



# NANDANAM

Nandankanan Biological Park

## NewsLetter

JULY-SEPT 2022  
VOL.1 (ISSUE-II)



## From the Director's Desk

This quarter has been quite engaging and eventful. During this quarter, the newly constructed Modular PM house, Incinerator complex, Zoo laboratory and Indian fox enclosure was completed and inaugurated by Sri Shashi Paul, PCCF (WL) & CWLW, Odisha. Two days Zoo Directors Conference was organized at Bhubaneswar collaboration with Central Zoo Authority, New Delhi. During the quarter we have successfully organized International Tiger Day, World Elephant Day, National Moth Week, Cheetah Awareness Week, Tree walk and other citizen science activities. The support of donors in the form of animal adoption continued during this period also. This generous support goes long in ensuring welfare of zoo animals and promoting in wildlife conservation. One Range Officer and one Forest Guard were posted during this quarter against the existing vacancy. Three teams were sent to three different zoos on exposure visit to gather the knowledge on best practices adopted to enhance their capacity in management of zoo which help us to adapt new practices and technology. Internship programme for graduate and post graduate students started with an objective to provide a platform to start and learn basic research in the field of zoo management and learn new skills of ex-situ and in-situ conservation techniques at Nandankanan.

I hope the coming days bring more joy and learning to zoo visitors and we improve further in meeting the expectations of zoo visitors as well as maintain the highest standards in zoo animals' welfare. Finally, I thank all the staff member of Nandankanan who are working relentlessly for upkeep and improvement of Nandankanan. Best Wishes

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

### Editorial Board

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

Dr Sanjeet Kumar, IFS  
Deputy Director, Nandankanan Zoological Park

Dr Rajesh Kumar Mohapatra  
Biologist, Nandankanan Zoological Park

Sri Milan Kumar Panda  
Education Officer, Nandankanan Zoological Park

## ABOUT US

Nandankanan Zoological Park is one of the finest large zoos of India established on 29th December, 1960. The State Botanical Garden with an area of 75 hectares and adjoining two important wetlands Kanjia lake (66 ha.) and Kiakani lake (25 ha) make the Nandankanan an ideal centre for Research, Education, Conservation breeding. The Zoological Park together with Kanjia lake and Botanical Garden has been declared as Nandankanan Wildlife Sanctuary over an area of 4.37 sq.km. (Notified on 3rd August, 1979). The park is under the management of the Government of Odisha, Forest Environment & Climate Change Department and followings the norms and guidelines laid by Central Zoo Authority, New Delhi, Govt of India.

## 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.

## GLIMPSE OF IMPORTANT HAPPENING

### National Zoo Directors Conference at Bhubaneswar

A two days National Conference for Zoo Directors was organized by Central Zoo Authority, New Delhi & Nandankanan Zoological Park at Bhubaneswar. The conference was inaugurated by Shri Bhupender Yadav, Hon'ble Minister for Environment, Forest & Climate Change, Govt. of India. Shri Ashwini Kumar Choubey, Hon'ble Minister of State for Environment, Forest & Climate Change, Govt. of India, Shri Pradeep Kumar Amat, Hon'ble Minister Forest, Environment and Climate Change Department, Govt. of Odisha, Mrs Aparajita Sarangi, Hon'ble Member of Parliament, Bhubaneswar, Shri Satyabrata Sahu, Additional Chief Secretary, Forest, Environment and Climate Change Department, Government of Odisha, Shri Debidutta Biswal, Principal Chief Conservator of Forest & Head of Forest Force, Odisha, Shri Sushil Kumar Popli, Principal Chief Conservator of Forest & Chief Wildlife Warden, Odisha were present. During the inaugural, MEE-Zoo 2022, Azadi ka Amrit Mahotsav- A compilation (Vol II), 2nd Edition of Field Guide for Rehabilitation of Indian Pangolin and a short video compilation of activities undertaken during the Azadi Ka Amrit Mahotsav were released by Hon'ble Minister along with the dignitaries on the dais. First day overviewed on pillars of change, targets, call for action and way forward with experience sharing followed by discussion. Second day covered holistic planning of conservation breeding of priority species in zoos, evaluation criteria of MEE of Zoo to better management practices in zoos. The valedictory session was graced by Shri Pradeep Kumar Amat, Hon'ble Minister Forest, Environment and Climate Change Department, Govt. of Odisha, Shri Debidutta Biswal, Principal Chief Conservator of Forest & Head of Forest Force, Shri Sushil Kumar Popli, Principal Chief Conservator of Forest & Chief Wildlife Warden, Odisha. Short movies on visual tour of Nandankanan Zoological Park and Species recovery of Gharial were released during the valedictory session by the Chief Guest. The National Conference for zoo directors was a successful event with the attendance and active participation of more than 70 zoo directors, prominent dignitaries, media personnel and experts from various fields of wildlife conservation and wildlife health. During the conference Hon'ble Union Minister, Minister of State, MS, CZA and Zoo Directors were visited the zoo.





Inauguration of Zoo laboratory, Modular PM House & Incinerator complex, Carnivore Quarantine Ward and Indian Fox enclosure by Sri Shashi Paul, IFS, PCCF (WL) & CWLW.

## ZOO LABORATORY

To strengthen the diagnostic and research work on zoo animal, the Zoo Laboratory is being developed to carry out microbiological, molecular, reproductive diagnostic test needed for zoo animals' health care, physio-chemical and microbiology examination of water sources providing water to visitors and animals of Nandankanan. The zoo laboratory is being established with the above objective with an expenditure of Rs 60 lakhs.



## CARNIVORE QUARANTINE WARD

The new quarantine facility is being developed to house new animal on arrival in western side of zoo (near the back gate) away from the zoo animal enclosures to prevent any cross infection. Presently the quarantine facility for carnivores is being developed over an area of 1034 sqm and having provision of 4 kraals (15mX10mX4.5m), 8 retiring cells (3.25mX3mX3m) and 4 sliding squeeze cages along with 02 keeper corridors (23mX2.5mX3m) to house the large carnivores. This facility is being developed with an amount of Rs. 1,08,69,200/-. Other sections for giving quarantine facility to herbivores, birds and reptiles will be added in future.



## MODULAR PM HOUSE & INCINERATOR COMPLEX

Modular PM House has been developed over an area of 1237 sq. ft with vitrified floor and will have the following facilities. Pathologist chamber (14 × 20 ft) with wardrobes containing personal protective clothing, attached toilets, wash sink, sit outs for small discussion of pathologist and his team. Necropsy Hall (20 × 20 ft) with independent wide entry and exit gates for carrying the trolley with carcass, wide dissection area for the large animals, modern stainless steel mobile hydraulic dissection table with overhead light for dissection/ viscera preparation. Morgue (Carcass holding area) cum staff preparation room (20 × 20ft) with Wash (Decontamination) sink for washing of instruments after post-mortem, big size Instrument rack for keeping all post-mortem instruments, two body mortuary refrigerator, two number of wheeled trolleys for carrying carcass and weighing machine (1000kg capacity). The facility is being developed with an estimated cost of Rs. 30,43,600/-.



## INDIAN FOX ENCLOSURE

New Display area of Indian fox enclosure area was constructed on an area of 350 sq mt. in the year 2021-22. The total cost of construction is Rs 13.00 lakhs. The fox enclosure is now having glass fronted open top display area, three feeding cells with old display area converted as back kraal. The fox display is well planted with beautiful landscaping which will enhance animal welfare and beauty of the enclosure for successful breeding and display of the animals.



## CELEBRATION OF INTERNATIONAL TIGER DAY 2022

International Tiger Day, 2022 was celebrated at Nandankanan Zoological Park on 29th July, 2022 in presence of Sri Debidutta Biswal, (IFS), Principal Chief Conservator of Forests & Head of Forest Force, Odisha, Sri Shashi Paul, (IFS), Principal Chief Conservator of Forests (WL) & Chief Wildlife Warden, Sri Suvendu Kumar Swain, Chief Post Master General, Odisha Circle, Bhubaneswar, Dr Manoj V. Nair, (IFS), Director, Nandankanan Biological Park & Dr Sanjeet Kumar, (IFS), Deputy Director, Nandankanan Zoological Park.

Various awareness Programme were conducted such as Online Quiz and Painting Competition, On the spot quiz, Signature campaign, Keepers talk, Felicitation of tiger keepers Selfie with tiger standee and sharing posters and videos of tigers in social media platforms.

The special attraction of the day was release of Special cover and printed post cards on Tigers of Nandankanan jointly by Nandankanan and Indian Post Bhubaneswar circle. Along with the first edition of quarterly newsletter "Nandanam" was also released on this day by the distinguish guests.



## CELEBRATION OF WORLD ELEPHANT DAY 2022

Elephant day was celebrated at Nandankanan Zoological Park on 12th August, 2022 in the presence of Sri Kedar Kumar Swain, IFS, Conservator of Forests (WL) and Dr Sanjeet Kumar, IFS, Deputy Director, Nandankanan Zoological Park.

Various awareness Programme were conducted such as feeding enrichment of elephants, Online Painting and Slogan Competition, On the spot quiz, Keepers talk and sharing posters and videos of elephants in social media platforms. The Mahouts were felicitated for their hard work to care the heritage animal.



## CHEETAH AWARENESS WEEK 2022

Cheetah Awareness Week was celebrated at Nandankanan Zoological Park from 17th to 23rd September, 2022 on account of Reintroduction of Cheetah in India at Kuno Palpur Wildlife Sanctuary of Madhya Pradesh on 17th September, 2022. The celebration was observed with a mass awareness programme amongst the visitors with a message for Cheetah conservation.

Awareness Programme- Online Painting and Quiz Competition, on the spot quiz, Keepers talk, screening short videos on Cheetah at interpretation centre, Signature Campaign, selfie with cheetah standee and Cheetah awareness messages, pictures, videos etc. were shared in social media platforms.



## VISITORS DURING THE QUARTER

(July 2022- September, 2022)

Nandankanan Zoological Park and State Botanical Garden had received 6,92,530 visitors and 18,225 visitors respectively between 01st July, 2022 to 30th September, 2022.



## PASSIONATE GUARDIANS

Animal Adopted During the Quarter (July, 2022- September, 2022)

S.N.	NAME OF THE PERSONS/INSTITUTIONS	DETAILS			
1	AMOD INAMDAR B4, PATIL GARDEN APTS, TEJAS NAGAR, OPP INDRADHANU SOCIETY, BEHIND MANTRI PARK, KOTHRUD, PUNE, MAHARASHTRA,411038	ONE NO. OF CHITRA TURTLE 10-SEP-2022 TO 09-OCT-2022	16	SAHELI GHOSH ROY 3.2 MS FLATS SHAHJAHAN ROAD, OPPOSITE UPSC, NEW DELHI, DELHI,110011	ONE NO. OF GIANT SQUIRREL 13-AUG-2022 TO 12-AUG-2023
2	INDIAN OIL CORPORATION LTD. (MD) ODISHA STATE OFFICE A/2, CHANDRASEKHARPUR, BHUBANESWAR, KHURDA, ODISHA,751024	THREE NO. OF WHITE TIGER 03-SEP-2022 TO 02-SEP-2023	17	AESHA PATEL ALKA PURI NEAR DIWALI POLE DABHAN BHAGAOL NADIAD, KHERDA, GUJARAT,387001	TWO NO. OF INDIAN STAR TORTOISE 13-AUG-2022 TO 12-SEP-2022
3	PARK S ECITY VELLANKANI, BENGALURU, KARNATAKA,560100	ONE NO. OF PEACH FACED LOVE BIRD 03-SEP-2022 TO 02-SEP-2023	18	DAMINI MALPOTE 1202 KSHIPRA SARA REALITY, SECTOR 8 SANPADA, SANPADA NAVI MUMBAI, MAHARASHTRA,400705	ONE NO. OF LONG TAILED FINCH 13-AUG-2022 TO 12-SEP-2022
4	PARK S ECITY VELLANKANI, BENGALURU, KARNATAKA,560100	ONE NO. OF SPOTTED DEER 03-SEP-2022 TO 02-SEP-2023	19	DAMINI MALPOTE 1202 KSHIPRA SARA REALITY, SECTOR 8 SANPADA, SANPADA NAVI MUMBAI, MAHARASHTRA,400705	ONE NO. OF SMALL INDIAN CIVET 13-AUG-2022 TO 12-SEP-2022
5	SUDESHNA PARIDA PLOT NO 148/149 COOPERATIVE HOUSING COMPLEX BEHIND CSPUR BSNL EXCHANGE, KHORDA, ODISHA,751024	ONE NO. OF WHITE EURASIAN SPOONBILL 29-AUG-2022 TO 28-NOV-2022	20	DR MANAS RANJAN PUHA N NIKI SKIN CARE, 2ND FLOOR, LAXMIPRIYA TWINCITY TOWER, PAHALA, BHUBANESHWAR, KHURDHA, ODISHA,752101	ONE NO. OF EMU 07-AUG-2022 TO 06-SEP-2022
6	ANAGHA IN AMDAR B4, PATIL GARDEN APARTMENT, TEJAS NAGAR, KOTHRUD, PUNE, MAHARASHTRA,411038	ONE NO. OF INDIAN PORCUPINE 27-AUG-2022 TO 26-SEP-2022	21	VIDHYA GOPU KOCHUMULLOOR HOUSE, CHAYALODE PO MANAGDU, ADOOR, KERALA,691556	ONE NO. OF INDIAN STAR TORTOISE 04-AUG-2022 TO 03-SEP-2022
7	AMOD ASHOK INAMDAR B4, PATIL GARDEN, KOTHRUD, PUNE, MAHARASHTRA,411038	ONE NO. OF GIANT SQUIRREL 27-AUG-2022 TO 26-SEP-2022	22	VIKRAM TOPRANI THAKUR VILLAGE, MUMBAI, MAHARASHTRA,400101	ONE NO. OF LEOPARD / PANTHER 02-AUG-2022 TO 01-SEP-2022
8	AMOGH WANCHOO B 904, NANCY TOWERS, WANOWRIE, PUNE, MAHARASHTRA,411040	ONE NO. OF WATER MONITOR LIZARD 26-AUG-2022 TO 25-SEP-2022	23	NAGACHETAN BM 78 SOUTH SPARTIA APARTMENTS, 13TH MAIN 17TH CROSS, 5TH PHASE JP NAGAR, FLAT 408, BANGALORE, KARNATAKA,560078	ONE NO. OF BURMESE PYTHON 02-AUG-2022 TO 01-SEP-2022
9	AMOGH WANCHOO B 904, NANCY TOWERS, WANOWRIE, PUNE, MAHARASHTRA,411040	ONE NO. OF EMU 26-AUG-2022 TO 25-SEP-2022	24	KAUSHIK PUNE, PUNE, MAHARASHTRA,411036	ONE NO. OF COMMON INDIAN KRAIT 02-AUG-2022 TO 01-SEP-2022
10	AMOGH WANCHOO B 904, NANCY TOWERS, WANOWRIE, PUNE, MAHARASHTRA,411040	ONE NO. OF NILGAI /BLUEBULL 26-AUG-2022 TO 25-SEP-2022	25	SRIRAM SEKHAR PALMBEACHROAD, NAVIMUMBAI, MAHARASHTRA,400705	ONE NO. OF RED SAND BOA 31-JUL-2022 TO 30-JUL-2023
11	ANMOL SHARMA QR.NO-1035, SECTOR- 4/B, BOKARO, JHARKHAND,827004	ONE NO. OF BLACK BUCK 24-AUG-2022 TO 23-AUG-2023	26	BIBASWAN SATPATHY HIG 1/5, HOUSING BOARD COLONY CHANDRASEKHARPUR, HOUSING BOARD COLONY CHANDRASEKHARPUR, HOUSING BOARD COLONY CHANDRASEKHARPUR, BHUBANESWAR, ODISHA,751016	ONE NO. OF BARKING DEER 22-JUL-2022 TO 21-AUG-2022
12	KALYANI PATRA MANDAR BAGICHA PADA, NEAR GOPINATH SCHOOL, BHAWANIPATNA, ORISSA,766001	ONE NO. OF FISCHERS LOVE BIRD 22-AUG-2022 TO 21-SEP-2022	27	PRAGYAN PARAMITA PARIDA QTR NO 2RA 41/8, GOPABANDHU NAGAR, UNIT 8, BHUBANESWAR, ODISHA,751012	ONE NO. OF RUSSELL'S VIPER 17-JUL-2022 TO 16-AUG-2022
13	HAREKRUSHNA SWAIN BOTANICAL SURVEY OF INDIA (MINISTRY OF ENVIRONMENT FOREST AND CLIMATE CHANGE, GOVT OF INDIA), EASTERN REGIONAL CENTER, SHILLONG, EAST KHASI HILLS, MEGHALAYA,793003	ONE NO. OF MASKED LOVE BIRD 17-AUG-2022 TO 16-SEP-2022	28	PRAGYAN PARAMITA PARIDA QTR NO 2RA 41/8, GOPABANDHU NAGAR, UNIT 8, BHUBANESWAR, ODISHA,751012	ONE NO. OF COMMON MANGOOSE 17-JUL-2022 TO 16-AUG-2022
14	ABHISHEK TIWARI B-52 GANDHI COLONY PAWANPURI, BIKANER, RAJASTHAN,334003	ONE NO. OF RED-HANDED TAMARIN 13-AUG-2022 TO 12-SEP-2022	29	SUNIL KUMAR KRISHNA-08 STAFF QUARTERS, MAMATA GENERAL HOSPITAL CAMPUS, KHAMMAM, TELANGANA,507002	TWO NO. OF ALEXANDRINE PARAKEET 12-JUL-2022 TO 11-AUG-2022
15	MANAS TURANGA ANGUL, ANGUL, ODISHA,759122	ONE NO. OF YELLOW SIDED CONURE 13-AUG-2022 TO 12-SEP-2022	30	SOUMYASHREE AND SHIVA SHAURYA FLAT NO. 104, BALAJI RESIDENCY ARMY, LONKAR VASTI, MANJARI ROAD, MUNDHWA, PUNE, MAHARASHTRA,4 11036	ONE NO. OF YELLOW ANACONDA 09-JUL-2022 TO 08-AUG-2022
			31	SOUMYASHREE AND SHIVA SHAURYA FLAT NO. 104, BALAJI RESIDENCY ARMY, LONKAR VASTI, MANJARI ROAD, MUNDHWA, PUNE, MAHARASHTRA,411036	ONE NO. OF LEOPARD CAT 09-JUL-2022 TO 08-AUG-2022



## SUPERANNUATING STAFFS DURING THE QUARTER

(July, 2022- September, 2022)

Nandankanan Family offers their heartfelt gratitude and wish them a healthy and peaceful post-retirement life.



Sri Upendra Muduli  
Animal Keeper  
31.07.2022



Sri Nilamani Das  
Zoo Watcher  
31.07.2022



Sri Prafulla Kumar Behera  
Attendant  
31.07.2022



Sri Kartika Behera  
Animal Keeper  
31.07.2022



Sri Ganesh Chandra Muduli  
Mahout  
30.09.2022

## HEARTFUL CONDOLENCES



Smt Sulochana Mohanty  
Animal Keeper  
07.07.2022

OFFICIALS JOINED IN THE QUARTER  
WARM WELCOME TO NANDANKANAN FAMILY

Sri Ranjit Mohanty  
Forest Range Officer, Special Project  
04.07.2022



Smt Milanbala Pradhan  
Forest Guard  
15.07.2022

### Zoo Education Programme during this Quarter

Sl No	Date	Programme/Event	No. of Participants
1.	16.07.2022 & 17.07.2022	Two days training programme for staffs of Kanan Pendari Zoological Garden, Bilaspur	22
2.	21.07.2022 & 22.07.2022	Two days training programme for staffs of Kanan Pendari Zoological Garden, Bilaspur	22
3.	29.07.2022	International Tiger Day	>300
4.	09.08.2022	Orientation Programme of students from National Environment Youth Parliament, New Delhi	06
5.	09.08.2022	Orientation of CSS officers' trainees from Gopabandhu Academy of Administration	30
6.	10.08.2022	World Lion Day	>200
7.	12.08.2022	World Elephant Day	>300
8.	21.08.2022	Visit Programme of M.sc Zoology students from Utkal University	10
9.	07.09.2022 & 08.09.2022	Exposure visit of officials from Zoo Authority of Karnataka	06
10.	10.09.2022	Visit programme of Zoo Directors from different zoos of India	>50
11.	17.09.2022 to 23.09.2022	Cheetah Awareness Week	>500
12.	17.09.2022	Orientation Programme of B.V. Sc & A.H (1 <sup>st</sup> Year) students from OUAT, Bhubaneswar	50
13.	22.09.2022	Orientation of IAS probationers, Odisha Cadre	06
14.	22.09.2022	World Rhino Day	>100
15.	23.09.2022	Orientation Programme of B.V. Sc & A.H (1 <sup>st</sup> Year) students from OUAT, Bhubaneswar	50

### OTHER EVENTS DURING THE QUARTER EXPOSURE VISITS OF STAFFS TO ENHANCE THEIR CAPACITY

Three teams were sent to three different zoos on exposure visit to gather the knowledge on best practices adopted to enhance their capacity in management of zoo.

Nehru Zoological Park, Hyderabad from 20.07.2022 to 25.07.2022

Chamarajendra Zoological Garden, Mysore from 24.08.2022 to 29.08.2022

Arignar Anna Zoological Park, Chennai from 31.08.2022 to 05.09.2022



Dr Rajesh Kumar Mohapatra, Biologist, Nandankanan Biological Park attended International Conference on reproductive biology, comparative endocrinology and development followed by workshop on Biobanking for conservation of endangered species in Indian zoos, from 14th September to 17th September, 2022 organized by LaCONES, CSIR-CCMB, Hyderabad and CZA, New Delhi.



### ZOO KEEPERS TRAINING PROGRAMME

Nandankanan organized two days training programme for 44 animal keepers of Kanan Pendari Zoological Garden, Bilaspur in two batches, each batch consisting 22 participants from 16-17 July, 2022 and 21-22 July, 2022 to share hands on experience of best management practices of Nandankanan Zoological Park.



### INTERNSHIP PROGRAMME AT NANDANKANAN

Nandankanan initiated internship programme for graduate and post graduate students with an objective to provide a platform to start and learn basic research in the field of zoo management and learn new skills of ex-situ and in-situ conservation techniques at Nandankanan. The duration of internship will be 30 days to 3 months and the interns will be enrolled in each quarter. During this quarter 08 nos of interns were selected and allotted different topics for their internship.



### PROCUREMENT OF WHEEL CHAIRS FOR DIVYANG

Nandankanan is committed to provide better visitor service to all. 15 new wheel chairs procured for the Divyang to facilitate their smooth visit in the zoo.





## CELEBRATION OF 76TH INDEPENDENCE DAY



## FIRST BIRTHDAY CELEBRATION OF LIONESS BARSHA

Barsha the hand reared lion cub turns 1 year on 21st July, 2022. Special treat like chicken, ball and other olfactory enrichment provided on this special occasion. The keepers were felicitated and all the staffs were celebrated the birthday with cake cutting and thanking each other.



## Nandankanan Tree Walk



## GARDEN IN FOCUS: BONSAI GARDEN

Bonsai is a Japanese term which means tree in a tray. It is art of growing and training miniature trees in pot that mimic the shape of trees. Bonsai Garden have been developed over an area of 1326 sq mt. More than 100 nos of different types of plants like *Ficus spp.*, *Desmodium spp.*, *Tamarindus*, *Clerodendrum*, *Caesalpinia*, *Malpighia spp.* have been displayed adjacent to Orchid House of State Botanical Garden.



## NEW ENTRANTS TO THE ZOO FAMILY

Birth recorded in the zoo during this quarter  
(July, 2022- September, 2022)

Sl No	Date	Species	Number
1.	05.07.2022	Hippopotamus	1U/S
2.	06.07.2022	Yellow Anaconda	1 U/S
3.	08.07.2022	Stump Tailed Macaque	1 U/S
4.	08.07.2022	Yellow Anaconda	8 U/S
5.	11.07.2022	Mouse Deer	1 U/S
6.	12.07.2022	Indian Peafowl	3 U/S
7.	19.07.2022	Swamp Deer	1 U/S
8.	22.07.2022	Alexandrine Parakeet	1 U/S
9.	23.07.2022	Blackbuck	3 U/S
10.	26.07.2022	Indian Peafowl	2 U/S
11.	26.07.2022	Jackal	4 U/S
12.	26.07.2022	Common Palm Civet	3U/S
13.	07.08.2022	Blackbuck	1U/S
14.	19.08.2022	Mouse Deer	2 U/S
15.	20.08.2022	Assamese Macaque	1U/S
16.	10.09.2022	Manipuri Deer	1U/S
17.	16.09.2022	Hippopotamus	1U/S
18.	16.09.2022	Mouse Deer	1U/S
19.	17.09.2022	Four Horned Antelope	1U/S
20.	17.09.2022	Spotted Deer	3U/S
21.	25.09.2022	Blackbuck	2U/S
TOTAL			42

## MOTH AWARENESS WEEK

Nandankanan celebrated Moth awareness week from 23rd to 29th July, 2022 as a initiative of citizen science programme.

Species in focus: Indian Chevrotain (*Moschiola indica*)

“Chevrotain” comes from the French word “chevrot” (kid or fawn), derived from the Middle French chevre (goat). The Indian chevrotain is the smallest ungulate species in India and is commonly known as “Mouse deer”. It is found across peninsular India except the Himalayas, Deserts and North-east India. It is extremely rare to spot this species in the wild as it is nocturnal, elusive and cryptic. They inhabit dense forested areas in moist evergreen, semi evergreen and tropical deciduous forests. They are solitary animals with small home range. They communicate through scent marks and vocalizations. Primarily herbivorous, fruits form an important part of their diet. Nandankanan Zoological Park is breeding mouse deer since 1971 and a participating zoo for conservation breeding of mouse deer since 2009. There have been 50 births of mouse deer in captivity since 1971 including 30 births under the conservation breeding programme, i.e., after 2009. Presently the zoo is having 27 mouse deer (13:10:4) and going ahead with conservation breeding programme.



## HEALTHCARE HIGHLIGHTS

### Successful hand rearing of one white tiger cub and one Asiatic lion Cub

One white tiger cub rejected by mother after birth due to lack of sufficient maternal instinct was rescued and raised by bottle feeding at 'Hand rearing Centre' of the zoo. One 19-day old Asiatic lion cub became sick and has to be separated from the mother for treatment and ultimately hand raised by bottle feeding. Both were reared together with utmost care and precautions, presently both of them are doing well with normal growth rate.



### Successful management of traumatic myiasis in upper eyelid of an ostrich

On May 23, 2022, our eleven-year-old male ostrich (*Struthio camelus*) suffered a puncture injury at the upper eyelid of left eye causing profuse frothy discharges, itching, anorexia and severe annoyance as it was infested with maggots. Medication could not be provided as the ratite was not cooperating. Though risky, the ostrich was immobilized with ample precautions to minimize stress and trauma during induction and recovery of General Anesthesia. The clinical signs subsided and the wound healed up in about two weeks.



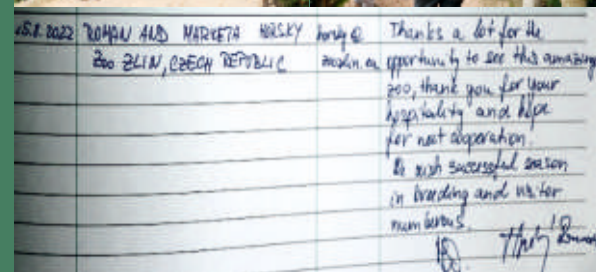
### Dystocia and assisted parturition in a yellow anaconda (*Eunectes notaeus*)

One six-year-old female yellow anaconda (*Eunectes notaeus*) of Nandankanan gave birth to one snakelet, but failed to deliver further even after 48hrs of the first birth. After examination of abdomen through x-ray and ultrasonography, two doses of hormone 'oxytocin' were administered at 90 minutes apart. Nine snake lets were born including eight live and one dead within 3 hours of the second dose. This was the first birth of anaconda in the zoo.



## DISTINGUISHED GUESTS VISITED DURING THE QUARTER

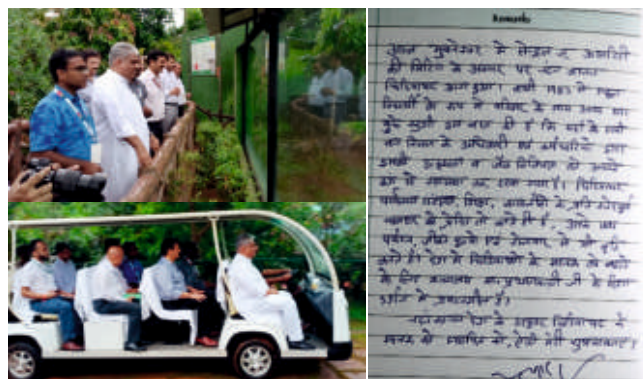
Raman Horsky & Marketa Horsky from Zlin Zoo of Czech Republic visited Nandankanan 25.08.2022



Shri Ashwini Kumar Choubey, Hon'ble Minister of State, Environment, Forest & Climate Change, Government of India visited Nandankanan on 10.09.2022



Shri Bhupender Yadav, Hon'ble Minister, Environment, Forest & Climate Change, Government of India visited Nandankanan on 09.09.2022.



Kindly send your feedback on

deputydirector.kanan@gmail.com

@ddnandankanan

Nandankanan Zoological Park

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