



Prof. Dr. Avinash S. Jagtap
M.Sc. Ph.D.
PRINCIPAL

E-mail : principal.tccollege@gmail.com

॥ सिद्धिरनेकान्तात् ॥

Anekant Education Society's

TULJARAM CHATURCHAND COLLEGE
of Arts, Science and Commerce, Baramati - 413102.

Dist. Pune. Maharashtra, India.

Empowered Autonomous Status

Religious Minority Institute

NAAC Reaccredited 'A+' Grade, CGPA 3.55

NAAC-SSR

Cycle IV

2019 - 2024

Criterion VII: - Institutional Values and Best Practices

7.1.5
Q₁M

Green campus initiatives

Flora of the Campus

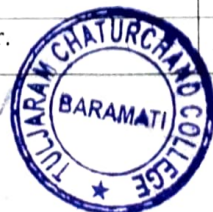
Anekant Education Society's
TULJARAM CHATURCHAND COLLEGE
of Arts, Science & Commerce, Baramati.(Pune)
(Autonomous)

Maintain data for flora of college campus

Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati is having green campus, which comprises of following flora:

Table No. 1: List of Plants In Main Campus of College

Sr. No.	Botanical name	Common Name	Family	No. of Individuals
1.	<i>Acacia auriculiformis</i> A.Cunn. ex Benth.	Australian Babal	Fabaceae	12
2.	<i>Achras sapota</i> L.	Chikku	Sapotaceae	03
3.	<i>Adathoda vasica</i> Nees	Adulsa	Acanthaceae	03
4.	<i>Aegle marmelos</i> (L.) Corr.	Bel	Rutaceae	01
5.	<i>Allamanda cathartica</i> L.	Goldentrumpet	Apocynaceae	01
6.	<i>Alstonia scholaris</i> . (L.) R.Br.	Saptaparn	Apocynaceae	32
7.	<i>Annona reticulata</i> L.	Ramphal	Annonaceae	03
8.	<i>Anthocephalus cadamba</i> (Roxb.) Miq.	Kadamb	Rubiaceae	05
9.	<i>Araucaria heterophylla</i> (salisb.) Franco	Christmas	Araucariaceae	01
10.	<i>Asparagus racemosus</i> Willd.	Shatavari	Asparagaceae	02
11.	<i>Azadirachta indica</i> Juss.	Neem	Meliaceae	49
12.	<i>Bambusa arundinacea</i> (Retz.) Willd.	Bamboo	Poaceae	04
13.	<i>Bauhinia purpurea</i> L.	Orchid tree	Leguminosae	03
14.	<i>Bauhinia racemosa</i> Lam.		Leguminosae	01
15.	<i>Bougainvillea spectabilis</i> Willd.	Kagadi ful	Nyctaginaceae	46
16.	<i>Butea monosperma</i> (Lam.) Taub	Palas	Fabaceae	01
17.	<i>Caesalpinia pulcherrima</i> (L.) Sw.	Sankasur	Fabaceae	07
18.	<i>Callistemon lanceolatus</i> (Sm.) Sweet.	Bottlebrush	Myrtaceae	02
19.	<i>Carica papaya</i> L.	Papaya	Caricaceae	02
20.	<i>Caryota urens</i> L.	Kithul	Arecaceae	02
21.	<i>Cassia auriculata</i> L.	Ranawara	Fabaceae	01
22.	<i>Cassia fistula</i> L.	Golden shower	Fabaceae	02
23.	<i>Casuarina equisetifolia</i> L.	Suru	Casuarinaceae	01
24.	<i>Chlorophytum laxum</i> R.Br.	Bichetii grass	Asparagaceae	01



25	<i>Cocus nucifera</i> L.	Coconut	Arecaceae	02
26	<i>Cycas circinalis</i> L.	Queen sago	Cycadaceae	05
27	<i>Dalbergia sisso</i> Roxb. Ex. DC	Sisu	Fabaceae	02
28	<i>Delonix regia</i> (Hook.) Raf.	Gulmohar	Fabaceae	08
29	<i>Dombeya acutangula</i> Cav.	Bois Bete	Malvaceae	08
30	<i>Dracaena fragrans</i> (L.) Ker.Gawl.	Mass Cane	Asparagaceae	01
31	<i>Dypsis lutescens</i> (H.Wendl) Beentje & J. Dransf.	Butterfly palm	Arecaceae	97
32	<i>Emblica officinalis</i> Gaertn.	Awala	Phyllanthaceae	01
33	<i>Eucalyptus globulus</i> Labill.	Nilgiri	Myrtaceae	02
34	<i>Ficus benghalensis</i> L.	Wad	Moraceae	02
35	<i>Ficus benjamina</i> L.	Benjamin fig	Moraceae	05
36	<i>Ficus elastica</i> Roxb.	Rubber tree	Moraceae	01
37	<i>Ficus racemosa</i> L.	Cluster fig tree	Moraceae	01
38	<i>Ficus religiosa</i> L.	Pimpal	Moraceae	01
39	<i>Hamelia patens</i> Jacq.	Firebush	Rubiaceae	11
40	<i>Hibiscus rosa sinensis</i> L.	Jaswand	Malvaceae	10
41	<i>Ixora coccinea</i> L.	Jungle geranium	Rubiaceae	05
42	<i>Jatropha curcas</i> L.	Mogli erand	Euphorbiaceae ^l	09
43	<i>Lantana camara</i> L.	Tantani	Verbenaceae	01
44	<i>Lawsonia inermis</i> L.	Hina	Lythraceae	01
45	<i>Mangifera indica</i> L.	Amba	Anacardiaceae	07
46	<i>Millingtonia hortensis</i> L.	Buch	Bignoniaceae	01
47	<i>Mimusops elengi</i> L.	Bakul	Sapotaceae	32
48	<i>Moringa oleifera</i> Lam.	Shevaga	Moringaceae	01
49	<i>Murraya paniculata</i> L.	Kunti	Rutaceae	01
50	<i>Nerium indicum</i> Mill.	Kaneri	Apocynaceae	10
51	<i>Peltophorum pterocarpum</i> (DC.) Baker.	Copper pod	Fabaceae	02
52	<i>Pithecellobium dulce</i> (Roxb.) Benth.	Vilayati chinch	Fabaceae	01
53	<i>Plectranthus scutellarioides</i> (L.) R.Br.	Painted nettle	Lamiaceae	10
54	<i>Polyalthia longifolia</i> (Sonner.) Thw.	Ashoka	Annonaceae	57
55	<i>Prosopis cineraria</i> L.	Shami	Fabaceae	01
56	<i>Psidium guajava</i> L.	Peru	Myrtaceae	01
57	<i>Rauvolfia serpentine</i> L.	Sarpgandha	Apocynaceae	01
58	<i>Ravenala madagascariensis</i> J.F.Gmel.	Palmer's palm	Strelitziaceae	03



59	<i>Rosa indica</i> L.	Gulab	Rosaceae	05
60	<i>Roystonea regia</i> H.B.&K	Royal palm	Arecaceae	28
61	<i>Russelia equisetiformis</i> Schlecht & Cham	Fountain bush	Plantaginaceae	01
62	<i>Samanea saman</i> (Jacq.) Merr.	Rain tree	Fabaceae	12
63	<i>Santalum album</i> L.	Chandan	Santalaceae	01
64	<i>Sapindus laurifolius</i> Vahl.	Ritha	Sapindaceae	02
65	<i>Securinega leucopyrus</i> (Willd.) Muell.-Arg.		Phyllanthaceae	12
66	<i>Spathodea companulata</i> P. Beauv.	Pichkari	Bignoniaceae	01
67	<i>Swietenia mahagoni</i> L.	Mohagani	Meliaceae	03
68	<i>Syzygium cumini</i> L.	Java plum	Myrtaceae	02
69	<i>Tabernaemontana divaricata</i> (L.)R.Br.	Tagar	Apocynaceae	17
70	<i>Tamarindus indica</i> L.	Chinch	Fabaceae	08
71	<i>Tecoma stans</i> L.	Yellow trumpetbush	Bignoniaceae	10
72	<i>Terminalia catappa</i> L.	Jangali badama	Combretaceae	11
73	<i>Thuja occidentalis</i> L.	Morpankhi	Cupressaceae	04
Number of Individuals				603

Table No. 2: List of plants in gymkhana of college

Sr. No.	Botanical name	Common Name	Family	No. of Individuals
1.	<i>Alstonia scholaris</i> (L.) R.Br.	White Cheesewood	<u>Apocynaceae</u>	55
2.	<i>Azadirachta indica</i> Juss.	Neem	Meliaceae	14
3.	<i>Ficus racemosa</i> L.	Umabar	Moraceae.	01
4.	<i>Limmonia acidissima</i>	Elephant-Apple	<u>Rutaceae</u>	01
5.	<i>Spathodea companulata</i> P. Beauv.	Pichkari	Bignoniaceae	55
Number of Individuals				110

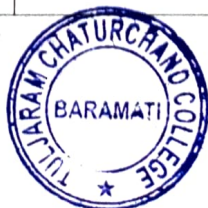


Table No. 3: List of Medicinal Plants in College Campus

Sr. No	Botanical name	Common Name	Family	Use	Part Used	Habit
1.	<i>Costus igneus</i> N.E.Br.	Insulin plant	<u>Costaceae</u>	Anti-diabetic	Leaves	Herb
2.	<i>Bacopa monnieri</i> (L.) Pennell	Neerbhrami	<u>Plantaginaceae</u>	Mental functioning, including comprehension, memory, recollection	Leaves	Herb
3.	<i>Pterocarpus santalinus</i> L.f.	Raktachandan	<u>Fabaceae</u>	Antipyretic, anti-inflammatory, anthelmintic, tonic, hemorrhage, dysentery, aphrodisiac, anti-hyperglycaemic and diaphoretic	Wood	Tree
4.	<i>Hemidesmus indicus</i> (L.) R.Br.	Anantmool	<u>Apocynaceae</u>	Coolant and a blood-purifier	Root	Climber
5.	<i>Eclipta prostrata</i> L.	Maka	<u>Asteraceae</u>	Improve hair growth and colour	Leaves and stem	Herb
6.	<i>Rauwolfia serpentina</i> (L.) Benth. ex Kurz	Sarpagandha	<u>Apocynaceae</u>	<u>High blood pressure</u> and mental disorders including <u>schizophrenia</u>	Leaves	Shrub
7.	<i>Abrus precatorius</i> L.	Gunj	<u>Fabaceae</u>	Fevers, coughs and colds	Leaves	Climber
8.	<i>Acacia catechu</i> (L.f.) P.J.H.Hurter & Mabb.	Khair	<u>Fabaceae</u>	<u>Sore throats, diarrhea</u>	Wood and Bark	Small tree
9.	<i>Stevia rebaudiana</i> Bertoni	Stevia	Asteraceae	Lower blood sugar	Leaves	Herb
10.	<i>Ocimum kilimandscharicum</i> Gurke	Kapoortulas	Lamiaceae	Lower fevers	Leaves	Herb
11.	<i>Swertia chirata</i> L.	Kadechitayat	Gentianaceae	Fever	All plant parts	Herb
12.	<i>Acacia concinna</i> (Willd.)DC.	Shikekai	Fabaceae	Hair tonic	Bark, leaves or pods	Climber
13.	<i>Terminalia achebula</i> Retz	Hirda	Combretaceae	Antibacterial and anticandidal activities	Seeds	Tree



14.	<i>Anacyclus pyrethrum</i> (L.) Link	Akkalkadha	Asteraceae	Treatment of men's diseases, common cold, toothache and pyorrhea	Roots	Herb
15.	<i>Vetiveria zizanooides</i>	Vala	Poaceae	Antimicrobial, Antioxidant; Anti-inflammatory	Roots	Herb
16.	<i>Woodfordia floribunda</i> (L.) Kurz	Dhayati	Lythraceae	Effect on Tridosha: It balances Kapha and Pitta.	Leaves	Small tree
17.	<i>Ocimum basilicum</i> L.	Sabja	Lamiaceae	Headaches, coughs, diarrhea, constipation, warts, worms, and kidney malfunction	Seeds	Herb
18.	<i>Caesalpinia crista</i> L.	Sagargota	Fabaceae	Diabetes, malarial fever	Stem and leaves	Climber
19.	<i>Mentha piperita</i> L.	Papermint	Lamiaceae	Antispasmodic, irritable bowel syndrome	Leaves	Herb
20.		Triphala				Tree
21.	<i>Bixa orellana</i> L.	Bixa	Bixaceae	Antileishmanial and antifungal	All plant parts	Large shrub
22.	<i>Ocimum gratissimum</i> L.	Vaijayanti tulas	Lamiaceae	Antidiabetic	Leaves	Herb
23.	<i>Gmelina arborea</i> Roxb	Shivan	Lamiaceae	Leprosy, blood diseases and hallucination, piles, abdominal pains, burning sensations, fevers, 'tridosha' and urinary discharge.	Flower, root and bark	Tree
24.	<i>Holarrhena pubescens</i> Wall.	Pandhara kuda	Apocynaceae	Dysentery	Leaves	Small tree
25.	<i>Wrightia tinctora</i> (Roxb) R.Br	Kala kuda	Apocynaceae	Diarrhoea, piles, ringworm and other skin diseases	Bark and seeds	Tree
26.	<i>Strychnos nux-vomica</i>	Kuchala	Loganiaceae	Antidiarrhoeal activity	Stem	Small tree
27.	<i>Apodytes nimmoniana</i>	Narkya	Icacinaceae	Anti-cancer	All plant parts	Small tree



28.	<i>Acorus calamus</i> L.	Vekhand	Acoraceae	Asthma , sore throat	Leaves, stems and roots	Herb
29.	<i>Terminalia bellirica</i> (Gaertn.) Roxb.	Behada	Combretaceae	Skin disease, cough, asthma, cold cough	Leaves	Tree
30.	<i>Piper longum</i> L.	Lendi pimpali	Piperaceae	Cancer	Leaves	Climber
31.	<i>Carissa carandas</i> L.	Karvand	Apocynaceae	Anaemia	fruit	Shrub
32.	<i>Piper nigrum</i> L.	Kalimiri	Piperaceae	Skin disorders, itching	seed	Climber
33.	<i>Celastrus paniculatus</i> Willd.	Malkangani	Celastraceae	Relax the nerves	Seed	Small tree
34.	<i>Cinnamomum zeylanicum</i> J.Presl	Dalchini	Lauraceae .	Cough	Bark	Tree
35.	<i>Coffea arabica</i> L.	Coffee	Rubiaceae	Asthma	Bean	Shrub
36.	<i>Myristica fragrans</i> Huott.	Jaayphal	Myristicaceae	Dyspepsia, intestinal gases	Fruit	Tree
37.	<i>Pimenta dioica</i>	Allspices	Myrtaceae	Anesthetic for tooth aches	Fruit	Tree
38.	<i>Madhuca longifolia</i> (J.Konig) J.F.Macbr.	Moh	Sapotaceae	Arrest the excessive bleeding	Leaves	Tree
39.	<i>Garcinia indica</i> Choisy	Kokam	Clusiaceae	Indigestion, blotting and abdominal pain	Fruits	Tree
40.	<i>Gardenia resinifera</i>	Dikemali	Rubiaceae	Tooth tonic, malaria	Stem	Tree
41.	<i>Elaeocarpus ganitrus</i> Roxb	Rudraksha	Elaeocarpaceae	Typhoid, headache	Seed, Leaves, Bark	Tree
42.	<i>Citrus medica</i> L.	Mahalungi	Rutaceae	Abdominal colic, digestive disorders	Fruit	Tree
43.	<i>Ananas comosus</i> (L.) Merr.	Pineapple	Bromeliaceae	Antidiabetic and antioxidant	Fruit	Herb
44.	<i>Helicteres isora</i> L.	Murudsheng	Steralliaceae	Dysentery	Pod	Climber
45.	<i>Curcuma longa</i> L.	Halad	Zingiberaceae	Blood purifier, liver ailments	Rhizomes	Herb
46.	<i>Vitex negundo</i> L.	Nirgudi	Lamiaceae	Eczema, ringworm and other skin diseases	Root and leaves	Shrub
47.	<i>Curcuma caesia</i> Roxb.	Ambe halad	Zingiberaceae	Toothach, migraines and epilepsy	Rhizomes	Herb
48.	<i>Gloriosa superba</i> L.	Kal lavi	Colchicaceae	Rheumatism and gout	Rhizome	Herb
49.	<i>Plectranthus amboinicus</i> (Lour.)	Coleus	Lamiaceae	Coughs	leaves	Tender
50.	<i>Cyperus scariosus</i> R.Br.	Nagarmotha	Cyperaceae	Aromatherapy	Roots	Herb



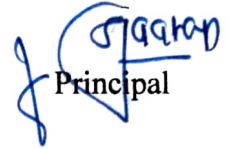
51.	<i>Ipomoea quamoclit</i> <u>L.</u>	Ganeshvel	<u>Convolvulaceae</u>	Weakness, Nervous debility, Loss of memory, Syphilis, Scrofula, Skin diseases,	Flowers	Climber
52.	<i>Semecarpus</i> <i>anacardium</i> <u>L.f.</u>	Biba	<u>Anacardiaceae</u>	Blood pressure, respiration, cancer and neurological disorders	Fruits	Tree
53.	<i>Commiphora wightii</i> (<u>Arn.</u>) <u>Bhandari</u>	Gugal	<u>Burseraceae</u>	Decreased <u>cholesterol</u> synthe sis in the <u>liver</u>	Bark	Tree
54.	<i>Canarium strictum</i> R OXB.	Dhup	Burseraceae	Bronchial diseases	Leaves	Tree



Chairman, Green Audit Committee



IQAC Coordinator



Principal



Beauty of Flowers in College Campus



Canna indica L.



Canna indica L.



Canna indica L.



Rosa indica L.



Rosa indica L.



Rosa indica L.



Gerbera jamesonii Hooker



Gerbera jamesonii Hooker



Gerbera jamesonii Hooker



Gerbera jamesonii Hooker



Catharanthus roseus L.



Catharanthus roseus L.



Tecoma stans L.



Tabernaemontana divaricata L.



Bellis perennis L.

Plate No. 1





Chrysanthemum indicum L.



Gaillardia aristata L.



Verbena officinalis L.



Nerium indicum L.



Plumbago zeylanica L.



Polyanthes tuberosa L.



Lantana camera L.



Lantana camera L.



Lantana camera L.



Lantana camera L.



Ixora coccinea L.



Tecoma capensis Thunb.



Pentas lanceolata Forssk.



Pentas lanceolata Forssk.



Pentas lanceolata Forssk.

Plate No. 2





Ixora coccinea L.



Stachytarpheta jamaicensis L.



Pelargonium hortorum L.

Medicinal Plant Garden



Ficus carica L.



Aloe vera L.



Bryophyllum pinnatum L.



Cymbopogon citrates L.



Costus igneus N.E.Br.



Mimosa pudica L.



Asparagus racemosus L.



Datura metel L.

Plate No. 3





Pelargonium hortorum L.

Ruta graveolens L.



Mentha spicata L.

Trachyspermum ammi Sprague

Curcuma longa L.



Withania somnifera L.

Piper nigrum L.



Ocimum gratissimum

Plate No. 4:



