

ICAR-NBPGR Plant Diversity

Knowledge Enhancement Towards Green Wealth

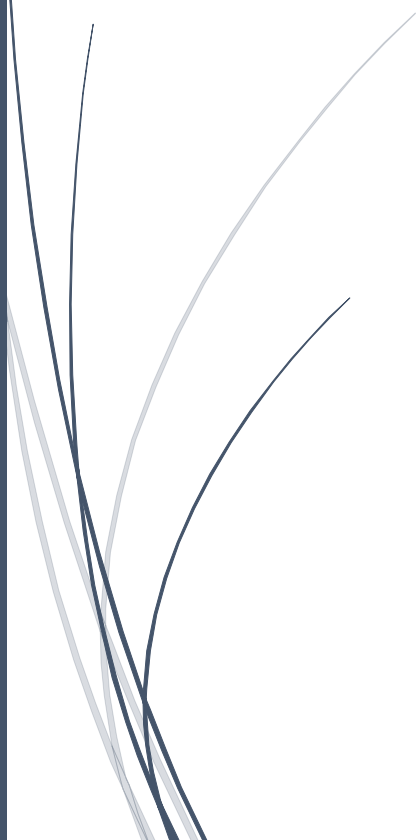
Our Green Heritage



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Cover page photo identity: (from top to bottom) *Syzygium cumini*, *Cassia fistula*, *Citrus japonica*, *Ervatamia coronaria*, *Araucaria araucana*, *Morus alba*, *Ficus benghalensis*

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Disclaimer: The content of this book have been developed based on selected information source from the prior publications of the senior authors. This has been aimed to enhance knowledge of the researchers, students and common users interested in knowing the plant wealth. The plant listed are prioritized based on importance and availability of images; non-availability of the species on cited location may be due to some technical reasons.

About The Document

ICAR-NBPGR Plant Diversity: Knowledge Enhancement Towards Green Wealth

“Urban forestry” is an upcoming thrust area taking up massive drive for tree plantation in cities and towns across the country to develop an urban jungle to plant trees. Multiple benefits of trees through enhance quality of environment, adding beauty and conserving biodiversity are well known. Thrust on planting trees can be laid through educating and developing interest of the masses towards our green heritage around our surroundings and multi-disciplinary learning by involving the students, researchers, administrators, and others. In this direction, ICAR-National Bureau of Plant Genetic Resources (ICAR-NBPGR), New Delhi has taken initiative to plant trees on various occasions to enhance the grace of a celebration.

The document includes a total of 102 species- trees, shrubs and perennial herbs. Some significant gymnosperms-*Pinus roxburghi*, *Cycas revoluta*, *Thuja occidentalis* have been included; also common ornamentals are also included. List of taxa are arranged alphabetically. In the end, an index is provided with page location. The diversity of perennials represented in the ICAR-NBPGR campus would facilitate enhanced knowledge by creating awareness on inventorying of plants in the form of check-list with the botanical name and detailed notes, besides sensitizing staff, students and visitors. Added benefit remains fascination towards green wealth among the new generation.

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Introduction

The trees provide environmental investment in an area additional to adding beauty, and reduce pollution and temperatures under abrupt weather conditions and thereby helping it to keep the area/locality green and cool. The activities of planting the trees provide multiple benefits including multi-disciplinary learning by involving the students, researchers, administrators, and others.

One of the major aim in preparing this document with photographic images to attract users and promote the knowledge on plant species and knowing about their identity and use. The survey and physical verification of trees and perennial species in the both the campuses of the ICAR-NBPGR resulted in recording of the botanical and other data. Since the foundation of plant biodiversity garden inaugurated by Dr RS Paroda, the then Secretary DARE and DG, ICAR, on August 7, 2000 many flowering plants and some gymnosperms have been added in the campus. The bureau also holds experimental species maintained in net-houses, plant nursery, etc.

In various fora on the biodiversity conservation, it was felt that the thrust on planting trees can be laid through developing interest of masses towards our green heritage in the form of plants around us. To keep this forward, preliminary efforts were made to list plants in both new and old campus of ICAR-National Bureau of Plant Genetic Resources (ICAR-NBPGR), New Delhi and to document the plant wealth in the institute. This will be a ready reckoner with plant name, family, common/local name and use and source if known on the one hand and to create awareness and fascination towards or green wealth among the new generation on the other. The record of the diversity of perennials in the ICAR-NBPGR campus would facilitate the inventory of plants in the form of check-list with the botanical name and detailed notes, besides sensitizing staff, students and visitors. The check-list prepared as per the data available on nativity, distribution and economic value, and present location in ICAR-NBPGR has been published as a separate document.

Over the years since inception of the bureau, the ICAR-NBPGR (old and new campus) has assembled perennials/trees in its premises besides adding seasonal ornamentals. A large number perennial species have been added, or replaced by new ones because of changes in layout, establishment, shifting, etc. A detailed check-list has been published by the authors to educate and develop interest of the masses towards our green heritage, located in both new and old campus of ICAR-National Bureau of Plant Genetic Resources (ICAR-NBPGR), New Delhi and to document the plant wealth in the institute surroundings. To fascinate the younger and amateurs towards enhancing their knowledge the information has been provided with scientific names and their photographs.

Some selected species are discussed in brief for Family name, Botanical name, Common name, Native place, Use and Location. The document includes a total of 102 species- trees, shrubs and perennial herbs representing species (102), genera (80), and family (44).

Acalypha wilkesiana Müll.Arg.



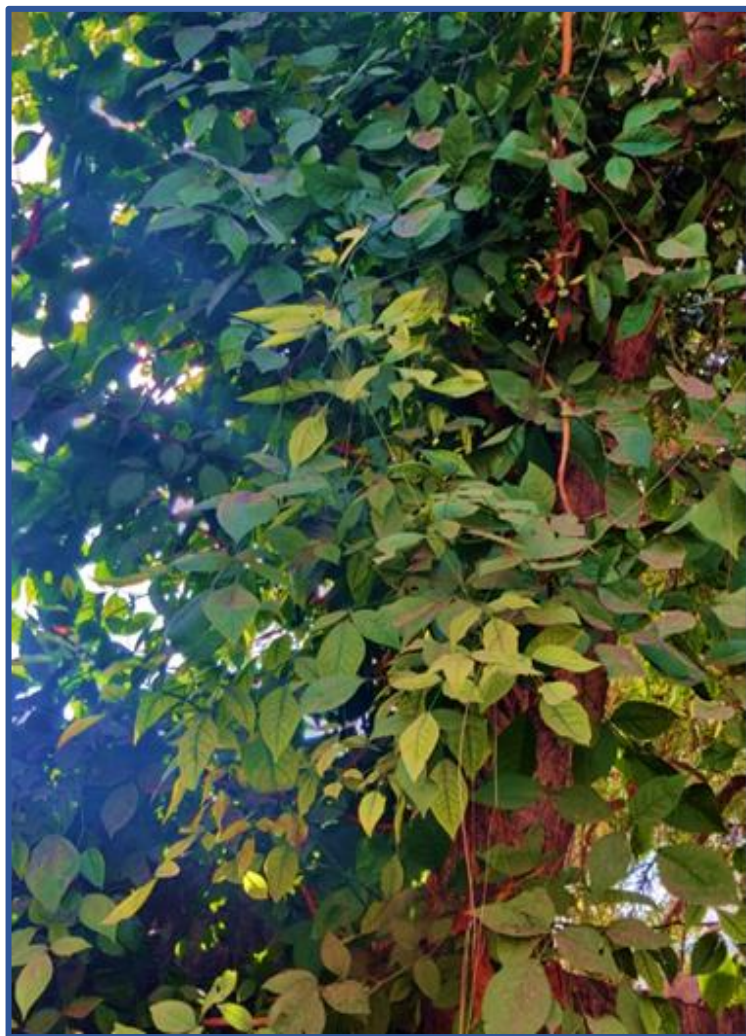
Family	Euphorbiaceae
Scientific Name	<i>Acalypha wilkesiana</i> Müll.Arg.
Common Name	Fire Fiji Plant, Fire Dragon
Native Place	Pacific Islands
Use	Ornamental
Location	Old and new campus

Achras sapota L. [=Manilkara zapota (L.) P. Royen]



Family	Sapotaceae
Scientific Name	<i>Achras sapota</i> L. [=Manilkara zapota (L.) P. Royen]
Common Name	Sapota, chikku.
Native Place	Northern America, Southern America
Use	Fruits edible
Location	Biodiversity garden, new campus

Aegle marmelos (L.) Correa



Family

Scientific Name *Aegle marmelos* (L.) Correa

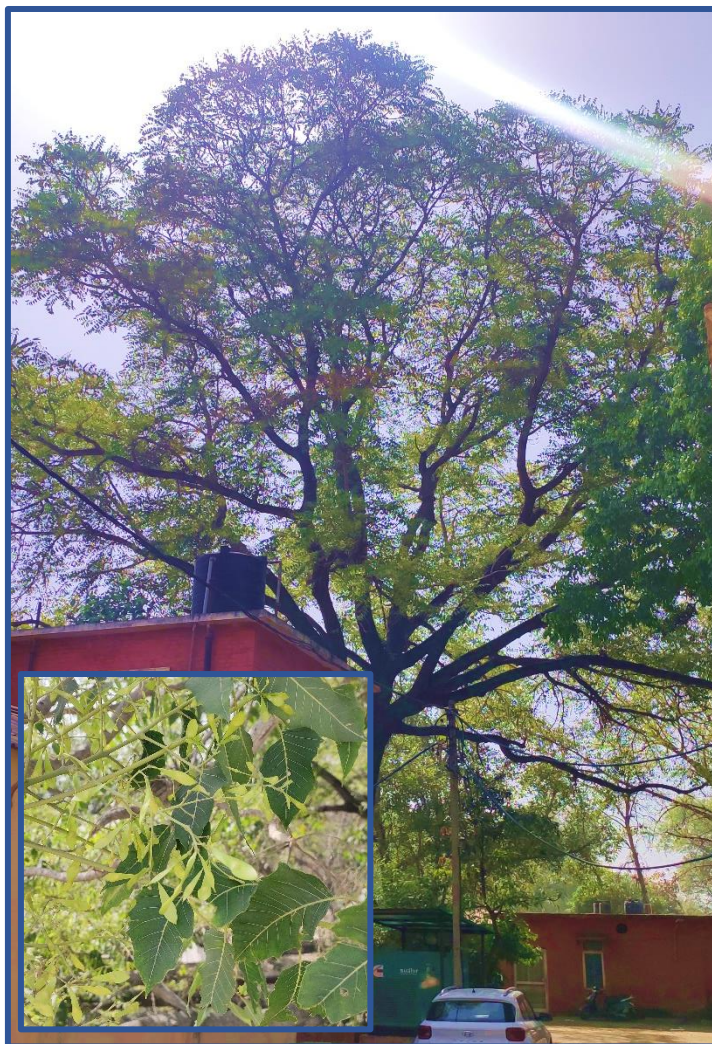
Common Name Bengal quince, bael

Native Place Asia-Tropical. India, Nepal

Use Fruits edible, medicinal

Location Old and new campus

Ailanthus excelsa Roxb.



Family Simaroubaceae

Scientific Name *Ailanthus excelsa* Roxb.

Common Name Tree of Heaven, mahanimb, urlu

Native Place Asia-Tropical India, Andaman and Nicobar Islands, Sri Lanka, Indo-china

Use Avenue tree, medicinal

Location Old campus

Aloe vera (L.) Burm.f.



Family	Liliaceae
Scientific Name	<i>Aloe vera</i> (L.) Burm.f.
Common Name	Aloe, ghrita-kumari
Native Place	Africa, widely cultivated
Use	Medicinal
Availability	Old and new campus

Alstonia scholaris (L.) R. Br.



Family	Apocynaceae
Scientific Name	<i>Alstonia scholaris</i> (L.) R. Br.
Common Name	Devil's tree, scholar tree, saptaparni.
Native Place	Asia - Temperate, Asia -Tropical region, Bangladesh, Bhutan, India, Nepal, Pakistan, Sri Lanka.
Use	Avenue tree, ornamental, medicinal.
Availability	Old campus

Annona squamosa L.



Family	Annonaceae
Scientific Name	<i>Annona squamosa</i> L.
Common Name	Custard apple, Sharifa, Sitaphal
Native Place	It is native to the tropical Americas and West Indies
Use	Fruit edible
Location	New campus

Araucaria araucana (Molina) K.Koch



Family	Araucariaceae
Scientific Name	<i>Araucaria araucana</i> (Molina) K.Koch
Common Name	Monkey puzzle tree, monkey tail tree, piñonero, pewen or Chilean pine
Native Place	Native to central and southern Chile and western Argentina
Use	Ornamental
Location	Old and new campus

***Artocarpus lacucha* Buch.-Ham.
(=*Artocarpus lakoocha* Roxb.)**



Family	Moraceae
Scientific Name	<i>Artocarpus lacucha</i> Buch.-Ham. (= <i>Artocarpus lakoocha</i> Roxb.)
Common Name	Monkey jack, barhal.
Native Place	Asia-Temperate, Asia-Tropical, India, Laos, Myanmar, Thailand, Vietnam.
Use	Human food, medicine.
Location	Old campus

***Asparagus racemosus* Willd.**



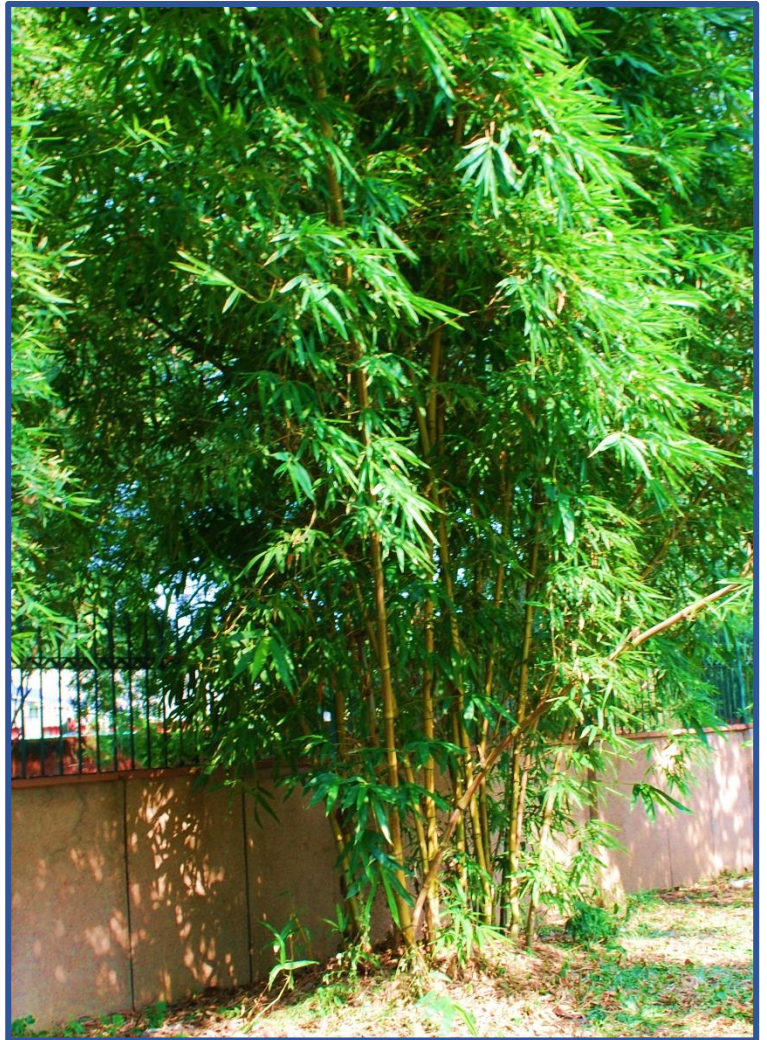
Family	Asparagaceae
Scientific Name	<i>Asparagus racemosus</i> Willd.
Common Name	Satavar, shatavari, or shatamull, shatawari
Native Place	Species of asparagus common throughout India and the Himalaya
Use	Medicinal, ornamental
Location	Old and new campus

Azadirachta indica A. Juss.



Family	Meliaceae
Scientific Name	<i>Azadirachta indica</i> A. Juss.
Common Name	Margosa tree, neem.
Native Place	Asia-Tropical. Bangladesh, India, Myanmar
Use	Medicinal
Availability	Old and new campus

Bambusa vulgaris Schrad.ex J. C. Wendl.



Family	Poaceae
Scientific Name	<i>Bambusa vulgaris</i> Schrad.ex J. C. Wendl.
Common Name	Bamboo, bans
Native Place	Asia-Temperate, China.
Use	Medicinal
Availability	Old and new campus

Bauhinia purpurea L.



Family	Caesalpinaceae
Scientific Name	<i>Bauhinia purpurea</i> L.
Common Name	Kachnar
Native Place	Asia-Tropical, Bhutan, India, Nepal, Pakistan, Sri Lanka, Myanmar, Thailand
Use	Ornamental
Availability	Old campus

Bauhinia tomentosa L.



Family	Caesalpinaceae
Scientific Name	<i>Bauhinia tomentosa</i> L.
Common Name	Yellow bell orchid tree, kanchan
Native Place	Africa, Asia-Temperate, Asia-Tropical, India
Use	Ornamental
Availability	Old and new campus

Bauhinia variegata L.



Family	Caesalpinaceae/ Fabaceae
Scientific Name	<i>Bauhinia variegata</i> L.
Common Name	Mountain ebony, kachnar
Native Place	Asia-Temperate, Asia-Tropical Bhutan, India, Nepal, Pakistan
Use	Vegetable, medicinal, ornamental
Availability	Old campus

Bougainvillea spectabilis Willd.



Family	Nyctaginaceae
Scientific Name	<i>Bougainvillea spectabilis</i> Willd.
Common Name	<i>Bougainvillea</i>
Native Place	Southern America
Use	Ornamental
Availability	Old campus

Calliandra haematocephala Hassk.



Family	Mimosaceae/Fabaceae
Scientific Name	<i>Calliandra haematocephala</i> Hassk.
Common Name	Red Powder Puff
Native Place	Southern America
Use	Ornamental, Medicinal
Availability	Old and new campus

Callistemon lanceolatus (Sm.) Sweet



Family	Myrtaceae
Scientific Name	<i>Callistemon lanceolatus</i> (Sm.) Sweet
Common Name	Bottle brush
Native Place	Australia
Use	Ornamental
Availability	Old and new campus

Canna indica L.



Family	Cannaceae
Scientific Name	<i>Canna indica</i> L.
Common Name	Indian shot, sarvajjaya
Native Place	India, Nepal, Sri Lanka, Australia, Europe, Northern America, Pacific
Use	Ornamental, medicinal
Availability	New campus

Carissa carandus L.



Family	Apocynaceae
Scientific Name	<i>Carissa carandus</i> L.
Common Name	Bengal currant, karanda
Native Place	Asia-Tropical Bangladesh, India
Use	Vegetable, medicinal
Availability	Old and new campus

Carissa macrocarpa (Eckl.) A. DC.



Family	Apocynaceae
Scientific Name	<i>Carissa macrocarpa</i> (Eckl.) A. DC.
Common Name	Natal plum
Native Place	Africa
Use	Ornamental, human food
Availability	Biodiversity garden and new campus

Cassia fistula L.



Family	Caesalpinaceae/ Fabaceae
Scientific Name	<i>Cassia fistula</i> L.
Common Name	Golden shower, amaltas
Native Place	Cultivated (naturalized in tropics)
Use	Ornamental, medicinal, Insect repellent
Availability	Old and new campus

Casurina equisetifolia L.



Family	Casuarinaceae
Scientific Name	<i>Casurina equisetifolia</i> L.
Common Name	Whistling pine, jangali saru
Native Place	Asia-Tropical India
Use	Ornamental
Availability	Old campus

Cestrum diurnum L.



Family	Solanaceae
Scientific Name	<i>Cestrum diurnum</i> L.
Common Name	day-blooming jessamine, Din ka Raja (king of the day)
Native Place	Native to the West Indies
Use	Ornamental
Location	Old and new campus

Chlorophytum comosum (Thunb.) Jacques



Family	Asparagaceae
Scientific Name	<i>Chlorophytum comosum</i> (Thunb.) Jacques
Common Name	Spider plant, airplane plant, spider ivy, ribbon plant
Native Place	Tropical and southern Africa
Use	Ornamental
Availability	Old campus

Citrus aurantiifolia (Christm.) Swingle



Family	Rutaceae
Scientific Name	<i>Citrus aurantiifolia</i> (Christm.) Swingle
Common Name	Lime, kaghzi nimbu
Native Place	Native to tropical Southeast Asia
Use	Edible, medicinal
Location	Old campus

Citrus japonica Thunb.



Family	Rutaceae
Scientific Name	<i>Citrus japonica</i> Thunb.
Common Name	Kumquats or cumquats
Native Place	South Asia and Asia-Pacific
Use	Ornamental
Availability	Old campus

Citrus maxima (Burm.) Merr.



Family	Rutaceae
Scientific Name	<i>Citrus maxima</i> (Burm.) Merr.
Common Name	Pummelo, chakotra
Native Place	Asia-Tropical, Indonesia, Malaysia Cultivated (widely cult. in tropics & subtropics)
Use	Medicinal
Location	Old campus

Codiaeum variegatum (L.) Rumph. Ex
A Juss.



Family	Euphorbiaceae
Scientific Name	<i>Codiaeum variegatum</i> (L.) Rumph. Ex A Juss.
Common Name	Fire croton, garden croton, or variegated croton
Native Place	Native to Indonesia, Malaysia, Australia and the western Pacific Ocean islands
Use	Ornamental
Location	Old and new campus

Cordia rothii Roem. & Schult. (= *Cordia sinensis* Lam.)



Family	Boraginaceae
Scientific Name	<i>Cordia rothii</i> Roem. & Schult. (= <i>Cordia sinensis</i> Lam.)
Common Name	Indian cherry, lasoda
Native Place	Africa, Asia-Temperate, Asia-Tropical, India, Pakistan, Sri Lanka
Use	Vegetable, medicinal.
Availability	Old and new campus

Crassula ovata (Mill.) Druce



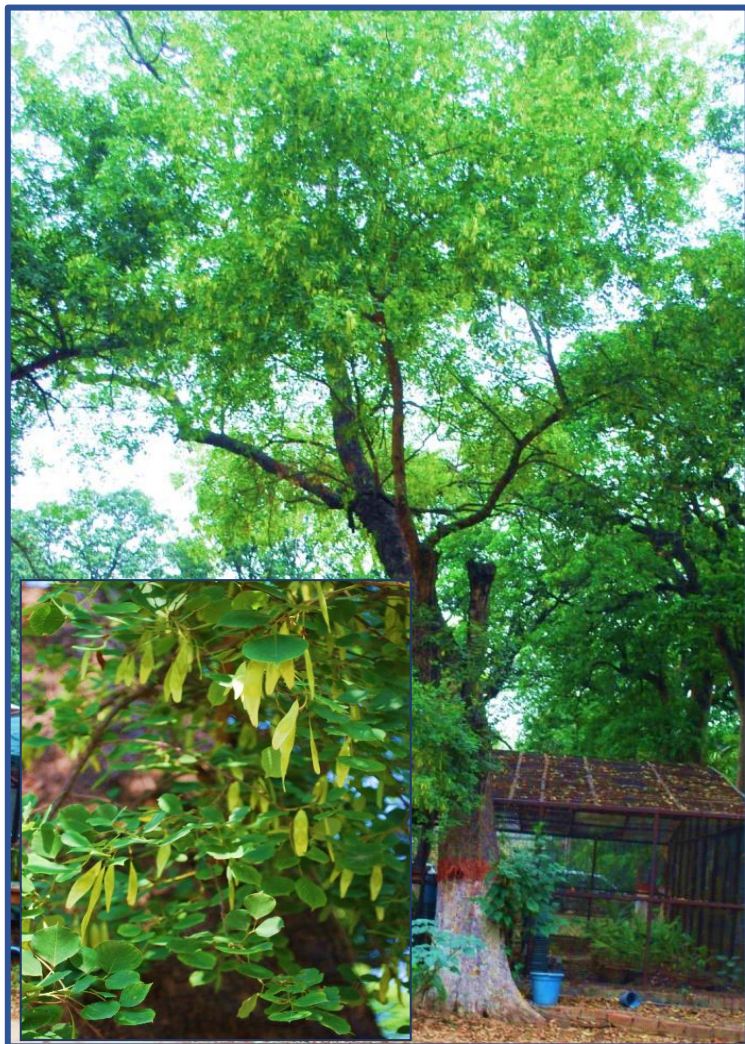
Family	Crassulaceae
Scientific Name	<i>Crassula ovata</i> (Mill.) Druce
Common Name	Lucky plant, Jade Plant
Native Place	native to the KwaZulu-Natal and Eastern Cape provinces of South Africa, and Mozambique
Use	Houseplant worldwide
Availability	New campus

Cycas revoluta Thunb.



Family	Cycadaceae
Scientific Name	<i>Cycas revoluta</i> Thunb.
Common Name	Sago palm, pahadi supari
Native Place	Japan, South China
Use	Ornamental
Availability	Old and new campus

Dalbergia sissoo Roxb.



Family	Fabaceae
Scientific Name	<i>Dalbergia sissoo</i> Roxb
Common Name	Indian rosewood, shisham
Native Place	Asia-Temperate, Asia-Tropical, Bangladesh, Bhutan, India, Nepal, Pakistan
Use	Avenue, timber, medicinal and environmental
Availability	Old campus, biodiversity garden, new campus

Dieffenbachia seguine (Jacq.) Schott.



Family	Araceae
Scientific Name	<i>Dieffenbachia seguine</i> (Jacq.) Schott.
Common Name	Dumb cane
Native Place	Native to the New World Tropics from Mexico and the West Indies, south to Argentina
Use	Ornamental
Availability	Old Campus

Ervatamia coronaria (Jacq.) Stapf
(=*Tabernaemontana divaricata* (L.) Burkill)



Family	Apocynaceae
Scientific Name	<i>Ervatamia coronaria</i> (Jacq.) Stapf (= <i>Tabernaemontana divaricata</i> (L.) Burkill)
Common Name	pinwheel flower, crape jasmine, East India rosebay and Nero's crown, chandni
Native Place	Africa, Native to Asia, Africa, Australia, North America, South America
Use	Ornamental
Availability	Old and new campus

Euphorbia tithymaloides L.



Family	Euphorbiaceae
Scientific Name	<i>Euphorbia tithymaloides</i> L.
Common Name	Red bird flower
Native Place	America
Use	Ornamental
Availability	Old and new campus

Feronia limonia Swingle (= *Limonia acidissima* L.)



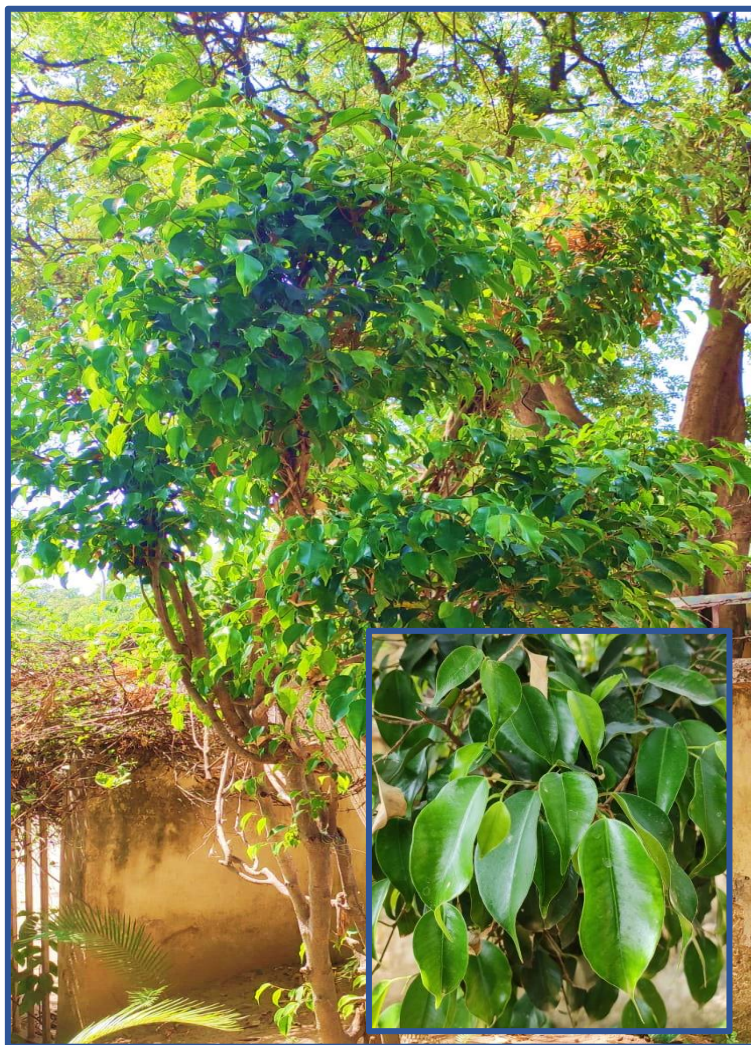
Family	Rutaceae
Scientific Name	<i>Feronia limonia</i> Swingle (= <i>Limonia acidissima</i> L.)
Common Name	Wood apple, kaith
Native Place	Asia-Tropical, India, Pakistan, Sri Lanka
Use	Medicinal, Fruit edible
Availability	New campus

Ficus benghalensis L.



Family	Moraceae
Scientific Name	<i>Ficus benghalensis</i> L.
Common Name	Banyan tree, barh
Native Place	Asia-Tropical, India, Pakistan
Use	Avenue, medicinal
Availability	Old and new campus

Ficus benjamina L.



Family	Moraceae
Scientific Name	<i>Ficus benjamina</i> L.
Common Name	Weeping fig, pukar
Native Place	Asia and Australia
Use	Ornamental
Availability	Old and new campus

Ficus elastica Roxb. ex Hornem.



Family	Moraceae
Scientific Name	<i>Ficus elastica</i> Roxb. ex Hornem.
Common Name	Rubber fig, rubber tree, rubber plant, Indian rubber tree
Native Place	Tropical Asia, India, and Malaysia
Use	Ornamental
Availability	Old and new campus

Ficus glomerata Roxb. (= *Ficus racemosa* L.)



Family	Moraceae
Scientific Name	<i>Ficus glomerata</i> Roxb. (= <i>Ficus racemosa</i> L.)
Common Name	Cluster fig, gular.
Native Place	Australia, Malesia, Indo-China
Use	Medicinal and ornamental
Availability	Old and new campus

Ficus infectoria Willd. (= *Ficus virens* Aiton)



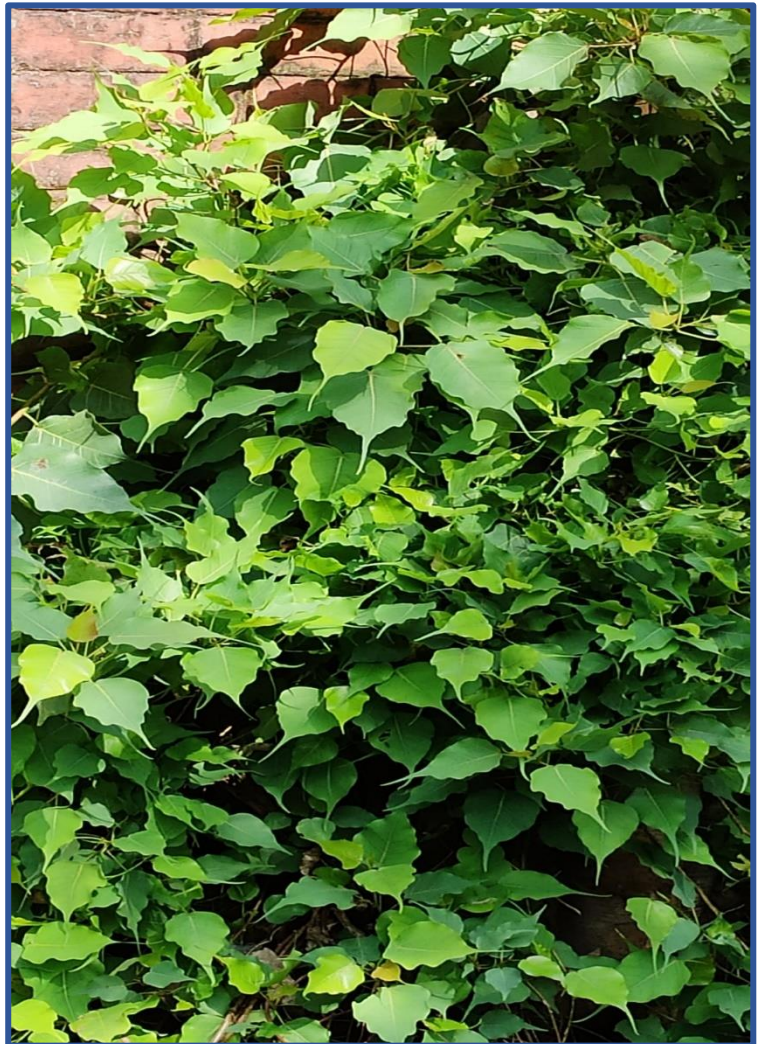
Family	Moraceae
Scientific Name	<i>Ficus infectoria</i> Willd. (= <i>Ficus virens</i> Aiton)
Common Name	White fig, pilkhan, pakhad
Native Place	Asia-Temperate, Asia-Tropical, Bhutan, India, Nepal, Sri Lanka
Use	Ornamental, hedge plant
Availability	Old and new campus

Ficus panda



Family	Moraceae
Scientific Name	<i>Ficus panda</i>
Common Name	Ficus panda
Native Place	--
Use	Ornamental
Availability	New campus

Ficus religiosa L.



Family	Moraceae
Scientific Name	<i>Ficus religiosa</i> L.
Common Name	Sacred fig, peepal
Native Place	Asia-Tropical, Bangladesh, India, Nepal, Pakistan
Use	Avenue, ornamental, medicinal
Availability	Old and new campus

Ficus variegata Blume



Family	Moraceae
Scientific Name	<i>Ficus variegata</i> Blume
Common Name	Variegated fig
Native Place	It occurs in many parts of Asia, islands of the Pacific and as far south east as Australia
Use	Ornamental
Availability	Old and new campus

Furcraea foetida 'Medio Picta' - Variegated



Family	Asparagaceae
Scientific Name	<i>Furcraea foetida</i> 'Medio Picta' - Variegated
Common Name	Mauritius Hemp - Golden Sword
Native Place	Brazil
Use	Ornamental
Availability	Old and new campus

Grevillea robusta A. Cunn. ex R. Br.



Family	Proteaceae
Scientific Name	<i>Grevillea robusta</i> A. Cunn. ex R. Br.
Common Name	Southern silky oak
Native Place	Australia, Asia
Use	Ornamental
Availability	Old campus

Hamelia patens Jacq.



Family	Rubiaceae
Scientific Name	<i>Hamelia patens</i> Jacq.
Common Name	Firebush, hummingbird bush, scarlet bush, and redhead
Native Place	American subtropics and tropics
Use	Ornamental
Availability	Old campus

Hibiscus rosa-sinensis L.



Family	Malvaceae
Scientific Name	<i>Hibiscus rosa-sinensis</i> L.
Common Name	China rose, gurchal
Native Place	Probable tropical Asia
Use	Ornamental, medicinal
Availability	Old and new campus

Jatropha integrifolia Jacq.



Family	Euphorbiaceae
Scientific Name	<i>Jatropha integrifolia</i> Jacq.
Common Name	Peregrina, spicy jatropha
Native Place	Cuba and Hispaniola
Use	Ornamental
Location	Old campus

Kigelia pinnata (Jacq.) DC. (= *Kigelia africana* (Lam.) Benth.)



Family	Bignoniaceae
Scientific Name	<i>Kigelia pinnata</i> (Jacq.) DC. (= <i>Kigelia africana</i> (Lam.) Benth.)
Common Name	Sausage tree
Native Place	Africa
Use	Ornamental
Availability	Biodiversity garden, new campus

Lagerstroemia indica L.



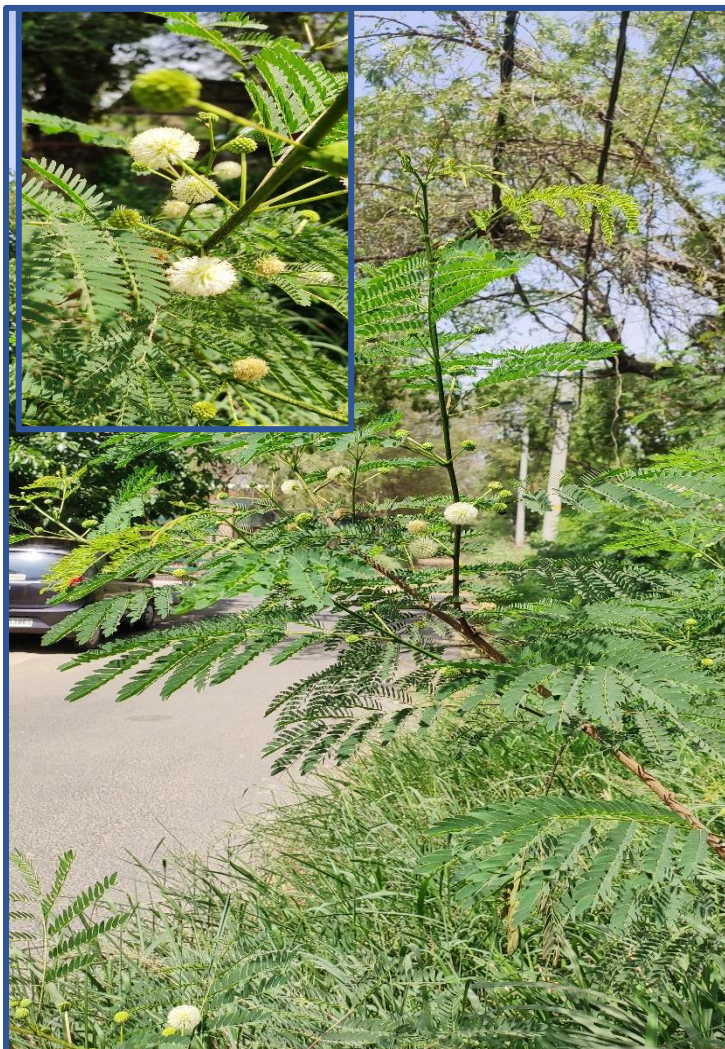
Family	Lythraceae
Scientific Name	<i>Lagerstroemia indica</i> L.
Common Name	Crape myrtle
Native Place	Native to the Indian Subcontinent and also to Southeast Asia, China, Korea and Japan
Use	Ornamental
Availability	Old campus

Lagerstroemia speciosa (L.) Pers.



Family	Lythraceae
Scientific Name	<i>Lagerstroemia speciosa</i> (L.) Pers.
Common Name	Pride of India, jarul
Native Place	Asia-Tropical, India, Sri Lanka
Use	Ornamental
Availability	New campus

Leucaena leucocephala Lam. De Wit.



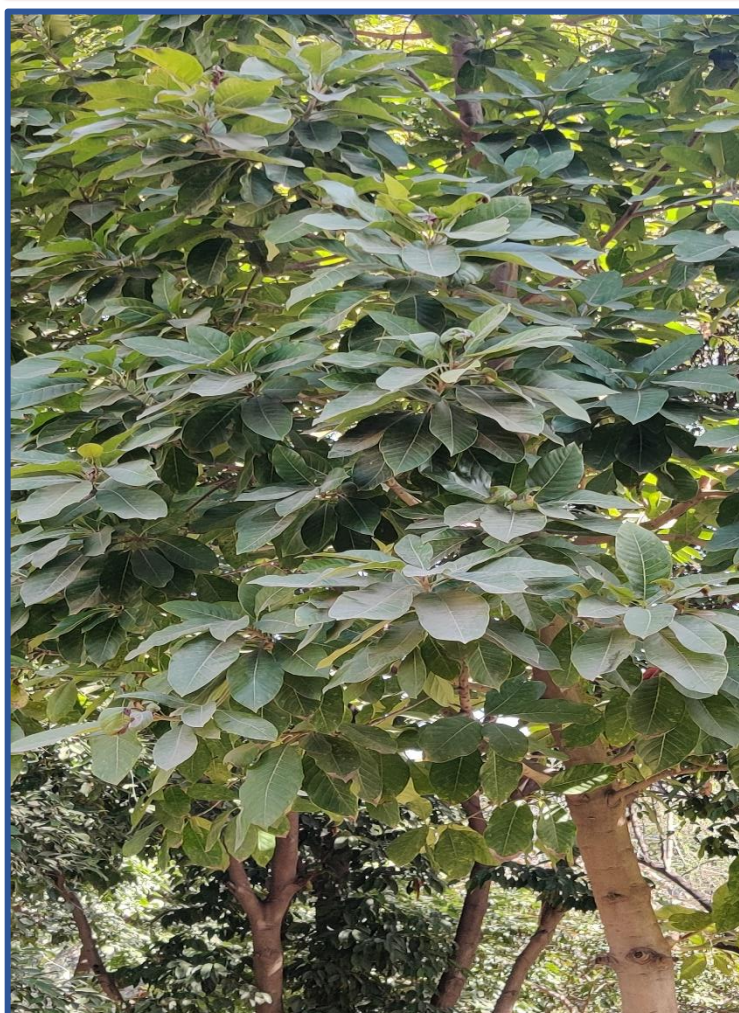
Family	Mimosaceae
Scientific Name	<i>Leucaena leucocephala</i> Lam. De Wit.
Common Name	White lead tree, subabul
Native Place	Northern America, Southern America
Use	Hedge plant, bio-energy
Location	New campus

Livistona chinensis (Jacq.) R. Br. ex
Mart.



Family	Arecaceae
Scientific Name	<i>Livistona chinensis</i> (Jacq.) R. Br. ex Mart.
Common Name	Fan palm
Native Place	Asia-Temperate, China
Use	--
Location	Old campus

Madhuca longifolia (J. Konig) J. F.
Macbr.



Family	Sapotaceae
Scientific Name	<i>Madhuca longifolia</i> (J. Konig) J. F. Macbr.
Common Name	Mahuwa
Native Place	Asia-Tropical
Use	Fruit
Location	New campus

Malvaviscus konzattii Greenman
(=*Malvaviscus arboreus* Cav. var. *arboreus*)



Family	Malvaceae
Scientific Name	<i>Malvaviscus konzattii</i> Greenman (= <i>Malvaviscus arboreus</i> Cav. var. <i>arboreus</i>)
Common Name	Turk's cap mallow
Native Place	Northern-America, Southern-America
Location	New campus

Mangifera indica L.



Family	Anacardiaceae
Scientific Name	<i>Mangifera indica</i> L.
Common Name	Mango, aam
Native Place	Asia-Tropical India
Use	Human food, ornamental and medicinal
Availability	Old and new campus

Manihot esculenta “Variegata”



Family	Euphorbiaceae
Scientific Name	<i>Manihot esculenta</i> "Variegata"
Common Name	Bitter cassava, tapioca, manioc or yuca
Native Place	Brazil
Use	Ornamental
Availability	Old campus

Manilkara hexandra (Roxb.) Dub.



Family	Sapotaceae
Scientific Name	<i>Manilkara hexandra</i> (Roxb.) Dub.
Common Name	Ceylon Iron Wood, khirni
Native Place	Asia-Temperate, Asia-Tropical, Bangladesh, India, Sri Lanka.
Use	Fruit edible
Availability	Biodiversity garden, new campus

Mimusops elengi L.



Family	Sapotaceae
Scientific Name	<i>Mimusops elengi</i> L.
Common Name	Spanish cherry, maulsari
Native Place	Asia-Tropical, India, Sri Lanka
Use	Fruit edible, ornamental
Location	New campus

Monstera epipremnoides Engl.



Family	Araceae
Scientific Name	<i>Monstera epipremnoides</i> Engl.
Common Name	Monstera
Native Place	Native to tropical forests of southern Mexico, south to Panama
Use	Ornamental
Availability	Old campus

Morinda citrifolia L.



Family	Rubiaceae
Scientific Name	<i>Morinda citrifolia</i> L. (source: Dr. Lalit Arya)
Common Name	Indian mulberry, noni
Native Place	Asia-Temperate, Asia-Tropical, Bangladesh, India, Sri Lanka, India, Indochina, Thailand
Use	Ornamental and medicinal
Availability	New campus

Moringa oleifera Lam.



Family	Moringaceae
Scientific Name	<i>Moringa oleifera</i> Lam.
Common Name	Drumstick tree, sahan
Native Place	Asia-Tropical, India
Use	Vegetable, ornamental and medicinal
Availability	Old and new campus

Morus alba L.



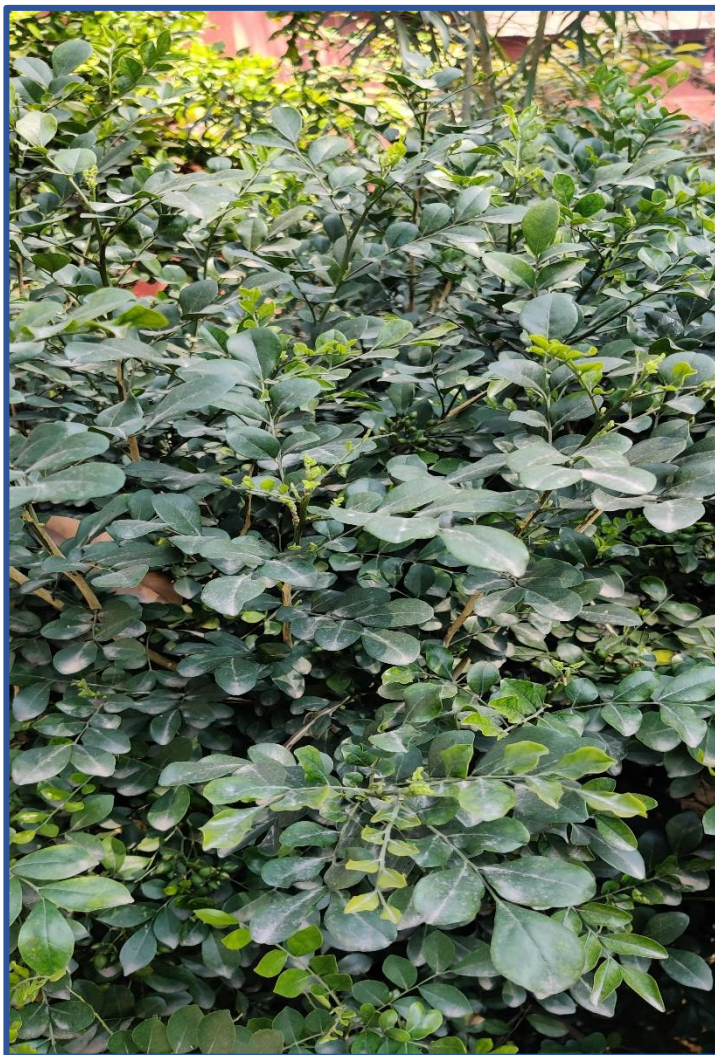
Family	Moraceae
Scientific Name	<i>Morus alba</i> L.
Common Name	Mulberry, shahtoot
Native Place	Asia-Temperate, Asia-Tropical, India
Use	Human food, ornamental and medicinal
Availability	Old and new campus

Murraya koenigii (L.) Spreng. (= *Bergera koenigii* L.)



Family	Rutaceae
Scientific Name	<i>Murraya koenigii</i> (L.) Spreng. (= <i>Bergera koenigii</i> L.)
Common Name	Curry leaf, kari patta
Native Place	Asia-Temperate, Asia-Tropical, Bangladesh, Bhutan, India, Nepal, Pakistan, Sri Lanka, Andaman and Nicobar Islands, Laos, Myanmar, Thailand, Vietnam
Use	Ornamental and medicinal
Availability	Old and new campus

Murraya paniculata (L.) Jack



Family	Rutaceae
Scientific Name	<i>Murraya paniculata</i> (L.) Jack
Common Name	Orange jasmine, kamini
Native Place	Asia-Temperate, Asia-Tropical, Vietnam
Use	Ornamental
Location	Old and new campus

Musa acuminata Colla



Family	Musaceae
Scientific Name	<i>Musa acuminata</i> Colla
Common Name	Banana, kela
Native Place	Asia-Temperate, Asia-Tropical, India, Sri Lanka
Use	Human food, medicinal
Availability	Old and new campus

Nerium oleander L.



Family	Apocynaceae
Scientific Name	<i>Nerium oleander</i> L.
Common Name	Common oleander
Native Place	Mediterranean region
Use	Ornamental
Availability	New campus

Nyctanthes arbour-tristis L.



Family	Oleaceae
Scientific Name	<i>Nyctanthes arbour-tristis</i> L.
Common Name	Night jasmine, harsingar
Native Place	Asia-Tropical, India, Nepal, Pakistan
Use	Ornamental and medicinal
Availability	Old campus

Pachira glabra Pasq.



Family	Malvaceae
Scientific Name	<i>Pachira glabra</i> Pasq.
Common Name	Guinea peanut, french peanut
Native Place	Brazil
Use	Seeds/nuts edible, ornamental
Availability	Old campus

Pandanus odorifer (Forssk.) Kuntze



Family	Pandanaceae
Scientific Name	<i>Pandanus odorifer</i> (Forssk.) Kuntze
Common Name	Seashore Pandan, kewda
Native Place	Polynesia, Australia, South Asia, Andaman Islands, and the Philippines, wild in southern India and Burma
Use	Medicinal and aromatic
Location	Old and new campus

Phoenix dacylifera L.



Family	Arecaceae
Scientific Name	<i>Phoenix dacylifera</i> L.
Common Name	Date palm, khajur
Native Place	Probably Asia-Temperate
Use	Human food, Ornamental
Location	Biodiversity garden, new campus and old campus

Phyllanthus emblica L.



Family	Euphorbiaceae/ Phyllanthaceae
Scientific Name	<i>Phyllanthus emblica</i> L.
Common Name	Indian gooseberry, amla
Native Place	Asia-Temperate, Asia-Tropical, Bangladesh, Bhutan, India, Nepal, Pakistan, Sri Lanka
Use	Fruits edible, medicinal
Location	Biodiversity garden, new campus

Pinus roxburghii Sarg.



Family	Pinaceae
Scientific Name	<i>Pinus roxburghii</i> Sarg.
Common Name	Chir pine tree, chir
Native Place	Asia-Temperate, Asia-Tropical, Bhutan, India, Nepal
Use	Ornamental, timber
Location	Biodiversity garden, new campus

Pithecellobium dulce (Roxb.) Benth.



Family	Caesalpiaceae/ Fabaceae
Scientific Name	<i>Pithecellobium dulce</i> (Roxb.) Benth.
Common Name	Manilla tamarind, jangal jalebi
Native Place	Northern America, Southern America
Use	Human food, wood, medicinal
Location	Biodiversity garden, new campus

Plumeria rubra L.



Family	Apocynaceae
Scientific Name	<i>Plumeria rubra</i> L.
Common Name	Red frangipani, champa
Native Place	Northern America, Southern America
Use	Ornamental
Location	Old and new campus

Polyalthia longifolia (Sonn.) Thwaites



Family	Annonaceae
Scientific Name	<i>Polyalthia longifolia</i> (Sonn.) Thwaites
Common Name	Indian fir tree, Ashoka tree, debdaru
Native Place	Asia-Tropical, India, Sri Lanka
Use	Ornamental
Location	Old and new campus

Pongamia pinnata (L.) Pierre
[=*Millettia pinnata* (L.) Panigrahi]



Family	Fabaceae
Scientific Name	<i>Pongamia pinnata</i> (L.) Pierre [= <i>Millettia pinnata</i> (L.) Panigrahi]
Common Name	Pongam tree, karanj
Native Place	Asia-Temperate, Asia-Tropical, Bangladesh, India, Sri Lanka
Use	Medicinal and Environmental
Location	New campus

Prosopis cineraria (L.) Druce



Family	Mimosaceae
Scientific Name	<i>Prosopis cineraria</i> (L.) Druce
Common Name	Khejri, shami
Native Place	Afghanistan, Bahrain, Iran, India, Oman, Pakistan, Saudi Arabia, the United Arab Emirates and Yemen, state tree of Rajasthan
Use	Medicinal, fodder, wood and environmental
Location	Biodiversity garden, new campus

Psidium guajava L.



Pterospermum acerifolium (L.) Willd.



Family Myrtaceae

Scientific Name *Psidium guajava* L.

Common Name Guava, amrood

Native Place Northern America, Mexico Southern America

Use Human food, medicinal

Location Old campus

Family Malvaceae

Scientific Name *Pterospermum acerifolium* (L.) Willd.

Common Name Karnikara tree, kanakchampa

Native Place Asia -Temperate, Asia-Tropical, Bangladesh, Bhutan, India, Nepal

Use Ornamental, medicinal

Location New campus

Punica granatum L.



Family	Punicaceae
Scientific Name	<i>Punica granatum</i> L.
Common Name	Pomegranate, anar
Native Place	Asia-Temperate, Asia-Tropical, India.
Use	Ornamental, fruit edible
Location	Biodiversity garden, new campus

Rondeletia odorata Jacq.



Family	Rubiaceae
Scientific Name	<i>Rondeletia odorata</i> Jacq.
Common Name	Fragrant panama-rose
Native Place	Southern America
Use	Ornamental
Location	Old campus

Roystonea regia (Kunth) O.F.Cook



Family	<u>Areaceae</u>
Scientific Name	<i>Roystonea regia</i> (Kunth) O.F.Cook
Common Name	Cuban royal palm or the Florida royal palm
Native Place	Native to Mexico, parts of Central America and the Caribbean, and Southern Florida
Use	Ornamental
Location	New campus

Simarouba glauca DC.



Family	Simaroubaceae
Scientific Name	<i>Simarouba glauca</i> DC.
Common Name	paradise-tree, dysentery-bark, bitterwood and Lakshmi Taru
Native Place	Florida, South America
Use	Oil
Location	Biodiversity Garden, new campus

Spathiphyllum wallisii Regel



Family	Araceae
Scientific Name	<i>Spathiphyllum wallisii</i> Regel
Common Name	Peace lily
Native Place	Native to tropical rain forest of Colombia
Availability	Old campus

Spathodia campanulata P. Beauv.



Family	Bignoniaceae
Scientific Name	<i>Spathodia campanulata</i> P. Beauv.
Common Name	African tulip tree, rudrapalash, rugtoora
Native Place	Angola, Ethiopia, Ghana, Kenya, Sudan, Tanzania, Uganda, Zambia
Use	Medicinal, ornamental
Location	Biodiversity garden, new campus

Sphagneticola trilobata [*Wedelia chinensis*
(Osbeck) Merr.]



Family	Asteraceae
Scientific Name	<i>Sphagneticola trilobata</i> [<i>Wedelia chinensis</i>] (Osbeck) Merr.
Common Name	The Bay Biscayne, Singapore daisy, creeping-oxeye, trailing daisy
Native Place	Mexico, Central America, and the Caribbean, but now grows throughout the Neotropics
Use	Ornamental
Location	New and old campus.

Syngonium podophyllum Schott.



Family	Araceae
Scientific Name	<i>Syngonium podophyllum</i> Schott.
Common Name	Arrow head wine
Native Place	Native to tropical rain forests in southern Mexico, the West Indies, Central and South America
Use	Ornamental
Location	Old campus

Syzygium cumini (L.) Skeels



Family	Myrtaceae
Scientific Name	<i>Syzygium cumini</i> (L.) Skeels
Common Name	Black plum, jamun, jambolan
Native Place	Africa, Asia-Temperate, Asia-Tropical, India
Use	Ornamental, Human food and medicinal
Location	Old and new campus

Tecoma stans (L.) Juss. ex Kunth



Family	Bignoniaceae
Scientific Name	<i>Tecoma stans</i> (L.) Juss. ex Kunth
Common Name	Yellow bells, peeliya
Native Place	Northern America, Southern America
Use	Ornamental
Location	Biodiversity garden, new campus

Tectona grandis L.f.



Family	Lamiaceae
Scientific Name	<i>Tectona grandis</i> L.f.
Common Name	Teak wood
Native Place	Native to <u>south</u> and <u>southeast Asia</u>
Use	Furniture wood, avenue tree
Location	Old campus

Thevetia neriifolia Juss. ex Steud.
(=*Thevetia peruviana* (Pers.) K. Schum.)



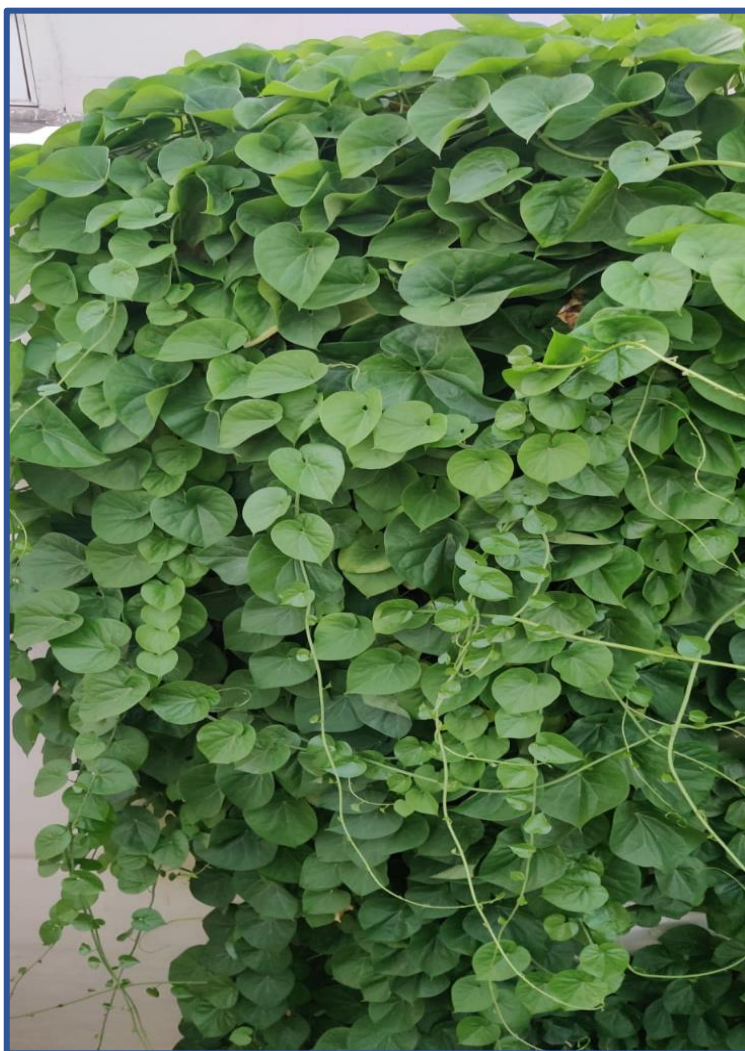
Family	Apocynaceae
Scientific Name	<i>Thevetia neriifolia</i> Juss. ex Steud. (= <i>Thevetia peruviana</i> (Pers.) K. Schum.)
Common Name	Yellow oleander, kaner
Native Place	Northern America, Southern America
Use	Ornamental
Location	New campus

Thuja occidentalis L.



Family	Cupressaceae
Scientific Name	<i>Thuja occidentalis</i> L.
Common Name	Northern white-cedar, thuja
Native Place	Northern America
Use	Ornamental and medicinal
Location	Old and new campus

Tinospora cordifolia (Willd.) Miers



Family	Menispermaceae
Scientific Name	<i>Tinospora cordifolia</i> (Willd.) Miers
Common Name	Heart-leaved moon seed, amrita, giloe
Native Place	Asia-Tropical, Bangladesh, India, Sri Lanka
Use	Medicinal
Location	Old & new campus

Tradescantia pallida (Rose) D.R.Hunt



Family	Commelinaceae
Scientific Name	<i>Tradescantia pallida</i> (Rose) D.R.Hunt
Common Name	Purple secretia, purple-heart, and purple queen.
Native Place	Gulf Coast region of eastern Mexico
Use	Ornamental
Location	Old campus

Vernonia amygdalina Delile
(=*Gymnanthemum amygdalinum*
(Delile) Sch. Bip.)



Family	Asteraceae
Scientific Name	<i>Vernonia amygdalina</i> Delile (= <i>Gymnanthemum amygdalinum</i> (Delile) Sch. Bip.)
Common Name	African bitter leaf
Native Place	Africa, Asia-Temperate
Use	Ornamental, medicinal
Location	Old and new campus

Vitex negundo L.



Family	Verbenaceae/ Lamiaceae
Scientific Name	<i>Vitex negundo</i> L.
Common Name	Chinese chaste tree, nirgundi
Native Place	Africa, Asia-Temperate, Asia-Tropical, Bangladesh, Bhutan, India, Nepal, Pakistan, Sri Lanka
Use	Ornamental, medicinal, insect repellent plant
Location	Biodiversity garden, new campus

Volkameria inermis L. (= *Clerodendrum inerme* (L.) Gaertn.)



Family	Verbenaceae
Scientific Name	<i>Volkameria inermis</i> L. (= <i>Clerodendrum inerme</i> (L.) Gaertn.)
Common Name	Glory bower, wild jasmine
Native Place	Asia-Temperate, Asia-Tropical, Bangladesh, India, Sri Lanka, Australasia, Pacific
Use	Hedge, medicinal
Location	Old and new campus

Withania somnifera (L.) Dunal



Family	Solanaceae
Scientific Name	<i>Withania somnifera</i> (L.) Dunal
Common Name	Indian ginseng, ashwagandha
Native Place	Africa, Asia-Temperate, Asia-Tropical, India, Pakistan, Sri Lanka, Europe
Use	Medicinal
Location	Biodiversity garden, new campus

Zamia furfuracea L.f.



Family	Arecaceae / Zamiaceae
Scientific Name	<i>Zamia furfuracea</i> L.f.
Common Name	Cardboard palm
Native Place	Northern America
Use	Ornamental
Location	New campus

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