

# Nature Interaction Centre, Shamshabad, Telangana

**Need of the Project:** The Nature Interaction Centre at Tondupally Venture Park, Shamshabad, Telangana, arose from the pressing need to address environmental degradation, dwindling biodiversity, and urban disconnect from nature. With rapid urbanization encroaching upon natural habitats, the project aims to counteract these negative trends by creating a sanctuary that enhances green cover, conserves biodiversity, and fosters a deeper connection between communities and their natural surroundings.



**Project Activities:** The project activities encompass a diverse range of interventions aimed at conservation, biodiversity promotion, and education:

- Creation of Miyawaki Forest utilizing indigenous tree species.
- Establishment of Sacred Groves to preserve cultural and ecological heritage.
- Plantation of Native Flowering Trees to attract pollinators and enhance biodiversity.
- Development of a State Tree Gallery representing each Indian state.
- Establishment of a Bamboo Arboretum to showcase the versatility and sustainability of bamboo.
- Formation of Colorful Native Tree Clusters for aesthetic appeal and ecological diversity.
- Setting up Rare and Endangered Tree Species Bank for conservation efforts.
- Creation of Unique Medicinal Tree Cluster to highlight traditional medicinal knowledge.
- Development of various pathways for visitors to explore and engage with nature.

## Project Impact:

- Enhanced green cover and air quality.
- Protection and conservation of local biodiversity.
- Promotion of urban biodiversity and wildlife habitat creation.
- Educational opportunities to raise environmental awareness.
- Improved mental well-being through nature connection.
- Positive community engagement and support for environmental initiatives.

