

Now corporates splurge on Miyawaki urban forests no longer civic preserve

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MIYAWAKI TECHNIQUE

Miyawaki is a method developed by Japanese botanist Akira Miyawaki to develop dense forests in constrained areas

10X 
The technique ensures that plant growth is 10 times faster

30X 
The resulting plantation is 30 times denser than usual

30% Percentage of absorption of carbon dioxide over conventional forests

3,000%
Increase in noise & dust isolation

1 metre
Guaranteed annual growth in each tree planted

Green cover is free of chemical fertilizers



Urban forest characteristics
Planting density |

2-7 plants per sq metre

Density after stabilization |

0.5-2.5 trees per sq metre

Survival rate | **Up to 90%**

CITY'S MIYAWAKI FORESTS

70 small forests across the city set up by BMC, over a dozen corporates and several NGOs

4.5L trees estimated to have been planted at these places as part of the initiative

Main spots:

Colaba Woods | 7,000 sq metre forest with 22,000 trees under CSR

Marve-Malad | A 2,500 sq metre forest set up in front of main campus of INS Hamla in 2020

Sewri | MMRDA setting up MTHL green corridor

Willingdon Club | Over 7,000 trees planted at the Mahalaxmi club

Others | M&M at Jogeshwari; **Chalet Hotels** at Marol; the latest is **SBI Caps** at Deonar

“ Every month we get at least four to five requests for land for plantation, but now we are running out of places to offer for Miyawaki forests

Jitendra Pardeshi | SUPERINTENDENT OF GARDENS, BMC