



DCT's
Dhempe College of Arts and Science
Miramar, Goa

Landscaping of the College:

DCT's Dhempe College of Arts and Science is situated in the capital city of Goa. Although being in urban locality and close to famous Miramar beach, the institution has sufficient green cover in the campus. Variety of flora and fauna provides healthy atmosphere for birds, butterflies and biodiversity to thrive in the campus. College has about 118 species of plants in the campus with tree species such as *Averrhoa bilimbi*, *Azadirachta indica*, *Bauhinia variegata*, *Delonix regia*, *Magnolia champaca*, *Mammea suriga*, *Murraya paniculata*, *Peltophorum pterocarpum*, *Pithecellobium dulce*, *Polyalthia longifolia*, *Spathodea companulata*, *Samanea saman*, *Tamarindus indica* etc.

▪ **Landscaping with Trees and Plants**

The College is beautified with greenery and landscaping. Geo-tagged photos of greenery in the college campus.



THE PATHWAY

The touch of nature at the entrance of the college



COLLEGE QUADRANGLE



College Campus

List of plants in the College Garden
INCLUDING BOTANICAL GARDEN AREA
610/40 sq.m

Sr. No	Botanical Name	Common name	Family
1.	<i>Acalypha wilkesiana</i> Müll.Arg.	Copperleaf or Jacob's coat	Euphorbiaceae
2.	<i>Agave</i> sp.	Century plant	Asparagaceae
3.	<i>Allamanda cathartica</i> L.	Karno	Apocynaceae
4.	<i>Alocasia</i> sp.	Arum, Tere	Araceae
5.	<i>Aloe vera</i> (L.) Burm.f.	Korphad	Xanthorrhoeaceae
6.	<i>Anacardium occidentale</i> L.	Cashew tree	Anacardiaceae
7.	<i>Anamirta cocculus</i> (L.) Wight & Arn.	Kakmari, Fishberry	Menispermaceae
8.	<i>Andrographis paniculata</i> L. (Burm. f.) Wall. Ex Nees	Kirayatem, Kalmegh	Acanthaceae
9.	<i>Annona squamosa</i> L.	Custard apple	Annonaceae
10.	<i>Anthurium</i> sp.	Anthurium	Araceae
11.	<i>Araucaria columnaris</i> (G.Forst.) Hook.	Christmas tree	Araucariaceae
12.	<i>Areca catechu</i> L.	Betel nut palm	Arecaceae
13.	<i>Argyreia elliptica</i> Arn. ex Choisy	Kedari	Convolvulaceae
14.	<i>Artabotrys odoratissimus</i> Wight & Arn	Hirva chapha	Annonaceae
15.	<i>Artocarpus integrifolia</i> L.f	Jackfruit	Moraceae
16.	<i>Asparagus racemosus</i> Willd.	Shatavari	Asparagaceae
17.	<i>Averrhoa bilimbi</i> L.	Bilimbi	Oxalidaceae
18.	<i>Azadirachta indica</i> A Juss	Neem	Meliaceae
19.	<i>Bacopa monnieri</i> (L.) Wettst.	Jalabrahmi	Plantaginaceae
20.	<i>Bambusa vulgaris</i> Schrad. Variety- Vittata	Golden Bamboo	Poaceae
21.	<i>Bauhinia variegata</i> L.	Apta	Leguminosae
22.	<i>Bougainvillea spectabilis</i> Willd.	Bougainvillea	Nyctaginaceae
23.	<i>Bryophyllum pinnatum</i> (Lam.) Oken	Miracle leaf plant	Crassulaceae
24.	<i>Calathea zebrina</i> (Sims) Lindl.	Maranta	Marantaceae
25.	<i>Calotropis gigantea</i> (L.) W. T. Aiton	Crown flower	Asclepiadaceae

26.	<i>Canna indica</i> L.	Devkel	Cannaceae
27.	<i>Carica papaya</i> L.	Papaya	Caricaceae
28.	<i>Cassia fistula</i> L.	Golden Shower	Fabaceae
29.	<i>Casuarina equisetifolia</i> L.	Whistling Pine	Casuarinaceae
30.	<i>Catharanthus roseus</i> (L.) G. Don	Periwinkle	Apocynaceae
31.	<i>Centella asiatica</i> (L.) Urb.	Indian Pennywort, Manduk parni, Brahmi	Apiaceae
32.	<i>Cestrum nocturnum</i> L.	Rat ki Rani	Solanaceae
33.	<i>Cheilocostus speciosus</i> (J.Koenig) C.D.Specht	Pushpakamula	Costaceae
34.	<i>Chrysopogon zizanioides</i> (L.) Roberty	Vetiver grass	Poaceae
35.	<i>Cinnamomum verum</i> J.Presl	Dalchini, Cinnamon	Lauraceae
36.	<i>Cissus quadrangularis</i> L.	Bone setter, Asthibhanga	Vitaceae
37.	<i>Citrus aurantium</i> L.	Lemon	Rutaceae
38.	<i>Clerodendron</i> sp.	Bleeding glory-bower	Lamiaceae
39.	<i>Clitoria ternatea</i> L.	Butterfly pea, Gokarni	Leguminosae
40.	<i>Cocos nucifera</i> L.	Coconut	Aracaceae
41.	<i>Coffea arabica</i> L.	Coffee plant	Rubiaceae
42.	<i>Coleus forskohlii</i> (Willd.) Briq	Vatelav	Lamiaceae
43.	<i>Coleus</i> sp.	Coleus	Lamiaceae
44.	<i>Cordia dichotoma</i> G.Forst.	Bhokar	Boraginaceae
45.	<i>Croton</i> sp.	Croton	Euphorbiaceae
46.	<i>Cuphea hyssopifolia</i> Kunth	Cuphea	Lythraceae
47.	<i>Curculigo orchioides</i> Gaertn.	T	Hypoxidaceae
48.	<i>Curcuma longa</i> L.	Turmeric	Zingiberaceae
49.	<i>Cycas revoluta</i> Thunb.	Cycas palm	Cycadaceae
50.	<i>Cymbopogon citratus</i> (DC.) Stapf	Lemon Grass, Ganjan	Poaceae
51.	<i>Cynodon dactylon</i> (L.) Pers.	Haryali	Poaceae
52.	<i>Delonix regia</i> (Hook.) Raf.	Gul Mohar	Leguminosae
53.	<i>Dieffenbachia</i> Sp.	Dieffenbachia	Araceae
54.	<i>Dracaena</i> Sp.	Madagascar dragon tree	Asparagaceae

55.	<i>Drimia indica</i> (Roxb.) Jessop	Ran Kando, kolakanda, Indian squill	Asparagaceae
56.	<i>Duranta erecta</i> L.	Golden dew drops	Verbenaceae
57.	<i>Ficus elastica</i> Roxb. ex Hornem	Indian rubber tree	Moraceae
58.	<i>Gliricidia sepium</i> (Jacq.) Walp.	Mexican lilac	Leguminosae
59.	<i>Gossypium arboretum</i> L.	Cotton	Malvaceae
60.	<i>Hamelia patens</i> Jacq.	Fire bush	Rubiaceae
61.	<i>Heliconia</i> sp.	Hanging Lobster claw, Crabs claws	Heliconiaceae
62.	<i>Hemidesmus indicus</i> (L.) R. Br. ex Schult.	Anantamul, Dudhli	Apocynaceae
63.	<i>Hibiscus rosa-sinensis</i> L.	Dasan, Shoe flower	Malvaceae
64.	<i>Jatropha curcas</i> L.	Biodiesel Plant	Euphorbiaceae
65.	<i>Justicia adhatoda</i> L.	Adulsa	Acanthaceae
66.	<i>Lawsonia inermis</i> L.	Henna, Mehandi	Lythraceae
67.	<i>Leucaena leucocephala</i> (Lam.) de Wit	Subabul	Leguminosae
68.	<i>Leucas aspera</i> (Willd.) Link	Tumbo, Dronapushpi	Lamiaceae
69.	<i>Magnolia champaca</i> (L.) Baill. ex Pierre	Chapha	Magnoliaceae
70.	<i>Mammea suriga</i> (Buch.-Ham. ex Roxb.) Kosterm.	Surangi	Clusiaceae
71.	<i>Mangifera indica</i> L.	Mango	Anacardiaceae
72.	<i>Melia azedarach</i> L.	Kadu neem	Meliaceae
73.	<i>Millingtonia hortensis</i> L.f	Tree Jasmine	Bignoniaceae
74.	<i>Morinda citrifolia</i> L.	Noni	Rubiaceae
75.	<i>Moringa oleifera</i> Lam.	Drumstick	Moringaceae
76.	<i>Murraya koenigii</i> (L.) Spreng.	Curry leaf plant	Rutaceae
77.	<i>Murraya paniculata</i> (L.) Jack	Kamini	Rutaceae
78.	<i>Musa paradisiaca</i> L.	Banana	Musaceae
79.	<i>Mussaenda</i> sp.	Ashanti blood, red flag bush	Rubiaceae
80.	<i>Naregamia alata</i> Wight & Arn.	Pittamari	Meliaceae
81.	<i>Nephrolepis</i> sp.	Fern	Nephrolepidaceae
82.	<i>Nerium oleander</i> L.	Oleander	Apocynaceae

83.	<i>Nyctanthes arbor-tristis</i> L.	Parijat tree	Oleaceae
84.	<i>Ocimum gratissimum</i> L.	Ban tulsi	Lamiaceae
85.	<i>Ocimum sanctum</i> L.	Tulsi	Lamiaceae
86.	<i>Ocimum tenuiflorum</i> L. var. Krishna tulsi	Krishna tulsi	Lamiaceae
87.	<i>Ocimum tenuiflorum</i> L. Var. Ram Tulsi	Tulsi, Holy Basil	Lamiaceae
88.	<i>Pandanus amaryllifolius</i> Roxb.	Biryani leaves, Basmati leaves	Pandanaceae
89.	<i>Pandanus odorifer</i> (Forssk.) Kuntze	Kevada	Pandanaceae
90.	<i>Peltophorum pterocarpum</i> (DC.) K.Heyne	Copper pod tree	Leguminosae
91.	<i>Phyllanthus emblica</i> L.	Avala	Phyllanthaceae
92.	<i>Piper divaricatum</i> G.Mey. .	Wild pepper, Root stock pepper	Piperaceae
93.	<i>Piper longum</i> L.	Indian long pepper, Pipli	Piperaceae
94.	<i>Piper nigrum</i> L.	Black pepper	Piperaceae
95.	<i>Pithecellobium dulce</i> (Roxb.) Benth.	Foreign Tamarind	Fabaceae
96.	<i>Plumbago zeylanica</i> L.	Chitrak, Plumbago	Plumbaginaceae
97.	<i>Plumeria alba</i> L.	Temple tree	Apocynaceae
98.	<i>Polyalthia longifolia</i> (Sonn.) Thwaites	False ashok	Annonaceae
99.	<i>Portulaca</i> sp.	Sun Plant, Office girl	Portulacaceae
100.	<i>Premna serratifolia</i> L.	Agnimatha	Lamiaceae
101.	<i>Psidium guajava</i> L.	Guava	Myrtaceae
102.	<i>Punica granatum</i> L.	Pomogranate	Lythraceae
103.	<i>Rauvolfia serpentina</i> (L.) Benth. ex Kurz	Atki, Indian snakeroot	Apocynaceae
104.	<i>Rauvolfia tetraphylla</i> L.	Wild Snake root	Apocynaceae
105.	<i>Rosa</i> sp.	Rose	Rosaceae
106.	<i>Sansevieria cylindrica</i> Bojer ex Hook.	Sansevieria/Mother in laws tongue	Asparagaceae
107.	<i>Spathodea campanulata</i> P.Beauv.	African tulip tree	Bignoniaceae
108.	<i>Spilanthes acmella</i> (L.) L.	Akalkara, Toothache Plant	Compositae
109.	<i>Stevia rebaudiana</i> (Bertoni) Bertoni	Stevia, Madhuparni	Compositae
110.	<i>Strelitzia reginae</i> Banks	Bird of Paradise	Strelitziaceae
111.	<i>Tabernaemontana divaricata</i> (L.) R.Br. ex Roem. & Schult.	Pinwheel flower, Anant	Apocynaceae

112.	<i>Tamarindus indica</i> L.	Tamarind, Imali, Chinch	Leguminosae
113.	<i>Tecoma stans</i> (L.) Juss. ex Kunth	Ghanti ful, Yellow bells	Bignoniaceae
114.	<i>Terminalia catappa</i> L.	False Badam	Combretaceae
115.	<i>Thunbergia grandiflora</i> (Roxb. ex Rottl.) Roxb.	Bengal Clock Vine	Acanthaceae
116.	<i>Tradescantia spathacea</i> Sw.	Rheo	Commelinaceae
117.	<i>Vitex trifolia</i> L.	Nirgundi	Verbenaceae
118.	<i>Withania somnifera</i> (L.) Dunal	Indian ginseng	Solanaceae

Note: Names as per APG IV system of flowering plant classification taken from <http://www.theplantlist.org/>

FAUNAL DIVERSITY IN THE COLLEGE CAMPUS

Butterflies

Sr. No.	Scientific Name	Common Name
1	Southern Birdwing	<i>Troides helena</i>
2	Angled Castor	<i>Ariadne ariadne</i> (<i>Ergolis ariadne</i>)
3	Common Castor	<i>Ariadne merione</i> (<i>Ergolis merione</i>)
4	Common Indian Crow	<i>Euploea core</i>
5	Common Grass Yellow	<i>Eurema hecabe</i> (<i>Terias hecabe</i>)
6	Common Jezebel	<i>Delias eucharis</i>
7	Blue Mormon	<i>Papilio polymnestor</i>
8	Psyche	<i>Leptosia nina</i>
9	Common Rose	<i>Pachliopta aristolochiae</i> (<i>Tros aritolochiae</i>)
10	Glassy Tiger	<i>Parantica aglea</i> (<i>Danais aglea</i>)
11	Red Pierrot	<i>Talicauda nyseus</i>
12	Common Emigrant	<i>Catopsilia pomona</i>
13	Mottled Emigrant	<i>Catopsilia pyranthe</i>
14	Three-spot Grass Yellow	<i>Eurema blanda</i>
15	Painted Lady	<i>Vanessa cardui</i>
16	Tailed Jay	<i>Graphium agamemnon</i>
17	Stripped Tiger	<i>Danaus genutia</i>
18	Common Cerulean	<i>Jamides celeno</i>
19	Tawny Coster	<i>Acraea terpsicore</i>
20	Common Wanderer	<i>Pareronia valeria</i>
21	Dark Wanderer	<i>Pareronia ceylonica</i>
22	Grass Jewel	<i>Chilades trochylus</i>
23	Plain Tiger	<i>Danaus chrysippus</i>
24	Grey Pansy	<i>Junonia atlites</i>
25	Grey Count	<i>Tanaecia lepidea</i>

Amphibians

Sr. No.	Common Name	Scientific Name
1	Common Skittering Frog	<i>Euphlyctis cyanophlyctis</i>
2	Fungoid Frog	<i>Hylarana malabarica</i>
3	Indian Bull Frog	<i>Hoplobatrachus tigerinus</i>
4	Common Indian Toad	<i>Duttaphrynus melanostictus</i>

Reptiles

Sr. No.	Common Name	Scientific Name
1	Beaked Worm Snake	<i>Grypotyphlops acutus</i>
2	Common Sand Boa	<i>Gongylophis conicus</i>
3	Whitaker's Boa	<i>Eryx whitakeri</i>
4	Indian Rat Snake	<i>Ptyas mucosa</i>
5	Common Wolf Snake	<i>Lycodon aulicus</i>
6	Checkered keelback	<i>Xenochrophis piscator</i>
7	Spectacled Cobra	<i>Naja naja</i>
8	Russell's Viper	<i>Daboia russelii</i>
9	Common House Gecko	<i>Hemidactylus frenatus</i>
10	Oriental garden lizard	<i>Calotes versicolor</i>
11	Skink sp.	<i>Mabuya sp.</i>

Birds

Sr. No.	Common Name	Scientific Name
1	Baya Weaver	<i>Ploceus philippinus</i>
2	Green Bee-eater	<i>Merops orientalis</i>
3	Red-vented Bulbul	<i>Pycnonotus cafer</i>
4	Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>
5	Crow Pheasant	<i>Centropus sinensis</i>
6	House Crow	<i>Corvus splendens</i>
7	Spotted Dove	<i>Streptopelia chinensis</i>
8	Black Drongo	<i>Dicrurus adsimilis</i>
9	Pond Heron	<i>Ardeola grayii</i>
10	White-throated Kingfisher	<i>Halcyon smyrnensis</i>
11	Brahminy Kite	<i>Haliastur Indus</i>
12	Pariah Kite	<i>Milvus migrans</i>
13	Koel	<i>Eudynamis scolopacea</i>
14	Magpie Robin	<i>Copsychus saularis</i>
15	Jungle Myna	<i>Acridotheres fuscus</i>
16	Golden Oriole	<i>Oriolus oriolus</i>
17	Spotted Owlet	<i>Athene brama</i>
18	Rose-ringed Parakeet	<i>Psittacula krameri</i>
19	Plum-headed Parakeet	<i>Psittacula cyanocephala</i>
20	Blue-rock Pigeon	<i>Columba livia</i>
21	Indian Robin	<i>Saxicoloides fulicata</i>
22	Purple Sunbird	<i>Nectarinia asiatica</i>
23	Purple-rumped Sunbird	<i>Nectarinia zeylonica</i>
24	Tailor bird	<i>Orthotomus sutorius</i>
25	Indian Tree Pie	<i>Dendrocitta vagabunda</i>
26	Common House Sparrow	<i>Passer domesticus</i>
27	Black-rumped Flameback	<i>Dinopium benghalense</i>
28	Ashy Prinia	<i>Prinia socialis</i>
29	White-breasted Waterhen	<i>Amaurornis phoenicurus</i>
30	Cattle Egret	<i>Bubulcus ibis</i>
31	Black-hooded Oriole	<i>Oriolus xanthornus</i>
32	White-browed Wagtail	<i>Motacilla maderaspatensis</i>

Mammals

Sr. No	Common Name	Scientific Name
1	Indian Palm Squirrel	<i>Funambulus palmarum</i>
2	Indian Grey Mongoose	<i>Urva edwardsii</i>