



Central Zoo Authority
केन्द्रीय चिड़ियाघर प्राधिकरण

ANNUAL REPORT

2022-23



JUNGLE
SAFARI

NANDANVAN SAFARI AND ZOO

Department of Forest and Climate Change, Govt. of Chhattisgarh
Nava Raipur, Chhattisgarh

During the Wildlife Week celebration, a virtual event took place on the evening of 7th October 2022 at the Chief Minister's residence, where Hon'ble Chief Minister of Chhattisgarh, Shri Bupesh Baghel, inaugurated ten new enclosures at Nandanvan Zoo in Atal Nagar. Additionally, the naming of three lioness cubs was also conducted during the event.



Shri Chandra Prakash Goyal, the Director General of Forests and Special Secretary, Ministry of Environment, Forest, and Climate Change, commended the state forest department and zoo personnel during his visit to Nandanvan Zoo and Safari. He praised their dedicated efforts in caring for the animals at the zoo.





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Report of the Director

I am pleased to present the annual report for the fiscal year 2022-23 on behalf of Nandanvan Safari and Zoo, one of India's premier man-made safari and zoos. Our institution continues to lead the charge in conserving endangered animal species and their habitats through ex-situ efforts. The vital role played by Nandanvan Zoo and Safari in raising public awareness about wildlife and its importance cannot be overstated.

The recent expansion of our animal collection through inter-zoo exchanges underscores our commitment to enhancing our animal diversity, furthering ex-situ conservation efforts, and enriching visitor education. Notably, we have introduced new amenities such as gardens with play areas for children, kiosks, drinking water facilities, restrooms, and seating areas, all aimed at enhancing the overall zoo experience. Strategically placed bilingual signage near animal habitats provides valuable insights into various species, promoting awareness and education.

I am pleased to announce the successful completion of the Revised Master Plan of Nandanvan Zoo and Safari, meticulously crafted in accordance with the guidelines set forth by the Central Zoo Authority, spanning two decades. This plan has received the seal of approval from the Central Zoo Authority, marking a significant milestone in our journey.

My deepest gratitude goes to Shri P V Narsinga Rao IFS Retd., (PCCF and CWLW) for his unwavering support and guidance during the challenging times. I extend my heartfelt thanks to Shri Sudhir Agrawal IFS, the newly appointed Principal Chief Conservator of Forest (Wildlife and Biodiversity) and Chief Wildlife Warden, for his steadfast support. I also acknowledge the contributions of the Additional PCCF (WL) and Chief Conservator of Forest (WL), whose valuable assistance has been instrumental.

A special mention must be made of our technical staff, dedicated zookeepers, and the entire team for their unwavering commitment to the growth and success of Nandanvan Safari and Zoo.

Mrs. Mercy Bella, IFS
Director- Nandanvan Safari and Zoo
Nava Raipur



History of Nandanvan

Established in 1979, the Nandanvan Mini Zoo in Raipur was originally conceived as a rescue shelter for distressed animals. Serving as both an educational hub and a refuge for rescued creatures, the zoo transformed into a recreational and informative hotspot. In 2008, the Central Zoo Authority (CZA) bestowed the mini zoo status upon Nandanvan, making it a prominent destination for entertainment and learning among the Raipur community.

Following the creation of the state of Chhattisgarh and the emergence of a new capital, Nava Raipur, the state government decided to create Nandanvan and Safari—a relocation of Nandanvan Zoo from Raipur. To this end, the Naya Raipur Development Authority (NRDA) designated a 320.15-hectare area for the establishment of Nandanvan and Safari.

The shift of Nandanvan Mini Zoo to Nava Raipur required the approval of the CZA. The master layout plan for relocating the zoo was sanctioned by the CZA, leading to the meticulous implementation of the plan on-site. This involved the development of various safari sections, including Herbivore, Bear, and Tiger, where animals from the original Nandanvan Zoo were thoughtfully relocated. The grand inauguration of the Safari was conducted by Prime Minister Shri Narendra Modi on November 1, 2016, marking the 16th anniversary of the state's formation.

In 2017, the groundwork for the new zoo commenced with the creation of ten enclosures. During the Wildlife Week of 2019, Chief Minister Shri Bhupesh Baghel inaugurated the Nandanvan Zoo on October 5, 2019. The zoo now boasts 28 enclosures, housing a diverse array of animals. Nandanvan Jungle Safari & Zoo stands as a significant tourist attraction within Chhattisgarh, offering a unique blend of education and recreation.



Vision

- Act as a research centre, education and Awareness hub for the propagation and dissemination of information about Wildlife, Ecology and Environment to the people in general and students in particular.
- To develop it as a centre of excellence in the breeding and conservation of endangered animals especially the wild Buffalo of the state.
- To provide a serene and eco-friendly place to enjoy the nature in its full form.
- To make the Nandanvan-Jungle Safari a major tourist attraction of not only Chhattisgarh but a tourist destination for the adjoining states of central India.

Mission

- To house the animals in near natural conditions for giving them a feel of living in the wild.
- To help understand the ecological linkage with the life supporting process of nature and the need to keep them intact that by adopting lifestyle which is in harmony with nature.
- To develop as centre of excellence for Research on wild animals and conservation breeding of endangered wild animal species of the region.
- To function as a rescue centre for orphaned, injured and the rescued animals from the wild and subsequent rehabilitation.
- To develop Nandanvan Jungle Safari as a major tourist attraction and a focal point for Entertainment, Recreation, Education and Awareness to the visitors of Chhattisgarh in particular and adjoining state in general.

Objectives

- To provide and facilitate research on animals in captivity to help in conservation efforts.
- To provide housing and upkeep to the orphaned animals of endangered species rescued from the wild.
- To assist in conservation of the Ex-situ population of various species of endangered animals and their habitat by sensitizing the people.
- Involve in programs which assist the survival of wild populations.
- Conservation and breeding of endangered wild species.
- To increase the awareness, knowledge and understanding of visitors about animals, the environment and conservation.
- To provide ethical and healthy recreation, enjoyment and enrichment to the visitors.

About us

Nandanvan Zoo
and Safari,
Naya Raipur

Mrs. M. Mercy Bella, IFS
Conservator of Forest
& Director

Distance :
15 kms from
Swami Vivekanand
International Airport,
35kms from Raipur
Railway Station,
30kms from Bhatagaon
Bus Stand

Recognition valid
upto :
19th August 2022 and
application has been
sent to CZA for renewal
letter no. 515 dt. 19/09/2022
Category of Zoo
Medium

Address :
Sector 39, Naya Raipur
State - Chhattisgarh
Pin - 493661

Established in: 1979
and relocated to
Naya Raipur which was
inaugurated on
1st November 2016

Contact us
Phone :
0771-2439725
E-mail :
dfojunglesafari@yahoo.com
Website :
junglesafari.cg.nic.in

Visitors facilities
available in zoo :
Garden, Rest room, Buses,
Electric Golf Cart, First Aid,
Drinking Water, Vehicle
Parking, Restaurants etc.

BASIC INFORMATION ABOUT THE ZOO

Area :
320.15 Hectare
Visitation
(2022-23) :
277881

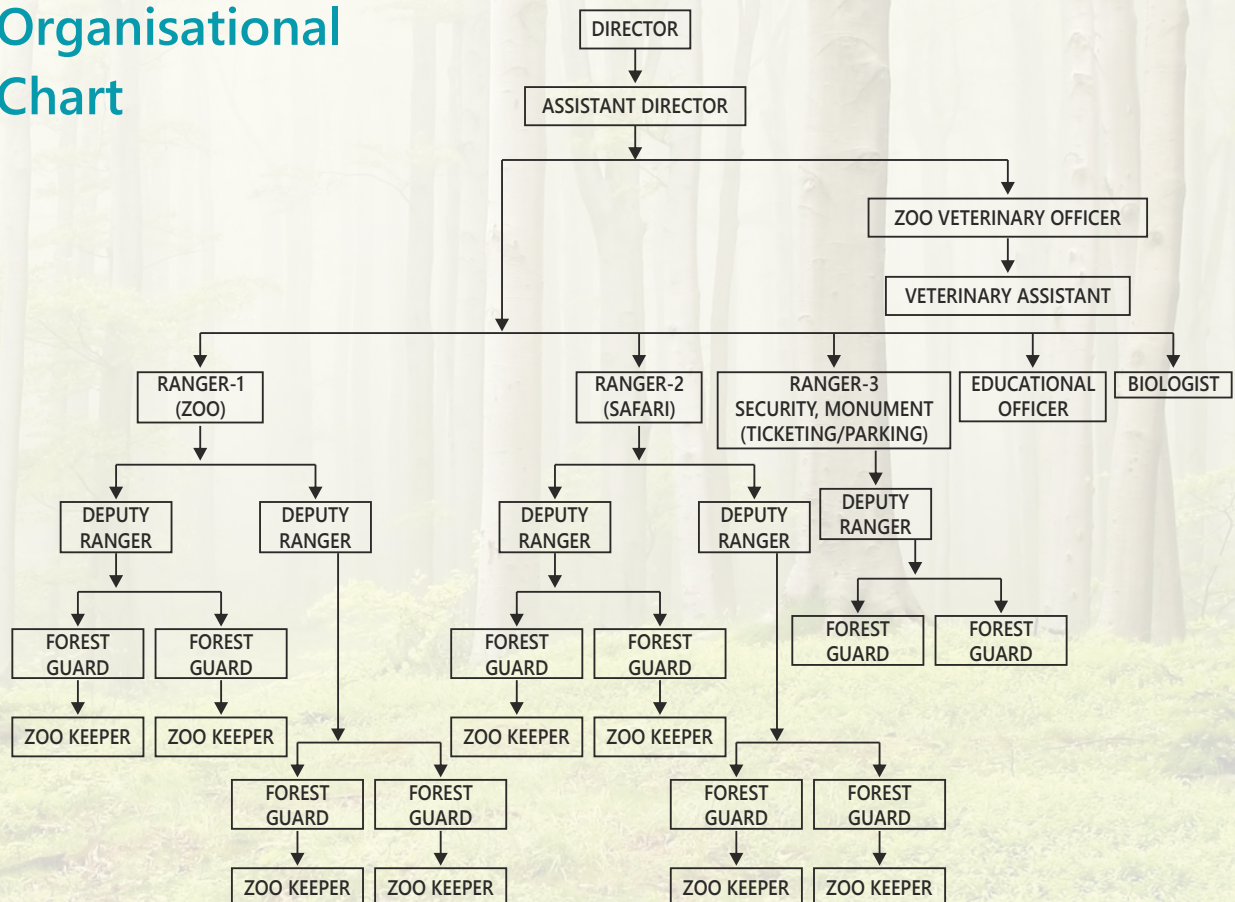


Visit to Nandanvan Zoo and Safari by
Shri Sanjay Shukla, IFS, Member Secretary,
Central Zoo Authority, New Delhi on 25th August 2022

Human Resources Administrative set up and Present status

S.No.	Designation	Sanctioned	Working	Vacant	Additional
1	DFO	01	01	00	00
2	ACF	00	02	00	02
3	Superintendent	00	00	00	00
4	Veterinary Doc	01	01	00	00
5	Ranger	02	02	00	00
6	Dy. Ranger	02	03	00	01
7	Forester	02	04	00	02
8	Forest Guard	06	13	00	07
9	Compounder	01	00	01	00
10	Wildlife Asst.	04	04	04	00
11	Forest Watchman	00	00	00	00
12	Head Clerk	00	00	00	00
13	Accountant	00	01	00	01
14	Asst. Grade 2	01	02	00	01
15	Asst. Grade 3	02	02	00	00
16	Peon	02	02	00	00
		24	37		

Organisational Chart



Statement of monthly Expenditure from April 2022- March 2023

Regular Budget

S.No.	Month	Feed	Development work	Maintenance of vehicle	Labour/other	Total
1	Apr-22	0.00	0.00	0.00	1620534.00	1620534.00
2	May-22	1724360.00	0.00	0.00	5486959.00	7211319.00
3	Jun-22	14965975.00	749867.00	0.00	3608330.00	19324172.00
4	Jul-22	0.00	706012.00	459737.00	3607550.00	4773299.00
5	Aug-22	49442.00	0.00	0.00	1166706.00	1216148.00
6	Sep-22	858803.00	0.00	0.00	1486234.00	2345037.00
7	Oct-22	15637211.00	0.00	0.00	1259977.00	16897188.00
8	Nov-22	0.00	0.00	0.00	1370727.00	1370727.00
9	Dec-22	0.00	9549227.00	0.00	3735146.00	13284373.00
10	Jan-23	0.00	5241035.00	0.00	6509336.00	11750371.00
11	Feb-23	2951644.00	39248887.00	0.00	3781940.00	45982471.00
12	Mar-23	0.00	23446251.00	1102500.00	1361128.00	25909879.00
Total		36187435.00	78941279.00	1562237.00	34994567.00	151685518.00

From Gatemoney

S.No.	Month	Feed	Development work	Maintenance of vehicle	Labour/other	Total
1	Apr-22	0.00	0.00	894157.00	0.00	0.00
2	May-22	0.00	0.00	919468.00	0.00	0.00
3	Jun-22	0.00	137990.00	628314.00	0.00	137990.00
4	Jul-22	0.00	103790.00	0.00	0.00	103790.00
5	Aug-22	0.00	0.00	758890.00	0.00	0.00
6	Sep-22	0.00	0.00	645879.00	2324473.00	2324473.00
7	Oct-22	0.00	846332.00	33417.00	3925001.00	4771333.00
8	Nov-22	0.00	46510.00	404527.00	0.00	46510.00
9	Dec-22	0.00	341185.00	1305607.00	0.00	341185.00
10	Jan-23	0.00	0.00	804199.00	0.00	0.00
11	Feb-23	0.00	0.00	704252.00	0.00	0.00
12	Mar-23	0.00	0.00	0.00	2405638.00	2405638.00
Total		0.00	1475807.00	7098710.00	8655112.00	10130919.00

Statement of monthly Income from April 2022- March 2023

S.No.	Month	Entry Ticket (Rs.)	Parking Ticket (Rs.)	Boating (Rs.)	Total (Rs.)
1	Apr-22	732525.00	28490.00	41000.00	802015.00
2	May-22	1177600.00	52990.00	88400.00	1318990.00
3	Jun-22	1547775.00	78530.00	188200.00	1814505.00
4	Jul-22	1275600.00	64280.00	82800.00	1422680.00
5	Aug-22	1159675.00	68600.00	0.00	1228275.00
6	Sep-22	1060925.00	79700.00	0.00	1140625.00
7	Oct-22	1432525.00	80810.00	0.00	1513335.00
8	Nov-22	1873525.00	89810.00	73900.00	2037235.00
9	Dec-22	2679775.00	145770.00	56500.00	2882045.00
10	Jan-23	2362300.00	123590.00	0.00	2485890.00
11	Feb-23	1338725.00	62100.00	0.00	1400825.00
12	Mar-23	1022025.00	54580.00	0.00	1076605.00
Total		17662975.00	929250.00	530800.00	19123025.00

Daily Feeding Schedule of Animals

Lion			
01	Goat meat	09 kg.	Except Sunday (01 March to 30 October)
02	On winter	10 kg.	(01 November to 28 February)
Lion Cubs			
01	Goat meat	02 kg.	Except Sunday (01 March to 30 October)
02	Chicken	1.500 kg.	
03	On winter	2.500 kg.	(01 November to 28 February)
Leopard			
01	Goat meat	04 kg.	Except Sunday (01 March to 30 October)
02	On winter	05 kg.	(01 November to 28 February)
Leopard Cubs			
01	Goat meat	500 gm.	-
02	Chicken	750 gm.	Egg, Milk, Soup
Tiger			
01	Goat meat	09 kg.	Except Sunday (01 March to 30 October)
02	On winter	10 kg.	(01 November to 28 February)
Monitor lizards			
01	Goat meat (mince)	100 gm.	-
02	Chicken chick	01 nos.	-
03	Boiled egg	02 nos.	-
Crocodile Marsh			
01	Fish 6" x 9"	02 kg.	2 days a week (Except Sunday)
Ghadiyal			
01	Fish 6" x 9"	02 kg.	2 days a week (Except Sunday)
Snake			
01	Chicken	01 nos.	1 day in a month
Civet common plam			
01	Chicken (mince)	250 gm.	Every day
02	Egg	01 nos.	Every day
Bear and Himalayan bear			
01	Milk	03 liter.	-
02	Rice	01 kg.	4 days a week (Mon./Wed./Fri./Sun.)
03	Porridge (Boiled)	01 kg.	3 days a week (Tue./Thu./Sat.)
04	Honey	200 gm.	2 days a week (3 days to Himalayan bear)
05	Jaggery	01 kg.	Kheer in the span of a day

06	Sugarcane	02 nos.	-
07	Seasonal Vegetables & fruit	03 kg.	-
08	Fish	02 kg.	3 days a week
Spotted deer			
01	Animal feed concentrate	01 kg.	-
02	Choker	01 kg.	-
03	Black gram falla	01 kg.	-
04	Black gram	300 gm.	-
05	Oil less cake	250 gm.	-
06	Wheat bran & rice bran	03 kg.	-
07	Green Gras	06 kg.	-
08	Mahua	100 gm.	-
09	salt	10 gm.	-
Sambar Deer			
01	Animal feed concentrate	01 kg.	-
02	Choker	03 kg.	-
03	Black gram falla	01 kg.	-
04	Black gram	01 kg.	-
05	Oil less cake	250 gm.	-
06	Wheat bran & rice bran	04 kg.	-
07	Green Gras	10 kg.	-
08	Mahua	100 gm.	-
09	salt	10 gm.	-
Blue bull			
01	Animal feed concentrate	1.500 kg.	-
02	Choker	03 kg.	-
03	Black gram falla	1.500 kg.	-
04	Black gram	01 kg.	-
05	Oil less cake	250 gm.	-
06	Wheat bran & rice bran	05 kg.	-
07	Green Gras	10 kg.	-
08	Mahua	100 gm.	-
09	salt	10 gm.	-
Chausingha			
01	Animal feed concentrate	250 gm.	-
02	Choker	250 gm.	-
03	Black gram falla	250 gm.	-
04	Black gram	250 gm.	-
05	Oil less cake	250 gm.	-
06	Wheat bran & rice bran	500 gm.	-

07	Green Grass	02 kg.	-
08	Mahua	50 gm.	-
09	salt	10 gm.	-
Barking deer			
01	Animal feed concentrate	250 gm.	-
02	Choker	250 gm.	-
03	Black gram falla	250 gm.	-
04	Black gram	250 gm.	-
05	Oil less cake	250 gm.	-
06	Wheat bran & rice bran	500 kg.	-
07	Green Gras	02 kg.	-
08	Mahua	50 gm.	-
09	salt	10 gm.	-
Blackbuck			
01	Animal feed concentrate	01 kg.	-
02	Choker	01 kg.	-
03	Black gram falla	01 kg.	-
04	Black gram	300 gm.	-
05	Oil less cake	250 gm.	-
06	Wheat bran & rice bran	03 gm.	-
07	Green Grass	06 kg.	-
08	Mahua	100 gm.	-
09	salt	10 gm.	-
Peafowl			
01	Green vegetables	100 gm.	-
02	Poultry feed	200 gm.	-
03	Black gram	0.25 gm.	-
04	Boiled egg	01 nos.	-
05	Onion	50 gm.	-
Duck			
01	Poultry feed	750 gm.	-
Hippopotamus			
01	Black gram	08 kg.	-
02	Animal feed concentrate	03 kg.	-
03	Choker	08 kg.	-
04	Green Grass	60 kg.	-
05	Seasonal Vegetables	08 kg	-
06	Banana	12 nos.	-
07	Agrimim powder	50 gm.	-
08	Salt	25 gm.	-

Wild buffalo			
01	Animal feed concentrate	02 kg.	-
02	Choker	02 kg.	-
03	Black gram falla	02 kg.	-
04	Black gram	02 kg.	-
05	Oil less cake	02 kg.	-
06	Wheat bran & rice bran	10 kg.	-
07	Green Grass	30 kg.	-
08	Salt	20 gm.	-
Gaur			
01	Animal feed concentrate	02 kg.	-
02	Choker	01 kg.	-
03	Black gram falla	01 kg.	-
04	Black gram	02 kg.	-
05	Oil less cake	01 kg.	-
06	Wheat bran & rice bran	10 kg.	-
07	Green Grass	25 kg.	-
08	salt	25 gm.	-
Indian Star Tortoise			
01	Black gram	20 gm.	-
02	Green vegetables	100 gm.	-
Porcupine			
01	Black gram	250 gm.	-
02	Green vegetables	250 gm.	-
Langur			
01	Black gram	400 gm.	-
02	Green vegetables	100 gm.	-
03	Rice	100 gm.	-
Parrots			
01	Black gram	2.500 kg.	-
02	Green vegetables	1.500 kg.	Finely chopped
03	Seasonal fruit	1.500 kg.	Finely chopped
04	Green chilli.	500 gm.	-
05	Sunflower seeds	01 gm.	-

Smooth coated Indian otter			
01	Fish 4" x 5"	1.700 to 02 kg	Per otter per day
Fox			
01	Goat meat	500 gm.	Except Sunday (01 March to 30 October)
02	On winter	700 gm.	(01 November to 28 February)
Jackal			
01	Goat meat	02 kg.	Except Sunday (01 March to 30 October)
02	On winter	2.5 kg.	(01 November to 28 February)
Hyenas			
01	Goat meat	03 kg.	Except Sunday (01 March to 30 October)
02	On winter	04 kg.	(01 November to 28 February)
Wolf			
01	Chicken	2-500 kg.	Except Sunday (01 March to 30 October)
02	On winter	3.750 kg.	(01 November to 28 February)
Chinkara			
01	Animal feed concentrate	500 gm.	Every day
02	Chickpeas Split	50 gm.	Every day
03	Green Grass	05 kg.	Every day
04	Carrot/Cucumber/Muskmelon (Kharbuz)	02 kg.	Every day
Wild Dog			
01	Chicken	250 gm.	Except Sunday (01 March to 30 October)
	Goat meat	02 kg.	
02	On winter Chicken	500 gm.	(01 November to 28 February)
	Goat meat	2.250 kg.	



Antimortem test



Feeding the animal



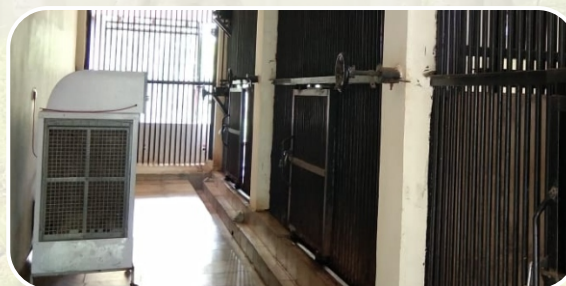
Store house

De-Worming Schedule of Animals

S.No.	Species	Drug used	Month
1	Royal Bengal Tiger	Fenbendazole	March, July, October, January
		Prazisam plus	
2	Asiatic Lion	Fenbendazole	March, July, October, January
		Prazisam plus	
3	Leopard	Fenbendazole	March, July, October, January
		Prazisam plus	
4	White Tiger	Fenbendazole Prazisam plus	March, July, October, January
5	Sloth bear	Fenbendazole	March, July, September, December, April
6	Himalayan bear	Fenbendazole	October, January, April
7	Herbivores	Noworm plus	February, June, October

Disinfection Schedule of Enclosures

S.No.	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
1	Carnivore	Night House disinfection	Sodium hypochlorite solution	Twice in week
			Phenyl solution	Daily
			Sprinkling of Turmeric powder	Daily
		Footbaths	Potassium Permagnate solution 10%	Daily
		Enclosures	Sprinkling of lime and bleaching outside of the enclosure	In every 15 days
2	Herbivore	Night House disinfection	Sodium hypochlorite solution	Twice in week
			Phenyl solution	Daily
			Sprinkling of Turmeric powder	Daily
		Footbaths	Potassium Permagnate solution 10%	Daily
		Enclosures	Sprinkling of lime and bleaching outside of the enclosure	In every 15 days



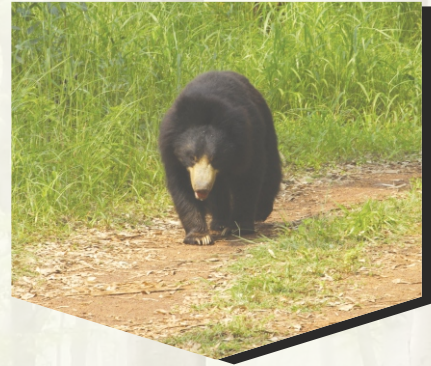
Jungle Safari at a Glance

Nandanvan zoo and safari, Nava Raipur is spreaded over 320.15ha in Sector-39, which is adjacent to the Khandwa dam, boasts of vibrant forests consisting of Anjan, Khair, Amla, Ber and bhel. There are four safaris namely, Herbivore Safari, Bear Safari, Tiger Safari and Lion Safari. The animals in safari enjoy the natural habitat and move in freedom. The safaris are all well protected and safety standards as per guidelines are in place for not only the visitors but also for the animals.



Herbivore Safari

The safari spread over an area of 75 acres of lush green and beautiful landscape is home to Sambhar, Spotted deer, Nilgai and Blackbuck.



Bear Safari

Dotted with flora Mahua, Sterculia, Bargad, Peepal, Bamboo, Ber, anjan etc, the Bear enjoy a near natural habitat to room freely with freedom over 50 acres of rolling landscape.



Tiger Safari

The Majestic King of the Jungle lords over an area of 50 acres of exclusive terrain made to resemble the true tiger terrain.



Lion Safari

The lions are often found to sleep and walk lazily in the area of about 50 acres.

Nandanvan Zoological Park

- Nandanvan Zoological Park spread over an area of 50ha is designed to house 37 species of mammals and reptiles, out of which 28 enclosures are constructed and are functional.
- The enclosures designed are environment friendly and are more or less a true replication of the natural habitat of the animals being housed here to give maximum comfort and natural feel to them.
- A web of road network of 2.2kms making its way through the green landscape facilitates the visitors to visit and enjoy all the exhibits.
- Visitor's facilities like sitouts, drinking water, washroom have been provided appropriately.



Plantation @ Nandanvan Zoo and Safari by Shri Ashwini Kumar Choubey, Hon'ble MoS, Environment, Forest and Climate Change, Gol

White Tiger Enclosure

The white tiger enclosure ensures to offer a naturalistic habitat in an expanse of 2550 sqm to give a close connect with the forest ecosystem for animals in Nandanvan zoo.



Asiatic Lion Enclosure

Constructed in an area of 2550 sqm the lion enclosure is designed in a state of art fashion with a focus on harmonious environment to keep the animals healthy and make them feel at home.



Royal Bengal Tiger Enclosure

The Royal Bengal Tiger enclosure of 2430 sqm area, rich in trees with a water body made out of natural boulders, dead tree logs allows the animals to enjoy their natural habitat.



Panther Enclosure

Open top Panther enclosure of 2070 sqm area with toughened glass viewing makes it easy for the visitors to observe this shy animal closer than ever.



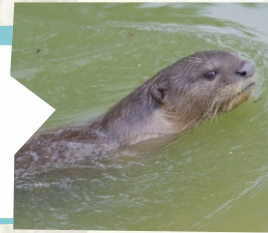
Himalayan Bear Enclosure

The Himalayan Bear Enclosure is in an area of 1730 sqm provides the maximum possible space for the inmates.



Smooth Coated Otter Enclosure

The smooth coated otter enclosure is the most mesmerizing enclosure in the zoo with an area of 1050 sqm encouraging the animals to go about daily activity that satisfies its behavioural needs.



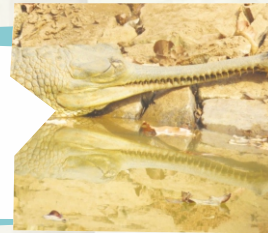
Hippopotamus Enclosure

The Enclosure in an area of 3220 sqm provided with a well equipped kraal, feeding platform and the water body is large enough to keep them cool during summer season.



Gharial Enclosure

A pair of Gharial shares an area of 800 sqm, comprising of water body, basking area with bamboo clumps allowing the residents to fully use the captive environments.



Star Tortoise Enclosure

The tortoise enclosure in an area of 70 sqm accommodates more than a dozen tortoises for free movement and reproductive activity.



Crocodile Enclosure

Crocodile exhibit in an area of 10850 sqm provided with enough space for comfortable movement on both land and in water.



Monitor Lizard Enclosure

RCC toughened glass viewing gallery is provided to see this mystic reptile.



Black Buck Enclosure

The enclosure of 2070 sqm area is designed and developed in such a way to facilitate the behavioural expression of the residents.



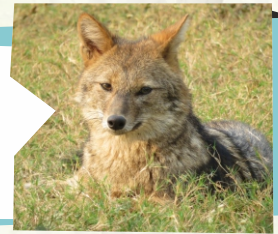
Hyena Enclosure

The hyena enclosure in an area of 860sqm is provided with a high standard of accommodation for the inmates as well as appropriate display to the public.



Jackal Enclosure

The jackal Enclosure in an area of 860sqm offers the animal to exhibit its natural behavior.



Fox Enclosure

The fox enclosure in an area of 860 sqm provided with habitat enrichment for the residents to facilitate their natural species specific behaviours.



Blue Bull Enclosure

The enclosure is of 2070 sqm to reflect the natural habitat of the antelope.



Barking Deer Enclosure

The enclosure in an area of 2010 sqm provides the inmates a feel of being in their natural habitat.



Four Horned Antelope Enclosure

The enclosure of 2070 sqm area provides the physical, biological and social requirements of the animals housed to reflect their natural habitat.



Wild Dog Enclosure

The wild dog enclosure in an area of 770 sqm. is provided with naturalistic den for the inmates. Trees that existed prior to construction were retained to provide shade for the animals.



Wolf Enclosure

The wolf enclosure is of 770 sqm. with day kraal, night shelter, paddock area and viewers gallery. The exhibit allows the visitors to view the animals without any visual barrier which gives the feeling of being with the nature.



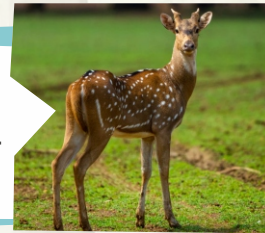
Gaur Enclosure

The gaur enclosure is in an area of 3710 sqm. with adequate water pool and wallowing points for the animals.



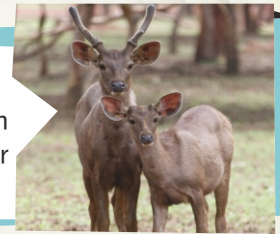
Spotted Deer Enclosure

The spotted deer enclosure is in an area of 3120 sqm. with feeding cubicles camouflaged with vegetation.



Sambar Enclosure

The sambar enclosure is in an area of 2420 sqm. with all the adequate arrangements for the animals as per weather conditions.



Common Palm Civet Enclosure

The common palm civet enclosure is in an area of 460 sqm. with top cover chain linked fence and toughened glass viewing gallery.



Red Eared Slider Turtle

The red eared slider turtle enclosure is in an are of 220 sqm. with RCC structures on three sides with day kraal, paddock area and glass barrier viewing for the visitors.



Porcupine Enclosure

The porcupine enclosure is in an area of 200 sqm. with night shelters, day kraal and paddock area. Visitors can view these animals through transparent toughened glass.



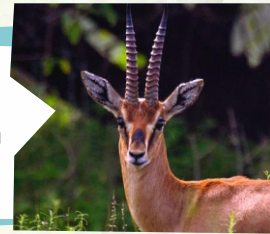
Snake Park

The snake park is in an area of 970 sqm. with 10 enclosures of different species of snakes. This includes both poisonous as well as non-poisonous snakes. The visitors can view different species of snakes through transparent toughened glass barrier.



Chinkara Enclosure

The chinkara enclosure is in an area of 2550 sqm. with enough enrichments for the animals to be housed.



Entry Fee

S.No.	Type	Details	Charges
1	Safari Non AC	Indian Adult	100
		Indian Child (12-18)	50
		Indian Child below 12	0
		Foreign Adult	500
		Foreign Child	400
2	Safari AC	Indian Adult	150
		Indian Child (12-18)	100
		Indian Child below 12	0
		Foreign Adult	1000
		Foreign Child	800
3	Zoo	Indian Adult	50
		Indian Child (12-18)	25
		Indian Child below 12	0
		Foreign Adult	500
		Foreign Child	400
4	Photography	Still/Digital Camera	100
		Handycam/Video Camera Normal	500
		Video Camera Commercial	1000

Zone Wise Area

Name of Zone	Area in Hectare
Water Zone	52.52
Monument Zone	0.92
Herbivorous Safari	30.89
Bear safari	20.03
Tiger safari	20.04
Lion Safari	20.01
Safari management Zone	10.75
Safari water supply Zone	0.30
Zoo zone	50.00
Water course	0.40
Fodder production area	5.20
Administrative Zone	8.75
Ticket and waiting Zone	4.75
Garden Park and Food zone	7.67
Service Road	8.60
Green Belt	11.50
Wilderness Area	67.82
Total Area	320.15

Work in Progress - 2022-23

In the period from 2022 to 2023, three new animal enclosures were successfully built. These enclosures include spaces for chimpanzees, ringtail lemurs, and a herbivore habitat for zebras, oryx, and wildebeests. These enclosures were meticulously designed to provide space for the animals to exhibit their natural behaviors. To create a natural environment, the enclosures feature protective barriers for the visitors and the spaces between them are adorned with shrubs and herbs enhancing their authenticity. Additionally, an underground water distribution system was implemented across the zoo, connecting five water tanks to the Khandwa reservoir. This system ensures a consistent water supply throughout the entire year.

Conservation and Breeding Program of the Zoo

For conversation and breeding of the Chhattisgarh state animal Water Buffalo, a modern breeding centre is established in 2.5 ha area in Jungle Safari. A clone named Deepasha is kept at this centre and the process of breeding programme through artificial insemination method is going on with the collaboration of CCMB, Hyderabad.

Veterinary care

Veterinarians plays a key role in animal health and assessing animals health conditions including deworming , other preventive measures and also assessment of the adequacy of the feed being supplied to the animals. Main responsibility of the vet is to take steps for timely restraining and treatment of sick animals. Two vets are posted at Nandanvan safari and zoo which helps the management to ensure high standards of veterinary care to all the housed animals.



Education and awareness program during the year

Celebration of wildlife week, tiger day, environmental day, zoo day by involving the school children and visitors conducting painting, drawing, essay writing, photography and on the spot quiz competition.





Animal acquisition/transfer/exchange during the year

S.No.	Species	Number (M:F)	From/To Which Zoo
Animals arriving in the zoo			
1	Common Rat Snake	1:1	Kanan Pendari, Bilaspur
2	Spectacled Cobra	1:1	Kanan Pendari, Bilaspur
3	Smooth Coated Otter	1:0	Dr. Shyamaprasad Mukerjee Zoological Garden, Surat
Animals going from the zoo			
1	Four Horned Antelope	1:3	Dr. Shyamaprasad Mukerjee Zoological Garden, Surat

Rescue and rehabilitation of wild animals carried out by the zoo

SL. No.	Date of Rescue	Species with number of animals rescued with their sex (M: F:U:T)	Received from	Date of Submission of Report to the CWLW/ CZA	Action taken	
					Date and place of rehabilitation in their habitat	Reason for housing in the zoo, if not released in their habitat
1	15 th November 2022	Leopard cub (0:0:2:2)	Indravati Tiger Reserve, Bijapur	16th November 2022	-----	The animal is brought at the age of approximate 7-10 days, very young to survive in wild by its own. The animal was hand reared in rescue center.
2	17 th December 2022	Cinereous vulture (0:0:1:1)	Khairagarh division	9th January 2023	Date of rehabilitation-16/01/2023, Place of rehabilitation- Khairagarh division, range Khairagarh, beat Devri.	-----
3	24 th December 2022	Leopard cub (0:1:0:1)	Dhamtari division, Nagari range	27th December 2022	-----	The animal is brought to rescue center, at the age of approx. two months, very young to survive in wild by its own.
4	18 th January 2023	Leopard (0:1:0:1)	Manendragarh division, janakpur range	24th January 2023	-----	As a result of human-animal conflict, a female leopard was rescued and brought to rescue center. She was healthy and showing normal kind of behavior. Due to absence of upper right canine teeth, was not released in the wild.
5	29 th March 2023	Tiger (0:1:0:1)	Surajpur division, Kalamanjani, Odgi range	29th March 2023	Date of rehabilitation-28/04/2023, Place of rehabilitation- Achanakmar tiger reserve	-----

Capacity building of zoo personnel

Sl. No.	Name and designation of the zoo personnel	Subject matter of Training	Period of Training	Name of the Institution where the Training attended
1	Dr. Sonam Mishra (Veterinary Officer)	International conference on reproductive biology, comparative endocrinology and development	14/09/2022 to 16/09/2022	CSIR- CCMB, Hyderabad
		One day workshop on biobanking for conservation of endangered species in Indian zoos at LaCONES	17-09-2022	LaCONES, CSIR-CCMB, Hyderabad
		One week refresher's training for veterinarians on elephant healthcare and managerial practices	22/11/2022 to 28/11/2022	CVSC, AAU, Khanapara, Assam
2	Hemant Kumar Verma (Zoo keeper)	Regional capacity enhancement workshop for zookeepers	20/02/2023 to 23/02/2023	Zoological garden, Alipore, Kolkata
3	Ashif Qureshi (Guide)	Guide training	24/03/2023 to 25/03/2023	Kanan Pendari zoological garden, Bilaspur
4	Pushpendra Kumar Sahu (Guide)			

Health advisory committee

a. Date of constitution- 19/02/2018

b. Members-

1. Chief Conservator of Forest (Wildlife) and Field Director, Udanti Sitanadi Tiger Reserve, Raipur
2. Professor, Department of Medicine, College of Veterinary Science and Animal Husbandry, Chhattisgarh Kamdhenu Vishwavidyalaya, Anjora, Durg
3. Veterinary officer, Nandan Van Zoo, Raipur
4. Veterinary officer, Kanan Pendari Zoo, Bilaspur

c. Dates on which meetings held during the year- 20/12/2022



Seasonal special arrangements for upkeep of animals

- Green shade net placed over the roof of the paddock area helps animals to beat the heat during summer
- Blower used during winter season to keep the animals warm
- Water trough in day kraal
- Eco-friendly thatching and water tanks provided at herbivore safari
- Eco friendly thatching to provide shelter from sun and rain
- Small rain guns are installed inside the herbivore safari and water is sprayed during the summer season to keep the enclosure moist and cool
- Animals are provided with enough water to stay hydrated
- Cozy bedding made from paddy straw



Battery operated vehicle



40-seater cruise boating



Caged vehicles for safari visit



Wooden / bamboo pergolas for visitors

Visitors Facility



Green parking



Washroom



Bilingual signages



Interactive signages

Annual Inventory Report (Nandanvan Zoo & Safari, Naya Raipur)

S.N	Animal name	Scientific name	Opening stock as on 01/04/2022					Births					Acquisitions					Disposals					Deaths					Closing stock as on 31/03/2023									
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U							
Safari Area																																					
Mammal																																					
Tiger safari																																					
1	Royal Bengal Tiger	<i>Panthera tigris</i>	1	1	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Lion safari																																					
1	Asiatic Lion	<i>Panthera leo persica</i>	3	4	-	7	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Bear safari																																					
1	Sloth Bear	<i>Melursus uroisus</i>	6	4	3	13	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Herbivore safari																																					
1	Spotted deer (Chital)	<i>Axis axis</i>	78	76	30	184	-	-	43	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2	Black buck (Krishna Mrig)	<i>Antelope cervicapra</i>	26	32	0	58	-	-	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	Nilgai - Blue bull	<i>Boselaphus tragocamelus</i>	8	26	10	44	-	-	14	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4	Sambar deer	<i>Rusa unicolor</i>	4	7	1	12	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total Mammal			126	150	44	320	0	0	73	2	4	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0		
Birds																																					
1	Alexandrine parakeet	<i>Psittacula eupatria</i>	-	-	17	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Plum headed parakeet	<i>Psittacula cyanocephala</i>	-	-	42	42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Birds			0	0	59	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total Animals (Safari Area)			126	150	103	379	0	0	73	2	4	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0		

Mammal																	Total Mammal							
1	Royal Bengal Tiger	<i>Panthera tigris</i>	1	2	-	3	-	-	-	-	-	-	-	-	-	-	-	1	-	2				
2	Asiatic Lion	<i>Panthera leo persica</i>	1	1	-	2	-	-	-	-	-	-	-	-	-	-	-	1	-	2				
3	Leopard	<i>Panthera pardus</i>	4	3	-	7	-	-	-	-	-	-	-	-	-	-	-	4	3	7				
4	White Tiger	<i>Panthera tigris</i>	1	1	-	2	-	-	-	-	-	-	-	-	-	-	-	1	-	2				
5	Hippopotamus	<i>Hippopotamus amphibius</i>	2	1	1	4	-	-	-	-	-	-	-	-	-	-	-	2	1	3				
6	Chausingha	<i>Tetracerus quadricornis</i>	4	12	4	20	-	-	-	-	-	-	-	-	-	-	-	4	12	20				
7	Black buck (Krishna Mirig)	<i>Antelope cervicapra</i>	2	6	3	11	-	-	-	-	-	-	-	-	-	-	-	5	4	9				
8	Nilgai - Blue bull	<i>Boselaphus tragocamelus</i>	6	4	-	10	-	2	-	-	-	-	-	-	-	-	-	6	3	11				
9	Barking Deer (Kakar)	<i>Muntiacus muntjak</i>	5	4	1	10	-	-	-	-	-	-	-	-	-	-	-	5	4	10				
10	Common Fox	<i>Vulpes bengalensis</i>	1	1	-	2	-	3	-	-	-	-	-	-	-	-	-	1	1	4				
11	Jackal	<i>Canis aureus</i>	2	2	-	4	-	-	-	-	-	-	-	-	-	-	-	2	2	4				
12	Hyaena Stripped	<i>Hyaena hyaena</i>	3	2	-	5	-	-	-	1	-	-	-	-	-	-	-	3	3	6				
13	Himalyan Bear	<i>Thibetanus laniger</i>	0	1	-	1	-	-	-	-	-	-	-	-	-	-	-	0	1	1				
14	Civet Common Palm – Cat Toddy	<i>Paradoxurus hermaphrodites</i>	2	-	-	2	-	-	-	-	-	-	-	-	-	-	-	2	-	2				
15	Porcupine (Albino)	<i>Hystrix indica</i>	-	-	16	16	-	-	-	-	-	-	-	-	-	-	-	-	-	13				
16	Smooth Coated Indian Otter	<i>Lutrogale perspicillate</i>	1	1	-	2	-	-	-	1	-	-	-	-	-	-	-	1	-	2				
17	Spotted Deer (Chital)	<i>Axis Axis</i>	2	4	0	6	-	-	-	-	-	-	-	-	-	-	-	2	4	6				
18	Indian Wolf	<i>Canis lupus pallipes</i>	1	1	-	2	-	-	-	-	-	-	-	-	-	-	-	1	1	2				
19	Gour	<i>Bos gaurus</i>	1	1	-	2	-	-	-	-	-	-	-	-	-	-	-	1	1	2				
20	Wild Dog	<i>Canis lupus pallipes</i>	1	1	-	2	-	-	-	-	-	-	-	-	-	-	-	1	1	2				
21	Chinkara	<i>Gazella bennettii</i>	1	1	-	2	-	-	1	-	-	-	-	-	-	-	-	1	1	2				
22	Sambar Deer	<i>Cervus Unicolor</i>	2	1	-	3	-	-	1	-	-	-	-	-	-	-	-	2	1	4				
			43	50	25	118	0	0	7	1	1	1	0	0	0	0	0	2	7	1	46	47	23	116

Reptiles																					
1	Crocodile Marsh (Mugger)	<i>Crocodilus palustris</i>	4	0	3	7	-	-	-	-	-	-	-	-	5						
2	Tortoise	<i>Testudinidae</i>	-	-	13	13	-	-	-	-	-	-	-	-	13						
3	Ghariyal	<i>Gavialis gangeticus</i>	1	1	-	2	-	-	-	-	-	-	-	1	2						
4	Monitor Lizard	<i>Varanus</i>	-	-	3	3	-	-	-	-	-	-	-	-	3						
5	Python Indian	<i>Python molurus</i>	-	-	11	11	-	-	-	-	-	-	-	-	11						
Total Reptiles			5	1	30	36	0	0	0	0	0	0	0	5	34						
Total Animals (Zoo Area)			48	51	55	154	0	0	7	1	1	0	0	51	150						
Rescue centre																					
1	Royal Bengal Tiger	<i>Panthera tigris</i>	0	0	0	0	-	-	-	-	-	-	-	-	1						
2	Leopard	<i>Panthera pardus</i>	3	1	-	4	-	-	-	1	3	-	-	5	6						
3	Rhesus Macaque	<i>Macaca mulatta</i>	-	-	31	31	-	-	-	-	-	-	-	-	33						
4	Langur Monkey	<i>Semnopithecus entellus</i>	-	-	1	1	-	-	-	-	-	-	-	-	1						
5	Four- horned antelope	<i>Tetracerus quadricornis</i>	1	1	-	2	-	-	-	1	2	-	-	2	5						
6	Honey badger	<i>Mellivora capensis</i>	0	0	0	0	-	-	-	-	-	-	-	0	1						
7	Owls	<i>Strigiformes</i>	0	0	1	1	-	-	-	-	-	-	-	0	0						
8	Banded Krait	<i>Bungarus fasciatus</i>	0	0	0	0	-	-	-	-	-	-	-	0	0						
9	Albino Common Wolf Snake	<i>Lycodon aulicus</i>	0	0	1	1	-	-	-	-	-	-	1	0	0						
10	Hyanas	<i>Hyaenidae</i>	0	0	1	1	-	-	-	-	-	-	-	0	0						
11	Jackal	<i>Canis aureus</i>	0	0	0	0	-	-	-	-	-	-	-	0	0						
Total			4	2	35	41	0	0	1	2	10	0	1	3	47						
Breeding Center																					
1	Wild Buffalo	<i>Bubalus arnee</i>	-	1	-	1	-	-	-	-	-	-	-	-	1						
Total			0	1	0	1	0	0	0	0	0	0	0	0	1						
Total Animals Jungle safari (Safari+ Zoo Area)			178	204	193	575	0	0	81	4	7	10	1	3	24	28	2	217	237	163	617

List of Free Living Wild Animals Within the Premises

Area wise Avian checklist of Nandan Van Zoo and Jungle Safari area, Naya Raipur, Chhattisgarh

Plain Prinia	Cisticolidae	<i>Prinia inornata</i>	Resident
Black Drongo	Dicruridae	<i>Dicrurus macrocerus</i>	Resident
Indian Roller	Coraciidae	<i>Coracias benghalensis</i>	Resident
Wire Tailed Swallow	Hirundinidae	<i>Hirundo smithii</i>	Resident
Barn Swallow	Hirundinidae	<i>Hirundo rustica</i>	Migratory
Spotted Dove	Columbidae	<i>Spilopelia chinensis</i>	Resident
Ashy Crowned Sparrowlark	Aludidae	<i>Eremopteryx griseus</i>	Resident
Indian Bushlark	Aludidae	<i>Mirafa erythroptera</i>	Resident
Richard's Pipit	Motacillidae	<i>Anthus richardi</i>	Migratory
Black Kite	Accipitridae	<i>Milvus migrans</i>	Resident
White Eye Buzzard	Accipitridae	<i>Butastur teesa</i>	Resident
Shikra	Accipitridae	<i>Accipiter badius</i>	Resident
Black Winged Kite	Accipitridae	<i>Elanum caeruleus</i>	Resident
Greater Coucal	Cuculidae	<i>Centropus sinensis parroti</i>	Resident
Asian Koel	Cuculidae	<i>Eudynamus scolopaceus</i>	Resident
Rose Ringed Parakeet	Psittaculidae	<i>Psittacula krameri</i>	Resident
Plum Headed Parakeet	Psittaculidae	<i>Psittacula cyanocephala</i>	Resident
Spotted Owlet	Strigidae	<i>Athene brama</i>	Resident
Indian Eagle Owl	Strigidae	<i>Bubo (bubo) bengalensis</i>	Resident
Barn Owl	Strigidae	<i>Tyto alba</i>	Resident
Mottled Wood Owl	Strigidae	<i>Strix ocellata</i>	Resident
Nightjar	Caprimulgidae	<i>Caprimulgus sp.</i>	Resident
Grey Francolin	Phasianidae	<i>Francolinus pondicerianus</i>	Resident
House Crow	Corvidae	<i>Corvus splendens</i>	Resident
Common Chiffchaff	Phylloscopidae	<i>Phylloscopus collybita</i>	Migratory
Black Redstart	Muscicapidae	<i>Phoenicurus ochruros</i>	Migratory
Indian Robin	Muscicapidae	<i>Saxicoloides fulicatus</i>	Resident
Oriental Magpie Robin	Muscicapidae	<i>Copsychus saularis</i>	Resident
Bluethroat	Muscicapidae	<i>Luscinia svecica</i>	Migratory
Long Tailed Shrike	Laniidae	<i>Lanius schach</i>	Partially Migratory
Green Bee Eater	Meropidae	<i>Merops orientalis</i>	Resident
Brown Capped Pygmy Woodpecker	Picoides	<i>Dendrocopos nanus</i>	Resident
Red Vented Bulbul	Pycnonotidae	<i>Picnonotus cafer</i>	Resident
Jungle Babbler	Leiotherichidae	<i>Turdoides striata</i>	Resident
Hoopoe	Upupidae	<i>Upopa epops</i>	Resident
Coppersmith Barbet	Capitonidae	<i>Megalaima haemacephala</i>	Resident
Indian Grey Hornbill	Bucerotidae	<i>Ocyrceros birostris</i>	Resident
Eurasian Collared Dove	Columbidae	<i>Streptopelia decaocta</i>	Resident
Laughing Dove	Columbidae	<i>Spilopelia senegalensis</i>	Resident
Purple Rumped Sunbird	Nectariniidae	<i>Leptocoma zeylonica</i>	Resident
Purple Sunbird	Nectariniidae	<i>Cinnyris asiaticus</i>	Resident



Purple Heron



Grey Heron



White Eye Buzzard



Black Kite



Great Egret



Intermediate Egret



Shikra



Black Winged Kite



Cattle Egret



Indian Pond Heron



Grey Francolin



Bronze Winged Jacanna



Asian Openbill



Little Cormorant



White Breasted Waterhen



Little Ringed Plover



Common Green Shank



Spotted Dove



Indian Eagle Owl



Spotted Owlet



Eurasian Collared Dove



Laughing Dove



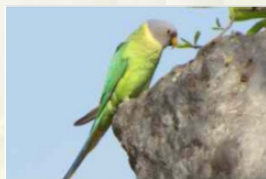
Mottled Wood Owl



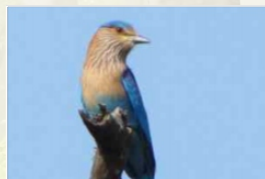
Barn Owl



Rose Ringed Parakeet



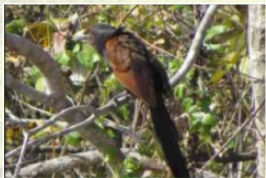
Plum Headed Parakeet



Indian Roller



Common Kingfisher



Greater Coucal



Asian Koel



White Breasted Kingfisher



Pied Kingfisher

Checklist of Reptilian fauna observed during the short term survey in Jungle Safari of Naya Raipur area, Chhattisgarh

S.No.	Common Name	Hindi Name	Family	Scientific Name
1	Brahminy Worm Snake	Samanya Kit Sanp	Typhlopidae	<i>Ramphotyphlops braminus</i>
2	Indian Rock Python	Bharatiya Azgar	Pythonidae	<i>Python molurus</i>
3	Common Sand Boa	Khurdura Dum Boa	Boidae	<i>Eryx conicus</i>
4	Common Trinket Snake	Samanya Abhushit Sanp	Cloubriidae	<i>Coelogranathus helena</i>
5	Indian Rat Snake	Bharatiya Dhaman	Cloubriidae	<i>Ptyas mucosa</i>
6	Banded Racer	Dhawak	Cloubriidae	<i>Argyrogena fasciolata</i>
7	Common Kukri Snake	Kukri Sanp	Cloubriidae	<i>Oligodon arnensis</i>
8	Common Wolf Snake	Samanya Koriyala Sanp	Cloubriidae	<i>Lycodon aulicus</i>
9	Checkered Keelback	Dhoriya Sanp	Cloubriidae	<i>Xenochrophis piscator</i>
10	Striped Keelback	Pattedar Dhoriya	Cloubriidae	<i>Amphiesma stolatum</i>
11	Common Krait	Samanya Krait	Elapidae	<i>Bungarus caeruleus</i>
12	Spectacled Cobra	Bharatiya Nag	Elapidae	<i>Naja naja</i>
13	Russel's Viper	Ghodas	Viperidae	<i>Daboia russelii</i>
14	Indian Flap-shell Turtle	Kachua	Trionychidae	<i>Lissemys punctata</i>
15	Bengal Monitor Lizard	Goh	Varanidae	<i>Varanus bengalensis</i>
16	Oriental Monitor Lizard	Girgit	Agamidae	<i>Colotes versicolor</i>
17	Asian House Gecko	Chhipkali	Gekkonidae	<i>Hemidactylus frenatus</i>
18	Forest Grass Skink	NA	Scincidae	<i>Eutropis carinata</i>

All these 18 detected species of 11 different reptile families were represented in a single list because they were more or less equally distributed throughout the Jungle Safari area. Of these 18 species, Indian rock python and Indian flap-shell turtle belonged to Schedule-I category of Indian Wildlife (Protection) Act, 1972.



Brahminy Worm Snake



Indian Rock Python



Common Sand Boa



Common Trinket Snake



Indian Rat Snake



Banded Racer



Common Kukri Snake



Common Wolf Snake



Checkered Keelback



Striped Keelback

10 Different species of mammals were found in the Jungle Safari area. During the current survey local villagers were asked for other mammalian species and as per their observation Striped Hyena *Hyaena hyaena* of Hyaenidae and Indian Jackal *Canis aureus* of Canidae were present in the area though observers did not find any evidence of these two species.

S.No.	Common Name	Family	Scientific Name
1	Indian Fox	Canidae	<i>Vulpes bengalensis</i>
2	Common Palm Civet	Viverridae	<i>Paradoxurus hermaphrodites</i>
3	Indian Grey Mongoose	Herpestidae	<i>Herpestes edwardsii</i>
4	House Shrew	Soricidae	<i>Suncus murinus</i>
5	Indian Field Mouse	Muridae	<i>Mus booduga</i>
6	House Mouse	Muridae	<i>Mus musculus</i>
7	Three Striped Palm Squirrel	Sciuridae	<i>Funambulus palmarum</i>
8	Indian Flying Fox	Pteropodidae	<i>Pteropus giganteus</i>
9	Black Bearded Tom Bat	Emballanuridae	<i>Taphozous melanopogon</i>
10	Indian Hare	Leporidae	<i>Lepus nigricollis</i>



Indian Fox



Common Palm Civet



Indian Grey Mongoose



House Shrew



Indian Field Mouse



House Mouse



Three Striped Palm Squirrel



Indian Flying Fox

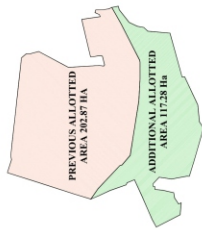


Black Bearded Tom Bat



Indian Hare

REVISED MASTER LAYOUT PLAN OF NANDANVAN ZOO & SAFARI, NAYARAIPUR, CHHATTISGARH. AREA - 320.15 Ha.



Sl. No.	NAME	SYMBOL
1.	SAFARI ROAD	[Symbol]
2.	ENTRY / EXIT	[Symbol]
3.	SAFARI VISITOR'S ROAD	[Symbol]
4.	SERVICE ROAD	[Symbol]
5.	NIGHT FENCE	[Symbol]
6.	VISITOR'S PATH ZONE	[Symbol]
7.	MONITORING PATH	[Symbol]
8.	EXHIBITION ROAD FOR DASH	[Symbol]
9.	FOOD COURT	[Symbol]
10.	TOILET	[Symbol]
11.	GREEN BELT	[Symbol]
12.	WATER TOWER	[Symbol]
13.	WATER TANK OVER HEAD	[Symbol]
14.	PROPAGATION PLANT	[Symbol]
15.	PROPOSED NATAL	[Symbol]
16.	WATER BODY	[Symbol]
17.	IRRIGATION WATER	[Symbol]
18.	DISSEMINATION CENTER	[Symbol]
19.	DISSEMINATION CENTER	[Symbol]
20.	DISSEMINATION CENTER	[Symbol]
21.	DISSEMINATION CENTER	[Symbol]
22.	DISSEMINATION CENTER	[Symbol]
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46.	DISSEMINATION CENTER	[Symbol]
47.	DISSEMINATION CENTER	[Symbol]
48.	DISSEMINATION CENTER	[Symbol]
49.	DISSEMINATION CENTER	[Symbol]
50.	DISSEMINATION CENTER	[Symbol]

Sl. No.	ANIMAL SPECIES	AREA (IN SQM)
1.	WHITE TIGER (ELEPHANT)	2900
2.	ASIAN ELEPHANT	2500
3.	BENGAL TIGER	2400
4.	HIMALAYAN BEAR	1700
5.	HINDI BEAR	800
6.	JACKAL	600
7.	WILD DOG	700
8.	FOX	800
9.	WOLF	900
10.	WOLF	1000
11.	WOLF	1100
12.	WOLF	1200
13.	WOLF	1300
14.	WOLF	1400
15.	WOLF	1500
16.	WOLF	1600
17.	WOLF	1700
18.	WOLF	1800
19.	WOLF	1900
20.	WOLF	2000
21.	WOLF	2100
22.	WOLF	2200
23.	WOLF	2300
24.	WOLF	2400
25.	WOLF	2500
26.	WOLF	2600
27.	WOLF	2700
28.	WOLF	2800
29.	WOLF	2900
30.	WOLF	3000
31.	WOLF	3100
32.	WOLF	3200
33.	WOLF	3300
34.	WOLF	3400
35.	WOLF	3500
36.	WOLF	3600
37.	WOLF	3700
38.	WOLF	3800
39.	WOLF	3900
40.	WOLF	4000
41.	WOLF	4100
42.	WOLF	4200
43.	WOLF	4300
44.	WOLF	4400
45.	WOLF	4500
46.	WOLF	4600
47.	WOLF	4700
48.	WOLF	4800
49.	WOLF	4900
50.	WOLF	5000

NOTES

- This drawing is based on survey drawing provided by the Client.
- The drawing is for reference only and should not be used for any other purpose.
- This drawing is to be used for the purpose it is intended for.
- Detailed working drawings should be made to account location of trees. Suitable changes in working drawings are to be made to avoid tree felling.

REVISED MASTER LAYOUT PLAN FOR NANDANVAN ZOO & SAFARI, NAYARAIPUR, CHHATTISGARH.

REVISIONS

NO.	DATE	DESCRIPTION
01	04.09.2022	FOR SUBMISSION

SCALE: 1:5000 (SHEET SIZE: A1)

SCALE BAR 1:5000

0 100 200 300 400 500 600 700 800 900 1000

NORTH

AREA STATEMENT FOR BIOLOGICAL PARK:-
 SITE AREA - 320.15 Ha. (796.85 Acres)
 AREA ENGAGED FOR ANIMALS - 1099.50 Sq. Ft. (25.85 Ha.)
 OTHER AREAS ENGAGED:- PASTURE LAND - 24.00 Ha. (59.40 Acres)
 GREEN AREA AVAILABLE:- 100.00 Ha. (247.47 Acres)
 - 100.00 Ha. (247.47 Acres)
 - 0.00 Ha. (0.00 Acres)

(1) The Master Plan of Nandanvan Zoo and Safari, Naya Raipur, Chhattisgarh was accorded approval in the 30th Meeting of the Technical Committee in its 104th Meeting held on March 22, 2022 and the Technical Committee in its 104th Meeting held on March 30, 2022.

(2) The decision was communicated vide letter bearing Computer No. 146875 (01/02/19/2022) dated August 6, 2022.

(3) The revised plan submitted vide 770032/2022/GZA dated September 19, 2022 satisfactorily complies to the conditions stipulated in letter at (2).

Signature: _____
 Name: _____
 Designation: _____
 Office: _____
 Date: _____



NANDANVAN SAFARI AND ZOO

Sector-39, Nava Raipur, Atal Nagar, Chhattisgarh - 493661

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