

“MADHUBAN”-An Urban forest based on MIYAWAKI concept is developed in Mandala region of Anushaktingaar .The foundation stone for which was laid by Hon“ble Chairman AEC , on December 5, 2020 in the presence of Director BARC & Director DCSEM.

To limit climate change catastrophe, dense urban forests are the answer.

Urban forest is a Collection of trees that grow within a city and includes woody plant vegetation growing in and around human settlements.

Miyawaki: It is a unique method to create an urban forest pioneered by Japanese botanist Akira Miyawaki. Native species are closely planted so that the greens receive sunlight only from the top and grow upwards than sideways.

Trees grow many times faster, better noise and dust reduction, additional green surface area, better Carbon-dioxide absorption and much more bio diverse as compared to a mono culture plantation. So we get a 100 year old forest in just 10 years.

About“MADHUBAN”

Planted local & Medical species, 3.5 Plants per sq.m., No. of trees – 2400, No. of Species – 38, Max Height of Tree – 25 Feet, Area of Plantation – 1000 Sq.m., Total Area- 1750 sq.m.

BARC developed Hydrogel used to save water, no Chemical fertilizer used. Biomass comprising of sweet earth, coco peat, rice husk, compost and cow urine, jaggery, cowdung, rice straw micro-organism etc. are used for plantations.

Provision for Forest Walk & space for recreation.

