

GREEN CAMPUS



9 ARBOUR
SANCTUARIES TO
REDUCE CARBON
FOOT PRINT



St. Joseph's College of Arts and Science for Women

AFFILIATED TO PERIYAR UNIVERSITY, SALEM

HOSUR, Krishnagiri - 635 126

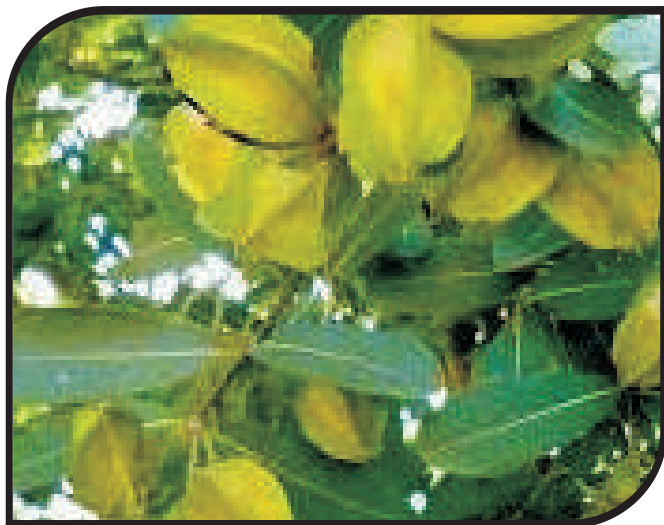
Phone : 04344 - 278751, 98949 05338 FAX : 04344 - 274453

E - Mail : stjoseph.college10@gmail.com / stjosephs.hosur@stjosephcollege.edu.in

WEBSITE : www.stjosephcollege.edu.in

VEGETATION OF THE CAMPUS





ARJUNA TREE

Family : Cobretaceae
Botanical : Terminalia Arjuna



VILVAMARAM

Family : Rutaceae
Botanical : Aegle marmelos

Welcome to St. Joseph's College of Arts and Science for Women, a beacon of education and a sanctuary for nature. Our campus is a living testament to our commitment to fostering a green environment and promoting sustainability. In these pages, you will find a detailed account of the diverse flora that graces our grounds, underscoring our dedication to preserving and nurturing nature.

Our college is a home to a remarkable collection of traditional medicinal plants, reflecting our respect for ancient wisdom and natural remedies. We proudly host 68 varieties of trees, amounting to a total of 534 trees, each contributing to the lush greenery and serene ambiance of our campus. This impressive biodiversity is a source of pride and a vital part of our efforts to maintain ecological balance. This handbook serves as a comprehensive guide to the various plants on our campus.

It provides detailed information on each plant species, including their names and counts. By documenting this rich variety, we aim to foster greater awareness and appreciation for the environment among our students, staff, and visitors.

At St. Joseph's College, we believe that education extends beyond the classroom. Our green initiatives are a vital part of our holistic approach to learning, teaching the values of conservation, sustainability, and respect for nature. We hope this handbook inspires you to explore, understand, and cherish the natural beauty that surrounds us.

Together, let us continue to nurture and protect our green haven, ensuring that it remains a source of inspiration and learning for generations to come.

MEDICINAL PLANTS

Our College Campus features a diverse collection of 48 medicinal plants, each contributing to our green initiatives and enhancing campus life. These plants offer a range of benefits, from improving air quality and supporting biodiversity to promoting overall health and wellness.

By incorporating these medicinal plants into our green spaces, we not only enrich the campus environment with vibrant greenery and pleasant aromas but also support ecological balance and sustainability. These plants play a crucial role in reducing reliance on synthetic products, aiding in natural pest control, and providing therapeutic benefits for our community.

Overall, our campus's medicinal plants embody our commitment to creating a healthier, more sustainable, and visually appealing environment. They offer practical and aesthetic value, contributing to both the ecological health and the well-being of everyone on campus.



AVACODA

Family : Lauraceae
Botanical : Persea americana



POLYALTHIA (ASHOKAMARAM)

Family : Annonaceae
Botanical : Saracaasoca



NONI

Family : Rubiaceae
Botanical : Morindacitrifolia



TECOMA

Family : Bignoniaceae
Botanical : Tecoma Stans



BUTTERFLY PALM

Family : Aracaceae Botanical
Botanical : Dypsislutescens



TREE JASMINE

Family : Millingtonia
Botanical : Millingtonia Hortensis



Eucalyptus
Family : Myrtaceae
Botanical : Eucalyptus



Thuja Accidentalis
Family : Cupressaceae
Botanical : Thuja Accidentalis



PAPAYA
Family : Caricaceae
Botanical : Caricapapaya



MEHANDI
Family : Loosestrife
Botanical : Lawsonia inermis



POMEGRANTE
Family : Lythraceae
Botanical : Punicagranatum



BAMBOO
Family : Poaceae
Botanical : Bambusavulgaris

MEDICINAL PLANT



Centella Asiatica - Vallarai
Family : Apiaceae



Coriandrum Sativum - Kothamalli
Family : Apiaceae



Centratherrun Punctatum - Kesavardhini
Family : Asteraceae



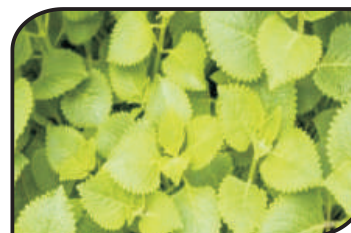
Costusigneus - Insulin Plant
Family : Lamiaceae



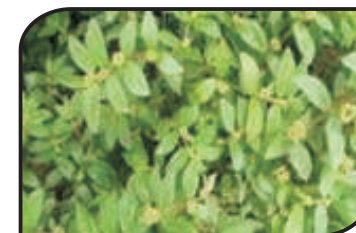
Cissus Quadrangularis - Pirandai
Family : Vitaceae



Ecliptaprostrata - Karisalankanni
Family : Asteraceae



Coleus Amboinicus - Karpooravalli
Family : Lamiaceae



Euphorbia Hirta - Amman Pacharisi
Family : Euphorbiaceae



Justicia Adhatoda - Adathoda
Family : **Acanthaceae**



Ocimumtenuiflorum - Holy Basil
Family : **Lamiaceae**



Mentha Piperita - Mint
Family : **Anacardiaceae**



Orthosiphon Stamineus - Cat's Whiskers
Family : **Lamiaceae**



Mentha Spicata - Spearmint
Family : **Maniaceae**



Phyla Nodiflora - Puduthala
Family : **Verbanaceae**



Ocimumbasilicum - Thai Basil
Family : **Lamiaceae**



Phyllanthus Niruri - Keezhanelli
Family : **Phyllanthaceae**



FICUS BENJAMINA (Weeping Fig)
Family : **Moraceae**
Botanical : **Ficus Benjaminia**



FICUS THONNINGII
Family : **Moraceae**
Botanical : **Ficus Thonningii**



FICUS INGENS
Family : **Moraceae**
Botanical : **Ficus Ingens**



FICUS RELIGIOSA
Family : **Moraceae**
Botanical : **Ficus Thonningii**



FICUS AURICULATO
Family : **Moraceae**
Botanical : **Ficus Aurchamiculata**



CASHEW
Family : **Anacardiaceae**
Botanical : **Anacardium Occidentale**



FICUS ELASTICA
Family : Moraceae
Botanical : Ficus Elastica



MANILA TAMARIND
Family : Fabaceae
Botanical : Pithecellobium dulce



AFRICAN TULIP TREE
Family : Bignoniaceae
Botanical : Spathodea Campanulata



PRIDE OF INDIA
Family : Lythraceae
Botanical : Lagerstroemia Speciosa



VITEX NEGUNDO
Family : Lamiaceae
Botanical : Vitex Negundo Linn



BAUHINIA VARIEGATA
Family : Rutaceae
Botanical : Aegle marmelos



Piper Betle - Betel Leaf
Family : Piperaceae



Piper Longum - Thippali
Family : Piperaceae



Ruta Chalepensis - Sathappu
Family : Rutaceae



Salvia Rosmarinus - Rosemary
Family : Lamiaceae



Solanum Nigrum - Manathakkali
Family : Solanaceae



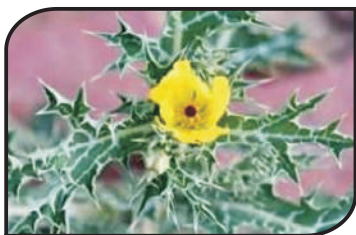
Solanum Trilobatum - Thoothuvalai
Family : Solanaceae



Tinospora Cordifolia- Seenthil Kodi
Family : Menispermaceae



Tridax Procumbens - Vettukayapoondur
Family : Asteraceae



Mexican Prickly Poppy - Vellai Kannankodi
Family : **papaveraceae**



Andrographis Paniculate - Nilavembu
Family : **Acanthaceae**



Stevia Rebaudiana
Family : **Asteraceae**



Solanum Virginianum - Kandagaththiri
Family : **Solanaceae**



Trichodesma Indicum - Marul
Family : **Boraginaceae**



Chrysopogon zizanioides - Vetiver
Family : **poaceae**



Hybanthus enneaspermus - Orithalthamari
Family : **Violaceae**



Leucas aspera - Thumbai
Family : **Lamiaceae**



SENNA SIAMEA
Family : **Caesalpiniaceae**
Botanical : Cassia arborea



MAGNOLIA CHAMPACA
Family : **Magnoliaceae**
Botanical : Magnolia champaca



MAHOGANY
Family : **Meliaceae**
Botanical : Swietenia macrophylla



SPANISH CHERRY
Family : **Sapotaceae**
Botanical : Mimusops elengi



BANANA
Family : **Musaceae**
Botanical : Musa paradisiaca Lin



QUEEN PALM
Family : **Arecaceae**
Botanical : Syagrus romanzoffiana



YELLOW FLAMETREE

Family : Fabaceae

Botanical : Peltophorum Pterocarpum



SANDAL WOOD

Family : Santalaceae

Botanical : Santalum



DELONIX REGIA

Family : Caesalpinioideas

Botanical : Fabaceae



AGATHI KEERAI

Family : Genus Sesbania

Botanical : Sesbaniagrandiflora



JAMAICA CHERRY TREE

Family : Muntingiaceae

Botanical : Muntingiacalabura



ACACIA

Family : Fabaceae

Botanical : Auriculiformis



Acalypha Indica : Kupai Meni

Family : Euphorbiaceae



Aloe Barbadensis - Aloe Vera

Family : Asphodelaceae



Alternanthera Sessilis - Ponnagannikeerai

Family : Amaranthaceae



Cardiospermum Halicacabum

- Mudakathan



Catharanthus Roseus - Sudukattumallikai

Family : Apocynaceae



Apocynaceae - Erukku

Family : Calotropis Procera



Hibiscus

Family : Malvaceae



Clitoria ternatea

Family : Fabaceae



Cucumis Maderaspatanus
Family : **Cucurbitaceae**



Strobilanthes alternata - Sri Lankan Shield
Family : **Acanthaceae**



Ipomoea Batatas - Sweet Potato
Family : **Convolvulaceae**



Cymbopogon nardus- Citronella grass
Family : **Poaceae**



INDIAN ROSEWOOD
Family : Fabaceae
Botanical : Dalbergia sissoo



CUBAN PINK TRUMPET
Family : Bignoniaceae
Botanical : Tabebuia pallida



JACARANDA
Family : Bignoniaceae
Botanical : Jacaranda mimosifolia



TABEBUIA ROSEA
Family : Bignoniaceae
Botanical : Tabebuia Rosea



PUNGA
Family : Fabaceae
Botanical : Milletia pinnata



COCONUT PALM
Family : Arecaceae
Botanical : Cocos nucifera



INDIAN ALMOND

Family : Combretaceae

Botanical : Terminalia



GUAVA

Family : Psidium Guajava

Botanical : Myrtaceae



TEAK

Family : Lamiacea

Botanical : Tectonagrandis



TAMARIND

Family : Fabaceae

Botanical : Tamarindusindica



NEEM

Family : Mahogany

Botanical : Azadirachta indica



PLUMERIA

Family : Apocynaceae

Botanical : Plumeria rubra



Manihot Esculenta - Maravallikkilanku

Family : Euphorbiaceae



Solanum Torvum - Sundaikkai

Family : Solanaceae



Mimosa Pudica

Family : Fabaceae



Kalanchoe pinnata

Family : Crassulaceae

ORNAMENTAL PLANTS

Ornamental plants are cultivated primarily for their aesthetic appeal rather than for food or other practical uses. They play a significant role in enhancing the beauty of gardens, landscapes, and indoor spaces. These plants include a wide variety of species, such as flowering plants, shrubs, trees, and grasses, each chosen for their unique colors, shapes, textures, and fragrances. Ornamental plants not only add visual interest but also contribute to the environment by improving air quality and providing habitats for wildlife. They are also used in public spaces, parks, and botanical gardens to create serene and attractive environments, reflecting cultural, regional, and personal tastes. The cultivation of ornamental plants is both an art and a science, involving careful selection, propagation, and maintenance to achieve desired aesthetic outcomes.



LEMON

Family : Rutaceae

Botanical : Citrus



STAR FRUIT

Family : Oxalidaceae

Botanical : Averrhoa carambola



CITRON

Family : Rutaceae

Botanical : Citrus Medica



FICUS CARICA

Family : Moraceae

Botanical : Ficus Carica



INDIAN JUJUBE

Family : Rhamnaceae

Botanical : Ziziphus Mauritiana



SAPOTA

Family : Sapotaceae

Botanical : Manilkara zapota



AMLA

Family : Phyllabtgaceae
Botanical : Phyllathuemblica



SILVER OAK

Family : Proteaceae
Botanical : Grevillearobusta



DRUMSTICK

Family : Moringaceae
Botanical : Moringaoleifera



Artabotrys

Family : Annonaceae
Botanical : Artabotryshexapetalus



PORTIA (Pooarasam)

Family : Malvaceae
Botanical : Thespesiapopulnea



MANGO

Family : Anacardiaceae
Botanical : Mangiferaindica

ORNAMENTAL PLANTS



Abefariya Ixora - Orange



Blue Lilly



Allamanda Cathartica (Yellow)



Butterfly Pea



Alternanthera



Cape Jasmine



Arrowhead Plant



Celosia Flower



Chrysanthemum



Clematis Flammula



Codiaeum Variegata



Crown of Thorns



Dracana Reflexa



Dracena Victoria



Duranta Erecta



Garden Croton



RAM SEETHA

Family : Annonaceae
Botanical : Annonareticulate



JACK FRUIT

Family : Moraceae
Botanical : Artocarpus Heterophyllus



MULLU SEETHA

Family : Annonaceae
Botanical : Annonamuricata



JAMUN TREE

Family : Myrtaceae
Botanical : Syzygiumcumini



SEETHA

Family : Annonaceae
Botanical : Annonasquamosa



GOOSE BERRY

Family : Phyllanthaceae
Botanical : Phyllanthusacidus

TREES

The college campus has total of 534 trees, creating a lush, green environment that enhances both the aesthetic and ecological value of the area. These trees, representing a diverse array of species, provide essential shade, improve air quality, and contribute to the overall well-being of students, faculty, and visitors. The presence of such a large number of trees also supports local biodiversity, offering habitats for various birds, insects, and other wildlife. The trees play a crucial role in creating a serene, natural atmosphere on campus, making it a pleasant place for study and relaxation. Their abundance not only reflects the college's commitment to sustainability and environmental stewardship but also serves as a living resource for educational purposes, particularly in biology and environmental science studies.



Gerbera



Jasmine



Gomphrena Globosa



Lemon Grass



Heliconia Psittacorum



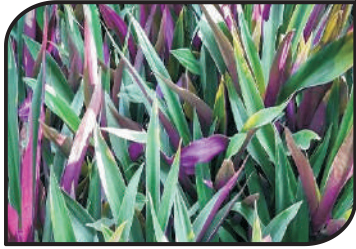
Lotus



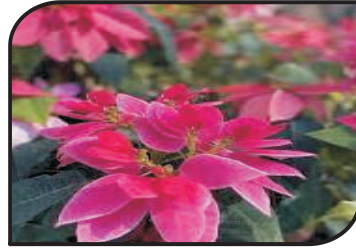
Hoya



Morning Glory



Moses in the Cradle



Poinsettia



Nephrolepis



Queen of Night Flower



Oleander Flower



Roses



Plumbago Zeylanica



Snake Plant



Kalanchoe brasiliensis



Crassula Ovata



Acalypha Copper



Orchids



Diffunvasia



Aglaonema



Malabar Spinach



Aglaonema Pink



Callisia Frafrans



Aglaonemadotted Pink



Poinsettia



Senecio Barbertonicus



Spider



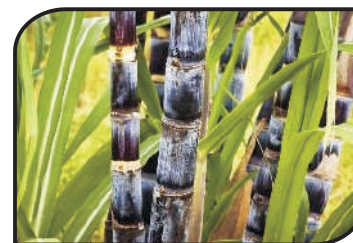
Thunbergia Erecta



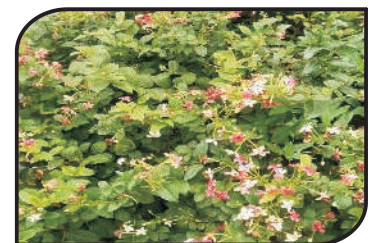
Spider Big



Thunbergia Fragans



Sugar Cane



Combretum Indicum



Tapioca



Asparagus Sprengerii

Greenhouse plants grown in pots are an essential aspect of controlled-environment horticulture, allowing for the cultivation of a wide variety of plants in conditions that optimize growth and health. These potted plants benefit from the stable temperatures, controlled humidity, and protection from harsh weather conditions that greenhouses provide. Greenhouse plants include everything from delicate orchids and vibrant ferns to exotic succulents and fruit-bearing plants. The portability of potted plants allows for flexibility in arrangement and care, making it easier to manage the specific needs of each plant. Greenhouses also enable year-round cultivation, ensuring that plants can thrive regardless of external climate conditions. This method is particularly beneficial for growing plants that require specific environmental conditions or that are sensitive to outdoor fluctuations, making greenhouses vital for both commercial growers and hobbyists.



Peace Lilly



Dracena



Anthurium



Anthurium Jungle Bush



Money Plant



Zamifolia



Neon Pothos



Kalanchoe Leatavirens