

INVERTIS UNIVERSITY, BAREILLY

7.1.5.5. Brief Analysis on Landscaping with trees and plants

Invertis University is situated in the outskirts of the city surrounded with greenery. The campus has diverse variety of tree categories playing significant role in making the environment clean. Modern style campus with construction standards belong to IS Code provide the most conducive atmosphere for learning and research. A rich variety of flora and fauna predominates the natural landscape of the campus.

The campus has the area of 53.61 acres and the built up area is 55916 sq.mts. 1,61,035 sq. mts. area of the campus is beautifully landscaped with lush green trees and plants. Trees come alongside a plethora of benefits, not only to the environment but also us, as humans. They are proven to improve overall health and well-being, making it more important than ever to utilise the natural resource to our advantage.

While we do not reach temperatures as high as overseas, it can still prove tricky to cool down during the warmer months. Trees are in full bloom in the summer, which creates the perfect shaded spot for the students that prefer a cooler environment away from the sunshine while remaining outdoors.

Trees have proven air-purification properties, which are capable of absorbing harmful gases such as volatile organic compounds (VOCs), along with the traditional carbon dioxide. Herbal plants, fruit bearing trees, flowering plants and ornamental plants have been planted throughout the campus not only to add beauty but also to aid in cleaning the atmosphere. Medicinal plants, saplings of fruit bearing trees, ornamental plants are arranged from nurseries for raising new plantation or enrichment of existing green areas in different locations of the campus.

SL. NO.	Location from place A to B
1.	Main Gate to Admin Office
2.	Academic Block 1 to Academic Block 2
3.	Academic Block 2 to Academic Block 3
4.	Boundary Wall; backside Of Academic Block 3 i.e.. Cricket And Football Ground)


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5.	Admin Office to Computer Centre
6.	Computer Centre to Workshop
7.	Workshop to Auditorium
8.	Faculty Quarters
9.	Guest House
10.	Mess to Hostels (Boys And Girls)

Species of trees planted at Invertis University that can combat pollution:

S.No.	Species	
	Vernacular Names	Botanical Names
1.	Pilkhan	<i>Ficus virens</i>
2.	Peepal	<i>Ficus religiosa</i>
3.	Bargad	<i>Ficus bengalensis</i>
4.	Gular	<i>Ficus glomerata</i>
6.	Arjun	<i>Terminalia arjuna</i>
7.	Jamun	<i>Syzygium cumini</i>
8.	Neem	<i>Azadirachta indica</i>
9.	Gundani	<i>Cordia ghara</i>
10.	Baheda	<i>Terminalia bellerica</i>
11.	Lasoor	<i>Cordia mixa</i>
12.	Mango	<i>Mangifera indica</i>
13.	Jungle Jalebi	<i>Pithecellobium dulce</i>
16.	Bakayan	<i>Melia azadirach</i>
17.	Meetha Neem/ Curry patta	<i>Murraya koenigii</i>
18.	Khirmi	<i>Manilkara hexandra</i>
19	Dhak	<i>Butea monosperma</i>

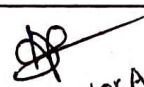
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20	Harad	<i>Terminalia chebula</i>
21	Bael Patra -	<i>Aegle Marmelos</i>

Flowering plants planted in Invertis University:

S.No.	Species	
	Vernacular Names	Botanical Names
1.	Amaltas	<i>Cassia fistula</i>
2.	Gulmohar	<i>Delonix regia</i>
3.	Semul	<i>Bombax ceiba</i>
4.	Indian coral tree	<i>Erythrina variegata</i>
5.	Ashoka	<i>Saraca asoca</i>
6.	Jacaranda	<i>Jacaranda mimosifolia</i>
7.	Tichoma gorichori	<i>Tecoma stans</i>
8.	Anar	<i>Punica granatum</i>
9.	Knakchampa	<i>Pterospermum acerifolium</i>
10.	Rainbow shower tree	<i>Cassio nodosa</i>
11.	Mahuwa	<i>Madhuca longifolia</i>
12.	cassio renigers	
13.	Champa	<i>Magnolia champaca</i>
14.	Kassod	<i>Cassia siamea</i>
15.	Kareel	<i>Diospyros cordifolia</i>
16.	Roheda	<i>Tecomella undulata</i>
17.	Sonjna	<i>Moringa concanensis</i>
18.	Kadamb	<i>Mitragyna parviflora</i>
19.	Jhinjheri	<i>Bauhinia racemos</i>
20.	Caper tree	<i>Capparis spinosa</i>
21.	Queen Flower	<i>Lagerstroemia flos reginae</i>


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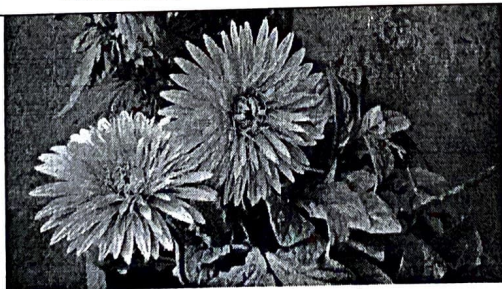
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22.	Harshingar	<i>Nyctanthes arbor-tristis</i>
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Species of Shrubs planted at Invertis University:

S.No.	Species	
	Vernacular Names	Botanical Names
1.	Aegelia (Rhododendron)	
2.	White orchid-tree	<i>Bahunia acuminata</i>
3.	Bougainvillea	<i>Bougainvillea glabra</i>
4.	Hibiscus	<i>Hibiscus syriacus</i>
5.	Kaner	<i>Nerium oleander</i>
6.	Chandini	<i>Tabernaemontana divaricata</i>

Photo Gallery of variety of trees and plants




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