

NANDANAM

NANDANKANAN BIOLOGICAL PARK NEWSLETTER

JAN-MAR 2023
VOL.I (ISSUE-IV)

From the Director's Desk

Last three months have been quite eventful and there has been lot of learning. We received 38,67,994 visitors in the year 2022-23 which was the busiest year in the history of Nandankanan. During this quarter, we have successfully organized World Wetland Day, World Pangolin Day and World Wildlife Day through information sharing, quiz competition, keepers talk with interaction with visitors spread the meaning of conservation. We are happy to welcome our new Deputy Director Sri Sanath Kumar N, IFS to the Nandankanan family. We had many new births in the zoo during this quarter. Four nos. of officials were participated in capacity building programme to enhance their capacity in managing of the zoo to adopt new practices and learning. We are very grateful to all our patrons for their support in our animal adoption scheme which will go a long way in ensuring animal welfare. In addition to that, this quarter also witnessed the active participation of our staff member in regional and national level sports. State Botanical Garden received many prizes in flower exhibits from different organization & institution. I hope coming days would be more satisfying and we all work more to improve the satisfaction level of our esteemed visitors and also carry message of conservation to a greater number of people.

Best Wishes!

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

EDITORIAL BOARD

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

Sri Sanath Kumar N., IFS
Deputy Director, Nandankanan Zoological Park

Dr Sarat Kumar Sahu
Block Veterinary Officer, 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 WORLD WETLAND DAY 2023

World Wetland Day was celebrated on 2nd February, 2023 in front of Interpretation Centre of Nandankanan Zoological Park. First a wetland trails was conducted near Kanjia lake. The Programme was attended by the visitors, representatives of Print & Electronic Media and staff of Nandankanan Zoological Park. The theme for this year 2023 was "Wetland Restoration". An interactive quiz programme on the above theme was conducted amongst the visitors. Prizes were distributed to the winners, which is highly appreciated by the participants. Finally, a signature campaign was conducted to make the visitor aware about the importance of wetlands. Similarly, in on-line mode, quiz competition was conducted to raise the awareness about wetlands.



WORLD PANGOLIN DAY 2023

World Pangolin Day was celebrated on 18th February, 2023 in front of Interpretation Centre of Nandankanan Zoological Park. An interactive quiz programme on the Pangolin conservation was conducted amongst the visitors. Prizes were distributed to the winners, which is highly appreciated by the participants. The Programme was attended by the visitors, representatives of Print & Electronic Media and staff of Nandankanan Zoological Park. Finally, a signature campaign was conducted to make the visitor aware about the precious creature.



WORLD WILDLIFE DAY 2023

World Wildlife Day was celebrated on 03rd March, 2023 in front of Interpretation Centre of Nandankanan Zoological Park. The theme for this year 2023 was “Partnerships for wildlife conservation”. An interactive quiz programme on the above theme was conducted amongst the visitors. Prizes were distributed to the winners, which is highly appreciated by the participants. The Programme was attended by the visitors, representatives of Print & Electronic Media and staff of Nandankanan Zoological Park. Finally, a signature campaign was conducted to make the visitor aware about the importance of wildlife conservation. Similarly, in on-line mode, quiz competition was conducted to raise the awareness about wildlife.



Visitors During the Quarter
(January, 2023- March, 2023)

Nandankanan Zoological Park and State Botanical Garden had received 11,010,287 visitors and 63,062 visitors respectively between 01st January, 2023 to 31st March, 2023.

Nandankanan has received 38,67,994 visitors in the year 2022-23 which was the busiest year in the history of Nandankanan.

PASSIONATE GUARDIANS Animal Adopted During the Quarter (January, 2023- March, 2023)

S.N.	Name of the Persons/Institutions	Details
1	Shantanu Bhattacharjee Burdwan, West Bengal	One no. of Umbrella crested cockatoo 28-Mar-2023 to 27-Jun-2023
2	Ipsita Bhubaneswar, Khordha, Odisha, 751001	One No. Of Barbary Dove 22-Mar-2023 To 21-Apr-2023
3	Yuvaan Benson Town, Bengaluru, Karnataka 560046	One No. Of Mandarin Duck 20-Mar-2023 To 19-Mar-2024
4	Angika Benson Town, ,5 Bengaluru, Karnataka 560046	One No. Of Black Swan 20-Mar-2023 To 19-Mar-2024
5	Anand Benson Town, Bengaluru, Karnataka 560046	One No. Of Common Squirrel Monkey 20-Mar-2023 To 19-Mar-2024
6	Quynh & Vineeth Benson Town, Bengaluru, Karnataka 560046	One No. Of Black Swan 20-Mar-2023 To 19-Mar-2024
7	Anagha Inamdar B4 Patil Garden Apartment Tejas Nagar Kothrud, Pune, Maharashtra, 411038	One No. Of Common Mongoose 06-Mar-2023 To 05-Jun-2023
8	Meghanad Maharana At- Nuapada, Po- Balarampur, Ps- Ghasipura, Keonjhar, Odisha, 758025	One No. Of Slender Tailed Meerkat 03-Mar-2023 To 02-Apr-2023
9	MGM Minerals Limited 65, Forest Park, Bhubaneswar, Khorda, Odisha, 751009	Two No. Of Asiatic Lion 02-Mar-2023 To 01-Mar-2024
10	Marce Shri Vihar Colony, Bhubaneswar, Odisha, 751022	One No. Of Spotted Deer 27-Feb-2023 To 26-Aug-2023
11	Soumya Satish A3 301, Kumar Shantiniketan Phase 2, Pashan, Pune, Maharashtra, 411021	One No. Of Long Billed Vulture 20-Feb-2023 To 19-Aug-2023

12	Soumya Satish A3 301, Kumar Shantiniketan Phase 2, Pashan, Pune, Maharashtra, 411021	One No. Of White Backed Vulture 20-Feb-2023 To 19-Aug-2023
13	Td Satish A3 301 Kumar Shantiniketan Phase 2 Wakeshwar Road, Pashan, Pune, Maharashtra, 411021	Two No. Of Cinereous Vulture 20-Feb-2023 To 19-Aug-2023
14	Amod Ashok Inamdar B4, Patil Garden, Kothrud, Pune, Maharashtra, 411038	Two No. Of Common Mongoose 18-Feb-2023 To 17-Mar-2023
15	R. Bhubaneswar, Odisha, 751022	One No. Of Laughing Dove 11-Feb-2023 To 10-Feb-2024
16	Mamata Dash Flat No: C#332, Manorama Mansion, Manorama Estate, Rasulgarh, Bhubaneswar, Orissa, 751010	One No. Of Barbary Dove 06-Feb-2023 To 05-Feb-2024
17	Mamata Dash Flat No: C#332, Manorama Mansion, Manorama Estate, Rasulgarh, Bhubaneswar, Orissa, 751010	One No. Of Diamond Dove 06-Feb-2023 To 05-Feb-2024
18	Anagha Inamdar B4 Patil Graden Apartment Tejas Nagar Kothrud, Pune, Maharashtra, 411038	One No. Of Indian Peafowl White 05-Feb-2023 To 04-Mar-2023
19	Akhil Patnaik B-27, Rasulgarh Industrial Estate, Patia, Bhubaneswar, Odisha, 753009	One No. Of Zebra Finch 04-Feb-2023 To 03-Feb-2024
20	Amal Koshy Mathew Station Road, Barbil, Keonjhar, Odisha, 758035	One No. Of Jungle Cat 04-Feb-2023 To 03-Mar-2023
21	Bhagyashree Pancholy Pancholy House, Pp Singhal Marg, Udaipur, Rajasthan, 313004	One No. Of Himalayan Black Bear 27-Jan-2023 To 26-Jan-2024
22	Pratikhya Pritilagnna Near Skill India Buliding, Gudianali, Dhenkanal, Odisha, 759001	One No. Of Barn Owl 26-Jan-2023 To 25-Jan-2024
23	Kaushik Pune, Maharashtra 411036	One No. Of Rose Ring Parakeet 25-Jan-2023 To 24-Feb-2023
24	Anagha Inamdar B4 Patil Garden Apartment Tejas Nagar, Pune, Maharashtra, 411038	One No. Of Common Mongoose 21-Jan-2023 To 20-Apr-2023
25	Sayali Shendge 247, Dattawadi Near Shankar Temple Pune, Pune, Maharashtra, 411030	One No. Of Indian Star Tortoise 19-Jan-2023 To 18-Feb-2023
26	Punyasloka Pradhan V101 Vishnu Enclave, Kundalahalli, Bangalore, Karnataka, 560037	One No. Of Black Buck 19-Jan-2023 To 18-Feb-2023
27	Amod Inamdar B4, Patil Garden Apartment, Kothrud, Pune, Maharashtra, 411038	One No. Of Grey Pelican 15-Jan-2023 To 14-Feb-2023
28	Anagha Inamdar B4 Patil Garden Apartment, Tejas Nagar, Kothrud, Pune, Maharashtra, 411038	One No. Of Mugger Crocodile 15-Jan-2023 To 14-Feb-2023
29	Anagha Amod Inamdar B4 Patil Garden Apartment Tejas Nagar Kothrud, Pune, Maharashtra, 411038	One No. Of Mandarin Duck 06-Jan-2023 To 05-Apr-2023
30	Surojato Roy Kolkata, Kasba, Wb, 700042	One No. Of Larger Egret 03-Jan-2023 To 02-Feb-2023
31	Bunny Dolamundai, Cuttack, Odisha, 753009	One No. Of Indian Peafowl White 02-Jan-2023 To 01-Jul-2023
32	Debdas Barik F.M.Nagar, Balasore, Orissa, 756001	One No. Of Mandarin Duck 01-Jan-2023 To 30-Jun-2023



OFFICIALS JOINED IN THE QUARTER WARM WELCOME TO NANDANKANAN FAMILY



Sri Sanath Kumar N., IFS
Deputy Director



Sri Sumil Kumar Dash
Forest Guard



Sri Abinash Rout
Forest Guard



Sri Manas Ranjan Maharana
Forest Guard



Sri Dushmanta Ranjan Sahoo
Forest Guard

Superannuating Staffs During the Quarter (January, 2023- March, 2023)

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



Sri Shibaram Sahoo
Animal Keeper
31.01.2023



Sri Shyama Singh
Animal Keeper
28.02.2023



Draupadi Singh
Animal Keeper
28.02.2023



Sri Bhramarabar Behera
Animal Keeper
31.03.2023

HEARTFUL CONDOLENCES



Sri Alekha Rout
Watchman
21.01.2023

Zoo Education Programme during this Quarter

Sl No	Date	Programme/Event	No. of Participants
1.	07.01.2023	Visit programme of FROs trainees from Odisha Forest Rangers College, Angul	32
2.	12.01.2023	Asian Waterfowl Bird Census	50
3.	31.01.2023	Orientation programme of IAS probationers on Odisha Darsan Tour	20
4.	01.02.2023	Visit programme of CSS officers from Gopabandhu Academy of Administration, Bhubaneswar	17
5.	02.02.2023	Celebration of World Wetland Day	>200
6.	05.02.2023	Field visit of B.Sc. Zoology students from North Orissa University	15
7.	11.02.2023	Education tour programme of school students from A.G Mission School, Nayagarh	84
9.	16.02.2023	Tour programme of Forester trainees from Forest Training Institute, Wimberlygunj, South Andaman	20
10.	16.02.2023 to 20.02.2023	Five days training on wild animal feeding, restraint, tranquilization and management of 5 th Year BVSc & AH of College of Veterinary Science & Animal Husbandry, OUAT, Bhubaneswar	45
11.	17-02.2023 to 20.02.2023	Great Backyard Bird Count	>50
12.	18.02.2023	Celebration of World Pangolin Day	>200
13.	22.02.2023	Study tour of B.Sc. Zoology students from Paramananda College, Bolgarh	18
14.	03.03.2023	Celebration of World Wildlife Day	>200
15.	05.03.2023	Field visit of staff of Green campus from Centurion University, Bhubaneswar	25
16.	08.03.2023 to 12.03.2023	Five days training on wild animal feeding, restraint, tranquilization and management of 5 th Year BVSc & AH of College of Veterinary Science & Animal Husbandry, OUAT, Bhubaneswar	45
17.	14.03.2023	Tour visit of SFS officer trainees from CASFOS, Coimbatore	55
18.	17.03.2023	Education tour programme of school students from SAI International School, Munduli Campus	>300

OTHER EVENTS DURING THE QUARTER

SECOND BIRTHDAY CELEBRATION OF CHIMP- "RAJA"

Raja the baby chimpanzee turns 2 years on 15.02.2023. On this day keepers were felicitated and all the staff were celebrated the birthday with cake cutting and thanking each other.



HEALTH CAMP & VACCINATION SCHEDULE AROUND NANDANKANAN SANCTUARY

Vaccination and animal health camp organized by Nandankanan & BVO, Barang to have a good health of animals around Nandankanan sanctuary.



REJUVENATION OF KIAKANI LAKE OF STATE BOTANICAL GARDEN



MID WINTER WATERFOWL CENSUS 2023



GREAT BACKYARD BIRD COUNT 2023

74TH REPUBLIC DAY CELEBRATION
AT NANDANKANANINSTALLATION OF WATER ATM, RO WATER POINT &
BIO-TOILETS AT STATE BOTANICAL GARDENCONSTRUCTION OF NEW HYDROPHYTE AQUARIUM
AT STATE BOTANICAL GARDENNew Entrants to the Zoo Family
Birth recorded in the zoo during this quarter
(January, 2023- March, 2023)

Sl. No	Date	Species	Number
1.	01.01.2023	Blackbuck	1 U/S
2.	01.01.2023	Hog Deer	1U/S
3.	05.01.2023	Java Sparrow	10 U/S
4.	06.01.2023	Tiger	2 U/S
5.	10.01.2023	Mouse Deer	1U/S
6.	10.01.2023	Lion	2 U/S
7.	12.01.2023	Sloth Bear	2U/S
8.	13.01.2023	Mouse Deer	1U/S
9.	18.01.2023	Grey Pelican	3U/S
10.	18.01.2023	Indian Pangolin	1U/S
11.	18.01.2023	Indian Grey Wolf	3U/S
12.	03.02.2023	Hog Deer	1U/S
13.	04.02.2023	Blackbuck	1U/S
14.	04.02.2023	Sambar	1U/S
15.	17.02.2023	Tiger	4U/S
16.	22.02.2023	Hog Deer	1U/S
17.	23.02.2023	Blackbuck	1U/S
18.	23.02.2023	Hog Deer	1U/S
19.	27.02.2023	Little Egret	2U/S
20.	27.02.2023	Night Heron	2U/S
21.	27.02.2023	Blackbuck	1U/S
22.	28.02.2023	Bonnet Macaque	1:0:0
23.	01.03.2023	Spotted Deer	2:3:0
24.	02.03.2023	Spotted Deer	2U/S
25.	05.03.2023	Spotted Deer	2:2:0
26.	07.03.2023	Spotted Deer	3:2:0
27.	09.03.2023	Spotted Deer	1U/S
28.	10.03.2023	Spotted Deer	2:2:0
29.	11.03.2023	Barn Owl	1U/S
30.	12.03.2023	Jackal	4U/S
31.	12.03.2023	Spotted Deer	4:3:0
32.	15.03.2023	Spotted Deer	3:3:0
33.	17.03.2023	Blackbuck	1U/S
34.	17.03.2023	Hog Deer	2U/S
35.	21.03.2023	Hog Deer	1U/S
36.	23.03.2023	Blackbuck	1U/S
37.	24.03.2023	Blackbuck	1 U/S
38.	25.03.2023	Java Sparrow	5U/S
39.	26.03.2023	Hog Deer	2U/S
40.	26.03.2023	Blackbuck	2U/S
41.	27.03.2023	Budgerigar	5U/S
42.	28.03.2023	Blackbuck	2U/S
43.	28.03.2023	Hog Deer	1 U/S
44.	28.03.2023	Java Sparrow	5 U/S
45.	28.03.2023	Budgerigar	5 U/S
46.	30.03.2023	Water Monitor Lizard	4U/S
Total			120

CAPACITY BUILDING



Sri Milan Kumar Panda, Education Officer, Nandankanan Zoological Park has participated in the National capacity enhancement workshop for Education officers from 15th to 17th February, 2023 held at Byculla Zoo, Mumbai organized by Central Zoo Authority, New Delhi



Dr Sarat Kumar Sahu, BVO, Nandankanan Zoological Park has participated in the 'Elephant Health & welfare INDIA- Workshop for elephant veterinarians' held at the Wildlife SOS Elephant Conservation and Care Centre in Mathura, Uttar Pradesh from 26th February to 3rd March 2023.



Sri Subash Chandra Pradhan, Animal Keeper has attended three-day Regional workshop for capacity enhancement of Zookeepers for eastern and north-eastern region held at Alipore Zoological Garden, Kolkata organized by Central Zoo Authority, New Delhi from 20th to 23rd February, 2023.



Sri Jyoti Shankar Mishra, Field Biologist, Pangolins Conservation Breeding Centre, Nandankanan Zoological Park has attended Capacity Enhancement Workshop for Zoo Biologist from March 21-23, 2023 held at Green Zoological Rescue & Rehabilitation Centre, Jamnagar organized by Central Zoo Authority, New Delhi.

GARDEN IN FOCUS: ORCHID HOUSE

Orchids are plants that belong to the family Orchidaceae a diverse and widespread group of flowering plants with blooms that are often colourful and fragrant. Orchids are easily distinguished from other plants, as they share some very evident derived characteristics or synapomorphies. Among these are bilateral symmetry of the flower (zygomorphism), many resupinate flowers, a nearly always highly modified petal (labellum), fused stamens and carpels, and extremely small seeds. 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.



SPECIES IN FOCUS:

Water Monitor Lizard (*Varanus salvator*)

The water monitor lizard is a large varanid lizard native to South and Southeast Asia. They are semi aquatic, carnivorous and well adapted to human-disturbed habitats where they live close to water. The species is threatened due to indiscriminate hunting for skin for the global reptile leather trade. They are protected under schedule I of Wildlife Protection Act, 1972 and Appendix II CITES. The last breeding of the water monitor lizard took place in 27.03.2017. On 29.03.2017, 4 hatchlings of the species have been hatched under mother care in Reptile park of Nandankanan Zoological Park after 6



years. All the hatchlings are in sound health and active. With the said hatchlings, the number of Water Monitor Lizard increased to 2 males, 3 female and 5 hatchlings. As per the past experience of rearing Water monitor lizard in our zoo and the consultation made with Alipore Zoological Garden, Kolkata and Madras Crocodile Bank Trust, Chennai, their initial care, housing and dietary husbandry will be under taken.

SIGNIFICANT ACHIEVEMENTS

Sri Prafulla Bag, Animal Keeper, awarded First position in 400 mts race in State Forest Sports Meet, Angul held on 22nd January, 2023.



Sri Prafulla Bag, Animal Keeper, awarded First position in 5000 mts race in State Forest Sports Meet, Angul held on 22nd January, 2023.



Sri Rama Chandra Kandi, Forest Guard, awarded First position in Discus throw in State Forest Sports Meet, Angul held on 22nd January, 2023.



Sri Rama Chandra Kandi, Forest Guard, awarded Second position in Discus throw in 26th All India Forest Sports meet held at Panchkula, Haryana from 10th to 14th March, 2023.

State Botanical Garden, Nandankanan won the following Prizes in different categories in the Annual Garden Competition during the Annual Flower Show 2023 organized by Regional Plant Resource center & Plant lovers association.

List of prizes of different category

Annual flower show at RPRC-2023:

1. 1st Prize for Glass house (Medium Garden Theme)
2. RPRC Running trophy for Medium Garden
3. Grade-A for Orchid House
4. 1st Prize for Bonsai Garden (Bonsai Theme)
5. Grade A for Butterfly Park
6. 2nd Prize for Mughal Garden (Very large garden theme)
7. 2nd Prize for Rose Garden (Rose Garden theme)
8. 3rd Prize for Medicine Garden (theme Garden)
9. 2nd Prize for potted succulent plant
10. Merit prize for Potted Bonsai
11. Merit prize for cut Rose hybrid tea

State Botanical Garden, Nandankanan won the following Prizes in different categories in the Annual Garden Competition during the Annual Flower Show 2023 organized by OUAT & Plant lovers association.

List of prizes of different category

Annual Rose and flower show organized by Orissa Horticultural & Rose society, OUAT-2023:

1. Queen of the show
2. 1st prize-HT cut roses (Yellow)
3. 1st prize-Floribunda cut roses
4. 1st prize-HT cut roses (RED)
5. 1st prize-Miniature cut roses
6. 1st prize-HT dutch roses (white)
7. 2nd prize-display of dutch Roses
8. 1st prize-pot croton
9. 1st prize-Bonsai
10. 1st prize-Pot Dieffenbachia
11. 1st prize-cut Dahlia (Large)
12. 1st prize-cut Dianthus
13. 1st prize-Pot poinsettia
14. 1st prize-Pot Dianthus
15. 1st prize-Cacti & succulents
16. 1st prize-Pot dracaena
17. 1st prize-Pot Maranta
18. 1st prize-Pot Bougainvillea
19. 1st prize-Fern

State Botanical Garden, Nandankanan won the following Prizes in different categories in the Annual Garden Competition during the Annual Flower Show 2023 organized by NALCO.

NALCO Annual Flower Show 2023

Best display in foliage potted plants

State Botanical Garden, Nandankanan won the following Prizes in different categories in the flower show during Open flower show exhibition organized by National Law University Odisha from 21.1.2023 to 23.1.2023

National Law University Odisha Flower Show 2023

1st Prize in Exotic Species

2nd Prize in Cut Flower category



HEALTH CARE HIGHLIGHTS

1. Successful hand raising of lion cubs, wolf cubs and sloth bear cub

On 10-01-2023, Asiatic lioness 'Rewa' gave birth to two cubs for the first time and could not take care of its babies due to lack of sufficient maternal instinct. The cubs were rescued and brought to the 'Hand Rearing Centre' of the zoo. Also, it was for the first time on 17-01-2023, in the history of Nandankanan zoo, that one wolf gave birth to six cubs out of which three were alive. As the cubs were not properly cared by the mother, they were also brought to the 'Hand Rearing Centre' and two of them survived. All lion cubs and wolf cubs are now being reared together with utmost care and precautions, presently all both of them are doing well with normal growth rate.



2. Treatment of female Hamadryas Baboon

On 21-02-2023, the female Hamadryas baboon 'Subha' was seen suffering from a wound at its ano-genital region. Detailed physical examination under immobilisation revealed severe myiasis and tissue damage. After careful removal of the maggots and dressing of the wound, the baboon was administered with intravenous fluid. The primate was kept at 'In-patient Ward' for 10 days in a squeeze cage. Regular antibiotic and wound dressing resulted in uneventful recovery.



Kindly send your feedback on

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 Nandankanan Zoological Park

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