	Staff & Student
66	Mangifera indica L	Tree	4	NAAC peer team
67	Michelia champaca L.	Tree	1	NAAC peer team
68	Millettia pinnata (L.) Panigrah	Tree	2	NAAC peer team
69	Mimosa pudica L	Climber	2	Staff & Student
70	<i>Muntingia calabura</i> L.	Shrub	1	Staff & Student
71	Murraya paniculata (L.) Jack	Shrub	2	Staff & Student
72	Nephrolepis biserrata (Sw.) Schott	Herb	1	Staff & Student
73	Nerium oleander L.	Shrub	1	Staff & Student
74	Nyctanthes arbor-tristis L.	Tree	4	Staff & Student
75	Phyllanthus emblica L	Tree	1	Staff & Student
76	Pithecellobium dulce (Roxb.) Benth.	Tree	1	Staff & Student
77	Thespesia populnea (L.) Sol. ex Corrêa	Tree	1	Nature club
78	Plumeria rubra L.	Shrub	4	Nature club
79	Polyalthia longifolia Blume	Tree	63	Staff & Student
80	Polyscias balfouriana	Shrub	1	Staff & Student
81	Putranjiva roxburghii Wall.	Tree	1	Staff & Student
82	Rosa foetida Herrm.	Shrub	12	NSS
83	Stachytarpheta jamaicensis (L.) Vahl	shrub	2	NSS
84	Syzygium cumini (L.) Skeels.[Tree	3	NSS
85	Tabernaemontana divaricata R.Br. ex Roem. & Schult.	Shrub	11	NSS
86	Tectona grandis L.f.	Tree	1	NSS
87	Terminalia catappa L.	Tree	11	NSS
88	Thuja occidentalis L.	Shrub	2	NSS
	Total			



Administrative building flora				
89	Aegle marmelos (L.) Corrêa	Tree	1	Principal
90	Aloe vera (L.) Burm.f.	Herb	plot	Staff & Student
91	Alpinia purporata (Red ginger)	Shrub	20	Staff & Student
92	Annona reticulata L.	Shrub	1	Staff & Student
93	Annona squamosa L.	Shrub	1	Staff & Student
94	Araucaria araucana Pav.	Tree	1	Staff & Student
95	Asparagus racemosus Wild	Herb	plot	Staff & Student
96	Azadirachta indica A.Juss.,	Tree	16	Staff & Student
97	Bauhinia racemosa Lam.	Tree	2	Staff & Student
98	Biota orientalis (L.) Endl.	Shrub	4	Nature club
99	Bougainvillea glabra Choisy	Climber	1	Nature club
100	Butea monosperma (Lam.) Taub.	Shrub	1	Nature club
101	Caesalpinia pulcherrima (L.) Sw.	Shrub	1	Nature club
102	Callistemon lanceolatus (Sm.) Sweet	Tree	8	Nature club
103	Canna indica L.	Herb	120	Staff & Student
104	Carica papaya L.	Shrub	1	Staff & Student
105	Caryota mitis Lour.(fish tail palm	Shrub		NCC
106	Cassia siamea	Tree	2	NCC
107	Catharanthus roseus (L.) G.Don	Herb	Plot 115	NCC
108	Clitoria ternatea L.	Climber	1	NCC
109	Cocos nucifera L.	Tree	1	Staff & Student
110	Codiaeum variegatum (L.) A.Juss.	Shrub	2	Staff & Student
111	Coleus scutellarioides (L.) Benth.	Shrub	2	Staff & Student
112	Combretum indicum (L.) De Filipps	Climber	1	Staff & Student
113	Costus speciosus (J.Koenig) Sm	Herb	7	Staff & Student
114	Crinum asiaticum L.	Herb	Plot 80	Staff & Student
115	Cycas revoluta Thunb.	Shrub	1	Staff & Student
116	Cyrtostachys hybrid Blume	Shrub	2	Staff & Student
117	Delonix regia (Boj. ex Hook.) Raf.	Tree	3	Staff & Student
118	Dieffenbachia amoena Bull	Shrub	7	Staff & Student
119	Dolichandrone falcata Seem	Shrub	1	NCC
120	Dracaena marginata	Shrub	7	NSS



121	Dracaena trifasciata (Prain) Mabb.	Shrub	2	Staff & Student
122	Duranta erecta L.	Shrub	borders	NCC
123	Epipremnum aureum (Linden & André) G.S.Bunting (Money plant)	Climber	1	NSS
124	Euphorbia milii Des Moul.	Shrub	3	NSS
125	Euphorbia tithymaloides L.	Shrub	2	Staff & Student
126	Euphorbia trigona Mill.	Shrub	4	Staff & Student
127	Ficus benghalensis L.	Tree	3	Staff & Student
128	Ficus pumila L.	Climber	1	Staff & Student
129	Ficus religiosa L.	Tree	1	Staff & Student
130	Grevillea robusta A. Cunn. ex R.Br. Silver oak	Tree	1	Staff & Student
131	Heterophragma quadriloculare (Roxb.) K.Schum.	Tree	2	Staff & Student
132	Hibiscus rosa-sinensis L.	Shrub	2	Staff & Student
133	Hippeastrum reginae (L.)	Herb	108	Staff & Student
134	Ixora coccinea L.	Shrub	5	Staff & Student
135	Jacaranda mimosifolia D.Don	Tree	1	Staff & Student
136	Jasminum sambac (L.) Aiton	Climber	10	Staff & Student
137	Justicia adhatoda L.	Shrub	2	Staff & Student
138	Kalanchoe pinnata (Lam.) Pers.	Herb	5	Staff & Student
139	Mangifera indica L	Tree	14	Staff & Student
140	Millettia pinnata (L.) Panigrahi	Tree	6	Principal
141	Millingtonia hortensis L.f.	Tree	1	Principal
142	Mimusops elengi L.	Tree	1	Chief Guest
143	Murraya paniculata (L.) Jack	Shrub	1	Staff & Student
144	Nelumbo nucifera Gaertn.	Herb	pond	Staff & Student
145	Nephrolepis exaltata (L.) Schott	Herb	21	Staff & Student
146	Nerium oleander L.	Shrub	4	Staff & Student
147	Nyctanthes arbor-tristis L	Tree	4	Staff & Student
148	Ocimum basilicum L.	Herb	23	Staff & Student
149	Ocimum sanctum Linn	Herb	8	Nature club
150	Opuntia alta Griffiths	Shrub	2	Staff & Student
151	Opuntia polyacantha Haw.	Shrub	1	Staff & Student
152	Philodendron hederaceum (Heart leaf	Climber	1	Staff & Student



153	Phyllanthus emblica L.	Tree	2	Staff & Student
154	Plumeria alba L	Tree	1	Nature club
155	Polyalthia longifolia (Sonn.) Thwaites	Tree	34	Nature club
156	Psidium guajava L.	Tree	2	Staff & Student
157	Rauvolfia tetraphylla L.	Shrub	1	Nature club
158	Samanea saman (Jacq.) Merr. (Rain trees)	Tree	1	Nature club
159	Santalum album L.	Tree	1	Staff & Student
160	Semecarpus anacardium L.f.	Tree	1	Chief Guest
161	Sansevieria laurentii De Wild.	Herb	58	Chief Guest
162	Simarouba glauca DC (laxmitaru)	Tree	1	NSS
163	Spathodea campanulata P.Beauv.	Tree	2	NSS
164	Syzygium cumini (L.) Skeels	Tree	1	Staff & Student
165	Tamarindus indica L.	Tree	2	Staff & Student
166	Tecoma stans (L.) Juss. ex Kunth	Shrub	1	Staff & Student
167	Terminalia cattapa L.	Tree	4	Staff & Student
168	Tradescantia pallida (Rose) D.R.Hunt	Herb	52	Staff & Student
169	Tradescantia spathacea Sw.	Herb	15	Staff & Student
170	Withania somnifera (L.) Dunal	Shrub	8	Staff & Student
	Total			

Table 2: Details of the Flora in the premises

At present there are more than 1,213+ plantations comprising of plants, trees, shrubs. All of these are planted by the on various occasions and some have grown naturally. Timely maintenance with sufficient care has resulted in positive benefits for the surroundings.



