

**7.1.5 Green Campus initiatives include:****Institutional Green Policy****Patrician College of Arts and Science****Institutional Green Policy**

Since inception, the institution has believed in maintaining a green and healthy environment despite being located in the heart of the city. Every effort is taken to maintain carbon dioxide neutrality by planting trees and plants of different varieties to sustain an eco friendly campus. Its beautiful landscaping not only provides a pleasant learning environment for the students but also captures the attention of the visitors to the campus.

Some of the measures taken for a clean and eco friendly environment are :

- a. **Mode of transport:** Students are encouraged to use bicycles to commute to college. Separate parking space is provided for bicycles.
- b. **Plastic-free campus:** The management promotes plastic free campus. Various clubs of the college organize programs to create awareness on harmful effects of plastics.
- c. **Carbon neutral initiatives:** Emphasis is laid on paperless office to save carbon emission in printers. Reuse of one –side paper printouts is encouraged. Utilization of ERP software and ICT facilitates paperless administration. Samsung Tab is provided by the Management to all staff members to administer paperless communication and ICT for day to day administration. The college documents are maintained primarily in the form of soft copies.
- d. **Rainwater harvesting:** Recharge wells and Percolation pipes are installed for proper rain water accumulation and absorption.
- e. **Environmental Management:** The college promotes sound environmental management policies and practices by
  - Following the guidelines legislated by State and Central Government bodies.
  - Reducing and preventing pollution.
  - Adopting targets for improving environmental performance with a proper understanding of current environmental needs.

**Green Cover Management**

The college will initiate and promote activities that will facilitate a greater extend of green coverage. The Enviro Club of the college will be responsible for promotion and creating awareness on the need for green coverage in the campus.



**Carbon Management :** The college will ensure the reduction of greenhouse gas emissions and implement a carbon management strategy and use energy efficiently.

**Energy Management:** The college will ensure the consumption of low energy by installing LED bulbs and super fans.

**Water Management:** The College will ensure efficient and environmentally responsible use of water. Rain water is harvested and recycled water is used for maintaining green campus

**Waste Reduction and Recycling:** The College will ensure that Sustainable resource management practices, based on reduce, reuse and recycle principles is implemented. Efforts will be taken to minimise the adverse environmental impacts by proper disposal of paper waste and e-waste and use of environment – friendly cups / plates and glasses in the Cafeteria.

**Awareness and Training Programs:** The college will ensure that training programmes on environmental related issues to create awareness among students, faculty and the neighbouring community.

**Landscaping with trees and plants**

The college has rich biodiversity of the trees like following to name a few:

SL. NO	TREES & PLANTS	BOTANICAL NAME
1	Coconut Tree	Cocos Nucifera
2	Mango Tree	Mangifera Indica
3	Silver Oak	Silver Oak
4	Maghizam Tree	Mimusops Elengi
5	Tecoma (Golden Arali)	Tecoma Gaudichaudi
6	Mussanda	Mussanda
7	Papaya	Carica Papaya
8	Naval	Jamoon Tree (Syzygium Cumini)
9	Pungan Tree	Pongamia Glabra
10	Golden Bamboo	Phyllostachys Aurea
11	Badam Tree	Terminalia Catappa
12	Pritchardia Palm	Pritchardia Palm
13	Fig Tree	<i>Ficus Benjamina</i>
14	Neem Tree	Azadirachta Indica
15	Gulmohar	Delonix Regia
16	Tamarind Tree	Tamarindus Indica
17	Poovarasu Tree	Thespesia Populnea
18	Pisonia Alba	Pisonia Alba
19	Sterculia	Sterculia Foetida
20	Rain Tree	Samanea Saman
21	Tabebuia Rosea	Tabebuia Rosea
22	Christms Tree	Araucaria Cookii
23	Asoka Tree	Ashoka Pendula
24	Teak	Teak
25	Banana	Musa
26	Mahagani Tree	Mahagani
27	Acacia	Acacia Auriculiformis
28	Sapota	Manilkara Zapota
29	Gooseberry	Ribes Uva-Crispa
30	Gauva	Psidium Guajava
31	Royal Palm	Roystonea Regia
32	Piumeria	Plumeria Rubra
33	Bottle Brush	Callistemon
34	Iruvatchi	Jasminum
35	Foxtail Palm	Wodyetia Bifurcata
36	Sivankundalam	Kigelia Africana
37	Custard Apple	Annona Reticulata
38	Udiya Tree	Udiya
39	Spathodea	Spathodea Campanulata



SL. NO	TREES & PLANTS	BOTANICAL NAME
40	Kentia Palm	Howea Forsteriana
41	Jack Fruit	Artocarpus Heterophyllus
42	Sandal Wood	Santalum Album
43	Peltophorum	Peltophorum Pterocarpum
44	Curry Leaves	Murraya Koenigii
45	Adenium Obessum	Dogbanes
46	Nymphaea	Nymphaea Alba
47	Cockscomb	Amaranthaceae
48	Vinca Rosea	Apocynaceae
49	Lantana Camara	Lantana Aculeata
50	Celosia	Celosia Argentea
51	Reinwardtia Indica	Yellow Flax
52	Hibiscus	Hibiscus Rosa-Sinensis
<b>HERBS</b>		
53	Tulsi	Ocimum Tenuiflorum
54	Karpooravalli	Plectranthus Amboinicus
55	Keelanelli	Phyllanthus Niruri
56	Aloe Vera	Aloe Barbadensis
57	Vethalai Or Betal Leaves	Piper Betle

### Bicycles Parking Lot





### Green Landscapes of the Campus







**Lotus Pond beside A Block**





**Entrance to D- Block**







### Pedestrian Friendly Path









Plastic Free Campus



Tea served in steel glasses



Food Served in Steel Plates



## RENEWABLE ENERGY SOURCES

Aerial View – Solar panels



B Block Solar Panels



D Block Solar Panels





## Alternate source of energy and Use of LED Bulbs

