

Sustainable Gardening: Water-Conscious Planting

Considering the infrastructure and buildings of Shoolini University, the University has a very successful model for landscape plantations along with the drought-tolerant plants for water conservation. The plantation in the university not only provides beauty to the campus but also helps intercept rainfall in the foliage, which prevents water runoff, absorbing and filtering water that infiltrates into the soil. The plantation in the university also helps in increasing the groundwater level. In recent times, climate change concerns, unpredictable droughts, and high energy prices across the country are the major issues and nearly everyone is looking for ways to conserve resources and cut costs. A simple step to conserve water usage in your landscape is to select drought-tolerant plants. Hence, in this regard, Shoolini has a plantation of drought-tolerant plants to reduce the usage of water and to support water conservation. Among these plants, even some of the thrifty plants use less water but still provide beauty and function in the landscape. Images of the drought-tolerant plants with landscape plantations at the various places of the university are provided.

Flora in and around Shoolini University		
Plants in Shoolini University		
Native Plants		
Sr. No.	Name of Plants	Quantity
1	<i>Pinus roxbarghii</i>	More then 400
2	<i>Rahus coutinus</i>	2
3	<i>Toona Ciliata</i>	40
4	<i>Grewia Optiva</i>	10
5	<i>Grewia Subimusqualis</i>	37
6	<i>Baeuhinia monandra</i>	30
7	<i>Celtis Tetrandra</i>	5
8	<i>Erythrina Stricta</i>	3
9	<i>Syzygium Cumini</i>	1 more than 150 years
10	<i>Sapindus Muskorossi</i>	2
11	<i>Pyrus Pashia</i>	22

Tree Special - Collected and Planted in Campus

Sr. No.	Name Plant	Quantity
1	<i>Legerstromia Turbinata</i>	5
2	<i>Laurus nobilis</i>	1
3	<i>Legerstromia Tomintosa</i>	3
4	<i>Legerstromia Speciosa</i>	2
5	<i>Legerstromia Floribunda</i>	35
6	<i>Koelreuteria Paniculata</i>	365
7	<i>Jacaranda Acutifolia</i>	45
8	<i>Juniperus Chinesis</i>	19
9	<i>Juniperus Communis</i>	9
10	<i>Juniperus Macropeda</i>	16
11	<i>Juniperus Barmudiana</i>	43
12	<i>Gigantochloa Rostrata</i>	2
13	<i>Embelia Officinalis</i>	1
14	<i>Elaeocarpus Ganitrus</i>	6
15	<i>Dandrocalmus Sprictus</i>	2 Groves
16	<i>Cryptomeria Japonica</i>	2
17	<i>Camellia Japonica</i>	14
18	<i>Callistemon Viminalis</i>	3
19	<i>Bambusa Vulgaris</i>	3 Groves
20	<i>Melaleucabracteata</i>	47
21	<i>Grevillea robusta</i>	67
22	<i>Bambusa Striata</i>	17 Groves
23	<i>Bambusa Wamin</i>	20 Groves
24	<i>Bambusa Oliveriana</i>	7 Groves

25	<i>Bambusa Atra</i>	3 Groves
26	<i>Areucaria Columnaris</i>	8 Groves
27	<i>Cidrus Deodara</i>	8000
28	<i>Ficus Bengalensis</i>	7
29	<i>Ficus Cariaca</i>	2
30	<i>Ficus Elastica</i>	4
31	<i>Ginkobilboa</i>	2
32	<i>Grewia Tiliefolia</i>	19
33	<i>Peltophorum</i>	73
34	<i>Pinus Sylvesteris</i>	1
35	<i>Quercus Leucrichora</i>	1000
36	<i>Podocarpus</i>	18
37	<i>Myrica Esuculenta</i>	45
38	<i>Rohododendrone</i>	37
39	<i>Salixbabylonica</i>	32
40	<i>Eriobotry Japonica</i>	5
41	<i>Prunus Crasoides</i>	16
42	<i>Magnolia Grandiflora</i>	2
43	<i>Platanus Orientalis</i>	26

44	<i>Aesculus Hippocastanun</i>	64
45	<i>Populus Ciliata</i>	39
46	<i>Ficus Relegious</i>	11
47	<i>Punica Granatum</i>	5000







