



M.C.E. Society's
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GREEN CAMPUS POLICY DOCUMENT



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Introduction

M.C.E. Society has initiated the environment and energy conservation project on 24 acre campus through the model of complete sustainability and a zone of ecological balance. We plan to achieve this by implementing the principles of sustainability on primarily three fronts, these being- Water, energy and solid waste. The better management of these three elements is a great start towards setting an example for rest of the world that ecological preservation and development can go hand in hand and are not mutually exclusive. The campus have achieved this on all three fronts by implementation of various sustainable technologies such as Rainwater Harvesting, solar Power Generation, Organic Waste Conversion, LED lighting etc. The ecological balance is achieved by the development of outdoor area of the campus through which a fresh water canal flows into a zone meant especially for environmental studies and its implementation at all levels, right from schools to post graduate and doctoral studies. This aspect also includes the implementation of artificial nesting throughout the campus to foster the lost habitat for birds in the area.

Policies

➤ **Restricted entry of automobiles:**

- Entry of the vehicles in some areas of the campus is restricted.
- Vehicles with loud noise are strictly prohibited in the campus.
- The college encourages its stakeholder's to use the public transport or bicycles frequently.

➤ **Pedestrian-friendly pathways:**

- In the campus roads are pedestrian friendly.
- Entry of the vehicles is prohibited in such areas.

➤ **Ban on the use of plastics:**

- The college is always committed towards plastic free campus.
- There is complete ban on the use of single use plastic in the campus.

➤ **Landscaping with trees and plants:**

- Campus has a medicinal plant nursery.
- Various species of the plants are available in the campus.
- Green galaxy is developed near the canal and artificial nests are placed to nourish the local habitat of birds.

- **Best out of Waste:** College shall encourage the students to create something new from the waste by organizing various competitions.
- **Paper Bag Workshop:** College shall organize a workshop for making of paper bags.
- **Tree Plantation Drive:** College shall organize tree plantation drives to create awareness of plants in students.

Geotagged Photographs



Restricted entry of automobiles



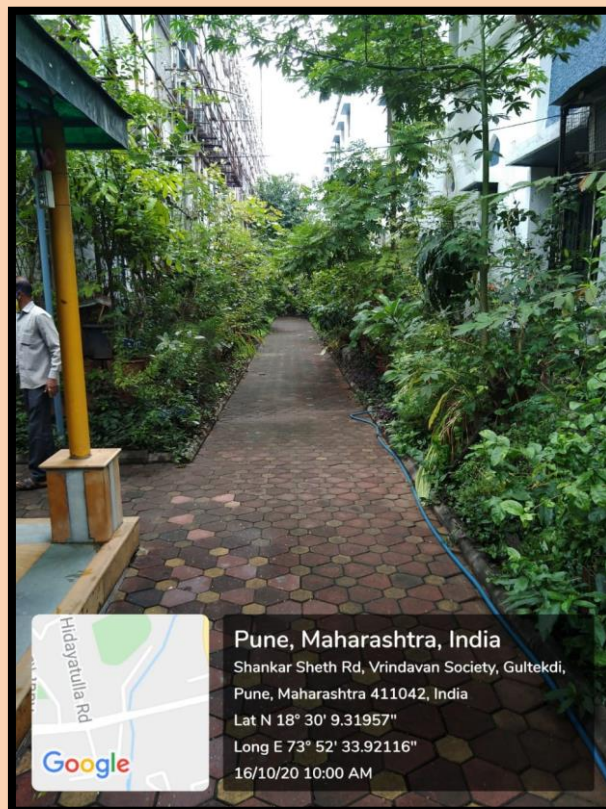
Pedestrian Friendly Pathways



Green Landscaping



Green plants in the campus



Nursery at Azam Campus



Best out of Waste Competition



Paper Bag Making Workshop

Plant Species in Azam Campus



Acacia auriculiformis



Acacia catechu



Astonia scholaris



Annona squamosa



Bauhinia purpurea



Bombax malabaricum



Adenanthera pavonina



Adenanthera pavonina



Araucaria heterophylla



Artocarpus heterophyllus



Callistemon citrinus



Calliandra haematocephala



Aegle marmelos



Albizia lebbek



Azadirachta indica



Brassia actinophylla



Caesalpinia pulcherrima



Cassia siamea



Caryota urens



Couroupita guianensis



Eucalyptus oblique



Ficus amplissima



Gmelina arborea



Grevillea robusta (silver oak)



Cordia sebestena



Dalbergia lanceolaria



Ficus benghalensis



Ficus benjamina



Glicidia septium



Hamelia patens



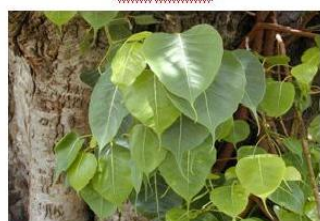
Delonix regia



Erythrina indica



Ficus racemosa



Ficus religiosa



Jacaranda acutifolia



Khaya senegalensis



Markhamia platycalyx



Nyctanthes arbor-tristis



Peltophorum pterocarpum



Roystonea regia



Sapindus trifoliatus (ritha)



Spathodea campanulata



Parkia biglandulosa



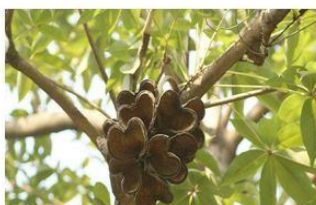
Pimenta dioica



Ravenala madagascariensis



Santalum album



Sterculia foetida



Tamarindus indica



Polyalthia longifolia



Pithecellobium dulce



Syzygium cumini



Samanea saman



Terminalia arjuna



Terminalia catappa



Markhamia platycalyx



Nyctanthes arbor-tristis



Peltophorum pterocarpum



Roystonea regia



Sapindus trifoliatus (ritha)



Spathodea campanulata



Parkia biglandulosa



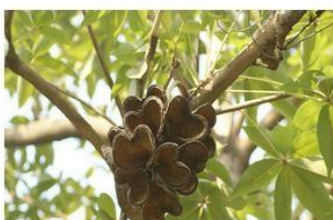
Pimenta dioica



Ravenala madagascariensis



Santalum album



Sterculia foetida



Tamarindus indica



Polyalthia longifolia



Pithecellobium dulce



Syzygium cumini



Samanea saman



Terminalia arjuna



Terminalia catappa



Plumeria rubra



Yucca aloifolia

Plant Species in Azam Campus

Sr. No.	Botanical Name	Family	Total Plants
1	<i>Acacia auriculiformis</i>	Mimosaceae	01
2	<i>Acacia catechu</i>	Fabaceae	01
3	<i>Adenanthera pavonina</i>	Fabaceae	01
4	<i>Aegle marmelos</i>	Rutaceae	01
5	<i>Albizia lebbeck</i>	Fabaceae	03
6	<i>Alstonia scholaris</i>	Apocynaceae	07
7	<i>Annona squamosa</i>	Annonaceae	01
8	<i>Araucaria heterophylla</i>	Araucariaceae	04
9	<i>Artocarpus heterophyllus</i>	Moraceae	01
10	<i>Azadirachta indica</i>	Meliaceae	34
11	<i>Bauhinia purpurea</i>	Caesalpiniaceae	04
12	<i>Bombax malabaricum</i>	Malvaceae	02
13	<i>Brassia actinophylla</i>	Araliaceae	01
14	<i>Caesalpinia pulcherrima</i>	Caesalpiniaceae	03
15	<i>Calliandra haematocephala</i>	Fabaceae	02
16	<i>Callistemon citrinus</i>	Myrtaceae	03
17	<i>Caryota urens</i>	Arecaceae	01
18	<i>Cassia siamea</i>	Caesalpiniaceae	05
19	<i>Cordia sebestena</i>	Boraginaceae	02
20	<i>Couroupita guianensis</i>	Lecythidaceae	01
21	<i>Delonix regia</i>	Caesalpiniaceae	25

Sr. No.	Botanical Name	Family	Total Plants
22	<i>Erythrina indica</i>	Fabaceae	04
23	<i>Eucalyptus obliqua</i>	Myrtaceae	04
24	<i>Ficus benghalensis</i>	Moraceae	11
25	<i>Ficus benjamina</i>	Moraceae	21
26	<i>Ficus infectoria</i>	Moraceae	01
27	<i>Ficus racemosa</i>	Moraceae	02
28	<i>Ficus religiosa</i>	Moraceae	05
29	<i>Gliricidia sepium</i>	Fabaceae	02
30	<i>Gmelina arborea</i>	Verbenaceae	03
31	<i>Grevillea robusta</i>	Proteaceae	26
32	<i>Hamelia patens</i>	Rubiaceae	01
33	<i>Jacaranda acutifolia</i> (<i>J. mimosifolia</i>)	Bignoniaceae	06
34	<i>Khaya senegalensis</i>	Meliaceae	03
35	<i>Leucaena latisiliqua</i> (<i>L. leucocephala</i>)	Mimosaceae	03
36	<i>Livistona sp.</i>	Arecaceae	05
37	<i>Mangifera indica</i>	Anacardiaceae	03
38	<i>Markhamia platycalyx</i>	Bignoniaceae	01
39	<i>Melia azedarach</i>	Meliaceae	02
40	<i>Millingtonia hortensis</i>	Bignoniaceae	31
41	<i>Morus alba</i>	Moraceae	06
42	<i>Muntingia calabura</i>	Tiliaceae	03
43	<i>Nyctanthes arbor-tristis</i>	Oleaceae	21
44	<i>Parkia biglandulosa</i>	Fabaceae	11
45	<i>Peltophorum pterocarpum</i> (<i>P. ferrugineum</i>)	Caesalpiniaceae	45

Sr. No.	Botanical Name	Family	Total Plants
46	<i>Pimenta dioica</i>	<i>Myrtaceae</i>	01
47	<i>Pithecellobium dulce</i>	<i>Fabaceae</i>	01
48	<i>Plumeria rubra</i>	<i>Apocynaceae</i>	04
49	<i>Polyalthia longifolia</i>	<i>Annonaceae</i>	42
50	<i>Pongamia glabra</i>	<i>Fabaceae</i>	02
51	<i>Ravenala madagascariensis</i>	<i>Strelitziaceae</i>	01
52	<i>Roystonea regia</i>	<i>Arecaceae</i> (<i>Palmeae</i>)	28
53	<i>Samanea saman</i>	<i>Fabaceae</i>	21
54	<i>Santalum album</i>	<i>Santalaceae</i>	03
55	<i>Sapindus trifoliatus</i>	<i>Sapindaceae</i>	03
56	<i>Spathodea campanulata</i>	<i>Bignoniaceae</i>	12
57	<i>Sterculia foetida</i>	<i>Malvaceae</i>	01
58	<i>Syzygium cumini</i>	<i>Myrtaceae</i>	01
59	<i>Tamarindus indica</i>	<i>Fabaceae</i>	01
60	<i>Terminalia arjuna</i>	<i>Combretaceae</i>	01
61	<i>Terminalia catappa</i>	<i>Combretaceae</i>	02
62	<i>Yucca aloifolia</i>	<i>Agavaceae</i>	02
Total			449