

Newsletter

“Seeds of change”

Upon the establishment of Gamuda Parks in 2018, we embarked with an ideal: that landscape architecture transcends mere design. We understand the importance of creating spaces that are not only aesthetically pleasing but also ecologically sound.



329,700
trees planted across Gamuda Land townships

Designing for all

As we evolve, Gamuda Parks expands our expertise in landscape architecture to include horticulture, arboriculture, and ecology. Our commitment has allowed us to elevate our parks from recreational areas to ecological havens. By consciously designing our parks to support natural processes, we can create resilient ecosystems that benefit both people and the environment.

612,000
trees & saplings procured under Advanced Tree Planting programme

As of today, we have planted 379,000 trees in our townships and procured 612,000 trees and saplings in our nursery, creating mini urban forests within our townships using the Miyawaki Technique.

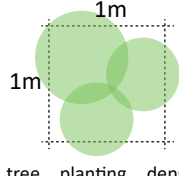


100x
more
biodiverse

Miyawaki technique



The urban forest concept is based on the Miyawaki technique, pioneered by Japanese botanist Akira Miyawaki. This technique aims to build dense native forests, ensuring that growth is 10 times faster and 30 times denser than usual by practicing close planting density, mimicking the conditions under which forests thrive.



The tree planting density, as observed from top view, indicates that 3 trees are planted within 1m2.

10x
faster

30x
denser

30x
better
co2 absorption



close to
1,000
participants
contributed in the Tree
Planting Programme

We invite the community, residents, and university students to join our #OneMillionTree movement. Public participation in tree-planting programs raises awareness of climate change and carbon reduction among participants.



More than just number

Our focus on #OneMillionTrees, an initiative by Gamuda Parks extends beyond quantity; it's about the quality of our efforts. We take a proactive approach by conducting biodiversity audits and tree assessment surveys before any development takes place. This strategic planning ensures that we select and plant the right species, plant species with conservation importance, and able to attract the return of birds to their original habitats.

Biodiversity study

We conducted 12 biodiversity studies and will continue to revisit the site every 2 or 3 years to monitor progress. In the case of Gamuda Gardens, there has been an increase in biodiversity compared to the findings from the study conducted in 2018, as observed in the 2023 study.

Biodiversity progress in Gamuda Gardens

(from biodiversity findings between 2018 vs 2023)

+200%
overall species
diversity

+5%
bird
species

+92%
insect
species

A picture illustrating the evolution of Miyawaki tree planting, showcasing the maturity of the trees over 15 years in Horizon Hills.

2008
Horizon Hills



2023
Horizon Hills



Canopy cover

The dense and multilayered structure of a Miyawaki forest provides extensive canopy cover. This shade reduces the direct exposure of the ground to sunlight, resulting in lower ground temperatures. This can lead to cooler microclimates within and around the forested area.

Below are observation of temperature done at different areas of Gamuda Gardens.



stay tuned for more updates...