



ANNUAL REPORT 2020-21



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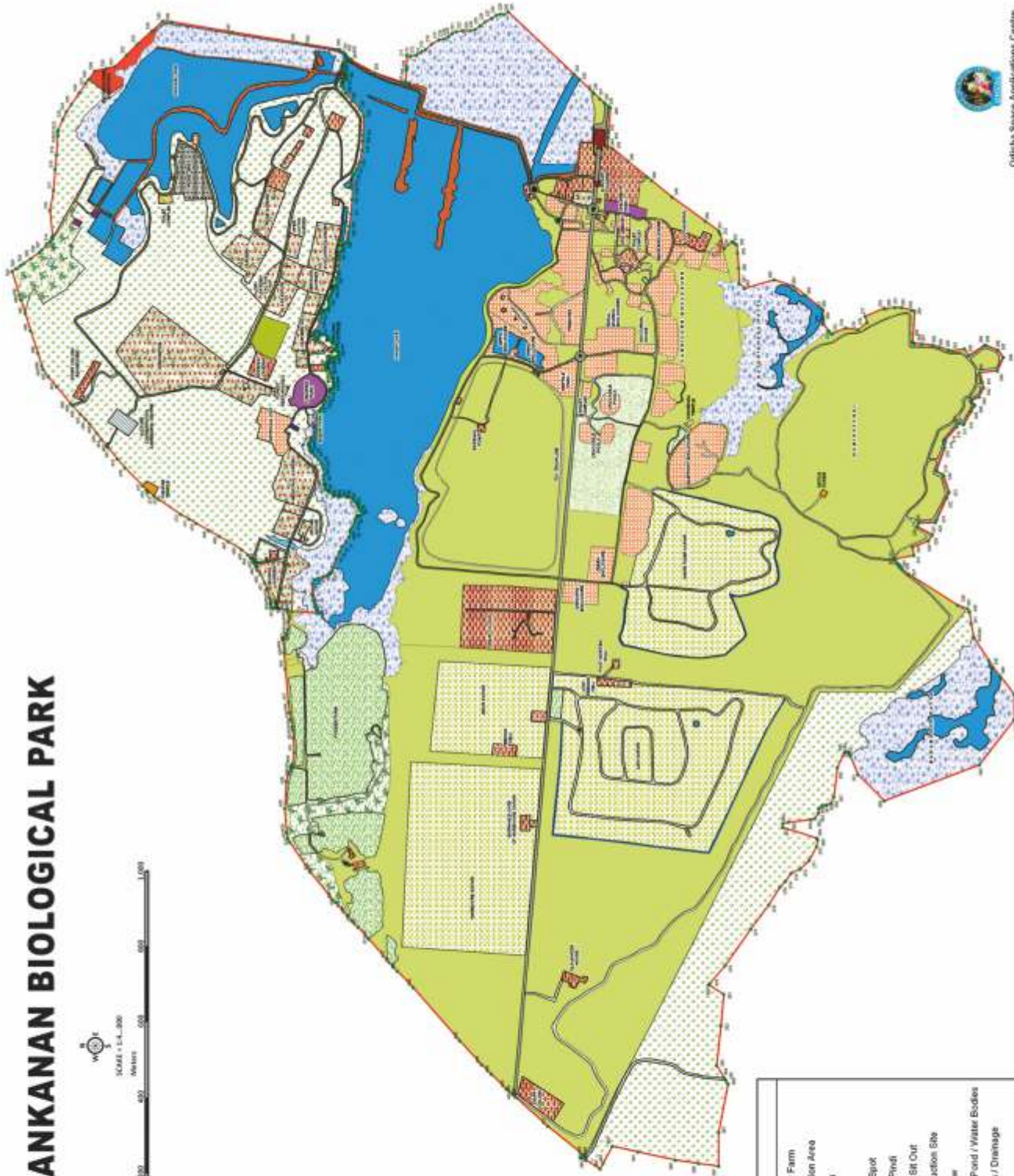
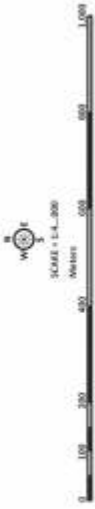
Member of



World Association of Zoos
and Aquariums (WAZA)



MAP OF NANDANKANAN BIOLOGICAL PARK



LEGEND

Build Up Area	Fodder Farm
Encroached Habitation	Plantation Area
Demolished House	Garden
Pump House	Park
Water Tank	Picnic Spot
Islet Complex	Picnic Point
Major Road	Tourist Bit Out
Other Road	Construction Site
Round About	Meadow
Toy Train Line	Lake / Pond / Water Bodies
Gate	Stream / Drainage
Enclosure (Animal / Bird)	Bridge
Safari Area	Marshy / Swampy Area
Safari Boundary	Embankment
Zoo Area	Temple
Sanctuary Area	

Source : WorldBank - 2, May-2001



Odisha Space Applications Centre
Bhubaneswar



ANNUAL REPORT 2020-21



NANDANKANAN BIOLOGICAL PARK
BHUBANESWAR



PHOTOGRAPHS

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FROM THE DIRECTOR'S DESK

Dr. Manoj V. Nair, IFS
Director, Nandankanan Biological Park

Nandankanan Zoological Park has its humble beginning on 29th December 1960 as the first zoo of the State. Over the years, with its unique amalgamation of ex-situ and in-situ initiatives, Nandankanan has emerged as a pre-eminent centre for biodiversity conservation and environmental education in the country. It has gradually evolved over time with significant improvements in providing the highest standards in housing, husbandry and health care to its inmates and also a fascinating learning experience to its visitors. It was the first zoo of the country to be a member of the World Association of Zoos and Aquariums (WAZA) in 2009.

Nandankanan, true to its name, is verily a heavenly forest of Gods and its salubrious surroundings are a treat to the eye. Apart from the verdant environs of the zoo, there are two important wetlands here namely Kanjia lake spread over 66 ha and Kiakani lake spread over 25 ha. The former was listed as a Wetland of National importance in 2006 based on its rich biodiversity and important role in wetland education. Nestled alongside the lakes is the State Botanical Garden sprawling over 75 ha of beautifully landscaped grounds, one of the most important plant conservation facilities in the State. It was handed over to Nandankanan Management in August, 2006. The Zoological Park together with the State Botanical Garden, Kanjia lake and Kiakani lake was declared as the Nandankanan Wildlife Sanctuary having an area of 4.37 sq. km. on 3rd August 1979. The natural forest areas of the sanctuary provide a safe home to a rich assemblage of flora and free-living wild fauna. Moreover, it plays the crucial role of being the green lungs of the capital city of Bhubaneswar.

The year 2020-21 was a year of great change and significant challenges. Due to the COVID-19 pandemic, the Zoo and State Botanical Garden were closed to visitors from 17th March 2020 to 3rd October 2020, thereby ending the primary source of revenue. Though gradual reopening of the zoo following all government regulations including physical distancing guidelines led to an inflow of visitors, it was much reduced in numbers. Even then, we received 8,20,894 visitors in the zoo and 72,829 in the State Botanical Garden during the year 2020-21, signifying the deeply felt need among the general public to connect to green spaces and wild nature.

One of the most amazing things we see in nature is the need and capacity to adapt. Following that cue, for the welfare of our animals, staff and visitors we have made sanitation, hygiene and bio security a priority. Regular tests for COVID-19, provision of COVID-19 Kit and vaccination of our staff were carried out for our staff to prevent zoonosis. Adapting to the changing times, we too have evolved with the pandemic situation, leveraging the use of technology and could carry out several activities on a virtual mode. Among them, the virtual tour of Nandankanan and State Botanical Garden, online animal adoption programme and a number of online awareness activities are worth mentioning. The pandemic has made us revive and pursue the Adopt-an-Animal program to mobilize resources for animal welfare. More than four hundred individuals and six organizations have contributed to the program.

New infrastructure like safari bus stop, visitor aid kiosk, water monitor lizard enclosure and Nandankanan selfie point were created during the year. Besides, the intervening time during the pandemic was used to renovate many enclosures and supplement them with enrichments, signage, landscaping and animal keeper sheds.

During the year, 232 animals including 92 mammals, 136 birds and 4 reptiles were born at the zoo. Among them, birth of Indian pangolin, sloth bear, tiger, stump-tailed macaque, Assamese macaque, Indian gaur, giant fruit bat, Indian fox, mouse deer, swamp deer, brow-antlered deer, Indian rock python etc. are noteworthy. We have welcomed 26 new animals of 9 species with an objective of infusion of new bloodline to the existing stock and has added 2 new species to the collection. However, we said final adieu to some precious animals of our Zoo, notably the tigress 'Anini', Himalayan black bear 'Kulu' and 'Chulu', sloth bear 'Arati' and lioness 'Supriya' who were very popular among visitors. Further, as a commitment to in-situ conservation, 6 transmitter-tagged gharials consisting of 3 males and 3 females were released in the river Mahanadi on 5th January 2021 under the "Species Recovery of Gharial (*Gavialis gangeticus*) in river Mahanadi" project.

Many zoo education activities including Celebration of World Wetlands Day, World Pangolin Day, World Wildlife Day, World Environment Day, International Tiger Day, International Vulture Awareness Day, Wildlife Week, World Elephant Day, International Tiger Day and Foundation Day etc. were organized during the year 2020-21.

There has been substantial effort to maintain the highest standards of health care and animal husbandry practices resulting in a reduced annual death rate during the year 2020-21. This was possible due to sincere efforts by our zoo veterinarian, cooperation from the College of Veterinary Sciences and Animal Husbandry, OUAT, Bhubaneswar, valuable advice and guidance of the Health Committee and Technical Committee on important health care issues.

The Zoological Park with its living collection provides an opportunity for a wide range of research to contribute to wildlife conservation and management. Three research papers and two books were published on various aspects of ex-situ conservation and management of captive wild animals. Therefore, it is heartening that despite disruptive and unexpected changes, the year delivered a number of significant milestones. This Annual Report succinctly highlights all the major aspects related to the management and development of Nandankanan during the past year.

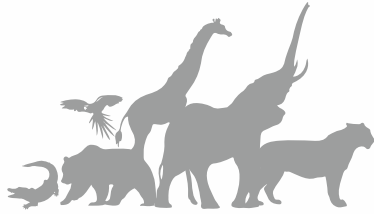
Needless to say, all this could not have been achieved but for the sincere efforts of all members of Team Nandankanan, and I would take this opportunity to thank them all - our dedicated staff, members of various technical and advisory committees, senior officers and the previous Directors of the zoo. I am optimistic that with their hard work and sound advice, aided by the constant guidance of the Chief Wildlife Warden, we will continue to build upon our impactful legacy and forge ahead with a vision to lead Nandankanan into a world-class future.

Dr. Manoj V. Nair, IFS
Director, Nandankanan Biological Park



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History of The Zoo

Nandankanan had a very interesting beginning. A number of wild animals (two spotted deer, two barking deer, two black buck, one mouse deer, one leopard cat, one flying squirrel, one racket-tailed drongo, one hornbill, two parrots, two hill mynah, one peacock, one mongoose, one pangolin, two porcupines, a pair of wild boars and a python) were collected from different parts of the state for the World Agricultural Fair organized in New Delhi in Jan-Feb, 1960. After the end of the Agricultural fair, the animals were brought to Orissa in May, 1960 and housed near Khandagiri and exhibited to the people. Water scarcity was the main problem in this location and it was difficult to decide where to locate these animals. Then it was thought of establishing a Zoo as there was no zoo in the state at that time.

The then Chief Minister, Dr. Hare Krushna Mahatab and the Minister for Development Dr. Radhanath Ratha along with senior forest officials tried to locate a suitable site for establishing a zoo with good water source. After search for suitable area, it was found that a stretch of forest in the famous Chandaka forest contain a good natural water body called Kanjia lake. This was close to the Barang Railway Station. It was decided to establish the zoo there taking part of Jujhagarh and Krushnanagar Demarcated Protected Forest (DPFs). Pursuant to the decision, construction activities were taken up over a very small area to house animals.

On 29th December, 1960, Sri S. K. Patil, the then Minister of Food and Agriculture, Govt. of India inaugurated the new Biological Park named "Nandankanan" which means the heavenly garden of God. Subsequently, in the year 1963 a Botanical Garden came up adjoining to the park in the other side of Kanjia lake. The park along with the adjoining forests has been notified as Nandankanan Wildlife Sanctuary vide erstwhile Forest, Fisheries & Animal Husbandry Department, Government of Orissa Notification No. 8F(WL)-160/78-20672/FFAH dated 3rd August 1979 and published in the Official Gazette vide S R O No.935/79 dated 3rd August 1979. The Nandankanan Biological Park subsequently in 1980's was renamed as Nandankanan Zoological Park on recommendation of the Orissa Legislative Assembly Committee on Estimates, 1981-82. The zoo started growing slowly with addition of new enclosures. The first tiger was brought to the zoo in the year 1964 from the Alipore Zoo in Calcutta along with a pair of African lions, a puma and a pair of muggers during All India Congress Committee session at Bhubaneswar. In 1967, the first open air tiger enclosure was constructed in the zoo and it surprised everybody that the last surviving tigress in Chandaka forest was lured on the 04th January, 1967 into this enclosure, where a male tiger "Pradeep" was already housed. She was named "Kanan" by the zoo officials. Proximity to wilderness has led to another interesting incident in 1964, when a courting wild tusker kidnapped a cow elephant from the zoo. However, the cow elephant returned to its enclosure later.

Nandankanan attained distinction in first ever breeding of the Gharial in captivity in a naturalistic pool created for the purpose, through a full grown male gharial was brought from Frankfurt zoo on breeding loan. This happened on 7th May, 1980 with 24 hatchlings hatched in the gharial pool. In the same year, 2 normal coloured tigers 'Deepak and Ganga' gave birth on the 8th January, 1980 to 3 white off-springs named 'Debabrata', 'Alaka' & 'Nanda' creating history. With this, Nandankanan created its own family of white tigers and a separate gene pool. The park forged ahead in its developmental activities under the advice & guidance of Nandankanan Development Board to become a leading zoo in the country with a wide variety of animals in near natural environment. On 20th Jan 1984, a Lion safari over 20 ha. was inaugurated inside the zoo premises. Thereafter the first White Tiger safari spread over 12 ha was also established in the year 1991. Two more safaris namely Herbivore safari (21ha) and Bear safari(5 ha) were established in 2011 and 2012 respectively.

The zoo has bred a number of species of animals, birds and reptiles. Many of them are endangered as per the Wildlife Protection Act, 1972. Some of them are tigers (normal colored and white), leopards (black & normal), Asiatic lion, all the 3 Indian crocodiles, Indian tiger, elephant, lion-tailed macaque, Nilgiri langur, peafowl, Indian pangolin, thamin deer, ratel, black kite, water monitor lizard, gaur, and many others. A toy train has been in operation in the park since 10th August' 1971 donated by the Ministry of railways, Government of India. A rope way also links zoological park with the botanical garden since 01.10.1994. An aquarium was dedicated to visitors in 4th February, 2008 by the Honourable Chief Minister, Odisha. Gradually many facilities like electronic entry gate, battery operated vehicles, RO drinking water kiosk, interpretation centre, zoo museum, live feed rearing centre etc. were added or renovated for better management of animals and visitors.



MISSION

To achieve the distinction of an outstanding zoo through World Class Conservation, Education, Research and Exciting visitor experiences by connecting people to biodiversity conservation.

VISION

To strengthen the efforts in conservation of biodiversity of the region through ex-situ conservation linked with in-situ practices.



OBJECTIVE

Housing of wild animals and birds with special emphasis on research and education on their ecology, behavioural biology, physiology and enrichment in a semi-natural environment.

- Conservation breeding of the endangered species in captivity with least human imprints and to release them in nature to recoup their status in the wild.
- To facilitate research and scientific study on animal behavior, enclosure enrichment, feed, nutrition and reproductive biology.
- To promote education & awareness amongst visitors towards conservation of wildlife.
- To ensure housing of captive animals and birds with special emphasis on health care, animal welfare and excellent animal husbandry.

NANDANKANAN ZOOLOGICAL PARK

Nandankanan Zoological Park is one of the premier large zoos located amidst a beautiful natural setting recognized by Central Zoo Authority, Govt. of India. Unlike conventional zoos, it spreads over vast 3.62 sq.km of undulating topography with natural moist deciduous forest, water bodies and enchanting landscape that provides the zoo inhabitants an appropriate ambience to live in harmony with the nature. It was dedicated to the public on 29th December 1960. Total 8,20,894 tourists visited the Zoological Park during 2020-21. Most of the animals of Nandankanan live in open, large moated areas surrounded by natural vegetation. This gives them a feeling of living close to their natural habitat. The Zoological Park is a part of Nandankanan Wildlife Sanctuary.

Salient Features

Area	Nandankanan Zoological Park (includes Kanjia lake of 66.1 ha.)	362.1 ha. (3.62 Sq.Km.)
	Nandankanan Wildlife Sanctuary	437 ha. (4.37 Sq.Km.)

 MAMMALS 47 SPECIES 1711 NUMBERS	 BIRDS 77 SPECIES 1799 NUMBERS	 REPTILES 30 SPECIES 296 NUMBERS	 AMPHIBIANS 06 SPECIES 21 NUMBERS	TOTAL ANIMALS AS ON 31.03.2021 160 SPECIES 3827 NUMBERS
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No. of animal House	212 nos. (covered- 118, open moated- 94)	
Zoo holiday	Every Monday except when it falls on Independence Day, Republic Day, Christmas Day, New Years Day, Raja and Dussehra. In these cases of exception, the zoo will remain closed on the following Tuesday.	
Zoo timing	For visitors	0730 hrs. to 1730 hrs (April-September) 0800 hrs. to 1700 hrs. (October-March)
Animal feeding time	Carnivores	03.00 pm to 05.00 pm (Except Monday)
	Reptiles	11.00 am to 1.00 pm
	Birds	11.00 am to 1.00 pm/3.00 pm to 5 pm
	Herbivores	11.00 am to 1.00 pm/3.00 pm to 5 pm

SPECIAL ATTRACTIONS

The sylvan setup of the Park provides many special features which attracts the visitors in large numbers.



Boating

Boating on paddle or row boats in the blue water of Kanjia lake is an exhilarating experience. The multi-storey Boat Ghat is renovated to give a new look providing enough space for the visitors to relax and enjoy the picturesque fresh water spread over an area of 66.1 ha. lake. The boating service is outsourced for better management and satisfaction of the visitors. The lake is also known for its rich floral and faunal diversity and is declared as a Wetland of National Importance by Govt. of India.



Tiger safari

A unique tiger safari established on 1st October, 1991 over an area of 12 ha in natural surroundings, which exposes you to a unique situation where the visitors are confined in a vehicle and the animals roam in the open jungle. Nandankanan is the first zoo in India with melanistic tigers in the safari.



Lion safari

A twenty-minute drive through the meandering roads criss crossing the natural forest in a specially protected vehicle takes the visitors straight into a pride of lions. The lion safari spread over an area of 20 ha was established in the year 1984.

Herbivore safari

Herbivore safari was established in the year 2011-12 extending over an area of 21 ha. with a road network of 2 Km. length. The safari houses Barking Deer, Spotted Deer, Sambar, Four horned antelope, Wild boar, Jungle fowls, Peafowls etc.





Bear safari

A Bear safari covering an area over 4.1 ha. has been established in the zoo during the year 2012-13. Visitors can avail opportunity to sight sloth bears in their natural habitat through safari bus service.



Nocturnal Animal House

Many animals that only move freely at night but are almost immobile and hide in the thicket or in their burrows during the day are housed here. The twilight condition is created in these enclosures to provide an opportunity to the visitors to know what these animals secretively do in the darkness of the night. It is one of the best nocturnal houses in the country.

Reptile Park

A reptile park, with a life size Tyrannosaurus at its entrance with an interpretation centre houses 30 species of reptiles including crocodiles, lizards, turtles and snakes. One can see king cobras and a huge Reticulated Python inside the reptile park.



Reptile Interpretation Centre

An Interpretation Centre depicting the evolution and biology of reptiles has been established in the entrance of Reptile Park displaying models of prehistoric animals.



Toy Train

The toy train has been a great attraction for the children. Its starts from the toy train station which goes round a circular track of 1.58 Km. along the lake and thickly vegetated hillock area with free ranging herbivores.



Aquarium

Aquarium is an integral component of a modern zoo. Adequate steps were taken to include well researched education materials on the various aquatic ecosystems both marine and fresh water indicating their uniqueness and conservation needs. The aquarium was dedicated to the visitors on 4th February, 2008 by the Honourable Chief Minister, Odisha.

Library

If one has got time and an aptitude for learning then the centrally located library, with a wonderful collection of more than 5000 books and journals on wildlife, veterinary and other matters can serve one's satisfaction.



Interpretation Centre

The Interpretation Centre has been established near the entrance gate. The Centre has display boards, models and audio-visual aids depicting the importance of Zoological Park and other important wildlife areas of Odisha. It also displays the activities behind the scenes for creating awareness amongst the visitors. A film on Nandankanan is also screened in the mini-auditorium inside the Centre.



Zoo museum

The zoo museum was established in Nandankanan in the year 2015 to preserve, display and interpret the animal specimens of zoological importance for public viewing and nature education. The museum displays taxidermy specimens, preserved specimens of early developmental stages of animals and eggs of flightless birds. This facility will be of great interest to the visitors in general and school children in particular.

Battery Operated Vehicle

To facilitate elderly and physically challenged visitors in particular and tourists in general, Battery Operated Vehicles (BOVs) are available for tourists at Rs. 80/- per person.



Electronic gate entrance system

An automated electronic entry gate system has been installed in the Zoological Park on 30.03.2012. Each visitor is issued with a bar-coded ticket for entering through any of the six electronic gates into the park. This gives an exact figure of adult, children and foreigner visitor entry statistics at any point of time. This facility is the first of its kind for entry into any tourist place in Odisha. On-line ticket booking system is also facilitated for the visitors. LED display screen is also installed for information to the visitors.



Amphibian enclosure

An amphibian enclosure has been established with viewers gallery over a plinth area of 56 M². Necessary behavioural enrichments like flowing water, saw dust, live plants, water pool etc. have been provided within the enclosure. The enclosure is designed to house and display amphibian species. Nandankanan is the first premier large zoo to exhibit amphibians. At present there are 21 Nos of amphibians belonging to six species.



Walkthrough aviary

The walkthrough aviary for exotic birds is a unique exhibit of its kind in the country. The walkthrough aviary has a cascading waterfall and a meandering water channel of 58 m length connecting two pools having two arched cross over bridge along the 216 m laterite stone paved walking path with separate entry and exit points. In addition to the existing large and small trees, hundreds of selected plants have been planted to provide perches and hiding places for the birds housed. There are enough feeding points and nest boxes for use of the birds selectively. The inmates of the aviary are mixture of arboreal, terrestrial and aquatic birds. It is a visitor's delight to view the free flying birds overhead.



Open top leopard enclosure

The new open top Leopard enclosure in Nandankanan is one among the very few in the country which attempts to exhibit this species in a large naturalistic enclosure which is open to the sky. This enclosure has been designed aesthetically to maximise visitor satisfaction without compromising the safety and security of the animal as well as visitors. The enclosure which has an exhibit area with a deep dry moat, also has four feeding chambers and two back kraals. The entire enclosure has existing natural vegetation including two large *Ficus bengalensis* trees together with other trees and bushes. In addition, environmental enrichment by way of machan platforms, stone cave, wooden logs, water trough etc. has been provided to encourage them to indulge in natural activities.

Other services

- Interactive education & outreach programme
- Conducted tour for school children.
- Availability of trained guides.

VISITORS' AMENITIES

- RO water kiosks
- Toilets at convenient locations
- Special toilets, wheel chairs & ramps for differently abled persons
- Rest areas / sit-outs / visitors' shed at various locations.
- Tourist cottages
- Restaurant & Snacks bar (run by OTDC)
- Cloak room near the entrance gate
- Perambulator for children
- First-aid (at zoo hospital & administrative office)
- Library
- Baby Care House
- Emission free battery-operated vehicles
- Guide maps
- Publications
- Nature shop (Souvenir shop)
- Children Park
- Souvenir shop
- Polythene exchange counter
- Visitor Feedback kiosk



ENTRY FEES AND OTHER CHARGES

NANDANKANAN ZOOLOGICAL PARK

Entry Fee:

Indians (Above 12 years)	Rs. 50/-
Children Age group of 3-12	Rs. 10/-
Foreign visitor	Rs.100/-
Tourist Cottage	Rs.200 & 300/-
Handy cam camera	Rs.100/-
High end Video Camera (Amateur Photographer)	Rs.500/-
Movie Camera (Professional Photographers)	Rs.4,000/-

Safari

Lion safari	Rs. 15/-
Tiger safari	Rs. 15/-
Herbivore safari	Rs.15/-
Bear safari	Rs. 15/-
Toy Train	
Children Age Group of 3-12	Rs. 30/-
Adult	Rs. 50/-
Boating (for 30 minutes)	
Paddle Boat (2 seater)	Rs.50/-
(4 seater)	Rs.100/-
Family boat	Rs.150/-
Battery Operated Vehicle	Rs. 80/- per person

FREE FACILITIES

- Aquarium
- Cloak room
- Entry of differently able persons
- Entry of children below 3 years
- Film Still Camera
- Digital still camera
- Perambulator for children
- Walk through aviary
- RO water and use of toilets
- Wheel chair for differently able persons



MONTH WISE NUMBER OF VISITORS DURING 2020-21

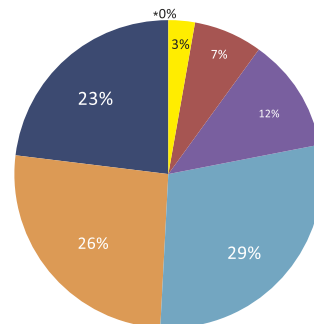
Month	No. of visitors	Month	No. of visitors
April	-	October	27,272
May	-	November	52,146
June	-	December	99,680
July	-	January	2,35,666
August	-	February	2,14,983
September	-	March	1,90,737
Free entry of school children during Wildlife Week & Childrens' Day			
Free entry of differently abled persons			410
TOTAL			8,20,894



Month wise % of number of visitors during 2020-21

No. of visitors

- April to September, 2020 (* Zoo closed due to Covid-19 Pandemic)
- October, 2020
- November, 2020
- December, 2020
- January, 2021
- February, 2021
- March, 2021



HUMAN RESOURCES

(A) DIRECTOR'S OFFICE IN MAYUR BHAWAN, BHUBANESWAR

Sl. No.	Designation	Number of Sanctioned Posts	Number of Strength	No of vacancy in position
1	Director	1	0	1
2	Senior Steno	1	0	1
3	Senior Assistant	4	3	1
4	Junior Assistant	4	1	3
5	Driver	1	0	1
6	Office Chowkidar	1	0	1
7	Office Sweeper	1	0	1
8	Office Peon	1	1	0
9	Watchman	1	1	0
TOTAL		15	06	09

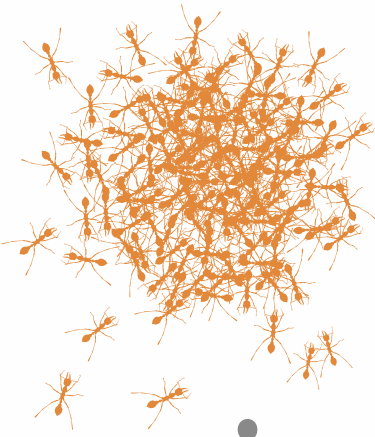
(B) DEPUTY DIRECTOR OFFICE, NANDANKANAN ZOOLOGICAL PARK

Sl.No.	Name of each category of post.	Sanctioned strength.	No. of staff in position.	No. of vacancy
1	Deputy Director	1	1	0
2	Sr. Veterinary Officer	1	1	0
3	ACF	3	2	1
4	Vety. Assistant Surgeon	1	1	0
5	Forest Ranger	8	6	2
6	F. E. S.	0	0	0
7	Head Clerk	1	0	1
8	Biologist	1	1	0
9	Education Officer	1	1	0
10	Dy. Ranger	0	1	-1
11	Fitter-cum-Mechanic	1	0	1
12	Junior Accountant	5	4	1
13	Junior Stenographer.	1	1	0
14	Forester	9	10	-1
15	Driver(H.V)	3	2	1
16	Driver (L.V.)	4	2	2
17	Livestock-Inspector.	3	2	1
18	Projector Operator	1	0	1
19	Junior Librarian	1	1	0
20	Artiste- cum- Modeler.	1	0	1

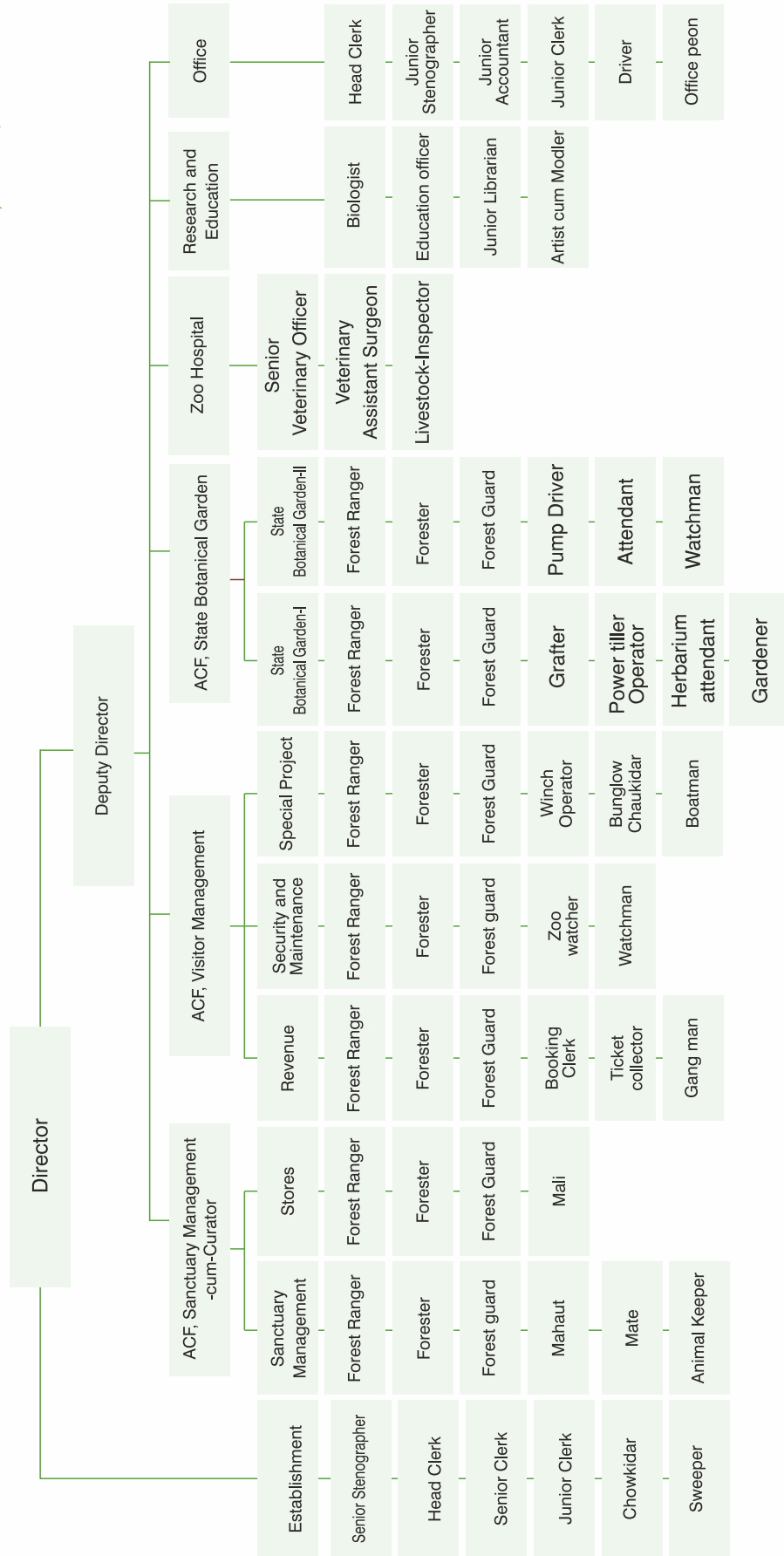
21	Guide...	1	0	1
22	Junior Clerk.	4	2	2
23	Booking Clerk	3	0	3
24	Welder-cum-Blacksmith	1	0	1
25	Forest Guard	25	17	8
26	Mahout	8	0	8
27	Mali	5	3	2
28	Khansama	1	0	1
29	Mahout	3	2	1
30	Asst .Mahunta	8	0	8
31	Animal Keeper	101	68	33
32	Office Peon/Attendant	6	5	1
33	Sweeper	11	6	5
34	Bungalow Chowkidar	3	0	3
35	Winch Operator	1	1	0
36	Ticket Collector	10	7	3
37	Gangman	1	0	1
38	Mate	2	1	1
39	Boat Man	2	0	2
40	Zoo Watcher	22	14	8
41	Watchman	27	21	6
42	Cook-Cum-Animal feed Distributor	2	0	2
TOTAL		293	183	112

(C) STATE BOTANICAL GARDEN, NANDANKANAN

Sl.No	Name of each category of post.	Sanctioned strength.	No. of staff in position	No. of vacancy
1	Curator	1	0	1
2	Junior Typist	1	0	1
3	Grafter	2	0	2
4	Pump Driver	1	0	1
5	Powertiller operator	1	0	1
6	Herbarium Attendant	1	0	1
7	Gardener	6	0	6
8	Attendant	6	0	6
9	Peon	3	1	2
10	Watchman	1	0	1
TOTAL		23	1	22



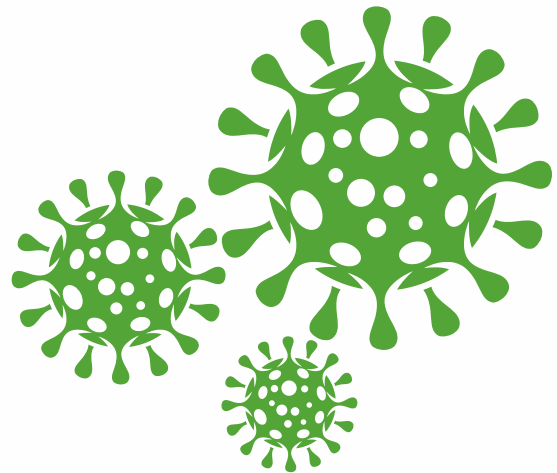
Its all about team work...



CAPACITY BUILDING OF ZOO PERSONNEL

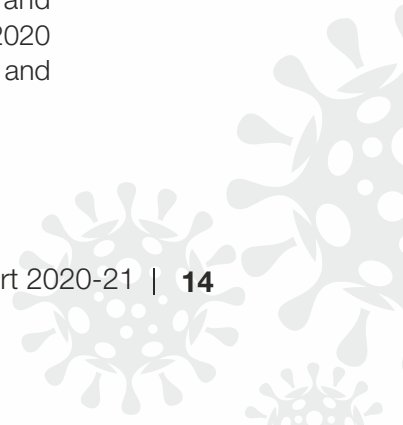
- Dr Rajesh Kumar Mohapatra, Biologist Nandankanan Zoological Park has attended Online course on “Facilitating Species Conservation Planning” for six weeks from 24th August, 2020 to 2nd October, 2020 conducted by IUCN-SSC Conservation Planning Specialist Group.
- Dr Sarat Kumar Sahu, BVO, Nandankanan Zoological Park & Dr Santosh Kumar Gupta, RA, Nandankanan Zoological Park has attended Refresher Training on “Wildlife Management for Veterinary professional” by Virtual Mode from 23.02.2021 to 25.02.2021 conducted by Central Zoo Authority, New Delhi.
- Sri Susant Kumar Nayak, Animal Keeper, Nandankanan Zoological Park has attended National Zoo Keeper Training on “Captive Management of Reptiles” by Virtual Mode from 15.03.2021 to 17.03.2021 conducted by Indira Gandhi Zoological Park, Visakhapatnam.





COVID-19 MANAGEMENT

Nandankanan Zoological Park is being properly managed during COVID-19 pandemic following Central Zoo Authority recommendations and government guidelines. The zoo was opened to public on 04.10.2020 following proper COVID-19 guidelines for safety of visitors, employees and animals.





FINANCE

Revenue collected

An amount of Rs. 518.22 lakhs were generated towards revenue from all sources during 2020-21. Closure of zoo from 17th March, 2020 to 03rd October, 2020 due to COVID-19 Pandemic, impacted revenue generation.

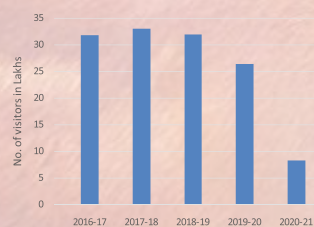
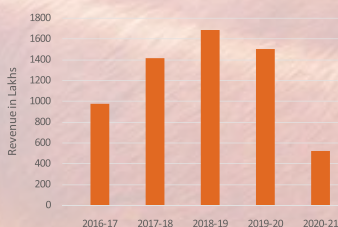
**VISITOR FLOW AND REVENUE GENERATED
DURING THE YEAR 2020-21**

Item	Number	Revenue (in rupees)
Entry fees		
Common Visitors (Above 12 years)	691369	34568450
Children (3 to12 years)	114888	1148880
School children	0	0
Foreign visitors	180	18000
Free entry during Wildlife Week and Childrens' Day	0	0
Free entry of differently abled persons	410	0
Handycam	84	8400
Video camera	0	0
Outsourced facility		
Boating facilities		753257
Safari facility		1678935
O.T.D.C. Restaurant		36903
O.T.D.C. snacks bar		22511
Rent of BOV facility		840718
Rent of Souvenir shop		103088
Rent of ATM counter (SBI)		132300
Rent of ATM counter (PNB)		77470
Sale of waste cattle bones		107786
State Botanical Garden (SBG)		
Revenue collected at SBG		2911970
Online entry/facility reservation charges (zoo and SBG)		1275945.40
Adoption of animals		7543101
Tourist cottage		200
Fine collected		2400
Forfeited EMD amount		26332
Sale of books, brochures & leaflets		1100
Cost of tender paper		564057
Total revenue collected		Rs. 5,18,21,803.40

REVENUE GENERATED DURING LAST FIVE YEARS

VISITOR FLOW DURING LAST FIVE YEARS

Year	No. of visitors (in lakh)	Total Revenue collected (Rs. In lakh)
2016-2017	31.813	969.53
2017-2018	32.993	1410.60
2018-2019	31.943	1685.27
2019-2020	26.295	1503.48
2020-2021	8.208	518.22



ALLOTMENT AND EXPENDITURE OF NANDANKANAN ZOOLOGICAL PARK DURING THE LAST FIVE YEARS: (AMOUNT IN LAKHS OF RUPEES)

Year	Expenditure & Allotment	Non-Plan	State-Plan	Central Plan	Centrally sponsored plan	CZA grant	CAMPA	Society Fund	Eco Tourism	Total
1	2	3	4	5	6	7	8	10	11	12
2016-17	Allotment	859.84	12.10	-	8.886	-	597.50	1113.120	-	2591.44
	Expenditure	859.83	12.10	-	8.886	-	293.26	867.381	-	2041.56
2017-18	Allotment	1067.63	511.70	-	8.25	3.70	204.76	1221.6	-	2812.85
	Expenditure	1025.26	511.70	-	8.25	2.90	147.18	1129.0	-	2677.15
2018-19	Allotment	111.184	615.74	-	12.208	-	507.90	1820.19	-	2812.85
	Expenditure	110.327	615.74	-	12.208	-	504.60	1309.29	-	2552.165
2019-20	Allotment	11.59	346.15	-	11.0	12.80	236.93	1846.00	-	2504.47
	Expenditure	11.37	346.15	-	11.0	09.82	236.92	1369.55	-	1984.81
2020-21	Allotment	471.32	2295.30	-	16.41	-	414.94	997.25	1200.00	5395.22
	Expenditure	471.32	2295.30	-	16.41	-	414.95	696.67	1200.00	5094.65

ANIMAL EXCHANGE DURING THE YEAR

S.N	Animal Received	Sex(M:F:U)	Zoo	Date of arrival
1.	Asiatic Lion	0:2:0	Kamala Nehru Prani Sangrahalaya, Indore	20.12.2020
2.	Gharial	2:1:0	Kamala Nehru Prani Sangrahalaya, Indore	20.12.2020
3.	Indian Grey Wolf	2:0:0	Kamala Nehru Prani Sangrahalaya, Indore	20.12.2020
4.	Indian Fox	0:1:0	Kamala Nehru Prani Sangrahalaya, Indore	20.12.2020
5.	Himalayan Black Bear	1:1:0	Aizwal Zoological Park, Mizoram	07.02.2021
6.	Asiatic Wild Dog	1:1:0	Aizwal Zoological Park, Mizoram	07.02.2021
7.	Asian Brown Tortoise	3:3:0	Aizwal Zoological Park, Mizoram	07.02.2021
8.	Assamese Macaque	1:1:0	Aizwal Zoological Park, Mizoram	07.02.2021
9.	Stump Tailed Macaque	3:3:0	Aizwal Zoological Park, Mizoram	07.02.2021

S.N	Animal Given	Sex(M:F:U)	Zoo	Date of disposal
1.	Hippopotamus	1:1:0	Kamala Nehru Prani Sangrahalaya, Indore	27.09.2020
2.	Hippopotamus	0:2:0	Kanan Pendari Zoological Garden, Bilaspur	19.02.2021
3.	Indian Tiger	1:1:0	Nahargarh Biological Park, Jaipur	17.03.2021
4.	Wild Boar	1:0:0	Nahargarh Biological Park, Jaipur	17.03.2021
5.	Zebra Finch	15:15:0	Nahargarh Biological Park, Jaipur	17.03.2021
6.	Java Sparrow	15:15:0	Nahargarh Biological Park, Jaipur	17.03.2021

GLIMPSES OF THE EVENTS 2020-21

During the year, many enclosures and visitor amenities were renovated and supplemented with enclosure enrichments, standoff barrier, signage and landscaping where ever necessary. New zoo exit path, Visitor kiosk, New Safari bus stand, Nandankanan selfie point, Lake side beautification, Lion enclosure back kraal and 2 nos. of fountain are noteworthy. Renovation of Water Monitor Lizard enclosure, Stump Tailed Macaque enclosure , Asian Brown Tortoise enclosure have also been carried out.

Safari Bus Stop

The facility has been constructed over an area of 450 sqm having ticket counter, waiting room and cafeteria. Bus track of 1060 sqm area has been constructed in the said premises with a provision of guard wall. Toilet facility has been provided for the visitors. The project was executed by BSNL with a cost of Rs. 73.93 Lakhs and was dedicated to visitors on 29th December, 2020.



Visitor Aid Kiosk

The facility has been constructed on a flat ground over an area of 679 sqm to facilitate visitors exit directly to parking area. In addition to that a visitor aid kiosk was constructed near the exit path where three facilities are there i.e. cloak room, plastic bottle regulation centre and visitors' feedback. This kiosk constructed over an area of 1104 sqm. This project was executed departmentally from Nandankanan Society Fund with a cost of Rs 20.00 Lakhs. The facility was dedicated to visitors on 29th December, 2020.



BECOME A CARE GIVER : OUR ANIMAL ADOPTION SCHEME



People's movement towards conservation and preservation of flora and fauna brings in higher dividends. Zoos across the world have evolved Adoption Scheme with a primary intention of involving general public in the conservation of endangered animals, birds and reptiles. Individuals, philanthropists, organizations and corporate can adopt animals by way of contributing to the feed cost of individual animal including its maintenance and veterinary health care. Now adoption can also be done through online mode. Mobile App has also been introduced.

This programme was launched in the year 2008 to support the World class zoo care and services for all inhabitants by providing quality food to meet their nutritional requirements, medical care, equipment, up gradation of the enclosure and enrichments. This would benefit the animals directly with all proceeds going toward the care and feeding of the animals at the Nandankanan Zoo. All the captive animals and birds at the Zoo would be available for adoption. This programme will be done both through on-line and off-line modes. The programme would be an annual support program and all adoptions would be either for a period of one month, three months, six months or for one year. The animal adopted would remain at the Nandankanan Zoo, receiving proper care and housing.

Now one can adopt our charming animals and bird species starting at Rs. 500 to Rs. 2.5 lakhs. For your generosity, patrons receive a "Thank You" in the form of an Adoption Certificate. In on-line mode it directly sent to registered e-mail address of the donor. Your support would go a long way for wildlife conservation efforts and would help us provide exemplary care to many endangered species. You can make a difference and your gesture would help to save a species from the brink of extinction. As an Adoptive Parent your contribution would help us to ensure a brighter future for these species.

This would help not only in raising funds, but would also ensure participation of the individuals, corporate bodies and others in the management of the Zoo. Opening the adoption scheme to the public, corporate bodies and institutions would bring them closer to the zoo and heighten their love and passion for the captive animals and birds. Therefore, the Zoo would like to invite philanthropists, institutions and industrial houses and individuals to lend a helping hand by donating liberally to the zoo.



ADOPT-AN-ANIMAL PROGRAMME GAINS MOMENTUM IN COVID-19 PANDEMIC WITH OVERWHELMING SUPPORT FROM INDIVIDUAL AND INSTITUTIONAL PATRONS

The adoption programme run in the Nandankanan Zoo has gained momentum as more than 400 animal lovers donated to the programme between April, 2020 to March, 2021). Other than this organisation and corporate bodies like OMC,OTDC, Jindal, SBI, Adani, MGM have already adopted many animal and birds this year 2020-21. This programme aims to create bond between the captive animals and the participants.



LIST OF DONORS FOR 2020-21 (OFF-LINE)

Sl. No.	Name of the persons/ Institution	Animals/Birds/ Reptiles adopted	Period of adoption
1.	Odisha Tourism Development Corporation Ltd, Bhubaneswar, Odisha	01 no of Melanistic tiger	01st Sep. 2020 To 30th Aug, 2021
2.	Odisha Mining Corporation Ltd	1st Phase 02 nos of Elephant, 02 nos of Leopard 02 nos of Indian Tiger 2nd Phase 01 no of Asiatic Lion 01 no of Melanistic Tiger 02 nos of White Tiger 02 nos of Chimpanzee, 01 no of Giraffe 01 no of African Lion, 01 no of Sloth Bear 01 no of Hippopotamus 01 no of White Backed Vulture	11th Nov, 2020 To 10th Nov, 2021 18th June 2021 To 17th June, 2022
3.	Justice Kumari Sanju Panda	01 no of Blackbuck 01 no of Hamadryas Baboon 01 no of Java Sparrow	04th Dec, 2020 To 03rd Dec, 2021
4.	Jindal Steel Ltd (JSW)	15 nos of Normal Coloured Tiger 08 nos of White Tiger 04 nos of Melanistic Tiger	29th Dec, 2020 To 28th Dec, 2021
5.	Sri Kalu Charan Panda Shastri Nagar, Bbsr	01 no of Pariah Kite 01 no of Muggler 01 no of Nilgai	06th Jan, 2021 To 05th Jan, 2022
6.	State Bank of India, Local Head Office, Bbsr	08 nos of White Tiger 20 nos of Sambar	04th Jan, 2021 To 03rd Jan, 2022
7.	Dhamra Port Company Ltd (Adani)	01 no of King Cobra, 01 no of Burmese Python, 01 no of Siamese Crocodile 01 no of Green Iguana, 01 no of Long Billed Vulture 01 no of White Backed Vulture, 01 no of Sarus Crane 01 no of Oriental Scops Owl, 01 no of Lesser Sulphur Crested Cockatoo 01 no of Umbrella Crested Cockatoo, 01 no of Brown Throated Conure 01 no of Yellow Backed Lory, 01 no of Living Stone Turaco 01 no of Himalayan Black Bear, 01 no of Leopard Cat 01 no of Small Indian Civet, 01 no of Bonnet Macaque 01 no of Giant Squirrel, 01 no of Blackbuck, 01 no of Red-Handed Tamarin, 01 no of Black Tufted Marmoset	10th Jan, 2021 To 09th Jan, 2022
8.	MGM Minerals Ltd, Odisha	02 nos of Asiatic Lion	15th Jan, 2021 To 14th Jan, 2022
9.	Ketan Mohanty & Asmit Mangalam Jena Loyola School, Bbsr	01 no of Giant Squirrel	11th Mar, 2021 To 10th Mar, 2022
10.	Sarjana Mohanty & Saanvi Jena Loyola School, Bbsr	01 no of Stump Tailed Macaque	11th Mar, 2021 To 10th Mar, 2022

LIST OF DONORS FOR 2020-21 (ON-LINE)

Sl. No.	Name of the persons/ Institution	Animals/Birds/ Reptiles adopted	Period of adoption
1	Maria Israel Sathyan, #159 3rd main ,8th cross, Gunjur main road , Gunjurpalya , Varthurhobi , Bangalore 560087, Bangalore urban, Karnataka-560087	Four no. of Jackal	9th May 2020 To 8th June 2020
2	Maria Israel Sathyan, #159, 3rd main , 8th cross , Gunjurpalya , Bangalore, Bangalore urban, Karnataka-560087	One no. of Jungle Cat	9th May 2020 To 8th June 2020
3	Ankita Mohanty, Near GelhaDulha Mandir, Thoriasahi, Manglabag, Cuttack, Odisha-753001	One no. of Mandarin duck	20th May 2020 To 19th Aug 2020
4	veeravijay d, T systems India pvt ltd, Umiya Business Bay Tower II, 4th Floor, Cessna Business Park, Off, Outer Ring Rd,bangalore, Bangalore Urban, Karnataka-560103	Three no. of Brown throated conure	15th June 2020 To 14th Sept 2020
5	Annapurna Kar, Chandradeipur, P:O: Salipur, Cuttack, Odisha-754202	One no. of Mandarin duck	5th Aug 2020 To 4th Aug 2021
6	Ananya Kar, Rayagada, Odisha-765001	One no. of Mongoose	6th Aug 2020 To 5th Aug 2021
7	Aparna Kar, Rayagada, Odisha-765001	One no. of Indian pangolin	6th Aug 2020 To 5th Sept 2020
8	Aswini Kumar Kar, Res of DFO Rayagada,Odisha-765001	One no. of Hippopotamus	6th Aug 2020 To 5th Aug 2021
9	Dr. M. C. Dash, Sc-4B Railway colony basant Road, New Delhi, Delhi-110055	One no. of Black buck	7th Aug 2020 To 6th Aug 2021
10	Shradha Shagun, Near Krishnananda Matha Lane, Balighat, Puri-2, Puri, Odisha-751002	One no. of Spotted dove	8th Aug 2020 To 7th Sept 2020
11	Miss Swatishree Panda, Ranipatna, Balasore,Odisha-756001	One no. of Indian flap shell turtle	8th Aug 2020 To 7th Sept 2020
12	Gitanjali Panda, Dargipokari, Balasore, Odisha-756001	One no. of Jackal	8th Aug 2020 To 7th Sept 2020
13	Sukanta Kumar swain, Madhusudan Nagar, Tulsipur, Cuttack, Odisha-753008	One no. of Blossom headed parakeet	8th Aug 2020 To 7th Aug 2021
14	Sarmistha Nayak, Madhusudan Nagar, Tulsipur, Cuttack Odisha-753008	One no. of Diamond Dove	8th Aug 2020 To 7th Aug 2021
15	Rajeswar, BBSR, Khorda, Odisha-751021	Three no. of Assamese macaque	8th Aug 2020 To 7th Sept 2020
16	T SRAVYA SRUTI, Manorama Enclave ,Satya Nagar, Bhubaneswar, Khurdha, Odisha-751007	One no. of Mandarin duck	8th Aug 2020 To 7th Sept 2020
17	Swati Swain, Madhusudan Nagar, Cuttack, Odisha-753008	One no. of Indian star tortoise	8th Aug 2020 To 7th Aug 2021
18	Swati Swain, Madhusudan Nagar, Cuttack, Odisha-753008	One no. of Zebra finch	8th Aug 2020 To 7th Aug 2021
19	Adyasa Das, D/o- Dr Subas Chandra Das, Anandvihar, Nayabazar, Cuttack, Odisha-753004	One no. of Sun conure	8th Aug 2020 To 7th Sept 2020
20	Bibhu Nayak, 3 Sutlej Plot 21 Sector 14 Vashi Navi Mumbai, Thane, Maharashtra-400703	One no. of Black buck	9th Aug 2020 To 8th Aug 2021
21	Bibhu Nayak, 3 Sutlej Plot 21 Sector 14 Vashi Navi Mumbai, Thane, Maharashtra-400703	One no. of Sambar Deer	9th Aug 2020 To 8th Aug 2021
22	S.Sahu, B.Sardar, S.Paria, M.Mohanta, I.Singh, C/O-Mr. Debendra Kumar Sahu, Ward No-11, Naharpada, Station Bazar, Baripada, Mayurbhanj, Odisha-757001	One no. of Spotted deer	9th Aug 2020 To 8th Sept 2020
23	Abhijeet Rana, Anita Barik, Debajani Das, Deviprasad Mahalik, SandhyaraniBindhani, North Odisha University, Takatpur, Baripada, Mayurbhanj, Odisha-757003	Five no. of Jungle Cat	9th Aug 2020 To 8th Sept 2020
24	Rabinarayan Kar, Tirtol, Jagatsinghpur, Odisha-754137	One no. of Spotted deer	10th Aug 2020 To 9th Nov 2020
25	Siyona Maharana, A-15, 201, Dvc Colony, Ktps, Banjhedih, Koderma, Jharkhand-825421	One Hundred Twenty Three no. of Gharial	10th Aug 2020 To 9th Nov 2020
26	Soumya Ranjan Singh, Khariar, Nuapada, Odisha-766107	One no. of Russel's viper	11th Aug 2020 To 10th Aug 2021
27	Himanshu Biswal, Bbsr, Khurda, Odisha-751024	Two no. of Diamond Dove	12th Aug 2020 To 11th Sept 2020
28	Satirtha Mohanty, Jagannathpur, Bhadrak, Odisha-756100	One no. of Spotted deer	12th Aug 2020 To 11th Nov 2020
29	Satirtha Mohanty, Jagannathpur, Bhadrak, Odisha-756100	One no. of Java sparrow	12th Aug 2020 To 11th Nov 2020
30	Satirtha Mohanty, Jagannathpur, Bhadrak, Odisha-756100	One no. of Peach faced love bird	12th Aug 2020 To 11th Nov 2020
31	Satirtha Mohanty, Jagannathpur, Bhadrak, Odisha-756100	One no. of Masked love bird	12th Aug 2020 To 11th Sep 2020
32	Rupsana Pradhan, Qr. No. -n/206, Trl Krosaki Township, Po-belpahar, Jharsuguda, Odisha-768218	Two no. of Red Sand Boa	13th Aug 2020 To 12th Sept 2020

33	Rajalakshmi Sahu, M/23, Tri Colony, Belpahar, Jharsuguda, Jharsuguda, Odisha-768218	Three no. of Blue faced lorikeet	13th Aug 2020 To 12th Sept 2020
34	Sandhyarani Nayak, Lecturer in Zoology. Agarpada college. Agarpada, Bhadrak, Odisha-756100	One no. of Sambar Deer	15th Aug 2020 To 14th Feb 2021
35	Aurobindo Samal, Plot-242/905, At- Bahadalpur, Po- Sarakantara, Bhubaneswar, Khordha, Odisha-751019	One no. of Leopard Cat	15th Aug 2020 To 14th Sept 2020
36	Rasmi Bala Mohapatra, Vani Vihar, BBSR, Khorda, Odisha-751004	Three no. of Common Mongoose	15th Aug 2020 To 14th Sept 2020
37	RutamPrita Mishra, B-10 Quarters, Utkal University Campus, Vani Vihar, Bhubaneswar, Khorda, Odisha-751004	Six no. of Himalayan black Bear	15th Aug 2020 To 14th Sept 2020
38	SubratUdgata, Vasai Road West, Palghar, Maharashtra-401202	One no. of Black buck (white)	16th Aug 2020 To 15th Sept 2020
39	SubratUdgata, Vasai Road West, Palghar, Maharashtra-401202	One no. of Mandarin duck	16th Aug 2020 To 15th Sept 2020
40	Sujata Nanda, 125-A, sector -XI, Ukkunagaram, Vizag, Vizag, AP-530032	One no. of Nilgai /Bluebull	16th Aug 2020 To 15th Sept 2020
41	DebashreeDebasmita, Mahabir Bazar, near Hanuman Temple, Dhenkanal, Dhenkanal, Odisha-759001	One no. of Sambar Deer	16th Aug 2020 To 15th Sept 2020
42	Dr.sabyasachipati, Trident Galaxy E-411 Kalinga Nagar Bhubaneswar, Khurda, Odisha-751003	Thirteen no. of Indian star tortoise	17th Aug 2020 To 16th Sept 2020
43	Bramhaprakashmohanty, 1c/53, Cda 11, Cuttack, Odisha-753014	Seventeen no. of Barn owl	17th Aug 2020 To 16th Sept 2020
44	Dr.JN Sarangi, VSGH Ukkunagaram, Vizag, AP-530032	One no. of Spotted deer	19th Aug 2020 To 18th Sept 2020
45	S P Choudhury, Vile parle (East), Mumbai, Maharashtra-400099	One no. of Nilgai /Bluebull	19th Aug 2020 To 18th Sept 2020
46	Anis Kumar Kabiraj, Subhas Nagar Po Adra, Dist Purulia 723121 Wb, Purulia, West Bengal-723121	One no. of Jackal	20th Aug 2020 To 19th Sept 2020
47	Tarakanta Mallick, Radhanagar, Bhadrak, Odisha-756114	One no. of Assamese macaque	24th Aug 2020 To 23rd Feb 2021
48	Unknown, Base hospital, Lucknow, Uttar Pradesh-226002	One no. of Nilgai /Bluebull	24th Aug 2020 To 23rd Aug 2021
49	Swapnajitpattnaik, House 2rb 61/10, Unit 9, Bhubaneswar, Khorda, Odisha-751022	One no. of Himalayan black Bear	24th Aug 2020 To 23rd Sept 2020
50	Uditi dash, Ratha Lane, Aparnanagar, Chauliaganj Cuttack, Odisha-753004	One no. of Indian rock python	24th Aug 2020 To 23rd Aug 2021
51	Dr. Baidyanath Ojha, Nandor, Gandibed, Khaira Balasore, Odisha-756047	One no. of Bonnet macaque	25th Aug 2020 To 24th Sept 2020
52	Devi Suganya Karunamoorthy, D.No-117/105-2, 1st Floor Gokulae Street, Ramnagar, CBE-9., Coimbatore, Tamilnadu-641009	One no. of Blue faced lorikeet	25th Aug 2020 To 24th Sept 2020
53	Bishnucharansahoo, At-Nandankanan Po-Barang, Khorda, Odisha-754005	One no. of Black swan	25th Aug 2020 To 24th Nov 2020
54	Dr. Ipsita Jena, At/po- Dalanga, ps- Khaira, Balasore, Odisha-756047	One no. of Common Palm Civet	25th Aug 2020 To 24th Sept 2020
55	Mahendra Sethi, Nayagarh Auto College, Nayagarh, Odisha-752069	One no. of Nilgai /Bluebull	25th Aug 2020 To 24th Sept 2020
56	Tirumal, 41/a, ashoknagar, Khorda, Odisha-751007	One no. of Hamadryas Baboon	28th Aug 2020 To 27th Nov 2020
57	Dr Pusparaj Aditinandan Pradhan, Raghunathpur, Raini Residency, Bhubaneswar, Odisha-751024	One no. of Blossom headed parakeet	29th Aug 2020 To 28th Sept 2020
58	Dr Swetaleena Ashe, Raghunathpur, Raini Residency, Bhubaneswar, Odisha-751024	One no. of Budgerigar	29th Aug 2020 To 28th Sept 2020
59	Pruthwiraj Ansuman, Raini Residency, Raghunathpur, Patia, Khordha, Odisha-751024	One no. of Fischers love bird	1st Sept 2020 To 30th Sept 2020
60	Nikhila Bhatt, Gpn 4-17, Gajapati Nagar 4th Lane, Berhampur, Orissa-760010	One no. of Ganges soft shell turtle	2nd Sept 2020 To 1st Oct 2020
61	Dr. Sabyasachi Pati, Trident Galaxy, Kalinga Nagar, Bhubaneswar, Kurdha, Odisha-751003	One no. of White backed vulture	5th Sept 2020 To 4th Oct 2020
62	Hiranmaya Mohapatra, 301, Grandmark Exotica 2, Shampur Bhubaneswar, Khurda, odisha-751003	Three no. of Himalayan black Bear	6th Sept 2020 To 5th Oct 2020
63	Adhikari Suryakanta Dash, NISER Campus, Khordha, Odisha-752050	One no. of Alexandrine parakeet	6th Sept 2020 To 5th Oct 2020
64	Dr. SaswatSatapathy, Vimsar, Burla, Sambalpur, Odisha-768017	One no. of Indian Grey Wolf	7th Sept 2020 To 6th Oct 2020
65	Ayasha nayak, Home kundambhawan ,Majhipali, Burla, Sambalpur, Odisha-768017	One no. of Barking deer	8th Sept 2020 To 7th Oct 2020
66	Gaurav kumarsahu, Cm 4 Basanti Colony, Rourkela, Sundergarh, Odisha-769012	One no. of Chimpanzee	8th Sept 2020 To 7th Oct 2020
67	Deepti pradhan, Sidharthnagar ,1st Lane ,Berhampur Ganjam, odisha-760004	One no. of Chimpanzee	8th Sept 2020 To 7th Oct 2020

68	Dr. Dipeshkumar Padhihari, Kalinga Nagar, khandagiri Khurda, Odisha-751030	One no. of Barking deer	8th Sept 2020 To 7th Oct 2020
69	Itishree Acharya, Block K1, CR PARK, Delhi, Delhi-110019	One no. of Nilgai /Bluebull	9th Sept 2020 To 8th Oct 2020
70	Sagar Desai, Kalyan, Thane, Maharashtra-421204	One no. of Indian peafowl	9th Sept 2020 To 8th Oct 2020
71	Sagar Desai, Kalyan, Thane, Maharashtra-421204	One no. of Ganges soft shell turtle	9th Sept 2020 To 8th Dec 2020
72	AkankshyaPadhan, Bargarh, Bargarh, Odisha-768104	One no. of Jandaya conure	10th Sept 2020 To 9th Mar 2021
73	Ayushman Mohapatra, Bhubaneswar, Khordha, Odisha-751005	One no. of Blue faced lorikeet	10th Sept 2020 To 9th Oct 2020
74	Dr Aparna Priyadarshini Patra, L-211, Baramunda H. B. Colony, Bhubaneswar, Khurda, Odisha-751003	Two no. of Fischers love bird	10th Sept 2020 To 9th Dec 2020
75	Dr Arpita Subhadarshinee, At- Nandighosh Enclave, Infront of AIIMS BBSR, Khurda, Odisha-751019	One no. of Swainson's lorikeet	10th Sept 2020 To 9th Dec 2020
76	Dr Arpita Subhadarshinee, At- Nandighosh Enclave, Infront of AIIMS BBSR, Khurda, Odisha-751019	One no. of Yellow backed lorry	10th Sept 2020 To 9th Dec 2020
77	Debashreeta Pattanaik, Gulshan Ikebana, Sector -143 Noida, Uttar Pradesh-201304	One no. of Black headed munia	11th Sept 2020 To 10th Dec 2020
78	Nivedita Sahoo, Plot No 136, Venugopal Nagar Near Kistamma Enclave Secunderabad, Hyderabad, Telengana-500015	One no. of Indian peafowl white	12th Sept 2020 To 11th Oct 2020
79	Radha bhargava, m-38 ,Saket, new delhi, delhi-110017	One no. of King Cobra	18th Sept 2020 To 17th Sept 2021
80	Chinmayee Mohapatra, CDA, Cuttack, Odisha-753014	One no. of Indian peafowl white	21st Sept 2020 To 20th Oct 2020
81	Satrugna Mohapatra, CDA, Cuttack, Odisha-753014	One no. of Indian star tortoise	21st Sept 2020 To 20th Oct 2020
82	Mamata Mohapatra, CDA, Cuttack, Odisha-753014	One no. of Diamond Dove	21st Sept 2020 To 20th Oct 2020
83	Sumedha Mishra, B5,704,margosa Heights, Mohammadwadi Road Pune, Maharastra-411060	One no. of Cinereous vulture	24th Sept 2020 To 23rd Mar 2021
84	Eastern Risen Expedition Pvt Ltd 1267/2376 Ground Floor Bomikhal Canal Road Near Bank Of Baroda, 1267/2376 Gr Floor Bomikhal Canal Road,BBSR, Orissa-751006	One no. of Red Handed Tamarin	25th Sept 2020 To 24th Sept 2021
85	Surjya Narayan Tripathy, Brahmapur, Ganjam, Odisha-760004	One no. of Ganges soft shell turtle	26th Sept 2020 To 25th Oct 2020
86	Arjun Moharana, At - Barang, Cuttack, Odisha-754005	One no. of Emu	28th Sept 2020 To 27th Sept 2021
87	Swapneil Kampo, Mahanadi Vihar, Ainthapali,Sambalpur,Odisha-768004	One no. of Barking deer	28th Sept 2020 To 27th Mar 2021
88	Aswini Prasad Mohanty, Flat No- C2 514, Balaji Complex, Jail Road Jharpada, Odisha-751006	One no. of Hippopotamus	2nd Oct 2020 To 1st Oct 2021
89	Prabhas Chandra Panda, D-1015, sector-6, CDA, Markatanagara, Cuttack, Odisha-753014	One no. of Cockatiel	2nd Oct 2020 To 1st Oct 2021
90	Michael Peters, A - 4 / 2, Prakruti Bhawan, Khorda, Odisha-751012	One no. of Common Palm Civet	4th Oct 2020 To 3rd Oct 2021
91	Bibaswan Satpathy, Hig 1/5 Housing Board Colony chandrasekharpur bhubaneswar, Odisha-751016	One no. of Spotted deer	4th Oct 2020 To 3rd Nov 2020
92	PeeyushPadhi, Anupama Mansion,MIG-52,Pragati Enclave, Chandrashekarapur, Bhubaneswar, Odisha-751026	One no. of Jackal	4th Oct 2020 To 3rd Nov 2020
93	Smruti Saurav Nayak, Sailashree Vihar, Chandrasekharpur Bhubaneswar, Odisha-751021	One no. of Spotted deer	4th Oct 2020 To 3rd Nov 2020
94	Punyasloka Das, L-56, Nandan Enclave, Kalarahanga, Patia Bhubaneswar, Odisha-751024	One no. of Himalayan black Bear	4th Oct 2020 To 3rd Nov 2020
95	ABHISHEK PATTANAYAK, New Govt. Colony, Mancheswar Bhubaneswar-751017, Khordha, Odisha-751017	One no. of Jackal	8th Oct 2020 To 7th Oct 2021
96	CA Ajay Kumar Agarwalla, 50 Weston street, Kolkata West Bengal-700012	One no. of Blue faced lorikeet	8th Oct 2020 To 7th Oct 2021
97	PRANAYA KUMAR PATNAIK, Jatni, Khordha, Odisha-752050	One no. of Black headed munia	8th Oct 2020 To 7th Oct 2021
98	PRANATI MISHRA, Ratnabazar, Dhenkanal, Dhenkanal, Odisha-759013	One no. of Ostrich	8th Oct 2020 To 7th Oct 2021
99	Kabita Kumari Devi, At/po-Raghunathpur,Bhubaneswar, Odisha-751024	One no. of Alexandrine parakeet	9th Oct 2020 To 8th Oct 2021
100	Amit Kumar Jena, At/po Nadabani, Balasore, Odisha-756024	One no. of Blossom headed parakeet	9th Oct 2020 To 8th April 2021
101	Asit Kumar Jena, AT / PO Nadabani, Balasore, Odisha-756024	One no. of Diamond Dove	10th Oct 2020 To 9th April 2021
102	Manoj Kumar Mohanty, 68 Nandadevi VIP Enclave CS Pur Khorda, Odisha-751016	One no. of Grey hornbill	13th Oct 2020 To 12th Oct 2021
103	All India Online Pvt. Ltd., DCB-1106, 11th Floor, DLF Cyber City Chandaka Industrial Estate, Patia, Khorda, Odisha-751024	One no. of Cinereous vulture	14th Oct 2020 To 13th April 2021

104	Hitesh Pradhan, Sv 37 Shreekhetra Vihar, Aiginia, Khandagiri Khurdha, Orissa-751019	One no. of Grey heron	16th Oct 2020 To 15th Nov 2020
105	Harit Garg, House number 301 pocket G-30 Sector 3 Rohini, Delhi-110085	One no. of Blossom headed parakeet	16th Oct 2020 To 15th Nov 2020
106	Ravisha, Bal Kalyan Sr Sec School, Jamalpur, Gurugram Haryana-122503	One no. of Alexandrine parakeet	16th Oct 2020 To 15th Nov 2020
107	Ravisha, Bal Kalyan Sr Sec School, Jamalpur, Gurugram Haryana-122503	One no. of Common Squirrel Monkey	16th Oct 2020 To 15th Nov 2020
108	Sonalika Das, Satabdhi Vihar, Near Krushak Market, Cuttack, Odisha-753014	One no. of Emu	16th Oct 2020 To 15th Nov 2020
109	Prasenjit Nanda, Della 1004, Siddha Galaxia, Kolkata West Bengal-700135	One no. of Black buck	16th Oct 2020 To 15th Nov 2020
110	Kapil Narnaware, Symbiosis institute, Nagpur, Maharashtra-440035	One no. of Banded krait	16th Oct 2020 To 15th Nov 2020
111	Madhurekha Lader, H.no. 130k , sundarnagar, dhanora road, Durg Chhattisgarh-491001	One no. of Alexandrine parakeet	16th Oct 2020 To 15th April 2021
112	Nihar Panigrahi, Berhampur, Ganjam, Odisha-760010	One no. of Gaur	16th Oct 2020 To 15th Jan 2021
113	ayanakumawat, 27,ashapura colony, chittorgarh, rajasthan-312001	One no. of Indian star tortoise	16th Oct 2020 To 15th Nov 2020
114	Balakrishnan D, 25 East GowripuramSengunthapuram Post, Karur, Tamil Nadu-639001	One no. of Black buck	16th Oct 2020 To 15th Jan 2021
115	Sandeep Jha, Khailar Bhel, Jhansi, Uttar Pradesh-284120	One no. of Diamond Dove	16th Oct 2020 To 15th Nov 2020
116	Anjana Mangalagiri, A-143, First Floor, Defence Colony New Delhi-110024	One no. of Long billed vulture	16th Oct 2020 To 15th Oct 2021
117	Prabakaran Ramalingam, SV Pleasanta, Flat No 1305, Sarjapur Main Road, Chambenahalli, Bangalore Urban, Karnataka-562125	One no. of Hamadryas Baboon	16th Oct 2020 To 15th Oct 2021
118	BISWAJIT BEHERA, At-Raghunathpur, Khordha, Odisha-751024	One no. of Emu	16th Oct 2020 To 15th Nov 2020
119	Milind Sharma, Baroda, Baroda, Gujarat-390007	One no. of Black buck	16th Oct 2020 To 15th Nov 2020
120	Dr. Shabaaz Khan, Mohalla GhairSalabath Khan, Near Masjid Sadak Ali Khan, Rampur., Rampur, Uttar Pradesh-244901	One no. of Nilgai /Bluebull	16th Oct 2020 To 15th Nov 2020
121	Rushikesh Shinde, Mumbai, Mumbai Suburbs, Maharashtra-400091	One no. of Fischers love bird	16th Oct 2020 To 15th Nov 2020
122	Harshith Varasala, No : 409 , Ramky Enclave, Warangal Telangana-506002	One no. of Striped hyaena	16th Oct 2020 To 15th Nov 2020
123	Manisha Kumari Sharma, MN 296 Basant Vihar NA A3 Kota, Rajasthan-324009	One no. of Blue faced lorikeet	16th Oct 2020 To 15th Nov 2020
124	Nikhil Sharma, MN 296 Basant Vihar NA A3, Kota, Rajasthan-324009	One no. of Cockatiel	16th Oct 2020 To 15th Nov 2020
125	Narendra Sharma, MN 296 Basant Vihar NA A3, Kota,Rajasthan-324009	One no. of Jungle Cat	16th Oct 2020 To 15th Nov 2020
126	Ayasha nayak, Kundan Bhawan,Majhipali, Burla Sambalpur, Odisha-768017	One no. of Assamese macaque	16th Oct 2020 To 15th Nov 2020
127	SANTIBHUSAN ACHARYA, AECS Layout, Marathahalli, Bangalore Urban Karnataka-560037	One no. of Indian peafowl white	16th Oct 2020 To 15th Nov 2020
128	SIDDHARTHA MOHAPATRA, Choudwar, Cuttack, Odisha-754025	One no. of Alexandrine parakeet	16th Oct 2020 To 15th Nov 2020
129	Madhuparna Roy, Flat A1A , Purti Star Apartment, Rajarhat Main Road, North Twenty Four Pargana, West Bengal-700136	One no. of Alexandrine parakeet	17th Oct 2020 To 16th Nov 2020
130	Shivam Prasad, D59/365-A-2 Jai Prakash Nagar, Varanasi Uttar Pradesh-221010	One no. of Russel's viper	17th Oct 2020 To 16th Nov 2020
131	Oorjasvi Goswami, C - 6/ 87, Chitrakoot Yojana, Vaishali Nagar, Jaipur, India-302021	One no. of Barking deer	17th Oct 2020 To 16th Nov 2020
132	Rohit Kumar Singh, Block No 177 Quarter No 23, Gulmohor Avenue Railway Quarters, Howrah, West Bengal-711101	One no. of Spotted deer	17th Oct 2020 To 16th Jan 2021
133	Divyansh Mehta, New Bhupalpura, Udaipur, Rajasthan-313001	One no. of Long billed vulture	17th Oct 2020 To 16th Oct 2021
134	Mouluka Triveni Donga, Gachibowli, 123, Hyderabad, Telangana-500081	One no. of Cockatiel	17th Oct 2020 To 16th Nov 2020
135	Arushi Mathur, 10, AshapurnaNanomax, Shikargarh, Ahead Shikargarh Mini Market, Jodhpur, Rajasthan-342001	One no. of Emu	17th Oct 2020 To 16th Nov 2020
136	ManasaSandepudi, 99B Kavuri Hills Phase 3, Madhapur, Hyderabad Telangana-500081	One no. of Leopard / Panther	17th Oct 2020 To 16th Oct 2021
137	Dinesh Suvvari, 7-1-127, Moningivari Street, Amadalavalasa, Srikakulam, Andhra Pradesh-532185	One no. of Java sparrow	17th Oct 2020 To 16th Nov 2020

138	Adarsh kumarsingh, Village- Adampur, Post-Gosainpur, Ballia, Uttar Pradesh-277303	One no. of Diamond Dove	17th Oct 2020 To 16th Nov 2020
139	Mivaan, FLAT NO. FF4, Siddi Bharati Elegance, Above SBI chinimusidiwada, Visakhapatnam, Visakhapatnam Andhra Pradesh-530047	One no. of Hippopotamus	17th Oct 2020 To 16th Nov 2020
140	Manoj Kumar, 165-F, Pocket IV, Mayue Vihar Phase-1, NewDelhi Sadbhawna Apartment, Delhi, Delhi-110091	One no. of Indian pangolin	17th Oct 2020 To 16th Nov 2020
141	Manoj Kumar, 165-F, Pocket IV, Mayue Vihar Phase-1, NewDelhi Sadbhawna Apartment, Delhi, Delhi-110091	One no. of Sloth Bear	17th Oct 2020 To 16th Jan 2021
142	Ananyaa, 49 3rd cross 3rd main VHBCS layout kurubarahalli, Bangalore, Karnataka-560086	One no. of Alexandrine parakeet	17th Oct 2020 To 16th Oct 2021
143	Kaustubh Tripathi, 671, Padmalaya, Civil Lines, Near New Chaugurji Near Bank Of Baroda, Etwah, Uttar Pradesh-206001	One no. of Banded krait	18th Oct 2020 To 17th Nov 2020
144	Surya and Friends, At-Benajhar Po-Khankira, Dhenkanal, Odisha-759016	One no. of Diamond Dove	19th Oct 2020 To 18th Nov 2020
145	Basantakuamr swain, Jyoti Nivas,Plot-858, Malipada Khurdha, Odisha-751003	One no. of Spotted deer	20th Oct 2020 To 19th April 2021
146	Jana Chakrabarti, Belghoria, 24 PGS (North), West Bengal-700056	One no. of Giant squirrel	20th Oct 2020 To 19th Jan 2021
147	Chinmoy Chanda, M/142, Baramunda. H.B.Colony. Bhubaneswar, Khorda, Odisha-751003	One no. of Himalayan black Bear	20th Oct 2020 To 19th Oct 2021
148	Chani Gupta, Toshali Apartment, Satyanagar, Bhubaneswar, Odisha-751007	One no. of Leopard Cat	20th Oct 2020 To 19th Jan 2021
149	priyanka, mundiakhara, mahendergarh, haryana-123029	One no. of Diamond Dove	20th Oct 2020 To 19th Jan 2021
150	Aditya Vishwakarma and Sneha Vishwakarma, Vastu Park Jachak Nagar Jai bhavaniRoad, Nashik Road, Nashik, Maharashtra-422101	One no. of Asiatic lion	20th Oct 2020 To 19th Nov 2020
151	Priyanka pathak, 115 Mansagar Colony , infront of st. Verona School Shyopur road, pratapnagar, jaipur, Jaipur, Rajasthan-302033	One no. of Star finch	20th Oct 2020 To 19th Nov 2020
152	Sai Krishna chaitanya, Flat no.9,Shanthi apartments, Nellore, Andhra pradesh-524001	One no. of Black headed munia	21st Oct 2020 To 20th Oct 2021
153	Ankita Rath, Plot No.1184/5, Nayapalli, Bhubaneswar, Odisha-751012	One no. of Giant squirrel	21st Oct 2020 To 20th Nov 2020
154	Chetan, 105, Tierra Viva society, Baner,, Pune city, Maharashtra-411045	One no. of Barn owl	21st Oct 2020 To 20th Nov 2020
155	Bhanuthejamusunuru, Cloud9 apartments, Flat-201, Kompally Hyderabad, Rangareddy, Telangana-500014	One no. of Striped hyaena	21st Oct 2020 To 20th Oct 2021
156	Bhanuthejamusunuru, Cloud9 apartments, Flat-201, Kompally Hyderabad, Rangareddy, Telangana-500014	One no. of Red Sand Boa	21st Oct 2020 To 20th Oct 2021
157	RAJESH KRISHNAN, 133, Basti Road, Baneikela, PS Joda Keonjhar, Odisha-758038	One no. of Common Mongoose	22nd Oct 2020 To 21st Nov 2020
158	AARYAVEER KOCHHAR, B 22 First Floor West End Colony New Delhi, Delhi-110021	One no. of Indian porcupine	23rd Oct 2020 To 22nd Nov 2020
159	Vishal B, Mumbai, Thane, Maharashtra-400706	One no. of Mandarin duck	24th Oct 2020 To 23rd Jan 2021
160	Vishal B, Mumbai, Thane, Maharashtra-400706	One no. of Sarus crane	24th Oct 2020 To 23rd Nov 2020
161	Vishal B, Mumbai, Thane, Maharashtra-400706	One no. of Swamp deer	24th Oct 2020 To 23rd Nov 2020
162	Vishal B, Mumbai, Thane, Maharashtra-400706	One no. of Hippopotamus	24th Oct 2020 To 23rd Nov 2020
163	Animals' Amigo, Online group, Ganjam, Odisha-760002	One no. of Black swan	24th Oct 2020 To 23rd Nov 2020
164	Animals' Amigo, Online group, Ganjam, Odisha-760002	One no. of Black buck (white)	24th Oct 2020 To 23rd April 2021
165	Animals' Amigo, Online group, Ganjam, Odisha-760002	One no. of Barn owl	24th Oct 2020 To 23rd Nov 2020
166	Animals' Amigo, Online group, Ganjam, Odisha-760002	One no. of Burmese python	24th Oct 2020 To 23rd Nov 2020
167	Sadaf Alam, Baxi Bazar, Cuttack, Odisha-753001	One no. of Jungle Cat	27th Oct 2020 To 26th Jan 2021
168	Jayant Kumar Das, Qr No Type Vic 2/2 Unit-1 Bhubaneswar Khordha, Odisha-751009	One no. of Alexandrine parakeet	28th Oct 2020 To 27th Nov 2020
169	Poorvi Mishra, Bajrakabati Rd, Cuttack, Odisha-753001	One no. of Himalayan black Bear	29th Oct 2020 To 28th Oct 2021
170	Yadukumar, Vill.-Fatehpurakhurd, The-Kotputali Jaipur, Rajasthan-303106	One no. of Jackal	30th Oct 2020 To 29th Nov 2020
171	Jogesh Chandra Sahu, B-6, SBI Executive Enclave,Door no.8-2-338 to 348, Road no.5, Banjara Hills, Hyderabad, Telangana-500034	Four no. of Alexandrine parakeet	2nd Nov 2020 To 1st Nov 2021
172	Sesna dash, E/72, koelnagar, Rourkela, Sundargarh, Odisha-769014	One no. of Hog Deer	2nd Nov 2020 To 1st Dec 2020

173	Sesna dash, E/72, koelnagar, Rourkela, Sundargarh, Odisha-769014	One no. of Hippopotamus	2nd Nov 2020 To 1st Dec 2020
174	Rizwan Khan, Sector 3 Qtr No -a111 Damanjodi, Koraput, Orissa-763008	One no. of Mandarin duck	3rd Nov 2020 To 2nd Dec 2020
175	Rizwan Khan, Sector-3 Qtr No-a111, Koraput, Orissa-763008	One no. of Spotted deer	3rd Nov 2020 To 2nd Dec 2020
176	Sunia Soren, Qtr No- B/1920, At/po- Nalconagar, Angul, Odisha-759145	One no. of Nilgai /Bluebull	3rd Nov 2020 To 2nd Nov 2021
177	M/s H & L Enterprises, Tangi, Cuttack, Odisha-754022	One no. of Indian elephant	4th Nov 2020 To 3rd Dec 2020
178	M/s H & L Enterprises, Tangi, Cuttack, Odisha-754022	One no. of Cockatiel	4th Nov 2020 To 3rd Nov 2021
179	NITIN S GARGE, 301,Bldg No.11,Royal Residency, Birla College Road Kalyan, THANE, MAHARASHTRA-421301	One no. of Black buck	5th Nov 2020 To 4th Nov 2021
180	Snobarjeet Kaur Mann, H No 10, Street No 2, Sant Nagr Icche Wala Road, Near Church Ferozepur City, Punjab 152002	One no. of Mandarin duck	5th Nov 2020 To 4th Dec 2020
181	Snobarjeet Kaur Mann, H No 10, Street No 2, Sant Nagr, Icche Wala Road, Near Church Ferozepur City, Punjab 152002, Ferozepur, Punjab-152002	One no. of Yellow backed lorry	5th Nov 2020 To 4th Dec 2020
182	Chandanam, Markatnagar, Abhinav Bidanasi, Cuttack, Odisha-753014	One no. of Himalayan black Bear	6th Nov 2020 To 5th Nov 2021
183	Chandanam, Markat Nagar, Abhinav Bidanasi, Cuttack, Cuttack, Odisha-753014	One no. of Mandarin duck	6th Nov 2020 To 5th Nov 2021
184	Dr Subhashree Shanti Sudha, Snehakutira, Brahmeswarpatna Baragarh Brit Colony , Bhubaneswar, khorda, odisha-751018	One no. of Nilgai /Bluebull	12th Nov 2020 To 11th Nov 2021
185	Kishan Nath, Indranagar, Agartala, West Tripura, Tripura-799006	One no. of Chitra turtle	12th Nov 2020 To 11th Dec 2020
186	Rahul, Mandawaidelhi, East Delhi, New Delhi-110092	One no. of Indian tent turtle	12th Nov 2020 To 11th Dec 2020
187	Giteshkumardeshmukh, Village Allbarasthanaanda Durg, Chhattisgarh-491221	One no. of Common Palm Civet	12th Nov 2020 To 11th Dec 2020
188	Anandamayee Nanda, Athagarh, Cuttack, Odisha-754029	One no. of Leopard / Panther	12th Nov 2020 To 11th Dec 2020
189	Ishwar Harishchandra Chinholkar, Latur, Latur, Maharashtra-413512	One no. of Barn owl	12th Nov 2020 To 11th Dec 2020
190	Srimaya Tripathy, Bheden, BARGARH, Odisha-768104	One no. of Indian flap shell turtle	12th Nov 2020 To 11th Feb 2021
191	Anshul Gupta, Plot No. 2, Atul Parisar, Sanjeevani Nagar, Garha Jabalpur, Jabalpur, Madhya Pradesh-482003	One no. of Spotted deer	12th Nov 2020 To 11th Dec 2020
192	Anshul Gupta, Plot No. 2, Atul Parisar, Sanjeevani Nagar, Garha Jabalpur, Jabalpur, Madhya Pradesh-482003	One no. of Indian chameleon	12th Nov 2020 To 11th Dec 2020
193	Yashwanth Rao Gujja, 1-1-116/A, Prashanth Nagar (opp N.I.T), Kazipet, Warangal, Telangana-506004	One no. of Bramhiny kite	12th Nov 2020 To 11th Dec 2020
194	Saroj Kr Nirala, At Patel Nagar Dakra, Munger, Bihar-811201	One no. of Alexandrine parakeet	12th Nov 2020 To 11th Nov 2021
195	SkandAmoli, 75,kalidas road,Dehradun, Dehradun,Uttarakhand-248001	One no. of Ring necked Dove	12th Nov 2020 To 11th Dec 2020
196	Keshin Kumar Pradhani, At-damapala, Po-chindaguda, Via-khariar Dist-Nuapada, Nuapada, Orissa-766107	One no. of Barn owl	12th Nov 2020 To 11th Dec 2020
197	Udaya Meher, Lathor, Bolangir, Odisha-767038	Two no. of Budgerigar	12th Nov 2020 To 11th Feb 2021
198	Nitin Singh, G-7/112,rohini ,sector-15, Flat No. -112, North West Delhi, Delhi-110089	One no. of Diamond Dove	12th Nov 2020 To 11th Nov 2021
199	Vivek Kumar, Vill-Deodhiya P.O- Parsagrah, Saran, Bihar-841220	One no. of Java sparrow	12th Nov 2020 To 11th Dec 2020
200	Mayank Sinha, Flat no 107, Shraddha Springfield Aptment, Outer Ring Road horamavu, Bangalore, Karnataka-560043	One no. of Indian hare	12th Nov 2020 To 11th Dec 2020
201	Akriti Tewari, Delhi, Delhi, New Delhi-110070	One no. of Diamond Dove	13th Nov 2020 To 12th Nov 2021
202	Sanjana Rao, Latur, Latur, Maharashtra-413512	One no. of Alexandrine parakeet	13th Nov 2020 To 12th Nov 2021
203	Abhisek Mohanty, Markandeswarsahi, Bhatajaga Lane, Puri, Odisha-752001	One no. of Nilgai /Bluebull	13th Nov 2020 To 12th Feb 2021
204	Rizwan Khan, Sec-3 A/111 Nalco Damanjodi, Koraput, Odisha-763008	One no. of Spotted deer	14th Nov 2020 To 13th Dec 2020
205	Rizwan Khan, Sec-3 A/111 Nalco Damanjodi, Koraput, Odisha-763008	One no. of Mandarin duck	14th Nov 2020 To 13th Dec 2020
206	Rizwan Khan, Sec-3 A/111 Nalco Damanjodi, Koraput, Odisha-763008	One no. of Black buck	14th Nov 2020 To 13th Dec 2020
207	Rizwan Khan, Sec-3 A/111 Nalco Damanjodi, Koraput, Odisha-763008	One no. of Fischers love bird	14th Nov 2020 To 13th Dec 2020
208	Rizwan Khan, Sec-3 A/111 Nalco Damanjodi, Koraput, Odisha-763008	One no. of Indian chameleon	14th Nov 2020 To 13th Dec 2020
209	Jigar Gandhi, S b Bhatt Building , old Nagardas road, Andheri East Mumbai, Maharashtra-400069	One no. of Blue faced lorikeet	14th Nov 2020 To 13th Dec 2020
210	Vinod Kumar Shanmugam, No. 18, SPK Nagar, Behind Hotel Sanaas Inn Bhaarithiyaar University Post, Kalveerampalayam, Coimbatore Tamil Nadu-641046	One no. of Eastern rosella	14th Nov 2020 To 13th Nov 2021

211	Vinod Kumar Shanmugam, No. 18, SPK Nagar, Behind Hotel Sanaas Inn Bhaarithiyaar University Post, Kalveerampalayam, Coimbatore Tamil Nadu-641046	One no. of Bengal Tiger (NCT)	14th Nov 2020 To 13th Nov 2021
212	H.Padma Priya, House no.221, C4C, Janakpuri New Delhi-110058, South west Delhi, New Delhi-110058	One no. of Russel's viper	14th Nov 2020 To 13th Dec 2020
213	Rajat Kumar Biswal, Chhatishdehil, Jajpur, Odisha-755017	One no. of Long billed vulture	14th Nov 2020 To 13th Feb 2021
214	Kumari Noopur, Fortune Square Complex, Block 2, Flat Number-B4 Hatiyara Roy Para, Noapara, Kolkata, North 24 Parganas West Bengal-700157	One no. of Fischers love bird	14th Nov 2020 To 13th Dec 2020
215	Atanu Das, Kbm, Chakdaha, Nadia, West Bengal-741222	One no. of Black buck	14th Nov 2020 To 13th Dec 2020
216	Jayanta Devnath, Pratap Nagar, Ward Number 5, Nabadwip, Nadia West Bengal-741302	One no. of Fischers love bird	15th Nov 2020 To 14th Dec 2020
217	satyajitsamal, Dasanali, Talcher, Angul, Odisha-759104	One no. of Black buck (white)	15th Nov 2020 To 14th Nov 2021
218	Hemant kumarMaski, Behind the agrawal Petrol pump ambedkar ward betul road multai, Multai, Madhya Pradesh-460661	One no. of Indian chameleon	15th Nov 2020 To 14th Dec 2020
219	KamatchiSelvaraju, Trichy, Trichy, Taminadu-620017	One no. of Spotted deer	15th Nov 2020 To 14th May 2021
220	Kanad Chourasia, 3rd Street, Sadar Bazar, Jabalpur, Jabalpur Madhya Pradesh-482001	One no. of Indian tent turtle	15th Nov 2020 To 14th Nov 2021
221	Subrat Kumar Satpathy, Flat P 203, Aparna Cyberzon, Nallagandla, K.v.rangareddy, Telangana-500019	One no. of Black buck	17th Nov 2020 To 16th May 2021
222	Bichitra Patra, Badambadi Cuttack, Cuttack, Odisha-753012	One no. of Small indian civet	17th Nov 2020 To 16th Dec 2020
223	Parikshitabhanja, AT-BIRAS, Bhadrak, Odisha-756125	One no. of Diamond Dove	17th Nov 2020 To 16th Dec 2020
224	M V Joshi, Flat 4 Shubhangiapttssavarkar Colony rd no 1 X st colony road vishrambag, sangli, maharashtra-416415	One no. of Common Squirrel Monkey	20th Nov 2020 To 19th Nov 2021
225	AbhigyanSahu, Satyasai enclave, Khandagiri, Bhubaneswar Khordha, Odisha-751030	One no. of Spotted deer	23rd Nov 2020 To 22nd Dec 2020
226	Sai Sharanya Sahu, Satyasai enclave, Khandagiri, Bhubaneswar Khordha, Odisha-751030	One no. of Spotted deer	23rd Nov 2020 To 22nd Dec 2020
227	Subhashish Baral, At- Sunailo, Cuttack, Cuttack, Odisha-754207	One no. of Fischers love bird	23rd Nov 2020 To 22nd Feb 2021
228	Sopaaan Srivastava, 545/509 Bhavyapuram, Narpatkhera, para Lucknow, Uttar Pradesh-226011	One no. of Alexandrine parakeet	24th Nov 2020 To 23rd Dec 2020
229	Shreya Smruti Mohanty, 102 ganga, harshpriya enclave, Rangamatia Mancheswar, Odisha-751017	One no. of Nilgai /Bluebull	24th Nov 2020 To 23rd Feb 2021
230	Shreya Srivastav, Purushottam Das Lane, A.N Road, Murarpur, Gaya, Bihar-823001	One no. of Long billed vulture	24th Nov 2020 To 23rd Dec 2020
231	Ramesh Vijayan, Vrindavan House, Haridas Nagar, Thamaryoor PO Trissur, Kerala-680505	One no. of Lion	25th Nov 2020 To 24th Dec 2020
232	Sagarika Chandel, Kalaptaru Niwas, Swarnpuri Road, Patia Bhubaneswar-751024	One no. of Bonnet macaque	25th Nov 2020 To 24th Dec 2020
233	Rashmi Ranjan Nayak, At-Trident Galaxy Apartment, Bhubaneswar, Khordha, Odisha-751003	One no. of Himalayan black Bear	27th Nov 2020 To 26th Nov 2021
234	Uttara Samir Ruparel, Navi Mumbai, Navi Mumbai Maharashtra-400614	One no. of Barking deer	3rd Dec 2020 To 2nd Jan 2021
235	Panna Das, A 585 sushantlok, phase I, Gurgaon, Haryana-122002	One no. of Fischers love bird	4th Dec 2020 To 3rd Dec 2021
236	Uttara Samir Ruparel, Navi Mumbai, Navi Mumbai, Maharashtra-400614	One no. of Blue faced lorikeet	4th Dec 2020 To 3rd Jan 2021
237	Shilpi Kumari, HBPCCL B90 family quarter, Sholtu, Post Office Tapri Kinnaur, Kinnaur, Himachal Pradesh-172104	One no. of Indian star tortoise	6th Dec 2020 To 5th Jan 2021
238	Sudipta Roy, 39/1/1 N.C. Saha Road, Bhadra kali, Hooghly, West Bengal 712232, Sambalpur, West Bengal-712232	One no. of Ganges soft shell turtle	7th Dec 2020 To 6th Mar 2021
239	Sesna Dash, E/72, Koelnagar, Rourkela, Sundargarh, Odisha-769014	Two no. of Common Palm Civet	7th Dec 2020 To 6th Jan 2021
240	Sesna Dash, E/72, Koelnagar, Rourkela, Sundargarh, Odisha-769014	Two no. of Indian porcupine	7th Dec 2020 To 6th Jan 2021
241	Priyambada Dutta, C-8, Gangotri Nagar Road No 3, Sishupalagarh, Khordha, Odisha-751002	One no. of Blue faced lorikeet	9th Dec 2020 To 8th Jan 2021
242	Abhishek Kumar S, No-103, Annai Theresa Street, Indira Nagar, Near New Railway Station, Kanchipuram, Tamilnadu-631502	One no. of Spotted deer	9th Dec 2020 To 8th Jan 2021

243	Beena MadanMohan, 804/A, Florentine, Main Street, Hiranandani Powai, Mumbai, Maharashtra-400076	One no. of Fischers love bird	11th Dec 2020 To 10th Dec 2021
244	Rhia Mehta, C-701, Pleasant Palace, Sodawala Lane, Borivali West, 400091-400091	One no. of Barn owl	11th Dec 2020 To 10th Jan 2021
245	Amulya Moharana, Barang, Cuttack, Odisha-754005	One no. of Tufted Capuchin	11th Dec 2020 To 10th Dec 2021
246	Madhusmita Pradhan, Balipada. Bhubaneswar, Odisha-754005	One no. of White backed vulture	13th Dec 2020 To 12th Dec 2021
247	Saina Patra, Bhubaneswar, Khurdha, Odisha-751201	One no. of Little egret	15th Dec 2020 To 14th Dec 2021
248	Aryaa Manaswini, Bhubaneswar, Khurdha, Odisha-751021	One no. of Swainson's lorikeet	15th Dec 2020 To 14th Dec 2021
249	Bighnesh Narayan Tripathy, E-407,Falcon Residency, KIIT Road Patia, Khorda, Odisha-751024	One no. of Mandarin duck	18th Dec 2020 To 17th Mar 2021
250	Keshav Dhoot, 80, Malaharganj, Kannod, Madhya Pradesh, Dewas Madhya Pradesh-455332	One no. of Diamond Dove	18th Dec 2020 To 17th Jan 2021
251	Nirod Kumar Samal, Jashipur, Mayurbhanj, Odisha-757034	One no. of Budgerigar	18th Dec 2020 To 17th Dec 2021
252	Abhishek Kheterpal, House No.53, Sector 31, Gurgaon-122001, Haryana, India, Behind Ryan School Sector 31, Gurgaon Gurgaon, Haryana-122001	One no. of King Cobra	18th Dec 2020 To 17th June 2021
253	Anuj Sahoo, Plot no 1253 Lane 15 Sriram Nagar, Bhubaneswar, Odisha-751002	One no. of Laughing Dove	19th Dec 2020 To 18th Jan 2021
254	Vivaan Bharadwaj Rath (mowgli), 25, Forest Park, Bhubaneswar Khurdha, Odisha-751009	One no. of Indian elephant	20th Dec 2020 To 19th Jan 2021
255	Parbati Hansdah, Berhampur University, Ganjam, Odisha-760007	One no. of Ring necked Dove	20th Dec 2020 To 19th Jan 2021
256	Manie Ravi, D50, Nanda Devi Vip Enclave, Chandrasekharpur Khorda, Odisha-751016	One no. of Black buck	21st Dec 2020 To 20th June 2021
257	Surojato Roy, Kolkata, Kolkata, WB-700103	One no. of Red Sand Boa	21st Dec 2020 To 20th Jan 2021
258	Ravikumar P, 704, KalpvrukshChsl, Babhai Naka, Borivali west, Mumbai, Maharashtra-400091	One no. of Hippopotamus	22nd Dec 2020 To 21st Dec 2021
259	Ajit Kashinath Nayak, Kashinath Bhawan, Satsang Colony, ITL., Balasore, Odisha-756001	One no. of Alexandrine parakeet	22nd Dec 2020 To 21st Jan 2021
260	Subhasmita Rout, New Govt. Colony, Bbsr, Khordha, Odisha-751017	One no. of Common Palm Civet	24th Dec 2020 To 23rd Jan 2021
261	Mamata Dash, Flat No: C#332 Manorama Mansion Manorama Estate, Rasulgarh-107, Bhubaneswar, Khordha, Odisha-751010	One no. of Swamp deer	24th Dec 2020 To 23rd Dec 2021
262	Aishwarya Sharma, Rakshaknagar Phase-2 ,Bldg-9 ,Flat-303, Beside Shell Petrol Pump ,Kharadi, Pune, Maharashtra-411014	One no. of Spotted deer	24th Dec 2020 To 23rd June 2021
263	Sripriya Maharana, Br-24,bhola Recidency, Raghunathpur Pur, Bhubaneswar, Khudra, Odisha-754005	One no. of Indian peafowl	25th Dec 2020 To 24th Dec 2021
264	Sripriya Maharana, Br-24,bhola Recidency, Raghunathpur Pur, Bhubaneswar., Khudra, Odisha-754005	One no. of Alexandrine parakeet	25th Dec 2020 To 24th Dec 2021
265	Nishant Mishra, Flat No-102 B, Annapurna Residency, Satya Nagar, Bhubaneswar, Khurda, Odisha-751007	One no. of Spotted deer	30th Dec 2020 To 29th Dec 2021
266	Debdas Barik, F.m.nagarbalasore, Balasore, Orissa-756001	One no. of Cockatiel	31st Dec 2020 To 30th Jan 2021
267	Niharika Naveen, Banglore, Karnataka, Bangalore, Karnataka-563337	One no. of Indian peafowl	1st Jan 2021 To 31st Mar 2021
268	Urvashi Misra, 122/132 Sarojini Nagar, Kanpur, Uttar Pradesh-208012	Two no. of Fischers love bird	1st Jan 2021 To 30th June 2021
269	Sri Nandhini Saravanan, F3, Mangalam Apartments, Nagal Nagar, Dindigul, Tamil Nadu-624003	One no. of Spotted deer	4th Jan 2021 To 3rd Jan 2022
270	Snigdha dash, E/72,koelnagar,rourkela, Sundargarh, Odisha-769014	Three no. of Ostrich	5th Jan 2021 To 4th Feb 2021
271	Snigdha dash, E/72,koelnagar,rourkela, Sundargarh, Odisha-769014	One no. of Oriental scops owl	5th Jan 2021 To 4th Feb 2021
272	Atharv, Guhan Flat Second Floor Thillai Ganga Nagar, Chennai, Tamilnadu-600061	One no. of Alexandrine parakeet	6th Jan 2021 To 5th Feb 2021
273	Ridhaan Raj Samal, VIM-298, Sailashreevihar, Bhubaneswar, Khordha, Odisha-751021	One no. of Assamese macaque	8th Jan 2021 To 7th April 2021
274	Ridhaan Raj Samal, VIM-298, Sailashreevihar, Bhubaneswar, Khordha, Odisha-751021	One no. of Barbary Dove	8th Jan 2021 To 7th July 2021
275	Vihaan Mitra, Flat No. C 1904, Aparna Serene Park, Masjid Banda Road, Kondapur, Hyderabad, Ranga Reddy, Telangana-500084	One no. of Bonnet macaque	9th Jan 2021 To 8th July 2021
276	Ashok Kumar Bhanja, Dhakin Kali Road, Dhenkanal, Odisha-947501	One no. of Indian porcupine	12th Jan 2021 To 11th Jan 2022
277	Chitta & Koyal, Nuagaon, Niali, Cuttack, Odisha-754004	Two no. of Fischers love bird	13th Jan 2021 To 12th April 2021

278	Anupriya& Amit Srivastava, 3/876 , EWS , AVC , Jhunsi , Allahabad, Up-211019, Allahabad, India-211019	One no. of Barbary Dove	15th Jan 2021 To 14th Feb 2021
279	Harish Sahu, Bargarh, Bargarh, Odisha-768040	One no. of Fischers love bird	15th Jan 2021 To 14th Feb 2021
280	Anshul Gupta, Plot No. 2, Atul Parisar, Sanjeevani Nagar, Garha, Jabalpur, Madhya Pradesh-482003	One no. of Mandarin duck	17th Jan 2021 To 16th Feb 2021
281	Anshul Gupta, Plot No. 2, Atul Parisar, Sanjeevani Nagar, Garha, Jabalpur, Madhya Pradesh-482003	One no. of Ganges soft shell turtle	17th Jan 2021 To 16th Feb 2021
282	Christina David for BTS Bengaluru Desimys, C-03, 3rd Floor, Apple Tree Apartments, Kaveri Arcade, IPCA Labs, Venkateshwara Layout, Bangalore, Karnataka-560029	One no. of Jungle Cat	20th Jan 2021 To 19th July 2021
283	A Ramani, CL2-101, Brahma Suncity, Wadgaonsheri, Maharashtra-411014	One no. of Brow antlered deer/ Sangai	21st Jan 2021 To 20th Feb 2021
284	Viresh, Patia, Khurda, Odisha-751024	One no. of Common Squirrel Monkey	23rd Jan 2021 To 22nd April 2021
285	Ankita Muddalkar, 104, 'Rajvarsh', Netaji Apt Society, Friends colony, Katol Road, Nagpur, Maharashtra-440013	One no. of Chitra turtle	25th Jan 2021 To 24th Feb 2021
286	Avyan Biswas, A5/ 19, Comfort Zone, Balewadi, Pune, Maharashtra-411045	One no. of Little egret	26th Jan 2021 To 25th Feb 2021
287	Bibhuti Bhusan Das, F/849, CDA, SEC-7, Bidanasi, Cuttack, Orissa-753014	One no. of Barking deer	28th Jan 2021 To 27th Jan 2022
288	Shruthi Rajamanickam, Bengaluru South, Bengaluru, Karnataka-560076	One no. of Chitra turtle	28th Jan 2021 To 27th April 2021
289	G KUSHAL KUMAR, Gajuwaka, Visakhapatnam, Andhra Pradesh-530044	One no. of Nilgai /Bluebull	29th Jan 2021 To 28th Feb 2021
290	Keerthi L, Karimnagar, Karimnagar, Telangana-505001	One no. of Indian peafowl	1st Feb 2021 To 30th April 2021
291	Ashwati, G407 Wisteria Apartments, Coimbatore, Coimbatore, Tamil Nadu-641037	One no. of Banded krait	2nd Feb 2021 To 1st Feb 2022
292	Mamata Dash, Rasulgarh, Bhubaneswar, Khurdha, Odisha-751010	One no. of Koel	6th Feb 2021 To 5th Feb 2022
293	Atharv, Guhan Flat Second Floor Thillai Ganga Nagar, Chennai, Tamilnadu-600061	One no. of Blue faced lorikeet	8th Feb 2021 To 7th Mar 2021
294	Atharv, Guhan Flat Second Floor Thillai Ganga Nagar, Chennai, Tamilnadu-600061	One no. of Blossom headed parakeet	8th Feb 2021 To 7th Mar 2021
295	Joy Chatterjee, D Flat 05,birla Colony,satna 485005, Satna, Madhya Pradesh-485005	One no. of Spotted deer	10th Feb 2021 To 9th Mar 2021
296	Siddharth Bafna, Erandwane, Pune, Maharashtra-411004	One no. of Indian Grey Wolf	10th Feb 2021 To 9th May 2021
297	Reyansh Rajveer, Flat no C-107, C Block, 1st Floor, Royal Residency, Cantonment Road, near Roopkalyani, Cuttack, Odisha-753001	One no. of Burmese python	11th Feb 2021 To 10th Mar 2021
298	Dr Ishan fursule, Akola, Akola, Maharashtra-444001	One no. of Indian tent turtle	12th Feb 2021 To 11th May 2021
299	Anbarshi Malay, Sribagh Colony, Kothaguda, Hi-tech City, RangaReddy, Telangana-500084	One no. of Black buck	14th Feb 2021 To 13th Mar 2021
300	Teertha Umesh Irla, A-16, Aditya Garden Floraa, Warje, Pune 411058, Pune, Maharashtra-411058	One no. of Hippopotamus	17th Feb 2021 To 16th Mar 2021
301	VIKASH GILRA, Tulsipur, Cuttack, Cuttack, Odisha-753008	One no. of White backed vulture	18th Feb 2021 To 17th Feb 2022
302	Mihir Kumar Jena, Flat No.202, Radhakrishna Enclave, Unit-VI, Bhubaneswar, Odisha-751001	One no. of Stump Tailed Macaque	23rd Feb 2021 To 22nd Feb 2022
303	Wildlife Biodiversity Conservation, ABDUL LATIF G N.-3, H.N-204, Moonga Nagar north-east delhi -94, North-East delhi, DELHI-110094	One no. of Spotted deer	28th Feb 2021 To 27th Mar 2021
304	Vinod Kumar S, No. 18, SPK Nagar, Kalveerampalayam, Coimbatore, Tamil Nadu-641046	One no. of Himalayan black Bear	2nd Mar 2021 To 1st Mar 2022
305	Vinod Kumar S, No. 18, SPK Nagar, Kalveerampalayam, Coimbatore, Tamil Nadu-641046	One no. of Bengal Tiger (NCT)	2nd Mar 2021 To 1st Mar 2022
306	Anshul Gupta, Plot No. 2, Atul Parisar, Sanjeevani Nagar, Garha, Jabalpur, Madhya Pradesh-482003	One no. of Lion	7th Mar 2021 To 6th April 2021
307	Sudhashree Deb, Plot 70, Sai Kanak, SBI Staff Society, Soubhagya Nagar, Bhubaneswar, Khurda, Odisha-751003	One no. of Common Squirrel Monkey	11th Mar 2021 To 10th Mar 2022
308	Sumedha Mishra, Pune, Pune, Maharastra-411060	One no. of Ganges soft shell turtle	28th Mar 2021 To 27th Mar 2022



Dr Rajesh Kumar Mohapatra, Biologist, Nandankanan Zoological Park awarded with CZA, Prani Mitra Awards, 2020 in Biologist/Educationist category by Central Zoo Authority, New Delhi and Ministry of Environment & Climate Change, Govt. of India.

IMPRESSION OF OUR ESTEEMED GUESTS

I seem to be the first visitor post COVID opening. Thank You for the hospitality.

G.B. Mukherji
Rtd Secretary
17.11.2020

Nandankanan Zoo as its name suggests is a garden of heaven. The guest house location is the heart of the garden in heaven. The zoo is very well managed and with natural surroundings is one of the best spots to visit in Odisha. The Deputy Director Mr Bimal Acharya has in depth knowledge about the zoo and his staff are equally courteous and efficient. We wish them Good Luck for the future and would like to visit the zoo again and again. Heartfelt thanks for wonderful hospitality.

Satya Prakash Ray Choudhary
Bhubaneswar
13.12.2020

Early morning visit with my family is a pleasant experience. I saw the zoo through the excitement of my 3 years old daughter. Made me as excited as her. Surprisingly, the animals here are more active and could fortunately had a close look at the majestic animals. The animals are well kept and premises are very clean. The clean waters of Kanjia lake with uniform tree line on the banks is worth a sight. The humble, well behaved and cooperative. Staff is an asset to the zoo. On the whole our family had a pleasant experience visit at the zoo. And its worth mentioning about exotic animals like Capuchin monkey, Squirrel monkey etc and majestic Royal Bengal tiger, White tigers. Congratulations to the management and staff and the leadership at higher level and whose guidance making it a unique and worth visiting place.

Anil Kumar S
IRTS, Indian Railway
25.12.2020

Today we visited the excellent place, we had a dream to come here. It has been fulfilled our dream. The up keep of this place is very fine. The birds collection and the collection of animals, reptiles can exceptionally good. I wish I should come here again and again. The staff are extremely courteous. I wish them all.

Hon'ble Justice Sri Dinesh Kumar Singh
Judge, Allahabad High Court
25.12.2020

On the Behalf of Hon'ble Justice Pradip Ku. Srivastava My Lord Justice and his spouse had a pleasant experience during their visit to Nandankanan Zoo. The staff are well behaved and cooperative. Overall the visit to Nandankanan was nice and memorable.

R.N. Behera
Senior Civil Judge, Bhubaneswar
26.12.2020

Wonderful as always. My little daughter enjoyed every minute of it.

AboliNaravane
ADM, Rourkela
05.01.2021

Great ambience. Good environment. Animals and birds kept in nature friendly habitat, enjoyable by humans. Wonderful experience!

Jyostna Rewab Deo
16.01.2021

Great place & lovely environment. Best wishes to Director and entire staff. Thank You.

Sanjeev Pravakar
23.01.2021

A well-maintained zoo. Visiting this place was a wonderful experience. Different species of nature at one place. Best wishes to the staff of Nandankanan.

George Manjuran
DIG, BSF
10.02.2021

Well maintained zoo, very caring staff, very cooperative and comfortable. After Covid-19 good trip to see the wild animals, birds, reptiles etc. Overall experience was very good. Well maintained Guest house and awesome hospitality. Keep it up. Thank You.

Dr Pravina Mohite
Mumbai, Maharashtra
21.02.2021





VETERINARY CARE

Nandankanan Biological Park has always given priority for highest standards of animal husbandry and veterinary care. Monitoring of animal health starts from the moment of its birth/arrival at the zoo. Prevention of disease/ailment is the main motto of the health program of Nandankanan.

A dedicated veterinary hospital is located inside the park. Three full time veterinary surgeons are providing veterinary services to the captive animals and birds with specialist support from the College of Veterinary Science & Animal Husbandry (C.V.Sc& A.H) Bhubaneswar and input from an array of experts. A five member 'Technical Committee' constituted by Government of Odisha regularly monitor and review the health care and related matters. A close liaison is maintained with the C.V.Sc&A.H., Bhubaneswar and the services of the 'Health Committee' from C.V.Sc& A.H are requisitioned in case of emergency. A strict protocol for vaccination, deworming and prophylactic chemotherapy is meticulously followed to prevent diseases.





INFRASTRUCTURE AT ZOO HOSPITAL

The Zoo Hospital is well equipped with the following infrastructures.

- A well equipped operation theatre backed by a generator, oxygen supply gadget and a computerised radiography unit.
- A spacious Isolation Ward to house the sick and injured animals for treatment.
- A Quarantine Ward to house the newly acquired animals and sick animals suspected for contagious diseases.
- A microbiological laboratory to carry out the cultural tests and antibiotic sensitivity tests of different bio-samples for easy diagnosis and effective treatment of different ailing animals.
- An incubation unit to assist the incubation of eggs of exotic and indigenous species of birds.
- A fully-fledged anti-depredation unit equipped with all necessary equipments and drugs for chemical immobilization is operating from the Nandankanan Biological Park which meets the emergency needs of the entire state.

COLLABORATION WITH ODISHA VETERINARY COLLEGE:

A MoU is signed with the College of Veterinary Science & Animal Husbandry (C.V.Sc & A.H), Bhubaneswar for captive use of the "Centre for Wildlife Health". The centre is equipped with onsite ultra-sound and X-ray facility backed by a state of the art clinical laboratory.

The 'Centre for Wildlife Health' was initially set up at the C.V.Sc & A.H Odisha University of Agriculture and Technology, Bhubaneswar as a regional centre with the financial assistance from the Central Zoo Authority, New Delhi. It was renamed as 'Centre for Wildlife Health' since April 2007 subsequent upon the bipartite agreement signed between the Forest Department, Government of Odisha and Odisha University of Agriculture and Technology, Bhubaneswar. The centre received an amount of Rs 40 lakhs during 2020-21 from Nandankanan for upgradation of facility as well as to meet the recurring expenses. The prime objective of the centre is to extend diagnostic facilities and advanced medical care to the captive animals and birds of the Nandankanan Zoological Park. The centre is well equipped to carry out haematobiochemical, bacteriological, parasitological and histo-pathological examinations.

COMMITTEES CONSTITUTED BY GOVERNMENT OF ODISHA

1. Expert Committee:

Government of Odisha, Forest & Environment Department vide Office order No FE-WL-WLF-0027-2019/21236/F&E dated 05.11.2019 constituted an 'Expert Committee' with the following members for strengthening of healthcare and upkeep of animals of Nandankanan Zoo.

- Shri S. K. Patnaik, IFS (Retd. PCCF Wildlife Odisha and Member CEC)- Chairman
- Director, WII, Dehradun or his representative- Member
- Director, IVRI, Izatnagar, Bareilly or his representative- Member
- Director, Wildlife Trust of India, Noida or his representative- Member
- Director, Salim Ali Centre for Ornithology & Natural History, Coimbatore or his representative- Member
- Director, Central Avian Research Institute, Bhubaneswar- Member
- Director, MCBT and Centre for Herpetology or his representative- Member
- Project Coordinator, Animal Disease Research Institute, Phulnakhara- Member
- Director, Nandankanan Biological Park, Bhubaneswar- Member Convener

Date on which meeting was held during the year- NIL

2. Expansion of Technical Committee:

Government of Odisha, Forest & Environment Department vide Office order No FE-WL-WLF-0027-2019/21238/F&E dated 05.11.2019 expanded Technical Committee The following members and officials were included in the committee.

- Dr. S. K. Ray, Retd Prof. & Head, Deptt of Medicine, Odisha Veterinary College- Chairman
- Dr. J. N. Mohanty, Retd Prof. Surgery, Odisha Veterinary College- Member
- Sri S. Mohapatra, IFS (Retd.), former CWLW Odisha- Member
- Dr. L. N. Achariyo, Retd Zoo Veterinarian- Member
- Dean, College of Veterinary Sciences, OUAT Odisha- Member
- Dr K. K. Sharma, Assam Veterinary College, Guwahati- Member

- Dr Naveen Kumar, Veterinarian (Retd.), Hyderabad- Member
- Dr Utkarsh Shukla, Deputy Director, Lucknow Zoo- Member
- Dr Arun A. Sha, Veterinary Director, Wildlife SOS, NewDelhi- Member
- Director HSDL, Bhopal or his representative- Member
- Director, Nandankanan Biological Park, Bhubaneswar- Member Convener

Date on which meeting was held during the year- NIL

3. Health Committee:

Government of Odisha, Forest & Environment Department vide Office order No FE-WL-WLF-0027-2019/21234/F&E dated 05.11.2019 constituted a Health Committee for strengthening of healthcare and upkeep of animals of Nandankanan Zoo, with the following members

- Professor and Head, Department of Preventive Medicine, CVSc & AH –cum-Project Coordinator, Centre for Wildlife Health, OUAT, Bhubaneswar- Chairman
- Professor and Head, Department of Surgery, CVSc & AH or his Nominee- Member
- Professor and Head, Department of Pathology, CVSc & AH or his Nominee- Member
- Head, Department of Parasitology, CVSc & AH or his Nominee- Member
- HOD, Department of Nutrition, CVSc & AH or his Nominee- Member
- Senior Veterinary Officer/ VAS Nandankanan- Member Convener
- All Veterinary Officers of Nandankanan- Member
- Deputy Director, Nandankanan Zoological Park- Member
- Curator, Nandankanan Zoological Park- Member
- Range Officer, Sanctuary Management Range- Member

Date on which Health Committee visited during the year- 23-05-2020, 29-05-2020, 24-06-2020, 18-07-2020, 17-09-2020, 19-12-2020, 28-01-2021, 25-02-2021, 11-03-2021, 15-03-2021

Health Committee meeting convened on following dates 27-04-2020 (VC), 01-05-2020 (VC), 09-06-2020, 04-03-2021



INTERVENTION BY THE VETERINARY WING OF THE ZOO

Sl. No.	Activities	Number of cases dealt
1	Cases treated	9450
2	Surgery performed	03
3	Deworming	5414
4	Chemical immobilization	34
5	Screening of blood smears	67
6	Bacteriological examination	23
7	Faecal Sample examination	1281

VACCINATION

Sl. No.	Activities	Number of cases dealt
1	Feligen CRP (against Feline Panleucopenia)	56
2	Raksha-Triovac	04
3	H.S.V.	10
4	Triquin Administration	184
5	Anti-Rabies Vaccine	21
6	Tetanus Toxoid	08
7	Multivalent Vaccine (MegaVac)	29
8	B.Q. Vaccine	Nil
9	Anthrax Vaccine	04
10	F.M.D.	08





PROPHYLACTIC PROTOCOL

A set of protocols are hermitically followed as a prophylactic measure against some of the devastating diseases. In addition to this disinfection and deworming protocols are followed for management of the ecto and endo parasitic infestations in captive animals. Following prophylactic protocol is observed in the park:

- Annual vaccination to Tigers, Lions, Leopards, leopard cat and Jungle cats against Feline Panleucopenia.
- Annual vaccination of Jackal, Wolf, Wild dog & Hyena with multivalent vaccine.
- Administration of Triquin as a prophylactic measure against Trypanosomiasis to Tigers, Lions, Jackal, Wolf, Wild dog, Hyena and Leopards at quarterly interval.
- Vaccination of elephants against Haemorrhagic Septicemia, Tetanus, Rabies and Foot & Mouth Disease. Vaccination of four horned antelopes with BQ vaccine.
- Body spray with cypermethrin at 2 months interval against ticks, flies and other vectors in case of big cats.
- Kohrsolin sprays in enclosures at two months intervals.
- Screening of the fecal samples of all Nandankanan Biological Park inmates and de-worming at 3 months interval.
- Periodical screening of blood samples.

SIGNIFICANT ACHIEVEMENTS IN HEALTH CARE

1. Successful management of intestinal impaction in a geriatric asian elephant

The 57-year-old female Asian elephant 'Basanti', was noticed dull, lethargic, head down, showing no interest in feed and water with distended abdomen. It was biting the tip of its trunk with frequent open mouth gaping. Occasionally it was attempting to defecate by raising its tail and bowing its back. The condition was diagnosed as intestinal impaction associated with colic. Immediate treatment was extended with administration of intravenous fluid along with analgesics, antibiotics and antihistamines. Oral antacids, oral and rectal fecal softeners, rectal enema using 40W submersible electric pump and oral probiotics were also included in the regime. The blockage was expelled after about 48hrs, a fecal ball consisting of mud and partially digested plant materials weighing about 26kg came out along with 7-8 normal size fecal balls. Other supportive treatment like fecal softeners, b-complex vitamins continued for three days and oral probiotics for five more days. Early diagnosis and appropriate treatment could save the life of elephant and it is doing well now.

2. Ultrasonography based diagnosis and successful treatment of chronic abscess in a juvenile Asian elephant

Four-year-old rescued female elephant "Mama" was noticed with a small size swelling at the left lateral elbow region since its arrival at Nandankanan zoo during November 2017. The swelling was slowly getting bigger with age. On 29-05-2020, ultrasonographic examination of the swelling area revealed multiple pockets of anechoic structure. Fine needle aspiration was carried out under ultrasound guidance. There was presence of thick inspissated pus. Hot fomentation was provided for two weeks. On 24.06.2020, surgery was conducted under physical restraint and local anaesthesia, and pus was drained. The cavity was washed with 1% betadine solution followed by flushing with 1% copper sulphate solution and rinsing with normal saline. The wound dressing was repeated daily for one week followed by on alternate days for another week. Antibiotic sensitivity test of the pus sample was carried out at Centre for Wildlife Health and accordingly antibiotic was administered for five days. The wound showed uneventful healing in about a month.

3. Detection of Spirometrosis in newly arrived Asiatic lions and its successful treatment

Nandankanan Zoological Park received four young male Asiatic lions (*Panthera leo persica*) from Bilaspur zoo, Chhattisgarh during March 2020. In June 2020, during routine fecal sample screening using qualitative (direct and concentration) method, presence of operculated yellowish brown colour eggs pointed at either end, suggestive of *Spirometra* spp., was detected. McMaster technique was conducted for EPG estimation on 0th (Pre-treatment) and 1st, 3rd, 7th, 14th, 28th, 60th and 90th (post treatment). All four lions were asymptomatic and treated with oral Praziquantel @ 5 mg per kg body weight for three consecutive days. EPG reduced from 22100 ± 1050 (0th day) to 17450 ± 444 , 5800 ± 561 and 0 on 1st, 3rd and 7th day post-treatment respectively. Neither adult segment nor eggs were further found up to 90th day post treatment. *Spirometra* can pose a potential threat of human sparganosis. Hence its early detection and successful treatment not only saved the valuable lions, but also avoided the possible zoonoses.

4. Successful treatment of traumatic hernia in a male sambar

On 25-01-2021, one male sambar is observed with a swelling in the right ventro-lateral flank region having laceration on the skin. There was a history of infighting among three adult stags of the enclosure last night. The injured stag was segregated and housed in an isolated cell. Despite symptomatic treatment, on 06-02-2021, the condition of the sambar found critical, as the swelling became abnormally large. The condition warranted immediate physical examination under general anaesthesia. The animal was immobilised using intramuscular injection of 300mg xylazine and 200mg ketamine and was placed under left lateral recumbency. Physical examination revealed presence of voluminous soft mass with a ring at the dorsal

aspect of the mass suggestive of hernia. Oblique incision was made over the skin and intestinal loops were placed back to the abdominal cavity. The hernia opening was closed by simple interrupted suture, abdominal muscles were apposed by chromic catgut, and finally the skin edges, using nylon in horizontal mattress pattern. Parenteral antibiotics and analgesics were continued for 10 days. The sambar was again tranquilised on 21-02-2021, for examination of the wound condition. The sambar recovered within a month and is doing well now.

5. Successful treatment of joint infection in a sambar fawn

On 21-09-2020, a 44 days old female fawn of sambar deer was noticed weak, unable to walk and suckle milk from its mother. On physical examination, both of its hock joints were found swollen and rectal temperature was high (104.2°F). Bottle feeding using lactogen-I was initiated and treatment provided with broad spectrum antibiotics and antipyretics. But this treatment though temporarily showed improvement, but didn't completely ameliorate the clinical signs. The body temperature continued to remain high. Fine needle aspiration of the affected joint revealed presence of pus inside, the pus sample was collected and sent to Centre for Wildlife Health for culture and sensitivity test. Antibiotic sensitivity test of the isolate using micro disc diffusion method revealed Amoxycylav and Amikacin as sensitive antibiotic. The said antibiotics were used along with hynidase injection locally. It took two months of appropriate treatment along with careful physical restraint and bottle feeding which made the fawn recover completely.

6. Treatment of haemorrhagic enteritis in a sloth bear

On July 30, 2020, eight-year-old female sloth bear 'Lija' housed at bear safari was noticed in dullness with reddish watery stool, anorexia, vomition and high fever. Immediately it was shifted to "Isolation Ward" for intensive care. Microscopic examination of the stool sample revealed absence of any parasitic ova. The bear was provided symptomatic treatment with broad spectrum antibiotics, haemostatics and antiemetics. Solid foods were withdrawn and it was provided with sugarcane juice and electrolyte water. Under mild sedation it was administered with intravenous fluid, plasma extender, antacids and b-complex vitamins. Stool sample and blood sample were collected and sent to CWH for laboratory analysis. The bio samples were tested negative for coccidiosis, tuberculosis, feline panleukopenia and parvo viral infection. Frequency of stool reduced from very next day and colour changed in third day of treatment. The bear was kept confined to a squeeze cage inside the isolation ward for one week. It started taking solid food after a week, then it is released back to its enclosure.



ANNUAL REPORT ON BIRTH OF CAPTIVE ANIMALS AT NANDANKANAN ZOOLOGICAL PARK
FROM 01.04.2020 TO 31.03.2021

S.N.	Date	Species	Sex(M:F:U)	S.N.	Date	Species	Sex(M:F:U)
1	01..4.20	Black kite	0:0:1	42	13.07.20	Yellow Golden pheasant	0:0:1
2	01.04.20	Grey Pelican	0:0:1	43	13.07.20	Golden Pheasant	0:0:8
3	01.04.20	Painted Stork	0:0:3	44	13.07.20	Reeves's pheasant	0:0:1
4	02.04.20	Blackbuck	0:0:1	45	13.07.20	Indian Peafowl	0:0:8
5	02.04.20	Hog deer	0:0:1	46	07.08.20	Sambar	0:0:1
6	09.04.20	Spotted deer	3:2:0	47	15.08.20	Marmoset	0:0:2
7	12.04.20	Spotted deer	1:1:0	48	31.08.20	Java sparrow	0:0:5
8	14.04.20	Mouse deer	0:0:1	49	31.08.20	Cockatiel	0:0:3
9	15.04.20	Spotted deer	3:0:0	50	31.08.20	Bengalese Finch	0:0:3
10	21.04.20	Jackal	0:0:2	51	02.09.20	Golden pheasant	0:0:2
11	25.04.20	Mouse deer	0:0:1	52	02.09.20	Reeves's pheasant	0:0:1
12	03.05.20	Spotted deer	0:0:4	53	02.09.20	Indian peafowl	0:0:2
13	12.05.20	Mouse deer	0:0:1	54	09.09.20	Gaur	0:0:1
14	12.05.20	Spotted deer	2:1:0	55	22.09.20	Swamp deer	0:0:1
15	13.05.20	Spotted deer	0:0:8	56	27.09.20	Mouse deer	0:0:1
16	21.05.20	Painted stork	0:0:3	57	30.09.20	Giant fruit bat	0:0:1
17	21.05.20	Grey pelican	0:0:1	58	13.10.20	Mouse deer	0:0:1
18	22.05.20	Spotted deer	0:0:3	59	22.10.20	Manipuri deer	0:0:1
19	30.05.20	Blackbuck	0:0:3	60	30.10.20	Blackbuck	0:0:2
20	31.05.20	Assamese macaque	0:0:1	61	30.10.20	Hog deer	0:0:3
21	31.05.20	Budgerigar	0:0:5	62	30.10.20	Spotted deer	0:0:5
22	31.05.20	Zebra finch	0:0:7	63	01.11.20	Mouse deer	0:0:1
23	31.05.20	White Ibis	0:0:4	64	01.11.20	Manipuri deer	0:0:1
24	31.05.20	Night Heron	0:0:5	65	04.11.20	Manipuri deer	0:0:1
25	31.05.21	Mandarin duck	0:0:2	66	14.11.20	Nilgai	0:0:1
26	02.06.20	Budgerigar	0:0:3	67	26.11.20	Indian rock python	0:0:4
27	03.06.21	Ring necked parakeet (albino)	0:0:2	68	27.11.20	Sambar	0:0:1
28	04.06.20	Budgerigar	0:0:2	69	28.11.20	Mouse deer	0:0:1
29	04.06.20	Zebra finch	0:0:3	70	02.12.20	Manipuri deer	0:0:1
30	04.06.20	White Ibis	0:0:6	71	05.12.20	Sloth bear	0:0:1
31	04.06.20	Night Heron	0:0:5	72	12.12.20	Mouse deer	0:0:1
32	04.06.20	Mandarin Duck	0:0:2	73	01.01.21	Blackbuck	0:0:2
33	04.06.20	Ring necked parakeet (albino)	0:0:2	74	09.01.21	Hog deer	0:0:1
34	04.06.20	Ring necked parakeet (lutino)	0:0:3	75	10.01.21	Indian Pangolin	0:0:1
35	04.06.20	Jackal	0:0:4	76	16.01.21	Emerald dove	0:0:1
36	12.06.20	Swamp deer	0:0:1	77	17.01.21	Marmoset	0:0:2
37	29.06.20	Mouse deer	0:0:1	78	23.01.21	Blackbuck	0:0:1
38	01.07.20	Jungle cat	0:0:1	79	24.01.21	Budgerigar	0:0:5
39	07.07.20	Hippopotamus	0:0:1	80	24.01.21	Zebra finch	0:0:6
40	13.07.20	Silver pheasant	0:0:2	81	26.01.21	Cockatiel	0:0:5
41	13.07.20	Lady Amherst's Pheasant	0:0:4	82	29.01.21	Java sparrow	0:0:4
				83	29.01.21	Zebra finch	0:0:5
				84	12.02.21	Swainson's lorikeet	0:0:1
				85	15.02.21	Chimpanzee	0:0:1

86	22.02.21	Mouse deer	0:0:1	97	23.03.21	Indian fox	0:0:2
87	28.02.21	Mouse deer	0:0:1	98	26.03.21	Mouse deer	0:0:1
88	01.03.21	Spotted deer	3:2:0	99	28.03.21	Normal Coloured Tiger	0:0:3
89	04.03.21	Spotted deer	2:3:0	100	28.03.21	Mouse deer	0:0:1
90	05.03.21	Blackbuck	0:0:1	101	29.03.21	Blackbuck	0:0:1
91	06.03.21	Spotted deer	0:0:4	102	29.03.21	Hog deer	0:0:1
92	06.03.21	Stump tailed macaque	0:0:1	103	31.03.21	Painted stork	0:0:4
93	09.03.21	Jackal	0:0:2	104	31.03.21	White ibis	0:0:6
94	09.03.21	Spotted deer	2:2:0	105	31.03.21	Night Heron	0:0:5
95	13.03.21	Spotted deer	1:3:0	106	31.03.21	Red jungle fowl	2:0:0
96	15.03.21	Spotted deer	3:4:0	107	31.03.21	Jackal	0:0:3

ABSTRACT

	MAMMAL	BIRD	REPTILE	AMPHIBIAN	TOTAL
BIRTH	92	136	04	0	232



**ANNUAL REPORT ON DEATH OF CAPTIVE ANIMALS AT
NANDANKANAN ZOOLOGICAL PARK (FROM 01.04.2020 TO 31.03.2021)**

MAMMALS

Sl. No.	Date	Animal	Age	Sex	Cause Of Death
1	21.04.20	Common Palm Civet	Adult	M	Acute Pneumonia
2	21.04.20	Common Palm Civet	Adult	M	Acute Pneumonia
3	21.04.20	Common Palm Civet	Adult	F	Acute Pneumonia
4	26.04.20	Common Palm Civet	Adult	F	Acute Pneumonia
5	26.04.20	Common Palm Civet	Adult	F	Acute Pneumonia
6	04.05.20	Four horned Antelope	Adult	F	Pneumonia
7	05.05.20	Common Palm Civet	Adult	F	Acute Pneumonia
8	24.05.20	Common Palm Civet	Adult	F	Pneumonia
9	07.06.20	Barking deer	Adult	M	Infighting
10	23.06.20	Himalayan Black Bear	About 25 Years	F	Tuberculous pneumonia
11	24.06.20	Wild dog	Adult	M	Haemorrhagic gastro-enteritis with nephritis
12	21.07.20	Barking deer	Adult	M	Pneumonia
13	09.08.20	Swamp deer	Adult	M	Nasal Tumor
14	15.08.20	Marmoset	1 day	M	Mother rejection
15	30.08.20	Himalayan Black bear	About 32 Years	F	Collapsed lungs, deep seated abscess at the hip region, hind limb paralysis associated with old age
16	13.09.20	Sambar	Adult	F	Pneumonia with caseated nodules in lungs associated with old age
17	17.09.20	Sloth Bear	About 17 Years	F	Haemorrhagic gastro-enteritis
18	24.09.20	Mouse deer	Adult	F	Dystocia
19	29.09.20	Hybrid Lioness	About 26 Years	F	Emaciation, aspiration pneumonia associated with old age
20	29.10.20	Common Palm Civet	Adult	M	Infighting
21	31.10.20	Nilgai	Adult	F	Multiple tumors in liver
22	29.11.20	Blackbuck	Adult	M	Internal haemorrhage & Shock
23	09.12.20	Sambar	Adult	F	Internal haemorrhages followed with shock
24	05.01.21	Normal Colour Tiger	6 ½ Years	F	Hepatic tumor
25	05.01.21	White buck	12 Years	M	Pneumonia associated with old age
26	20.01.21	Marmoset	3 days	M	Aspiration pneumonia
27	22.01.21	Nilgai	Adult	M	Hepatitis and nephritis
28	30.01.21	Giant Fruit Bat	About 1 Year	F	Predator bite
29	02.02.21	Barking deer	Adult	M	Infighting
30	09.02.21	Spotted deer	Adult	F	Pneumonia
31	04.03.21	Nilgai	Adult	M	Internal haemorrhage and shock
32	05.03.21	Hog deer	Adult	M	Shock
33	29.03.21	Marmoset	Adult	M	Catarrhal enteritis

BIRDS

Sl. No.	Date	Animal	Age	Sex	Cause Of Death
1	06.04.20	Violet Turaco	Adult	M	Pneumo-enteritis
2	18.05.20	Lady Amherst's pheasant	Adult	M	Enteritis
3	21.05.20	Black Kite	About 4 Months	F	Avian Pox
4	22.05.20	Blossom headed Parakeet	Adult	M	Hepatitis associated with senility
5	28.05.20	Sun Conure	Adult	M	Hemorrhagic enteritis
6	28.05.20	Sun Conure	Adult	F	Hemorrhagic enteritis
7	30.05.20	Sun Conure	Adult	M	Hepatitis
8	31.05.20	Sun Conure	Adult	F	Cause of death couldn't be ascertained due to putrefaction of carcass
9	31.05.20	Indian Grey Hornbill	Adult	F	Pneumonia
10	03.06.20	Sun Conure	Adult	-	Carcass mutilated by predator
11	03.06.20	Sun Conure	Adult	-	Carcass mutilated by predator
12	17.06.20	Barn Owl	Adult	F	Infighting
13	23.06.20	Golden pheasant	About 2 Years	M	Partially devoured by snake and regurgitated
14	04.07.20	Sun conure	Adult	M	Partially devoured by snake
15	04.07.20	Sun conure	Adult	F	Partially devoured by snake
16	06.07.20	Pineapple conure	Adult	F	Predator bite
17	19.07.20	Silver pheasant	About 2 Years	M	Infighting
18	17.08.20	Brahmin Kite	About 17 Years	F	Pneumonia associated with old age
19	26.08.20	Golden Pheasant	Adult	F	Salpingitis
20	05.09.20	Mandarin Duck	Adult	F	Tumor at lungs
21	19.09.20	Ring necked parakeet	Adult	F	Hepatitis
22	14.10.20	Barn owl	Adult	M	Hepatitis
23	20.10.20	Mandarin duck	Adult	M	Hemorrhagic Enteritis
24	20.10.20	Mandarin duck	Adult	F	Hemorrhagic Enteritis
25	13.11.20	Painted stork	Adult	F	Infighting with debility
26	30.11.20	Silver pheasant	Adult	M	Infighting
27	06.12.20	Blossom headed Parakeet	Adult	M	Hepatitis, enteritis associated with old age
28	16.12.20	Pineapple Conure	Adult	F	Enteritis associated with hepatitis
29	18.12.20	Grey heron	Adult	F	Senility
30	31.12.20	Pineapple Conure	Adult	M	Hepatitis & Enteritis
31	15.01.21	Barn Owl	Adult	M	Hepatitis associated with pneumonia
32	20.02.21	Ring Necked Parakeet (Albino)	About 3 Years	F	Traumatic injury & Internal haemorrhages
33	21.02.21	Golden Pheasant	About 3 Years	M	Infighting
34	24.02.21	Golden Pheasant	About 3 Years	M	Infighting
35	26.02.21	Black Kite	Adult	F	Hepatitis and enteritis
36	26.02.21	Cockatiel	Adult	M	Enteritis
37	10.03.21	Silver Pheasant	About 3 Years	F	Pneumonia
38	18.03.21	Golden Pheasant	About 3 Years	M	Infighting
39	30.03.21	Red Jungle Fowl	About 4 Years	F	Hepatitis

REPTILES

Sl. No.	Date	Animal	Age	Sex	Cause Of Death
1	28.08.20	Anaconda	About 6 Years	F	Anaemia and haemorrhagic Enteritis
2	31.08.20	King Cobra	About 15 Years	F	Acute septicemic infection

ABSTRACT

Mammals	Birds	Reptiles	Total
33	39	02	74



**BIRTH AND DEATH OF CAPTIVE ANIMALS FOR THE LAST FIVE YEARS
TOTAL STOCK POSITION FROM 01.04.2016 TO 31.03.2021**

2016-17

Types	Stock as on 01.04.2016	Birth	Acquisition	Death	Disposal	Stock as on 31.03.2017
ammals	936	247	27	30	5	1175
Birds	1473	68	65	18	42	1546
Reptiles	239	13	18	1	7	262
Amphibians	21	0	0	0	0	21
Total	2669	328	110	49	54	3004

2017-18

Types	Stock as on 01.04.2017	Birth	Acquisition	Death	Disposal	Stock as on 31.03.2018
Mammals	1175	191	6	35	02	1335
Birds	1546	122	34	35	14	1653
Reptiles	262	24	10	04	03	289
Amphibians	21	0	0	0	0	21
Total	3004	342	50	74	19	3303

2018-19

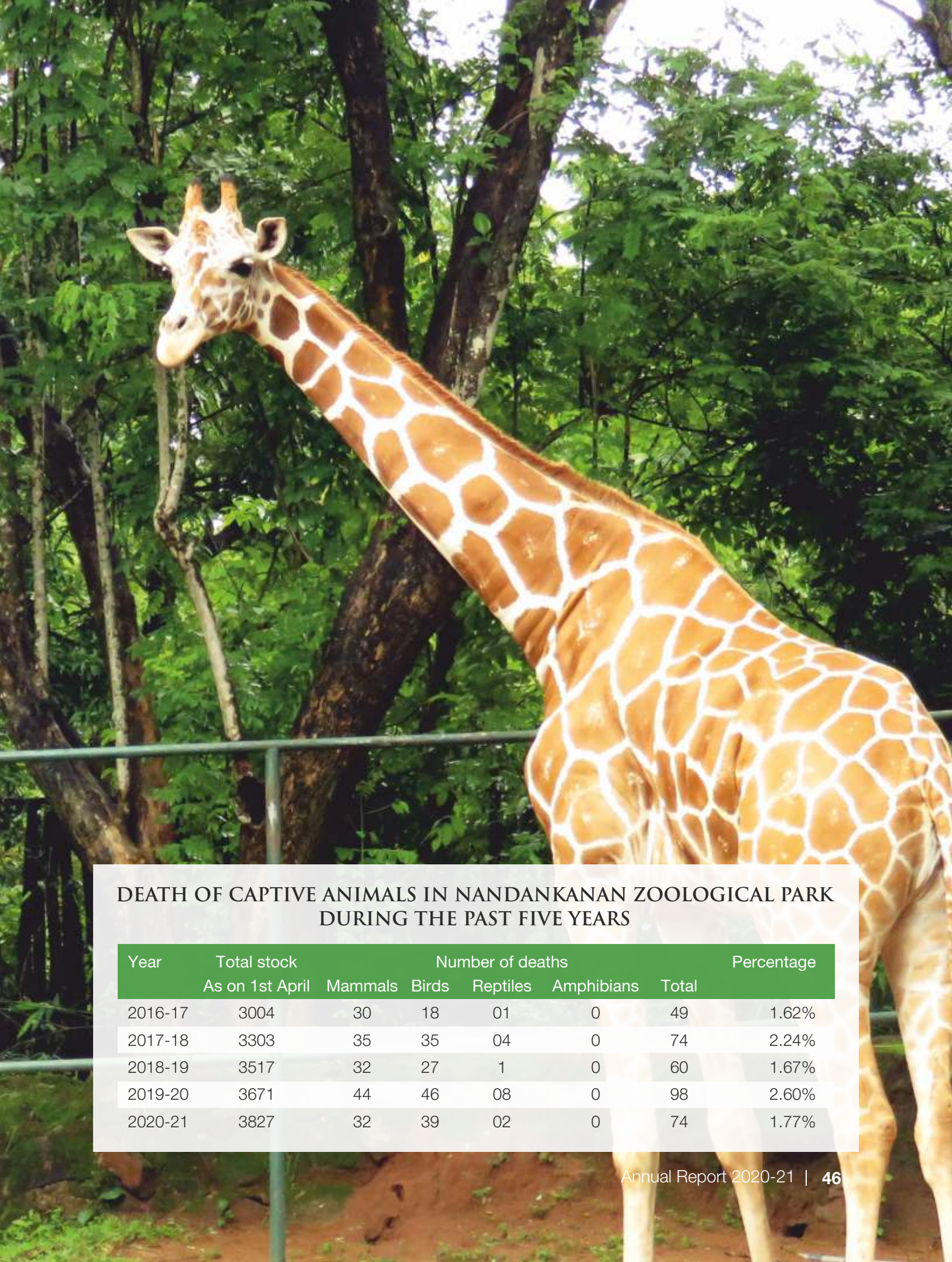
Types	Stock as on 01.04.2018	Birth	Acquisition	Death	Disposal	Stock as on 31.03.2019
Mammals	1340	149	9	32	5	1461
Birds	1653	102	12	27	0	1740
Reptiles	289	7	0	1	0	295
Amphibians	21	0	0	0	0	21
Total	3303	258	21	60	5	3517

2019-20

Types	Stock as on 01.04.2019	Birth	Acquisition	Death	Disposal	Stock as on 31.03.2020
Mammals	1461	173	13	44	0	1603
Birds	1740	18	44	46	0	1756
Reptiles	295	0	11	8	7	291
Amphibians	21	0	0	0	0	21
Total	3517	191	68	98	7	3671

2020-21

Types	Stock as on 01.04.2020	Birth	Acquisition	Death	Disposal	Stock as on 31.03.2021
Mammals	1603	131	17	32	7	1711
Birds	1756	138	-	39	56	1799
Reptiles	291	4	9	2	6	296
Amphibians	21	-	-	-	-	21
Total	3671	273	26	73	69	3827



DEATH OF CAPTIVE ANIMALS IN NANDANKANAN ZOOLOGICAL PARK DURING THE PAST FIVE YEARS

Year	Total stock	Number of deaths				Total	Percentage
	As on 1st April	Mammals	Birds	Reptiles	Amphibians		
2016-17	3004	30	18	01	0	49	1.62%
2017-18	3303	35	35	04	0	74	2.24%
2018-19	3517	32	27	1	0	60	1.67%
2019-20	3671	44	46	08	0	98	2.60%
2020-21	3827	32	39	02	0	74	1.77%

ANNUAL ANIMAL INVENTORY (FROM 1ST APRIL- 2020 TO 31TH MARCH-2021)

SCH-I, II, III & IV (Wildlife Protection Act)		During the Year															Stock as on Dt-31.03.2021								
		Stock as on 01.04.2020					Births			Acquisitions			Disposals			Deaths			M	F	U	T			
		SCH	M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U							
Sl. Species	Scientific name																								
1	SCH-I, SCH-II BIRDS HILL MYNAH <i>Gracula religiosa</i>	I	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
2	INDIAN PEAFOWL <i>Pavo cristatus</i>	I	5	5	5	15	0	0	4	0	0	2	2	0	0	0	0	0	0	0	0	3	3	9	15
	INDIAN WHITE PEAFOWL <i>Pavo cristatus</i>	I	2	4	1	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	1	7	
3	WHITE EURASIAN SPOONBILL <i>Platalea leucorodia</i>	I	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
4	CINEREOUS VULTURE <i>Aegypius monachus</i>	I	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
5	LONG BILLED VULTURE <i>Gyps indicus</i>	I	2	3	8	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	8	13	
6	WHITE BACKED VULTURE <i>Gyps bengalensis</i>	I	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
7	BRAMHINY KITE <i>Haliastur indus</i>	I	1	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1
8	BLACK KITE <i>Milvus migrans</i>	I	1	1	9	11	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	3	3	4	10
9	SHIKRA <i>Accipiter badius</i>	I	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
10	GREY HORNBILL <i>Ocyroceros birostris</i>	I	1	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1
	SCH-I & II - TOTAL		12	14	31	57	0	0	5	0	0	2	2	0	0	4	0	0	0	2	12	14	28	54	

SCH-I, SCH-II MAMMALS																									
Sl. Species	Scientific name	M	F	U	T	M	F	U	T	M	F	U	T	M	F	U	T	M	F	U	T	M	F	U	T
1	FOUR HORNED ANTELOPE/CHOWSINGHA <i>Tetracerus quadricornis</i>	I	1	1	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	3
2	HIMALAYAN BLACK BEAR <i>Selenarctos tibetanus</i>	II	2	4	0	6	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2	3	3	0	6
3	SLOTH BEAR <i>Melursus ursinus</i>	I	1	2	0	3	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	3
4	BLACKBUCK / KRISHNA MRIG <i>Antelope cervicapra</i>	I	13	17	6	36	0	0	12	0	0	0	0	0	0	0	0	1	0	0	18	24	5	47	

EXOTIC BIRDS																								
1	BUDGERIGAR	<i>Melopsittacus undulatus</i>	E	138	242	156	536	0	0	15	0	0	0	0	0	0	0	0	0	188	292	71	551	
2	WHITE COCKATIEL/ CINAMON PEARS PIED	<i>Nymphicus hollandicus</i>	E	16	23	53	92	0	0	8	0	0	0	0	0	0	0	0	1	21	28	50	99	
3	LESSER SULPHUR CRESTED COCKATOO	<i>Cacatua sulphurea</i>	E	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
4	UMBRELLA SULPHUR CRESTED COCKATOO	<i>Cacatua alba</i>	E	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	
5	BROWN THROATED CONURE	<i>Eupsittula pertinax</i>	E	1	1	1	3	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	3	
6	JANDAYA CONURE	<i>Aratinga jandaya</i>	E	1	2	18	21	0	0	0	0	0	0	0	0	0	0	0	1	2	18	21		
7	SUN CONURE	<i>Aratinga solstitialis</i>	E	4	4	35	43	0	0	0	0	0	0	0	0	0	0	8	4	4	27	35		
8	PINE APPLE CONURE	<i>Pyrrhura molinae molinae</i>	E	11	11	0	22	0	0	0	0	0	0	0	0	0	0	0	10	9	0	19		
9	YELLOW SIDED CONURE	<i>Pyrrhura molinae sordida</i>	E	14	14	0	28	0	0	0	0	0	0	0	0	0	0	14	14	0	14	0	28	
10	BARBARY DOVE	<i>Streptopelia risoria</i>	E	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
11	DIAMOND DOVE	<i>Geopelia cuneata</i>	E	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2		
12	LAUGHING DOVE	<i>Spilopelia senegalensis</i>	E	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2		
13	RING NECKED DOVE	<i>Streptopelia capicola</i>	E	1	1	1	3	0	0	0	0	0	0	0	0	0	0	0	1	1	1	3		
14	MANDARIN DUCK	<i>Aix galericulata</i>	E	5	4	2	11	0	0	4	0	0	0	0	0	0	0	5	6	1	6	1	12	
15	EMU	<i>Dromaius novaehollandiae</i>	E	2	3	6	11	0	0	0	0	0	0	0	0	0	0	0	2	3	6	11		
16	BENGALESE FINCH	<i>Lonchura striata</i>	E	6	11	4	21	0	0	3	0	0	0	0	0	0	0	0	6	11	7	24		
17	LONG TAILED FINCH	<i>Poephila cincta</i>	E	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2		
18	STAR FINCH	<i>Poephila ruficauda</i>	E	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
19	ZEBRA FINCH	<i>Poephila guttata</i>	E	51	79	82	212	0	0	21	0	0	0	0	0	0	0	66	76	61	203			
20	BLUE FACED LORIKEET	<i>Trichoglossushae matodus enetermedius</i>	E	1	1	1	3	0	0	0	0	0	0	0	0	0	0	1	1	1	1	3		
21	SWAINSON'S LORIKEET	<i>Trichoglossushae matodus moluccanus</i>	E	1	0	3	4	0	0	1	0	0	0	0	0	0	0	0	1	0	4	5		
22	YELLOW BACKED LORRY	<i>Lorius garrulus flavopalliatus</i>	E	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
23	FISCHER'S LOVE BIRD	<i>Agapornis fischeri</i>	E	11	10	13	34	0	0	0	0	0	0	0	0	0	0	11	10	13	34			
24	PEACH FACED LOVE BIRD	<i>Agapornis roseicollis</i>	E	4	6	2	12	0	0	0	0	0	0	0	0	0	0	4	6	2	12			
25	MASKED LOVE BIRD	<i>Agapornis personatus</i>	E	1	2	1	4	0	0	0	0	0	0	0	0	0	0	1	2	1	4			
26	GREEN WINGED MACAW	<i>Ara chloroptera</i>	E	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2		
27	OSTRICH	<i>Struthio camelus</i>	E	2	2	0	4	0	0	0	0	0	0	0	0	0	0	2	2	0	2	0	4	
28	AFRICAN GREY PARROT	<i>Psittacus erithacus</i>	E	1	1	0	2	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	2	
29	GOLDEN PHEASANT	<i>Chrysolophus pictus</i>	E	10	10	4	24	0	0	10	0	0	0	0	0	0	0	4	7	14	25			

30	LADY AMHERST'S PHEASANT	<i>Chrysolophus amherstiae</i>	E	2	3	4	9	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	3	8	12
31	REEVES'S PHEASANT	<i>Symaticus reevesii</i>	E	1	1	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	6	
32	SILVER PHEASANT	<i>Lophura nychthemera</i>	E	15	21	2	38	0	0	2	2	0	0	2	2	0	0	0	0	0	2	1	0	11	18	33	
33	YELLOW GOLDEN PHEASANT	<i>Chrysolophus pictus</i>	E	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	
34	EASTERN ROSELLA	<i>Platycercus eximius</i>	E	1	2	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	4	
35	JAVA SPARROW	<i>Padda oryzivora</i>	E	18	30	49	97	0	0	9	0	0	7	7	0	0	0	0	0	0	0	0	11	23	58	92	
36	BLACK SWAN	<i>Cygnus atratus</i>	E	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	
37	MEYER'S PARROT	<i>Pocephalus meyeri</i>	E	2	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	4	
38	RED BELLIED PARROT	<i>Pionus sordidus</i>	E	2	3	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	0	5	
39	RINGED NECKED PARAKEET																										
	A-Lutino Mutation	<i>Psittacula krameri krameri</i>	E	0	0	5	5	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	3	7
	B -Albino Mutation	<i>Psittacula krameri krameri</i>	E	0	0	4	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	3	7
40	VIOLET TURACO	<i>Musophaga violacea</i>	E	1	1	3	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	4
41	LIVING STONE'S TURACO	<i>Turaco livingstonii</i>	E	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	
		TOTAL EXOTIC BIRDS		331	498	453	1282	0	0	87	0	0	0	26	0	0	6	12	386	541	363	1290					

EXOTIC MAMMALS																											
1	HAMADRYAS BABOON	<i>Papio hamadryas</i>	E	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	
2	CHIMPANZEE	<i>Pan troglodytes</i>	E	1	5	0	6	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	5	1	7		
3	GIRAFFE	<i>Giraffa camelopardalis</i>	E	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
4	HIPPOTAMUS	<i>Hippopotamus amphibius</i>	E	2	5	7	14	0	0	1	0	0	1	3	0	0	0	0	0	0	0	1	2	8	11		
5	HYBRID LION	<i>Panthera leo</i>	E	4	4	0	8	0	0	0	0	0	0	0	0	0	1	0	0	0	4	3	0	7			
6	AFRICAN LION	<i>Panthera leo</i>	E	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2		
7	BLACK-TUFTED MARMOSSET	<i>Callithrix penicillata</i>	E	1	1	2	4	0	0	4	0	0	0	0	0	0	1	0	2	3	1	1	1	5			
8	RED-HANDED TAMARIN	<i>Saguinus midas</i>	E	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1			
9	TUFTED CAPUCHIN	<i>Sapajus apella</i>	E	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2			
10	COMMON SQUIRREL MONKEY	<i>Saimiri sciureus</i>	E	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2			
		TOTAL EXOTIC MAMMALS		11	22	9	42	0	0	6	0	0	1	3	0	1	1	2	12	18	10	40					

EXOTIC REPTILES																	
1	MORELET'S CROCODILE	<i>Crocodylus moreletii</i>	E	0	2	0	2	0	0	0	0	0	0	0	0	0	2
2	SIAMESE CROCODILE	<i>Crocodylus siamensis</i>	E	3	12	3	18	0	0	0	0	0	0	0	0	3	18
3	CUVIER'S DWARF CAIMAN	<i>Paleosuchus palpebrosus</i>	E	2	3	0	5	0	0	0	0	0	0	0	0	2	5
4	GREEN IGUANA	<i>Iguana iguana</i>	E	0	2	0	2	0	0	0	0	0	0	0	0	0	2
	RED IGUANA	<i>Iguana iguana</i>	E	1	1	0	2	0	0	0	0	0	0	0	0	1	2
5	NILE CROCODILE	<i>Crocodylus niloticus</i>	E	0	0	3	3	0	0	0	0	0	0	0	0	0	3
6	YELLOW ANACONDA	<i>Eunectes notaeus</i>	E	0	0	6	6	0	0	0	0	0	0	0	0	0	6
	TOTAL EXOTIC REPTILES			6	20	12	38	0	0	0	0	0	0	0	0	6	37

AMPHIBIANS	Stock as on 01.04.2020							Births			Acquisitions			Disposals			Deaths			Stock as on Dt-31.03.2021				
		M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	
1	INDIAN BULL FROG							0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	3	3
2	GREEN POND FROG							0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	3	3
3	INDIAN SKIPPER FROG							0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	5	5
4	COMMON INDIAN TREE FROG							0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	3	3
5	ASIAN COMMON TOAD							0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	5	5
6	MARbled TOAD							0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	2	2
	TOTAL AMPHIBIANS							0	0	21	21	0	0	0	0	0	0	0	0	0	0	0	21	21

	Stock as on 01.04.2020							Stock as on Dt-31.03.2021														
		M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	T				
Birds		414	621	721	1756	2	0	136	0	0	0	28	28	0	11	7	21	530	727	542	1799	
Mammal		771	727	104	1602	21	18	92	8	9	0	3	4	0	13	15	4	829	779	103	1711	
Reptiles		73	159	59	291	0	0	4	5	4	0	3	3	0	0	1	1	80	163	53	296	
Amphibians		0	0	21	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	21
TOTAL		1258	1507	905	3670	23	18	232	13	13	0	34	35	0	24	23	26	1439	1669	719	3827	

	No. of Individuals							No. of species									
	12	14	31	57	10			10									
BIRDS - SCH I&II																	
-SCH III & IV	71	109	237	417	26			26									
-EXOTIC	331	498	453	1282	41			41									
MAMMAL - SCH I & II	75	90	39	204	26			26									
-SCH III & IV	685	615	56	1356	10			10									
-EXOTIC	11	22	9	42	10			10									
REPTILE - SCH I & II	63	135	30	228	17			17									
-SCH III & IV	4	4	17	25	6			6									
-EXOTIC	6	20	12	38	6			6									
AMPHIBIANS SCH I & II	0	0	0	0	0			0									
-SCH IV	0	0	21	21	6			6									
TOTAL	1258	1507	905	3670	158			158					160	1439	1669	719	3827



ENSURING QUALITY FEED:

Supply of well-balanced quality food is crucial for the sound health and reproduction of the captive animals in a zoo. Keeping this in mind, supply of nutritious, healthy and hygienic food to the animals and birds is an important mandate of the Nandankanan Zoological Park. The Park has a Food Distribution Centre with a zoo kitchen to cater to the needs of the captive animals and birds. A separate Store Range is headed by a Range Officer who looks after the supply of feed materials. To achieve the quality supply of feed, a captive slaughter house was established within the Park. A fodder farm has also been developed to achieve self-sufficiency in fodder production to meet the nutritional requirements of the herbivores. Various feed items are being procured daily through an annual tender/departmental procurement process. The Tender Committee headed by the Chief Wildlife Warden approves the rate for procurement of feed items.

- **Establishment of captive slaughter house**

As a step forward the park has set up a captive slaughter house the first of its kind, inside the park to ensure regular supply of fresh and hygienically processed buffalo meat for the carnivores. Routine inspection includes ante and post-mortem examinations of animals and meat respectively. Post mortem examination is supported by both gross and microscopic examination of meat and vital organs. As a result, food borne health complications are being successfully kept at bay. The daily requirement of buffalo meat to feed the carnivore population in the park is about 350 Kg.

- **Captive fodder farm:**

Different types of grasses and fodder are given to the herbivores from the captive fodder farm of the zoo spread over an area of 33 Acres. Seasonal/Periodical organic farming of different grass/fodder is carried out in the farm to ensure supply of fresh and essential fodder to the herbivores in the zoo (daily requirement being about 3200 Kg). The month wise production of different grass and fodder during 2020-21 is as follows.

MONTH WISE PRODUCTION OF FODDER FROM NANDANKANAN ZOOLOGICAL PARK FODDER FARM (IN QUINTALS) FOR THE YEAR 2020-21

Month	Para grass	Hybrid Napier (NB-21) grass	Common grass	Sorghum grass	Oat grass	Cowpea	Beerseem grass	Stylo grass	Mandia grass	Paddy	Bazaar grass	Total
04/2020	210.00	105.00	407.00	120.00	-	118.00	-	-	-	-	-	960.00
05/2020	217.00	108.50	494.50	124.00	-	48.00	-	-	-	-	-	992.00
06/2020	210.00	105.00	487.00	120.00	-	-	-	-	30.00	-	-	952.00
07/2020	217.00	108.50	494.50	124.00	-	-	-	-	-	-	48.00	992.00
08/2020	217.00	108.50	448.50	124.00	-	-	-	24.00	-	116.00	-	1038.00
09/2020	210.00	116.90	605.00	100.00	-	-	-	-	-	-	-	1031.90
10/2020	252.65	134.85	625.62	62.00	-	-	-	30.00	-	42.00	-	1147.12
11/2020	244.50	130.50	700.00	60.00	-	-	-	-	-	20.00	-	1155.00
12/2020	252.65	134.85	762.00	44.00	-	-	-	-	-	-	-	1193.50
01/2021	252.65	134.85	564.00	-	186.00	-	56.00	-	-	-	-	1193.50
02/2021	220.20	121.80	504.00	-	168.00	-	56.00	-	-	-	-	1070.00
03/2021	223.95	137.15	600.00	-	156.00	-	50.00	-	-	-	-	1167.10
TOTAL	2727.6	1446.4	6692.12	878.00	510.00	166.00	162.00	54.00	30.00	178.00	48.00	12892.12

THE TOTAL PRODUCTION OF FODDER IN THE FODDER FARM DURING THE YEAR 2020-21 WAS 12892.12 QUINTALS. THE COST OF PRODUCTION WAS CALCULATED TO BE RS 2.50/KG OF FODDER.

- **Feed distribution centre**

Feed items received from various sources are screened by the Range Officer (Store), Assistant Director and the Zoo Vets. All the green vegetables and other perishable feed items are thoroughly cleaned and disinfected before distribution. The feed items received are weighed and distributed in prescribed quantities to various animal houses. 108 feed items are collected and supplied daily to meet the nutritional requirements of the 160 species of mammals, birds and reptiles. These include very specific items such as snail without shell, tree termite egg, live grass hoppers and the like. The feed items are procured from various suppliers through open tenders and the price is approved by the Purchase Committee constituted by the Govt.

- **Seasonal feed**

To supplement the dietary requirements, some seasonal fruits and vegetables are provided to the animals considering their liking and acceptance like water melon, sugarcane, green coconut water, Ripe apple, Jamun, custard apple, green pea, ripe papaya, amla, guava and orange.

- **Chlorination plant**

The zoological park has chlorination plant to ensure the supply of purified drinking water and thereby preventing the spread of waterborne diseases.

- **Vermicompost unit**

The park has a vermicompost unit located inside the fodder farm where the organic waste of the zoo is being converted to natural plant fertilizer using earthworms. Another unit of vermicompost was added during the financial year.



MONTH WISE PRODUCTION OF VERMI COMPOST 2020-21

Month	Unit 1	Unit-2	Total
April-20	15 qntl	15 qntl	30 qntl
July-20	12 qntl	14 qntl	26 qntl
Oct-20	16 qntl	13 qntl	29 qntl
Feb-21	9 qntl	7qntl	16 qntl
TOTAL	52 qntl	49 qntl	101 qntl

Live Feed Rearing Centre

The centre was established on July, 2015 to ensure regular supply of hygienic live feed to the zoo animals. The centre is successfully breeding Wistar (albino) rat, BALB/c (albino) mice, guinea pig, snails, mealworm and hatching poultry chicks to fulfil daily requirement of live feed required for the zoo animals.

MONTH WISE PRODUCTION OF LIVE FEED REARING CENTRE 2020-21

Month	White mice	Rat	Guinea pig	Juvenile mice	Cricket worm meal	Day old chicks
April-20	40 nos	-		-	2560 nos	583 nos
May-20	-	-		-	3100 nos	288 nos
June-20	-	-		-	1000 nos	-
July-20	-	-		-	-	
Aug-20	48 nos	8 nos		-		20 nos
Sept-20	4 nos	52 nos		-		-
Oct-20	4 nos	-	-	80 nos	10095 nos	
Nov-20	72 nos	-		-	13050 nos	-
Dec-20	-	27 nos	2 nos	70 nos	6960 nos	667 nos
Jan-21	-	-		10 nos	-	826 nos
Feb-21	-	-		20 nos	-	1294 nos
Mar-21	40 nos	-		-	310 nos	1024 nos
TOTAL	208 nos	87 nos	2 nos	180 nos	37075 nos	4702 nos

LAWNS AND GARDENS

Beautiful gardens, lawns and meadows have been established at different strategic locations in the zoo to provide resting places for the visitors. Facilities like sit-outs, drinking water and toilets are also provided near such places. Lawns with gardens in six locations and 3 meadows are available inside the Zoological Park. The gardens are maintained with seasonal flowers round the year and are well appreciated by the visitors.





RESEARCH & EDUCATION

RESEARCH & EDUCATION

Displaying its long-term commitment to research, Nandankanan Biological Park supported a number of research projects to assess biodiversity conservation, wildlife management, animal health issues and management of captive animals. To ensure optimal outcomes collaboration with the number of organizations was given priority. The research teams include inhouse staff/officer, and other collaborative work with Orissa Veterinary College, zoo vets, collaborating scientists and students of graduate, masters and PhD levels. Funding for research is provided by CZA. The research findings would further increase our expertise in the management of captive animals. Some of the studies are published in national and international journals which are mentioned below.

PUBLICATIONS

1. Sahu, S. K., Purohit, K. L., Mohapatra, R. K. and Panda, S. (2021) Chemical restraint and translocation of a bull Asian elephant that strayed into a zoo. *Gajah*. 53: 47-50.
2. Maharana S. and Mohapatra, R.K. (2021) Interspecific conflict between gharial (*Gavialis gangeticus*) and mugger (*Crocodilus palustris*) in the Mahanadi river, Odisha, India. IUCN SSC Crocodile Specialist Group Newsletter. 40(2):7-8.
3. Nath, I, Sahu, S. K., Panda, S. K. Sahoo, N., Das, A. K. (2021) Surgical management of bilateral epulides in a sloth bear (*Melursus ursinus*) at Nandankanan Zoological Park. *Indian journal of animal research*.

BOOKS

1. Mishra, A. K., Mohapatra, R. K., Parida, S. P. and Mishra, S. (2021) Environmental enrichment: A prospective of captive felid management. Notion Press. India, Singapore, Malaysia. pp 1-172.
2. Mohapatra, R.K., Sahu, S. K., Joshi, A., Vanjari, C. D., Bhandari, B., Thakur, M., Perera, P., Mendis, A., Aditya, V., Sharma, G., Katdare, B., Chaudhuri, A. and Mahapatra, M. (2021) Field guide for rehabilitation of Indian pangolin. Nandankanan Biological Park, Bhubaneswar and Central Zoo Authority, New Delhi. pp : 1-39.

CONSERVATION BREEDING PROGRAMME OF THE ZOO

(a) Indian Pangolin Conservation Breeding Programme:

Nandankanan Zoological Park has the only Conservation Breeding Centre for Indian pangolins in the world. The research on conservation breeding of Indian pangolin is actively going on in the centre established in 2008. Monitoring through the infrared sensitive CCTV cameras unfolds the secrets of the life of the pangolins. Research at the centre has helped to develop proper housing, husbandry and conservation breeding protocols for this endangered species. The centre has successfully bred 10 Indian pangolins in captivity. Presently there are 26 (8M:17M:1US) pangolins. Initiatives are taken for collaboration with other pangolin facilities of South East Asia for mutual learning of best management practices including development of artificial diet, health care management, breeding and release protocols through Central Zoo Authority, New Delhi.

(b) Conservation Breeding of Long billed vultures

The vulture Conservation Breeding Centre has been constructed in an off-exhibit area of Nandankanan Zoological Park, Bhubaneswar during the year 2011-12 in an area of 0.3 acres surrounded by seven acres of undisturbed forest land with financial assistance from Central Zoo Authority, New Delhi. The Centre was established with objectives to develop protocol for captive management and breeding of long billed vultures for reintroduction and release in to wild. The founder populations are twelve numbers of long billed vultures procured from Gandhi Zoological Park, Gwalior on 26.11.2018. All the vultures are marked with leg bands for individual identity. The centre presently has one colony aviary (100'X40'X20'),

two nursery aviaries (10'X12'X8'). A laboratory complex with observatory room for CCTV monitoring, laboratory for analysis of biological samples, incubation room and biologist chamber is available. The activity patterns of vultures are being monitored through two fixed angle and one PTZ camera with infrared facility.

(C) Conservation Breeding of Indian tiger

Nandankanan Zoological Park is breeding tigers since 1966 and is a participating zoo for conservation breeding of Indian tiger since 2009. There are 350 births since 1966, including 34 birth under the conservation breeding programme i.e., after 2009. The zoo has sent tigers to the coordinating zoo Nehru Zoological Park, Hyderabad in 2016, and received wild tigress from Nandanvan Zoo, Bhopal in 2009 and a zoo bred tiger with 33% wild gene from Nehru Zoological Park, Hyderabad in 2016 to infuse new blood line and increase heterozygosity. Presently the zoo is having 27 tigers (12:13:2) and going ahead with conservation breeding programme.

(D) Conservation Breeding of Mouse deer

Nandankanan Zoological Park is breeding mouse deer since 1971 and is a participating zoo for conservation breeding of mouse deer since 2009. There has been 36 mouse deer in captivity since 1971 including 23 birth under the conservation breeding programme, i.e., after 2009. The zoo has sent mouse deer to the coordinating zoo Nehru Zoological Park, Hyderabad in 2013 and 2016, to Sri Chamarajendra Zoological Garden, Mysore in 2018 and received mouse deer from Nehru Zoological Park, Hyderabad in 2016 to infuse new blood line and increase heterozygosity. Presently the zoo is having 30 mouse deer (8:12:10) and going ahead with conservation breeding programme.

(E) Species Recovery of Gharial in the river Mahanadi

The river Mahanadi is the southern most home range of critically endangered gharials (*Gavialis gangeticus*). The project "Species Recovery of Gharial (*Gavialis gangeticus*) in river Mahanadi" was implemented since 2019 by rehabilitating zoo born gharials of Nandankanan Biological Park in the river Mahanadi to develop a sustainable population, thereby their recovery. Under the project, an updated assessment of gharials in the river Mahanadi was carried out with 15 month of pilot study and release of 7(2M:5F) transmitter tagged sub-adult gharials to assess the river physiography and problems impacting dispersal and survival of gharials in the river. With the learning from pilot study, a revised strategy was implemented by releasing larger sized transmitter-tagged gharials from Nandankanan Biological Park consisting of 3 males and 3 females measuring 2.3m-3.3m on 5th January 2021. In addition to monitoring of the transmitter-tagged gharials, association of 10 Divisional Forest Officers on either side of the river Mahanadi from Hirakud Dam to Bay of Bengal for rigid protection, implementation of No Fishing Zone in 10kms of main gharial habitat in the Satkoshia gorge of the river Mahanadi, spreading awareness among local people, provision of compensation for the damaged fishing net and reward of Rs. 1000/- for releasing live gharial caught in the fishing net were carried out to ensure their survival and future propagation.



ZOO EDUCATION PROGRAM

Around 3.1 million people visit Nandankanan Zoological Park. Such a wide, diverse, varied and regular audience provides an excellent opportunity for education, and an enormous potential to heighten public perception and awareness about the animals and their conservation. Zoos are living institutions, living classrooms, living landscapes. Zoo education is a holistic discipline targeted at zoo visitors, staff and the wider community aiming to promote an understanding of, and concern and respect for biodiversity, animals and the natural world, and encourage action for a sustainable future. In order to have impact, we need to influence as many people as possible. To do this, we need to promise and deliver something relevant and attractive to the wider community. We want visitors to enjoy themselves, and to feel the wonder and affection toward animals. We want to make it easy for visitors to take action during their visit and after they leave our gates. To achieve this education programmes are designed with a different flavour, like celebration of birthday, elephant day, naming of new born animals wetland day, pangolin day, world wildlife day, international tiger day, veterinary day, vulture day, display of signage etc. There is a dedicated zoo education officer in Nandankanan to take care of these activities.



Date	Programme/Event	No of Participants
05.06.2020	World Environment Day (Virtually)	>100
29.07.2020	International Tiger Day (Virtually)	>150
12.08.2020	World Elephant Day (Virtually)	>200
05.09.2020	International Vulture Awareness Day (Virtually)	>100
03.10.2020	Wildlife Week	>200
29.12.2020	Zoo Foundation Day	>200
03.01.2021	Field visit of B. Sc, 3rd year Zoology students from D.R. Nayapally College, Bhubaneswar	25
02.02.2021	World Wetland Day	>100
20.02.2021	World Pangolin Day	>200
20.02.2021	Orientation Programme of 29 nos of Foresters from NFTS, Champua	29
03.03.2021	World Wildlife Day	>100
27.03.2021	Induction Training of FRO Batch 2019-20 from East India Tour	Virtually

WORLD ENVIRONMENT DAY

Nandankanan Zoological Park commemorates the World Environment Day on 5th June, 2020 by organizing and promoting the Day through a series of engaging activities and events generating strong public interest and participation. This auspicious day started with clean up drive of the Zoo surroundings. In this day, fruit bearing and medicinal plants were planted by the officials and staff in the identified locations inside the Zoo. Interactive on-line competitions were conducted to raise the awareness.



INTERNATIONAL TIGER DAY

International Tiger Day was celebrated on 29th July, 2020 in a unique way due to pandemic situation. An interactive on-line quiz programme on “Tiger conservation” was conducted through our Nandankanan web page and Nandankanan app. More than 900 on-line visitors participated in this quiz competition. Participants are highly enthusiastic towards issue of e-certificate for all. Finally, a video regarding our tiger management and its conservation strategy was posted on face book page and twitter account to raise awareness amongst the people.



WORLD ELEPHANT DAY

World Elephant day was celebrated at Nandankanan Zoological Park on 12th August, 2020 in the presence of Sri Shashi Paul, (IFS) Director, Nandankanan Biological Park, Dr Siba Prasad Parida, HOD of Dept. of Zoology, Centurion University and Sri Bimal Prasanna Acharya, Deputy Director, Nandankanan Zoological Park. Due to COVID-19 Pandemic the celebration was observed with a descent manner with officers and staff of Nandankanan with a message for elephant conservation. The elephants were received a special treat of coconut, banana, sugarcane, maize, water melon and apple. The mahouts were also felicitated in the auspicious occasion for their hard work. Finally, the category wise winner name of on-line drawing competition was declared by honourable guest which was held on line between 05th August 2020 to 11th August 2020.



INTERNATIONAL VULTURE AWARENESS DAY

International Vulture Awareness Day was celebrated on 5th August, 2020 in a unique way due to pandemic situation. Drawing competition was held on 30th August, 2020. The winners name of both senior and junior group was announced on 5th September, 2020. On the same day an interactive on-line quiz programme on “Vulture Conservation” was conducted through our Nandankanan

WINNERS OF DRAWING COMPETITION (SENIOR GROUP)





web page and Nandankanan app. More than 500 visitors participated in this quiz competition. All winners certificate and mementos were sent to their postal address via courier service. Participants are highly enthusiastic towards issue of e-certificate for all. Finally, a video regarding our Vulture Conservation Breeding Centre was posted on face book page and twitter account to raise awareness amongst the people.

WILDLIFE WEEK

66th Wildlife Week was celebrated at Nandankanan Zoological Park on 6th October, 2020 An interactive quiz programme on “Wildlife” was conducted amongst the visitors. Prizes were distributed to 25 students which are highly appreciated by participants. Finally, a signature campaign programme was done near Interpretation centre of Nandankanan Zoological Park to create awareness on importance of Wildlife Conservation amongst the visitors.

FOUNDATION DAY

The 61st Foundation Day of Nandankanan was celebrated on 29th December 2020. Sri Bikram Keshari Arukha, Hon'ble Minister of Forest & Environment and Parliamentary Affairs, Odisha, graced the occasion as Chief Guest. Sri Suresh Kumar Routray, Hon'ble, MLA, Jatani, Khordha, Sri Sushanta Kumar Rout, Hon'ble, MLA, Bhubaneswar (North), Khordha, Dr Mona Sharma, (IAS), Additional Chief Secretary to Government, Forest & Environment Dept, Odisha and Dr Hari Shankar Upadhyay, (IFS), PCCF (WL) & CWLW, Odisha, was the guest of Honour of the ceremony. Annual Report for the year 2019-20 and IEC materials were released on the occasion. The best workers of Nandankanan were rewarded by the Guests. The meeting was attended by VIPs, dignitaries, visitors, local inhabitants, serving and retired forest officers and zoo staff and media persons. On the eve of 61st foundation day, the newly constructed safari bus stand and visitor exit path was inaugurated. In addition to that naming of two male tiger cubs are given which were born from Sneha & Saif on 09th January, 2020. The names “Laba” and “Kusha” has chosen as the name of cubs. Finally, organisation like JSW and SBI adopted different animals under the Adopt-an-Animal scheme. JSW adopted 27 numbers of tigers where as SBI adopted 08 white tigers and 20 nos of Sambar.



WORLD WETLANDS DAY

World Wetland Day, was celebrated on 2nd February, 2021 in front of interpretation centre of Nandankanan Zoological Park. The programme was attended by the visitors, representatives of Print and Electronic Media and Staff of Nandankanan Zoological Park. The theme for this year 2021 was “Wetland and Water”. An awareness rally was conducted in front of Gate No. 2 after that an interactive quiz programme on this year theme was conducted amongst the visitors. Prizes were distributed amongst the winners of quiz programme, which was highly appreciated by the participants. Finally, a signature campaign was conducted to make the visitor aware about the importance of wetlands.



WORLD PANGOLIN DAY

The World Pangolin Day was observed at Nandankanan Zoological Park on 20th February 2021. The celebration was observed with a mass awareness programme amongst the visitors, students from different schools, students from different universities, guides and staffs of Nandankanan with a message for pangolin conservation. An open quiz competition was conducted amongst the visitors on the theme “Pangolin & Me”. The prizes have been distributed to the 20 number of winners. Chief Guest emphasized to motivate the people of surroundings and their involvement to protect the precious species from extinction. Finally, a signature campaign was organized to raise the awareness amongst the visitors.



WORLD WILDLIFE DAY

The World Wildlife Day was celebrated at Nandankanan Zoological Park on 3rd March 2021 to create awareness among people. A Quiz competition on theme “Forests & Livelihood” was organized during the celebration. The School children, visitors, zoo guides and employees of Nandankanan Zoological Park were participated in the celebration.



STATE BOTANICAL GARDEN, NANDANKANAN

The State Botanical Garden spread over an area of 75 ha. is situated in the sylvan settings of the moist deciduous forest of the sprawling green Nandankanan Sanctuary hemmed in between two wetlands. The Botanical Garden was established in the year 1963 and was under the management of Horticulture Department. The management of the State Botanical Garden was transferred to Nandankanan on 01.08.2006. One would be definitely impressed by the nature's symphony and the exquisite touch of the wilderness here. This is one of the pioneering plant conservation and nature education centres of the State. The Botanical garden is sure to provide memorable experience to the green enthusiasts. The State Botanical Garden is situated inside Nandankanan wildlife sanctuary. Kiakani lake with an area of about 25 ha. is located inside the State Botanical Garden.



ENTRY FEE & OTHER CHARGES

Botanical Garden

Children upto 12 years	: Free
Adult	: Rs.20/-
Two wheeler	: Rs.30/-
Three wheeler	: Rs.30/-
Four wheeler	: Rs. 100/-
Heavy vehicle	: Rs.200/-

Timing

The Garden remains open on all public days except Mondays from 7.30 AM to 5.30 PM (April to September) during summer and 8.00 AM to 5.00 PM (October to March) during winter.

Picnic spot

Smaller pindies	: Rs. 250/- + Rs. 50/- (Service charges) each.
Bigger pindies	: Rs. 500/- + Rs. 50/- (Service charges) each.
Each room of the barrack	: Rs. 1200/- + Rs. 100/- (Service charges)
FRH-I (Suit-I)	: Rs.3000.00+ Rs. 100/- Service charges
FRH-I(Suit-II)	: Rs.2500.00+ Rs. 100/-Service charges
FRH-II	: Rs.2500.00+Rs. 100/-Service charges
Holiday Cottage	: (ground floor) Rs.2500.00+ Rs. 100/-Service charges
Holiday Cottage	: (first floor) Rs.2500.00+ Rs. 100/-Service charges
Special picnic pindies	: Rs. 1500/- + Rs. 100/- (Service charges) each
Picnic sheds	: Rs. 1200/- + Rs. 100/- (Service charges) each
Film shooting	: Rs.25,000/- per day
TV serial/documentary	: Rs.15000/- per day
Album song	: Rs.10,000/- per day

VISITOR FLOW & REVENUE GENERATED DURING LAST FIVE YEARS

Year	No. of visitors	Total Revenue collected (Rs. In lakh)
2016-2017	200007	54.28
2017-2018	192590	71.73
2018-2019	186494	72.26
2019-2020	154824	61.22
2020-2021	72820	29.11

INFRASTRUCTURE

The Botanical Garden covers 26 different satellite gardens spread all over undulating landscapes mixed with natural vegetation and meadows. The important facilities available in the Botanical Garden are described below.

GLASS HOUSE

A spacious glass house of 2013 sq ft. has been developed for housing succulent plants. A variety of bonsai adds beauty to the Glass House. One can enjoy blooming ornamental plants from the period from November to March.



CACTI HOUSE

A 1080 sq ft. Poly house houses important species of cactii and succulent plants. A rich collection of more than 1200 cacti are available in the Cacti House.



DRY GARDEN

A garden of xerophytic plants has been developed over an area of 0.65 Acre in front of Glass House. The entire garden has been designed with loose stone work to give it exclusive look of dry zone which attracts the visitors.



Green House

A state of art green house of 5200 sq ft. houses the cultivars of 60 species of indoor plants like Aglaonema, Philodendron, Calathea, Cordyline, Difenbachia, Spathophyllum, Peperomia, Monstera, Hemigraphis etc.



Children's Park

A niche for the kids has been created within the natural setting by providing swings, merry-go-round, sliding chute etc. The gallery located nearby filled with ornamental plants enhances beauty of the Park.



Buddha Park

The park has been developed over an area of 12000 sq ft located by the scenic beauty of Kanjia Lake. It features a beautiful Buddha Statue as its centre piece. Rain shelter, sit outs and ornamental flower beds are other attractions.

Artificial zoo

Models of different animals are used to explain the ecological niche with an objective to generate awareness among the children.



Butterfly Park

Butterfly Park, an interesting option among visitors has been developed over an area of 36590 sq.ft. The garden has an unique landscape with 6400 butterfly dependant plants. The garden has one cascading waterfall with 170 sq ft. flowing water channel, fountains and artistic bridges. One can sight more than 58 species of butterfly here. The visitor will get the fragrance of beautiful flowers and feel the beauty of flying jewels of nature. The newly created Butterfly Park was opened to the visitors in February, 2014.

Butterfly Interpretation Centre

The Centre spreads over an area of 800 sq.ft has been developed near the Butterfly Park. The newly opened centre has colourful pictorial display boards to disseminate information on butterfly to the visitors. The main objective of the centre is to provide latest information on various aspects of butterfly. A short documentary about butterfly is an added attraction. The Interpretation centre was opened to the visitors in March, 2015.



Rosarium

It is one of the richest collections of 1200 Rose plants belonging to 55 varieties grown over an area of 1.5 Acres of land. The garden is liked by the visitors most and has maximum foot flow during the winter.



Orchid House

The largest Orchid House of the State spreads over an area of 5000 sq.ft. and displays more than 1000 orchids of 57 varieties belonging to 37 species. One can enjoy the orchid in bloom round the year displaying various colour of nature.



Medicinal Garden

A well renovated medicinal garden spreads over an area of 2.26 Acre which displays of rich collection of 225 species of herbs, shrubs, creeper, climber and trees.

Japanese Garden

A state of art Japanese Garden in Tsukyama-niwa style with flowing streams and other typical features is a star attraction. It covers an area of 0.50 acre.



Evolution Garden

The Evolution Garden covering an area of 0.77 ha gives complete information about the evolution system of plant kingdom. The one way path takes a visitor from lower plant groups like Algae, fungi, Bryophyta, Pteridophyta to evolution of large plant groups like Gymnosperm and Angiosperms. The concept of such garden is very informative for the students and researchers.



Mughal Garden

The Mughal Garden covering an area of 1.01 ha has a cascade of flowing water and flowering plants both seasonal and perennial on both sides give a look of gardens of Mughal era. The garden is liked mostly by the young people and has maximum foot flow during winter.

Heritage Garden

The Heritage Garden covering an area of 1.2 Acre is situated adjoining to the Evolution garden with natural rock and old Banyan trees. A Tulsi (Occimumsantum) garden containing six varieties of Tulsi plant with models of monk, live size cow and tribal hut are the attraction of the garden.



Arboretum

The Arboretum spread over an area of 4 ha has been established with collection of more than 234 species (from 49 families) found in the Eastern Zone forests. A minimum of 10 nos. of each species has been planted with signage displayed. A network of path has been made through the plantation which will be an ideal walk way for botanization for the trainees and students.



Landscape Garden

It is a model landscaping having different elements like lawn, trees and shrubs spread over an area of 1.6 Acre. 1000 trees of different species have been planted to maintain the rhythm.



Palm Garden

Palm garden is an amazing site to see varieties of common and rare palms. A collection of 29 varieties of beautiful palms have been planted over an area of 15000 sq.ft. One designed water body along with 15000 sq.ft grass carpet has been developed inside the Palm Garden for the public.



Bougainvillea Garden

One Bougainvillea garden has been developed over an area of 21400 sq.ft. More than 1000 Bougainvillea plants of different colours (8 varieties) have been displayed in the garden. A series of creepers raised on the back of the garden adds beauty to the park.

Hibiscus Garden

A garden has been developed over an area of 11000 sq. ft, located in between glass house and Palm garden. More than 130 nos of plants of 27 varieties have been planted in the garden.



Carnivorous plant garden

The garden established inside the state botanical garden covering an area of 800 sq ft is intended to exhibit carnivorous plants. Nandankanan is first of its kind to display carnivorous Plants. The garden has been developed initially to accommodate 4 species of carnivorous plants with provision of naturalistic landscape.



Hydrophytes Garden

Hydrophytes garden is an amazing site to see varieties of common and rare hydrophytes. A collection of 23 varieties have been planted over an area of 0.1 Acre.



CONSTITUTION OF THE SOCIETY FOR MANAGEMENT AND DEVELOPMENT OF NANDANKANAN BIOLOGICAL PARK.

Government of Orissa constituted the “Society for Management and Development of Nandankanan Zoological Park” on 27th August, 2005 and the society has been registered under the Registration of Societies Act of 1860 with Registration No. 22073/54 of 2005-2006 dated 27.08.2005, with the following principal objectives.

- (a) Complementing, supplementing, strengthening or otherwise expanding the activities of Nandankanan Zoological Park in the cause of in-situ conservation of wildlife captive management of wildlife and eco-tourism and facilitating linkage between ex-situ and in-situ management of wildlife.
- (b) To act as platform for open debate, discussion and subscribe to otherwise assist any charitable, benevolent, scientific, national, public or any other institution the object or purpose of which are consistent with or which promotes objects of the society.
- (c) To coordinate and liaise with national/international bodies, experts and funding agencies and to receive constitution and funds from Government of India, Central Zoo Authority, State Government or any individual, institute, national or international agencies, any other institution of Central Government or State Government for specific conservation programme, development of eco-tourism amenities of Nandankanan.
- (d) To receive and manage all contributions given to the Society in large interest of Nandankanan Zoological Park for maintenance and upkeep of zoo animals, improvement of the premises as well as maintenance and upkeep of zoo animals, improve the premises as well as maintenance and improvement of visitors amenities.
- (e) To engage/employ such staff as may be necessary for efficient handling and conduct of business of the society with approval of General Body.
- (f) To do all such acts and activities as area incidental or conducive to attainment of the objectives or directly beneficial to the society in promotion of its objects, subject to the overall control of the Chief Wildlife Warden and in conformity with the Society Registration Act, 1860.
- (g) To carry out any other activities in the furtherance of the above objectives.

UNIQUENESS OF NANDANKANAN

- Only zoo in the world where melanistic tigers were born (2014) and displayed to the visitors.
- It is the host zoo for white tigers, white tigers were born to normal coloured parents in 1980, a unique event in the world.
- First zoo in the country where endangered Gharials were born in captivity in 1980.
- A unique white tiger safari was established in the Zoological Park on 1st October, 1991.
- Wonderful site for wildlife conservation and education where one can experience integration of ex-situ and in-situ conservation of wild fauna and flora.
- Presence of Kanjia Lake- A wetland of National Importance (2006)
- Conservation Breeding Centre for Indian Pangolin and Long billed vultures.
- Nandankanan has largest enclosures for housing Gharials and Hippopotamus.
- Second largest heronry for open billed storks in Odisha.
- Has a Captive Fodder Farm (over 33 Acs.) and a Slaughter house to cater the dietary needs of animals housed in the Zoological Park.
- First zoo in the country to become an Institutional member of World Association of Zoos & Aquarium (WAZA).
- First Zoo in the country where endangered Ratel was born in captivity.
- First zoo in the country after which an express train 12815/12816 Puri-New Delhi Express has been named as “Nandankanan Express”.



Animal Adoption rates proposed for different species which are arrived based on the data collected for feed charges, veterinary care charges, animal keeping charges and administrative charges for per year/ six months/ three months and one month.

ADOPTION CHARGES PROPOSED FOR DIFFERENT SPECIES

Serial no.	Name of the Species	Scientific name	No. of animal available for adoption	Adoption charges in Rupees			
				Per year (365 days)	Per six months (180 days)	Per three months (90 days)	Per month (30 days)

BIRDS

1.	HELLBONNET	<i>Coccyzoida meliotos</i>	1	10000/-	5000/-	2500/-	1000/-
2.	INDIAN PRINCE DOW	<i>Pavo cristatus</i>	13	15000/-	7500/-	3800/-	1300/-
3.	WHITE INDIAN PRINCE DOW	<i>Pavo urinator</i>	7	15000/-	7500/-	3800/-	1300/-
4.	EUROSIAN WHITE SPOONBILL	<i>Platona leucorhoa</i>	1	10000/-	5000/-	2500/-	1000/-
5.	CHINESE VULTURE	<i>Neophaps monachus</i>	2	10000/-	5000/-	2500/-	1000/-
6.	LONG BILLED VULTURE	<i>Cypus indicus</i>	1	10000/-	5000/-	2500/-	1000/-
7.	WHITE BACKED VULTURE	<i>Cypus bengalensis</i>	1	10000/-	5000/-	2500/-	1000/-
8.	EMERALD RITE	<i>Haliastur indus</i>	2	10000/-	5000/-	2500/-	1000/-
9.	BLACK RITE	<i>Nyctea nyctea</i>	11	10000/-	5000/-	2500/-	1000/-
10.	SHIKRA	<i>Accipiter badius</i>	2	10000/-	5000/-	2500/-	1000/-
11.	GREY HORN-BILL	<i>Oxyechus bitorquatus</i>	2	10000/-	5000/-	2500/-	1000/-
12.	SABUS CRANE	<i>Grus antigone</i>	1	15000/-	7500/-	3800/-	1300/-
13.	EMERALD DOW	<i>Chalcophaps indica</i>	4	10000/-	5000/-	2500/-	1000/-
14.	SPOTTED DOW	<i>Spilopelia chinensis</i>	8	5000/-	2500/-	1500/-	500/-
15.	RING NECKED DOW	<i>Streptopelia capicola</i>	3	5000/-	2500/-	1500/-	500/-
16.	CATTLE EGRET	<i>Bubulcus ibis</i>	6	5000/-	2500/-	1500/-	500/-
17.	LARGE EGRET	<i>Comocentrus nilus</i>	1	5000/-	2500/-	1500/-	500/-
18.	LITTLE EGRET	<i>Egretta garzetta</i>	6	3000/-	1500/-	750/-	300/-
19.	MEDIAN EGRET	<i>Egretta intermedia</i>	1	5000/-	2500/-	1500/-	500/-
20.	NIGHT HERON	<i>Nycticorax nycticorax</i>	72	10000/-	5000/-	2500/-	1000/-
21.	WHITE BEE	<i>Thalassidroma aethiops</i>	159	10000/-	5000/-	2500/-	1000/-
22.	KOEL	<i>Eudynamis scolopacea</i>	2	10000/-	5000/-	2500/-	1000/-
23.	RED MUNIA	<i>Emberiza hortulana</i>	2	10000/-	5000/-	2500/-	1000/-
24.	BLACK HEADED MUNIA	<i>Laniatura ludlowi</i>	1	10000/-	5000/-	2500/-	1000/-

25.	SPOTTED MUNIA	<i>Lonchura punctulata</i>	1	10000/-	5000/-	2500/-	1000/-
26.	BARB DOW	<i>Tyto alba</i>	17	10000/-	5000/-	2500/-	1000/-
27.	BROWN FISH DOW	<i>Bubo zeylonicus</i>	2	10000/-	5000/-	2500/-	1000/-
28.	ORIBAL SCOPS DOW	<i>Otus scops</i>	1	10000/-	5000/-	2500/-	1000/-
29.	ALEXANDRINE PARAKEET	<i>Ptilinopus expensis</i>	16	5000/-	2500/-	1500/-	500/-
30.	EGGSON HEADED PARAKEET	<i>Ptilinopus thymelaeus</i>	4	5000/-	2500/-	1500/-	500/-
31.	ROSE BIRD PARAKEET	<i>Ptilinopus krameri</i>	25	5000/-	2500/-	1500/-	500/-
32.	GREY PELICAN	<i>Pelecanus philippinus</i>	14	10000/-	5000/-	2500/-	1000/-
33.	ROSY PELICAN	<i>Pelecanus minorotus</i>	5	10000/-	5000/-	2500/-	1000/-
34.	PAINTED STORK	<i>Myrictia leucorhynchos</i>	19	15000/-	7500/-	3800/-	1300/-
35.	OPEN BILL STORK	<i>Anasomus nasutus</i>	11	10000/-	5000/-	2500/-	1000/-
36.	WOODEN NECKED STORK	<i>Ciconia episcopus</i>	1	15000/-	7500/-	3800/-	1300/-
37.	RED LEGGE EDWAL	<i>Colinus pallas</i>	8	10000/-	5000/-	2500/-	1000/-
38.	BUDGERIGAR	<i>Meliphaga undulatus</i>	314	5000/-	2500/-	1500/-	500/-
39.	COO-MATEL	<i>Nymphalys halimada</i>	92	5000/-	2500/-	1500/-	500/-
40.	LEAF-SUCKER	<i>Cercatus alpinus</i>	1	10000/-	5000/-	2500/-	1000/-
41.	UMBRELLA BREDIED COCKATOO	<i>Cacatus alpinus</i>	1	10000/-	5000/-	2500/-	1000/-
42.	BROWN THROATED COCKAT	<i>Euphalia porphyrio</i>	3	5000/-	2500/-	1500/-	500/-
43.	ANDAMAN COCKURE	<i>Aratinga inornata</i>	25	5000/-	2500/-	1500/-	500/-
44.	SUN COCKURE	<i>Aratinga canalis</i>	48	5000/-	2500/-	1500/-	500/-
45.	PHEASANT COCKURE	<i>Pyrrhura melanotos</i>	4	5000/-	2500/-	1500/-	500/-
46.	YELLOW BIRD COCKURE	<i>Pyrrhura asiatica</i>	9	5000/-	2500/-	1500/-	500/-
47.	BARBARI DOVE	<i>Streptopelia risoria</i>	2	5000/-	2500/-	1500/-	500/-
48.	DIAMOND DOW	<i>Carpollis coromata</i>	2	5000/-	2500/-	1500/-	500/-
49.	LARKING DOW	<i>Spilopelia senegalensis</i>	2	5000/-	2500/-	1500/-	500/-
50.	HANDSOME DUCK	<i>Anas platyrhynchos</i>	17	3000/-	1500/-	750/-	300/-
51.	LESSER NOBUN STORK	<i>Leucorhynchus leucorhynchus</i>	2	15000/-	7500/-	3800/-	1300/-
52.	EMU	<i>Dromas novaehollandia</i>	5	10000/-	5000/-	2500/-	1000/-
53.	EMERALD RINCH	<i>Laniatura ludlowi</i>	21	5000/-	2500/-	1500/-	500/-
54.	LONG TAILED RINCH	<i>Papalia cinerea</i>	2	5000/-	2500/-	1500/-	500/-
55.	STAR RINCH	<i>Papalia infucata</i>	1	5000/-	2500/-	1500/-	500/-
56.	TIBBA RINCH	<i>Papalia pulchra</i>	212	5000/-	2500/-	1500/-	500/-

MAMMALS

57.	GREY HERON	<i>Ardea cinerea</i>	13	5000/-	2500/-	1500/-	500/-
58.	BLUE TAILED LORKEET	<i>Trichoglossus haemorrhodus</i>	3	5000/-	2500/-	1500/-	500/-
59.	SWAMPHERON'S LORKEET	<i>Trichoglossus melanoleucus</i>	6	5000/-	2500/-	1500/-	500/-
60.	YELLOW BACKED LORKEET	<i>Trichoglossus melanoleucus</i>	1	5000/-	2500/-	1500/-	500/-
61.	FISH-EARS LOVE BIRD	<i>Agapornis fischeri</i>	36	5000/-	2500/-	1500/-	500/-
62.	TEAR FACED LOVE BIRD	<i>Agapornis naldesi</i>	12	5000/-	2500/-	1500/-	500/-
63.	HAKSED LOVE BIRD	<i>Agapornis naldesi</i>	4	5000/-	2500/-	1500/-	500/-
64.	GREEN WINGED WALKAW	<i>Act chloroptera</i>	2	15000/-	7500/-	3800/-	1300/-
65.	COTTECH	<i>Streptopus canalis</i>	4	15000/-	7500/-	3800/-	1300/-
66.	AFRICAN GREY HERON	<i>Fulica eboracensis</i>	2	15000/-	7500/-	3800/-	1300/-
67.	GOLDEN PHEASANT	<i>Chrysolophus pictus</i>	25	15000/-	7500/-	3800/-	1300/-
68.	LADY AMHERST'S PHEASANT	<i>Chrysolophus amherstiae</i>	11	15000/-	7500/-	3800/-	1300/-
69.	BANG NECKED PHEASANT	<i>Rhinopus solitarius</i>	0	15000/-	7500/-	3800/-	1300/-
70.	SILVER PHEASANT	<i>Lophura nycthemera</i>	34	15000/-	7500/-	3800/-	1300/-
71.	REDS PHEASANT	<i>Symplectura risoria</i>	4	15000/-	7500/-	3800/-	1300/-
72.	YELLOW GOLDEN PHEASANT	<i>Chrysolophus pictus mut.</i>	1	15000/-	7500/-	3800/-	1300/-
73.	EASTERN ROSELLA	<i>Ptilinopus amabilis</i>	5	15000/-	7500/-	3800/-	1300/-
74.	JAVA SWALLOW	<i>Hirundo erythra</i>	97	5000/-	2500/-	1500/-	500/-
75.	BLACK SWAN	<i>Cygnus cygnus</i>	3	15000/-	7500/-	3800/-	1300/-
76.	MERRIS HERON	<i>Ptilinopus napier</i>	4	10000/-	5000/-	2500/-	1000/-
77.	RED BELLIED SPOCK	<i>Rissa solitaria</i>	6	10000/-	5000/-	2500/-	1000/-
78.	WILLET	<i>Alcedoptuga violacea</i>	6	15000/-	7500/-	3800/-	1300/-
79.	LARKING STONES TURACK	<i>Trogon livingstonii</i>	2	15000/-	7500/-	3800/-	1300/-
80.	RING NECKED PARAKEET		14	10000/-	5000/-	2500/-	1000/-
81.	FOUR RINGED CIVICATA	<i>Tetraxys quadrivittata</i>	4	10000/-	5000/-	2500/-	1000/-
82.	SHAMU/BLACK BEAR	<i>Selenarctos ussurianus</i>	6	20000/-	10000/-	5000/-	1700/-
83.	SOUTH BEAR	<i>Melanarctos ussurianus</i>	4	20000/-	10000/-	5000/-	1700/-
84.	BLACK BLACK	<i>Artibeus cervicapra</i>	17	10000/-	5000/-	2500/-	1000/-
85.	LEopard Cat	<i>Felis chaus</i>	5	8000/-	4000/-	2000/-	800/-
86.	LEopard Cat	<i>Protonitrus bengalensis</i>	1	10000/-	5000/-	2500/-	1000/-
87.	COMCHINGHA CIVET	<i>Paracivettus horsfieldii</i>	33	5000/-	2500/-	1500/-	500/-
88.	SMALL REDDANT CIVET	<i>Viverricula indica</i>	1	10000/-	5000/-	2500/-	1000/-

Sl. No.	Animal Name	Scientific Name	Number of Animals	Adoption Fee	Adoption Fee	Adoption Fee	Adoption Fee
126.	RED HANDED BOOBIE	Sogivus andia	1	15000/-	7500/-	3000/-	1300/-
127.	BLACK THROATED MONALISEE	Callinax penicillata	2	15000/-	7500/-	3000/-	1300/-
128.	MON COBBA	Ophiophagus hannah	3	30000/-	15000/-	7500/-	2500/-
129.	MONCELLEATE COBBA	Naja naja kouthia	3	5000/-	2500/-	1500/-	800/-
130.	MONCELLEATE COBBA	Naja naja	2	5000/-	2500/-	1500/-	800/-
131.	MONSOON MONALISEE	Ganiats gangeticus	123	20000/-	10000/-	5000/-	1700/-
132.	MUDGER CROCODILE	Crocodilus palustris	21	20000/-	10000/-	5000/-	1700/-
133.	SALT WATER CROCODILE	Crocodilus porosus	1	20000/-	10000/-	5000/-	1700/-
134.	COMMON MONITOR LIZARD	Varanus bengalensis	2	10000/-	5000/-	2500/-	1000/-
135.	WATER MONITOR LIZARD	Varanus azvatar	0	10000/-	5000/-	2500/-	1000/-
136.	SURSEE PYTHON	Python molurus bivittatus	1	10000/-	5000/-	2500/-	1000/-
137.	SIKES ROCK PYTHON	Python molurus molurus	2	10000/-	5000/-	2500/-	1000/-
138.	RETICULATED PYTHON	Python reticulatus	2	20000/-	10000/-	5000/-	1700/-
139.	SAI SHAKE	Physa physa	1	5000/-	2500/-	1500/-	500/-
140.	FRESH WATER TURTLE / FLAP SHELL TURTLE	Lissemys punctata	04	5000/-	2500/-	1500/-	500/-
141.	SHARKS SOFT SHELL TURTLE	Trionyx gangeticus	1	5000/-	2500/-	1500/-	500/-
142.	BUSSES WPER	Viperia russellii	1	5000/-	2500/-	1500/-	500/-
143.	SIKES CHAMELEON	Chamaeleo zeylanicus	2	5000/-	2500/-	1500/-	500/-
144.	COMMON SAND BED	Eryx jayakari	3	5000/-	2500/-	1500/-	500/-
145.	RED SAND BOA	Eryx conicus	2	5000/-	2500/-	1500/-	500/-
146.	CHITRA TURTLE	Chitra indica	3	10000/-	5000/-	2500/-	1000/-
147.	BOBBER BROT	Bungarus bungarus	2	5000/-	2500/-	1500/-	500/-
148.	COMMON INDIAN BROT	Bungarus bungarus	2	5000/-	2500/-	1500/-	500/-
149.	INDIAN STAR TORRESE	Crotaphytus elegans	13	5000/-	2500/-	1500/-	500/-
150.	INDIAN TURTLE	Pangshura tentoria	3	5000/-	2500/-	1500/-	500/-
151.	MORBIETI CROCODILE	Crocodilus morobiti	2	15000/-	7500/-	3800/-	1300/-
152.	SWAMP CROCODILE	Crocodilus palustris	19	15000/-	7500/-	3800/-	1300/-
153.	SWAMP CURIEE CANAN	Polypterus senegalensis	5	15000/-	7500/-	3800/-	1300/-
154.	GREEN GUANA	Iguana iguana	3	10000/-	5000/-	2500/-	1000/-
155.	RED GUANA	Iguana iguana	4	10000/-	5000/-	2500/-	1000/-

Together, we can make the difference!

The challenge of wildlife conservation and education is a huge task which can only be met if everybody joins hands and takes it as a collective responsibility. There are many ways in which you can help to conserve wildlife. All our Adoption of Nandanakan Zoological Park is certainly a way of showing your concern.

Your participation and contribution will help us care for our wildlife conservation programmes while inspiring others to take the lead. We hope you will join us in our effort to protect the wildlife and in building a safe environment for everyone to flourish.

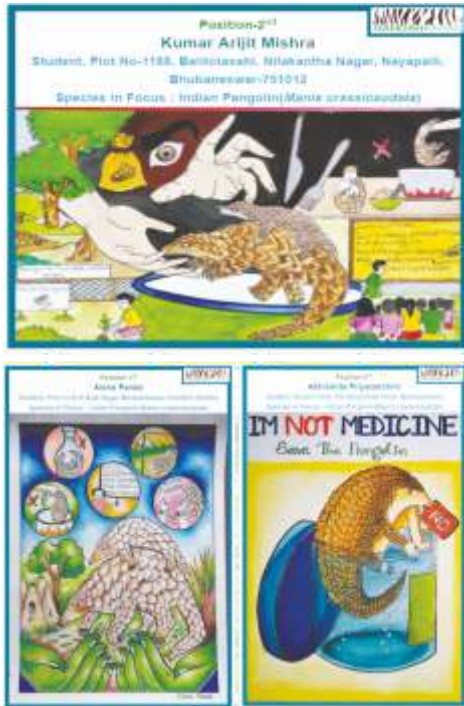
Privileges proposed for the visitors who will adopt the animals in Nandanakan Zoological Park, Bhubaneswar.

- A. Level-I (Rs. 500/- to Rs. 10000/-)**
 - Official certificate of adoption.
 - Information Sheet about Adopted animal.
 - Adoption folder with pen.
 - Mention an Adopter's chart on web wall of Nandanakan website.
 - Free pass on Annual Report Donor's chart.
 - Four free zoo entry ticket.
 - A plaque at the animal's enclosure.
- B. Level-II (Rs. 1000/- to Rs. 25000/-)**
 - All donations and adoption contribution are exempted U/S 80G Income Tax Act 1961.
 - Official certificate of adoption.
 - Information Sheet about Adopted animal.
 - Adoption folder with pen.
 - Mention an Adopter's chart on web wall of Nandanakan website.
 - Mention an Annual Report Donor's chart.
 - Four free zoo entry ticket.
 - A plaque at the animal's enclosure.
- C. Level-III (Rs. 25000/- to Rs. 50000/-)**
 - All donations and adoption contribution are exempted U/S 80G Income Tax Act 1961.
 - Official certificate of adoption.
 - Information Sheet about Adopted animal.
 - Adoption folder with pen.
 - Mention an Adopter's chart on web wall of Nandanakan website.
 - Mention an Annual Report Donor's chart.
 - Six free zoo entry ticket.
 - A plaque at the animal's enclosure.
- D. Level-IV (Rs. 50000/- to Rs. 750000/-)**
 - All donations and adoption contribution are exempted U/S 80G Income Tax Act 1961.
 - Official certificate of adoption.
 - Information Sheet about Adopted animal.
 - Adoption folder with pen on web wall of Nandanakan website.
 - Mention an Annual Report Donor's chart.
 - Eight free zoo entry ticket.
 - A plaque at the animal's enclosure.
- E. Level-V (Rs. 75000/- to Rs. 100000/-)**
 - All donations and adoption contribution are exempted U/S 80G Income Tax Act 1961.
 - Official certificate of adoption.
 - Information Sheet about Adopted animal.
 - Adoption folder with pen.
 - Mention an Adopter's chart on web wall of Nandanakan website.
 - Mention an Annual Report Donor's chart.
 - Ten free zoo entry ticket.
 - A plaque at the animal's enclosure.
- F. Level-VI (Rs. 100000/- to Rs. 1500000/-)**
 - All donations and adoption contribution are exempted U/S 80G Income Tax Act 1961.
 - Official certificate of adoption.
 - Information Sheet about Adopted animal.
 - Adoption folder with pen.
 - Mention an Adopter's chart on web wall of Nandanakan website.
 - Mention an Annual Report Donor's chart.
 - Five free Battery Vehicles ticket.
 - A plaque at the animal's enclosure.
- G. Level-VII (Rs. 150000/- to Rs. 2000000/-)**
 - All donations and adoption contribution are exempted U/S 80G Income Tax Act 1961.
 - Official certificate of adoption.
 - Information Sheet about Adopted animal.
 - Adoption folder with pen.
 - Mention an Adopter's chart on web wall of Nandanakan website.
 - Mention an Annual Report Donor's chart.
 - Five free Battery Vehicles ticket.
 - Five free Safari entry ticket.
 - A plaque at the animal's enclosure.
- H. Level-VIII (Rs. 200000/- to Rs. 2500000/-)**
 - All donations and adoption contribution are exempted U/S 80G Income Tax Act 1961.
 - Official certificate of adoption.
 - Information Sheet about Adopted animal.
 - Adoption folder with pen.
 - Mention an Adopter's chart on web wall of Nandanakan website.
 - Mention an Annual Report Donor's chart.
 - Five free Battery Vehicles ticket.
 - Ten free Safari entry ticket.
 - A plaque at the animal's enclosure.

Happy Donor!
Nandanakan Zoological Park, Bhubaneswar, Odisha, India
We are at 0674346073, Email: adoption@nandanakan.org
www.nandanakan.org

WINNERS OF ONLINE OUTREACH ACTIVITIES

AZADI KA AMRIT MAHOTSAV



INTERNATIONAL TIGER DAY



INTERNATIONAL CULTURE AWARENESS DAY



WORLD CROCODILE DAY



WINNERS OF ONLINE OUTREACH ACTIVITIES

WORLD ELEPHANT DAY



WORLD ENVIRONMENT DAY



WORLD WETLAND DAY





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WE SHALL GRATEFULLY REMEMBER YOUR CONTRIBUTION TO THE ZOO
Superannuating Staff During Year 2020-2021



Sri Balunki Behera
Chowkidar
On 30.04.2020



Sri Sanjib Kumar Sahoo
Jr. Accountant
On 31.05.2020



Sri Udaya Kumar Das
Animal Keeper
On 31.05.2020



Sri Sukdev Sahoo
Animal Keeper
30.06.2020



Sri Surendra Kumar Behera
Zoo Watcher
On 31.07.2020



Sri Rajkumar Behera
Artist Curn Modeler
On 31.08.2020



Sri Surendra Rout
Temporary Status
On 30.09.2020



Sri Bamam Charan Mallik
Animal Keeper
On 31.10.2020



Sri Pramod Kumar Panda
Head Clerk
On 31.01.2021



Sri Sasadhar Naik
Watchman
On 28.02.2021



Sri Krushna Ch. Rout
Booking Clerk
On 28.02.2021



Sri Chheta Bhoi
Sweeper
On 31.03.2021



Sri Ranjan Kumar Mohanty
Forest Range Officer
On 31.03.2021



Nandankanan Biological Park, Bhubaneswar, Odisha
Tel: +91 674 2547850, Fax: +91 674 2547840
www.nandankanan.org