Government of Andhra Pradesh
Environment, Forest, Science and Technology Department

WORLD ENVIRONMENT DAY - 2026

Certificate of Appreciation

This certificate is proudly presented to

Master TATA MAITHRINATH

Class XII (CBSE), Delhi Public School, Vijayawada, Andhra Pradesh

In grateful recognition of your outstanding innovation, creativity and dedication in designing and developing **BioNexus**, a non-invasive IoT wearable system for the continuous, real-time monitoring of **heart rate, body temperature, blood oxygen level and physical movement** in wildlife kept in zoos and sanctuaries. Your device learns each animal's individual health baseline and can detect fever spikes, sudden drops in heart rate or abnormal lethargy **up to 12 hours before visible symptoms appear**, enabling proactive and preventive veterinary care.

Your work offers a stress-free alternative to physical capture and chemical immobilisation, and makes a valuable contribution to wildlife conservation and animal welfare in Andhra Pradesh and across India.

Date: 05.06.2026
Place: Vijayawada

Principal Secretary to Govt., E & F Dept.
A.P. Secretariat, Velagapudi - 522238.
05 JUN 2026
No.....

Sri Kantilal Dande I.A.S.,
Principal Secretary to Govt.,
Environment, Forest, Science and Technology Department,
Government of Andhra Pradesh

Principal Secretary to Government
Environment & Forests Department
Government of Andhra Pradesh
A.P. Secretariat, Velagapudi.
Amaravati-522 238.