



### Development of other Infrastructure

- A horticulture wing covering 1.6 acres was established to achieve self-sufficiency in plant production for landscaping and enclosure enrichment.
- Designs and estimates have been finalized for construction of a new administrative building, for which a Government PSU has been engaged through a transparent EoI-cum-RFP process.
- Completed the construction works of two water storage tanks of 20000 and 200000 litres, to meet the water requirement for the park.

### Development of State Botanical Garden

- Developed one new Nursery at the State Botanical Garden, with modern facilities including a playhouse, fan pad house, agro net houses, seasonal beds, hydrophyte unit, mother beds of indigenous and exotic plants and a stock yard, strengthening plant conservation, propagation and year-round supply of quality planting material for landscape development and biodiversity conservation.
- The Forest Rest House and Administrative Building at the State Botanical Garden were renovated.
- Various gardens, including the Rose Garden, Arboretum, Heritage Garden and Evolution Garden, were renovated and regularly maintained.
- A total of 166 awards were won in different national and state-level flower and garden shows.



### Habitat Management

- De-weeding of Kanjia Lake and Kiakan Lake was completed to restore and improve the lake ecosystems.
- Initiatives such as "Ek Ped Maa Ke Naam" and "Van Mahotsav" actively involved visitors and staff in tree plantation activities.
- Construction of a 3.1 km drainage outlet for Kanjia Lake is underway with support from the Special Relief Commissioner, Odisha, to improve the lake ecosystem and mitigate flooding in Nandankanan and surrounding areas.



## HIGHLIGHTS of NANDANKANAN BIOLOGICAL PARK 2025



### Animal Collection & Animal Housing

- Nandankanan currently houses 4,110 animals of 177 species as on 25.12.2025, making it the largest animal collection among Indian zoos.
- Through an animal exchange programme with Dr. Shyamaprasad Mukherjee Zoological Garden, Surat, Gujarat, Nandankanan Zoological Park acquired 19 animals of four species, including Smooth-coated Otters, reintroducing this species to the park after a gap of 25 years.
- Nine new naturalistic enclosures were developed under the "Serene Simlipal" theme for Ratel, Sloth Bear, Smooth-coated Otter, Common Palm Civet, Small Indian Civet, Jungle Cat, Leopard Cat, Fishing Cat and Leopard to ensure improved animal welfare and an engaging visitor experience.
- Ten new enclosures were created under the "North East Panorama" theme to exhibit unique fauna such as Pig-tailed Macaque, Assamese Macaque, Stump-tailed Macaque, Himalayan Griffon, Hoolock Gibbon, Manipuri Deer, Himalayan Black Bear, Greater Adjutant Stork, Hog Deer and Asian Brown Tortoise.
- Two new quarantine facilities were established, comprising a 1,950 sq m herbivore unit with six enclosures and a 1,026 sq m reptile unit with fourteen specialized enclosures.
- The existing aquarium was upgraded with new thematic display tanks, enhancing the collection to 117 fish species.
- Designs and estimates have been finalized for the creation of a multi-level walk-through aviary and cheetah enclosures, for which two Government PSUs have been engaged through a transparent EoI-cum-RFP process.
- Service road network has been developed within the North East Panorama and Leopard enclosure complex to improve operational efficiency and visitor circulation.





### Animal Health & Veterinary Care

- Advanced veterinary equipment including an high end microscope, 188 orthopedic surgical instruments, Dan-Inject blow pipe, Pneudart G-2 X-caliber gun, ultrasound table and therapy unit, oxygen concentrators (5L and 10L), and electric hydraulic operation tables were procured for the zoo veterinary hospital.
- Two veterinary doctors and one livestock assistant were additionally engaged to strengthen veterinary services.
- Training on "Wildlife health and diseases control with emphasis on wild elephant treatment" was provided to 120 veterinary officers of the F&ARD Department in six batches at Nandankanan Zoological Park.
- Several notable healthcare achievements were recorded during the year, including hand-rearing of a chimpanzee baby and successful surgical management of dystocia in a four-horned antelope.
- A total of 109 veterinary supportive camps were conducted in fringe villages of Nandankanan, and 32 wildlife rescue cases were attended to in the neighbouring forest areas.



### Human Resources, Capacity Building and Staff Welfare

- Eight staff members attended eight different workshops and training programmes within the state and outside the state.
- A two-day health camp for zoonotic disease screening was organized at Nandankanan Zoological Park in collaboration with the CDMO, Khordha, benefiting 370 staff members.
- The Nandankanan Sports Meet was organized on 27.01.2025, with participation of 252 staff members.

### Rescue and Rehabilitation

- Treatment was provided to 45 rescued animals received from different parts of Odisha during the year.
- Twenty-seven wildlife rescue and rehabilitation cases were attended by the Nandankanan team in the wild across different parts of the state.
- A Quick Response Team was formed under the project "Species Recovery of Gharial in River Mahanadi" to ensure prompt action during emergency situations.



### Visitor Footfall and Enhancement of Amenities

- During the year, the Zoo attracted 38.56 lakhs visitors and generated a total revenue of Rs 23.37 crores as on 25/12/2025.
- Visitor pathways and visitor roads extending over 800 m, along with 12 viewing shelters, were developed in the North East Panorama thematic area.
- The visitor pathway from Children Park to the Open Leopard enclosure site, spanning over 200 m, was upgraded to enhance accessibility and visitor comfort.
- New navigational signages were installed at key locations to facilitate smooth visitor circulation and movement.
- The toilet block at Aquarium Square was renovated and upgraded to improve hygiene standards and visitor convenience.
- Toy train and boating services were resumed, offering visitors engaging recreational experiences.
- Comprehensive landscaping and beautification works were undertaken at Fountain Square, North East Panorama, Small Cat Complex and various patches under the Serene Simlipal theme to enhance the overall aesthetic appeal of the park.



### Conservation Breeding and Research

- Three Royal Bengal Tiger cubs, including one white tiger, and two mouse deer were born under conservation breeding programmes.
- A total of 14 gharial hatchlings were successfully hatched at the gharial pool.
- Seven gharials were released into the River Mahanadi under the "Species Recovery of Gharial in River Mahanadi" Project, fitted with VHF and satellite transmitters, along with strengthened protection measures, community awareness programmes, and river physiography surveys of the Mahanadi and Tel rivers for alternate habitat assessment.
- A total of 28 individuals belonging to seven endangered species (Manipuri deer, Mouse deer, Asiatic lion, Chimpanzee, Tiger, Gharial & Hog deer) were born during the year.
- The Centre for Conservation Research and Training was established with state-of-the-art diagnostic, analytical and preservation facilities, including dedicated microbiology, histology, endocrinology and bio-banking units, to support conservation-oriented research, training and long-term biological sample preservation.
- A total of 107 diagnostic tests were conducted, including 26 Antibiotic Sensitivity Tests, 50 RT-PCR tests for Mycobacterium tuberculosis, 18 RT-PCR tests for Newcastle Disease Virus, and 13 molecular sex identification tests for monomorphic birds, along with testing of 207 water samples for fecal coliform, E. coli, cholera, Salmonella, Citrobacter, Pseudomonas and Enterobacter.
- One Senior Research Fellow, One Junior Research Fellow and an Embryologist were engaged to support research activities at the Centre for Conservation and Research & Training



### Education and Outreach

- One Day at Nandankanan' programmes for schools and colleges were organized for 65 batches, benefiting 7,300 students.
- Zoo outreach programmes were conducted in 22 schools, with participation of about 2,500 students.
- Zoo Ambassadors were selected from 71 schools across Odisha, and orientation programmes were conducted in two batches, effectively engaging them in wildlife awareness activities among school children.
- A total of 121 zoo volunteers contributed their time and effort to support various activities at Nandankanan Zoological Park.
- Fourteen interns successfully completed their internships during 2025.
- Under the Citizen Science Programme, 54 bird walks, 50 tree walks, 17 moth watching sessions, 14 herping trails, 14 butterfly walks and 40 nature trails were conducted, along with special initiatives such as Raja Bird Walk, Women's Bird Walk and Budding Birders to engage the public in wildlife conservation.

