

KUANRIA DEER PARK

(MINI ZOO)

Annual Report for the year
2019-20



DIVISIONAL FOREST OFFICER, MAHANADI WILDLIFE DIVISION, NAYAGARH, ODISHA

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1. **Report of the officer-in-charge** : The Deer park at Kuanria is the only 'Mini zoo' in the Nayagarh District. A large number of visitors not only from Nayagarh but also from Boudh and Phulbani districts do visit to witness the most elegant Deer species having golden body colour with white spots i.e. Chital (*Axis axis*).

On an average 100-150 tourists visit the Deer Park daily and no revenue or entry fee is collected from them. Every individual spends at least half an hour in watching the magnificent gesture of the animals. We provide them drinking water, toilet, sitouts, gazebo and separate play area for children to make them comfortable.

At the beginning of the financial year 2019-20, there were 256 nos. spotted deer with Male - 98 nos. and Female-158 nos. in the Deer Park. The area of deer park was 6.0 Acre. As per the guideline of Central Zoo Authority of India all the prescribed activities of Kuanria Deer Park are being carried out. The deer are fully protected inside the enclosure. There are 8 (eight) nos. of Animal keepers engaged in the deer park for taking care of the park as well as cleaning of deer park premises and periphery. They also collect green fodder from adjoining forest for the deer every day. During the year 2019-20, 15 nos. of fawn were born. One veterinary doctor from the Govt. Dispensary at Daspalla block headquarters do visit the park regularly to check the health condition of the animals and administer medicines, vitamins etc. regularly.

2. **History of the Zoo** :



Kuanria, Deer park was established during the year 1985 under the administrative control of DFO Nayagarh (T) Division having only 5 (Five) spotted Deer (*Axis axis*). It was transferred to Mahanadi Wildlife Division, Nayagarh with effect from 23.10.2002. The present area of the Zoo is A6.0. The facility has been recognized by the Central Zoo authority as a "Mini Zoo" vide their for the first time vide their letter No. F. No. 19-105/92-CZA(195) dt. 22.09.2009 of

CZA with validity up to 30.09.2012 which has been subsequently renewed time to time up to 27.09.2019.F. **No.19-105/92- CZA (195) (vol.1) (PKR)/4926/2018 Dated: 07.12.2018.**

3. **Vision:** To protect and preserve flora and fauna of the local region.

4. **Mission :** To Provide natural habitat to wild animals in captivity, suitable for their conservation and to spread the message of ex-situ conservation through aesthetic visitor's experiences.

5. **Objective**

- I. The main objective of the Mini Zoo is to ex-situ conservation and also to generate awareness though environment education on conservation and propagation of wild animals.
- II. To act as a rescue centre for orphan and sick animal.

6. **About Us**

SL. No.	Particulars	Information
1.	Name of the Zoo	Kuanria Deer park (mini Zoo)
2.	Year of Establishment	1985
3.	Address of the Zoo	At- Kuanria , Po- Neliguda, Ps- Daspalla, Dist- Nayagarh
4.	State	Odisha
5.	Telephone Number	9439035080
6.	Fax Number	06753-253971
7	E-mail address	mahanadiwl.dfo@ gmail.com
8	Website	--
9	Distance from nearest	Airport ;- Biju Pattanaik Air Port, Bhubaneswar- 145 KMs Railway Station :- Nayagarh - 42 kms Bus Stand :- Daspalla - 8 kms
10	Recognition Valid upto (date)	Last recognition valid up to 27.09.2019 as per letter No.F.No.19-105/92-CZA(195)(Vol-I)PKR/4926/2018 Dtd.07.12.2018 of CZA. For renewal of Mini Zoo for further period Sri A.K. Malhotra, Evaluator has visited the Deer Park on dtd.08.02.2020 and submitted his report to CZA. The extension order is awaited.

11	Category of Zoo	Mini Zoo
12	Area (in Hectares)	2.43 Ha.
13	Number of Visitors (financial Year) 2019-20	Adult –15300 Children –9735 Total Indian-25035 Total Foreigners – - Nil- Total Visitors-25035
14	Visitors facilities available in Zoo	Common Toilet, Drinking water, Sitting Place, Children Park, Wheel Chair, Rest Shed, Lawn, First Aid Box, Gazebo
15	Weekly Closure day of the Zoo	Monday
Management Personnel of the Zoo		
16	Name with designation of the Officer in-Charge	Sri Madhab Chandra Naik, Dy, Ranger and Sri Rukman Bariha, Forest Ranger, I/c Banigochha (E) Wildlife Range
	Name of the Veterinary Officer	Dr. Nihar Ranjan Samantray, AVAS, Daspalla
	Name of the Curator	-Nil-
	Name of the Biologist	-Nil-
	Name of the Education Officer	-Nil-
	Name of the Computer/Lab assistant	-Nil-
Owner /Operator of the Zoo		
17	Name of the Operator	Addl. Chief Secretary, Forest & Environment Departmental, Govt of Odisha
18	Address of the Operator	Addl. Chief Secretary, Forest & Environment Department, Govt. of Odisha, secretariat, Bhubaneswar- 751001
19	Contact details/Phone number of Operator	Fax: 0674 - 2395820 Phone: 0674 - 2536822
20	E-Mail address of Operator	fesec.od@nic.in



Lawn



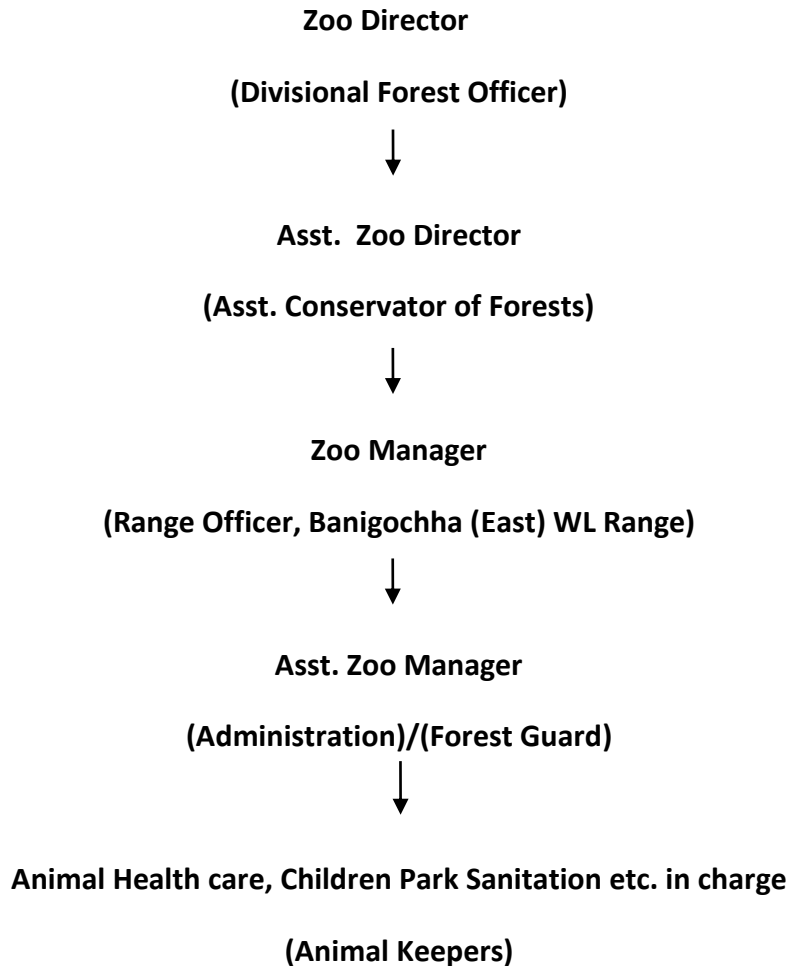
Common Toilet



Visitors' Rest shed

7. Organization Chart

ORGANIZATION CHART OF KUANRIA DEER PARK



8. Human Resources

Manpower of the Zoo

SL. No.	Designation	Number of Sanctioned Posts	Names of the incumbent
1	Range Officer	1	Sri Rukamana Bariha
2	Forest Guard	1	Smt. Manorama Swain
3	T.S.E	2	1. Gaurahari Pradhan 2. Niranjana Pradhan
4	Animal Keeper	10	1. Bijaya Kumar jani 2. Trilochan Jani 3. santosh Kumar nayak 4. Brundaban Pradhan 5. Manoranjan Behera 6. Kalandi Charan Pradhan

			7. Narottam Pradhan 8. Jitendra Kumar Pradhan 9. Kulamani Pradhan 10. Basanta Kumar Pradhan
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9. Zoo Advisory Committee – To be Constituted

- Date of constitution
- Members
- Dates on which meetings held during the year

10. Health Advisory Committee – Health advisory committee has been constituted during the year- 2018-19 vide O.O No. 112 dtd.21.12.2018 of DFO, Mahanadi Wildlife Division, Nayagarh.

- Date of Constitution-21.12.2018
- Members- CDVO, Nayagarh, VAS, Daspalla, DFO, Mahanadi WL Division, Nayagarh.
- Dates on which Meetings held during the year

11. Statement of income and expenditure of the Zoo

Revenue (Income)	Expenditure
2019-20	<u>2019-20</u>
	Feeding charges – Rs. 23,43,540.00
	Wage of Animal Keeper – Rs.12,10,560.00
	02 NP-21033
NIL	Maintenance of Deer Park – Rs.1,00,000.00
	Medicine- Rs. 1,20,000.00
	CAMPA-APO 2019-20
	PCCF WL Maintenance
	of deer Park – Rs. <u>1,59,540.00</u>
	Total – Rs. 39,33,640.00

12. Daily feed schedule of animals

SL. No.	Species	Feed item	Quantity per animal in Kg.		Day of Fasting
			Winter	Summer	
1.	Spotted Deer (<i>Axis-axis</i>)	Tree Fodder	3.000	3.000	Nil
		Deer Mash	0.700	0.700	

13. Vaccination schedule of animals

Sl. No.	Species	Disease Vaccinated for	Name of the vaccine and dosage/quantity used	Periodicity	Remarks
1.	Spotted Deer (<i>Axis axis</i>)	FMD	FMD Vaccine	Half-yearly	
		H.S	H.S. Vaccine	Yearly	

14. De-worming Schedule of animals

Sl. No.	Species	Drug used	Month
1	Spotted Deer	Body kind syrup Mahalibe syrup Albendazole syrup	April
2			July
3			October
4			January



15. Disinfection schedule

Sl. No.	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
1	Spotted Deer	Feeding Chamber	Phenyl	Daily
2		Display area	Potassium Permanganate	Weekly
3		Animal Keeper	Lime water	Daily

		corridor		
4		Floor of animal enclosure	Spraying of Lime Water	Monthly (once)
5		animal enclosure	Replacement of earth (6-8 inch)	Twice every year

16. Health check-up of employees for zoonotic diseases

Sl. No.	Name	Designation	Date of Health Check up	Findings of health check up
1	Smt. Manorama Swain	Forest Guard	Quarterly	Normal
2	Gaurahari Pradhan	T.S.E	Quarterly	
3	Niranjan Pradhan	T.S.E	Quarterly	
4	Bijaya Kumar Jani	Animal Keeper	Quarterly	
5	Trilochan jani	Animal Keeper	Quarterly	
6	Santosh Kumar Nayak	Animal Keeper	Quarterly	
7	Brundaban Pradhan	Animal Keeper	Quarterly	
8	Manoranjan Behera	Animal Keeper	Quarterly	
9	Kalandi Charan Pradhan	Animal Keeper	Quarterly	
10	Narottam Pradhan	Animal Keeper	Quarterly	
11	Jitendra Kumar Pradhan	Animal Keeper	Quarterly	
12	Kulamani Pradhan	Animal Keeper	Quarterly	
13	Basanta Kumar Pradhan	Animal Keeper	Quarterly	

17. Development works carried out in the zoo during the year:

1. Designed fencing in front of Kuanria Deer Park,
2. Colouring work of Post mortem room, Designed fence, Common Toilet Room, Treatment Room, Footpath of Deer Park,
3. Straw roofing temporary hut,
4. Construction of Children's Park, Boundary Wall.



18. Education and awareness programme during the year:

Following awareness programme have been organized

1. Celebration of Elephant day on 12.08.2019 and observation of wildlife Week, 2019.
2. Organization of quiz competition on Forestry, Wildlife & Ecology, Drawing , Essay & Debate competition among school students on various aspects on Wildlife and Man-Animal conflict and conservation of endangered species.

19. Important Events and happenings:

No such important / specific events noticed.

20. Seasonal Special arrangement for upkeep of animals:

Special summer arrangements are made to provide sufficient cool drinking water and shade to the animals.

21. Research work carried out and publications:

Research work and publication are yet to be done.

22. Conservation breeding programme of the Zoo:

Conservation breeding programme is yet to be done.

23. Animal acquisition/transfer/exchange during the year

A.	Animals arriving in the Zoo				
	H. No.	Species	Number (M:F)	From which Zoo	Date of arrival in the Zoo
	Nil				
B.	Animal going from the Zoo				
	H. No.	Species	Number (M:F)	Going to which Zoo	Date of deposition From the Zoo
	Nil				

24. Rescue and rehabilitation of wild animals carried out by the Zoo

Sl. No.	Date of Rescue	Species with numbers 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	Reasons for housing in the Zoo, if not released in their habitat
Nil						

25. Annual Inventory of Animals

From –II

[See Rule 11 (1)]

Part-A

Inventory Report for the Year: 2019-20

Endangered Species*

Sl. No	Animal Name	Scientific name	Opening stock as on				Births			Acquisition			Disposal			Death			Closing Stock as on			
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
-Nil-																						

* Animals under schedule I and schedule II of the wildlife (protection) act, 1972

Part- B

Other than Endangered Species

Sl. No	Animal Name	Scientific name	Opening stock as on				Births			Acquisition			Disposal			Death			Closing Stock as on			
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
1	Spotted Deer	<i>Axis axis</i>	98	158	-	256	2	2	-	-	-	-	-	-	-	2	1	-	98	159	-	257
	Total Mammal		98	158	-	256	2	2	-	-	-	-	-	-	-	2	1	-	98	159	-	257

26. Mortality of animals

Sl. No.	Animal Name (with individual identification mark, if any)	Scientific Name	Sex	Date of Death	Reason of death as per the post Mortem report
	Spotted Deer	<i>Axis axis</i>	Male	17.09.2019	Shock due to sever hemorrhage inside thoracic cavity.
			Female	27.10.2019	Shock due to septicemia due to sever wound at abdomen.
			Male	16.11.2019	Shock due to septicemia due to massive infected at eye region.

27. Compliance with conditions stipulated by the Central Zoo Authority

SL. No	Norm No. Under RZR, 2009	Condition Stipulated	Time Period to Comply	Since when pending	Status with regard to compliance of the conditions
1	10.1(2)	The Deer Park should provide naturalistic environment in the enclosures by planting variety of indigenous species in the enclosure.	With immediate effect	24.10.2017	About 100 indigenous species like Banyan, Jamun, Pongamia etc. have been planted inside the enclosure during 2018-19. Besides that vegetation and plantation about 135 indigenous species like Jamun, Jack fruit, Amla, Pongamia etc. have been planted in the children park next to the enclosure during 2018-19.
2	10.1(3)	The Deer Park Operator should reduce visitor viewing area within 25% of perimeter of animal enclosure.	With immediate effect	24.10.2017	Reduced the visitor area as recommended

3	10.1(3)	The Deer Park should provide service entry to the animal enclosure away from the visitor's circulation path and also failed to ensure the access of the visitors to the service area.	Six Months	24.10.2017	Provided Service entry path as recommended at different place.
4	10.1(3)	The Deer Park should shift the Children's play tools outside the entrance of the zoo.	With immediate effect	24.10.2017	Demolished
5	10.1(6)	The Operator of the Deer Park should stop staff residing inside the zoo premises also should construct a wall of two meter height with independent entry/exit around the Bungalow separating from the Deer Park premises.	Three months	24.10.2017	400mtr. Long wall of 2mtr height has been constructed in between the deer park and the staff residing area
6	10.4(1)	The Deer Park should demolish the unutilized crumbling structures in the premises of the Deer Park	With immediate effect	24.10.2017	Demolished
7	10.4(2)	The Deer Park should ensure displaying of animals in enclosures of design and dimension as specified by the CZA.	With immediate effect	24.10.2017	The enclosures have been designed as per CZA specification.
8	10.4(2)	The Deer Park should provide provision for double door service entry in to the animal enclosure.	3 months	24.10.2017	Double door entry gates are provided
9	10.4(9)	The Deer Park should provide stand – off barrier of prescribed dimension (75 cm height at a distance of 150 cm from the barrier) and thorny evergreen hedge	3 months	24.10.2017	Provided Stand – off Barrieras per CZA specification.

		plantation between enclosure barrier and railing should be provided.			
10	10.5(2)	The Deer Park should prepare and implement diet schedule.	With immediate effect	24.10.2017	Diet schedule Prepared and displayed at front
11	10.5(5)	The Deer Park should prepare and implement schedule for disinfection of enclosures.	With immediate effect	24.10.2017	The disinfection of Deer park is done twice in month by spraying lime.
12	10.5(6)	(a) The zoo should stop to drive the animals inside the enclosure.	With immediate effect	24.10.2017	No such drive of the animals done
		(b) The Operator should appoint a qualified person in the Deer Park.			Experienced Zoo keepers have been appointed
13	10.5(8)	The Deer Park should prepare and implement schedule for vaccination and other prophylactic measures.	With immediate effect	24.10.2017	Regular vaccination is taken to follow the schedule of vaccination and other prophylactic measures. A chart is fixed
14	10.5(8)	The Deer Park should a detailed report on 73 deaths of Spotted deer occurred in the Deer Park during September, 2014 due to outbreak of Foot and Mouth Disease to the Central Zoo Authority.	With immediate effect	24.10.2017	Reports of VAS have been submitted to CZA
15	10.5(8)	The Deer Park should maintain records on the de worming of animals.	With immediate effect	24.10.2017	A register is maintained
16	10.5(9)	The Deer Park should screen staff involved in upkeep of animals against zoonotic diseases.	With immediate effect	24.10.2017	Screening of animal keepers have been done in every quarter
17	10.6(1)	The Deer Park should provide a treatment Room with basic facilities at the	Three months	24.10.2017	Treatment room is provided

		zoo campus.			
18	10.6(3)	The Deer Park should maintain Post-mortem Room in a clean and hygienic manner.	With immediate effect	24.10.2017	Post mortem room is available
19	10.12 (9)	The Deer Park should adopt efficient measures to control the population of the deer including separation of sexes.	Six months	24.10.2017	A partition chain link mesh is provided to separate both the sexes
20	10.12(3)	The Deer Park should provide Wheel chairs and ramps for the physically challenged persons.	Six months	24.10.2017	Wheel chair has been provided at the entrance

28. List of Free living wild animals within the zoo premises

- a. Mammals – Rhesus macaque (*Macaca mullata*),
Common langur (*Semnopithecus entellus*),
Giant squirrel (*Ratufa indica*)
Small Indian Mongoose (*Herpestes javanicus*)
- b. Birds - Black headed Oriole (*Oriolus larvatus*)
Asian Koel (*Eudynamys scolopaceus*)
Jungle Babblers (*Turdoides striata*)
Jungle Owlet (*Glaucidium radiatum*)
- c. Reptiles - Common Rat snake (*Ptyas mucosus*)
Common Kraits (*Bungarus caeruleus*)


(Harsha Bardhan Udgata)
Divisional Forest Officer,
Mahanadi WL Division,
Nayagarh

