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ଝଞ୍ଜିୟ ବନାୟକାରୀଙ୍କ କାର୍ଯ୍ୟାଳୟ, ହାରାକୁଡ଼ ବନ୍ୟପ୍ରାଣୀ ବନଖଣ୍ଡ, ମୋତିଝରନ, ସମ୍ବଲପୁର, ଓଡ଼ିଶା
ପିନ୍-୭୬୮୦୦୧, ଦୂରଭାଷା/ଫେକ୍ସ- ୦୬୬୩-୨୫୪୮୭୪୩,
ଇମେଲ-dfo.hirakudwl@odisha.gov.in

Letter No: **2331** /3F/219(WL)/2018-19 Dated: **18-6-2022**
To
The Member Secretary,
Central Zoo Authority,
Govt. of India,
Ministry of Environment, Forest & Climate Change,
New Delhi.
Sub: - Submission of Annual Report of the Wild Animal Conservation
Centre (WACC) to the Central Zoo Authority during the year 2021-22.

Respected Sir,

With reference to the above cited captioned subject the Annual Report of
Wild Animal Conservation Centre (WACC) , Motijharan, Sambalpur during the year
2021-22 is submitted herewith both in hard copy and soft copy (PDF format) for favour of
your kind information and necessary action.

Encl:- As above.(PDF Format)

Yours faithfully,

Divisional Forest Officer,
Hirakud Wildlife Division
Sambalpur

Memo No. **2332** Dt. **18-6-2022**

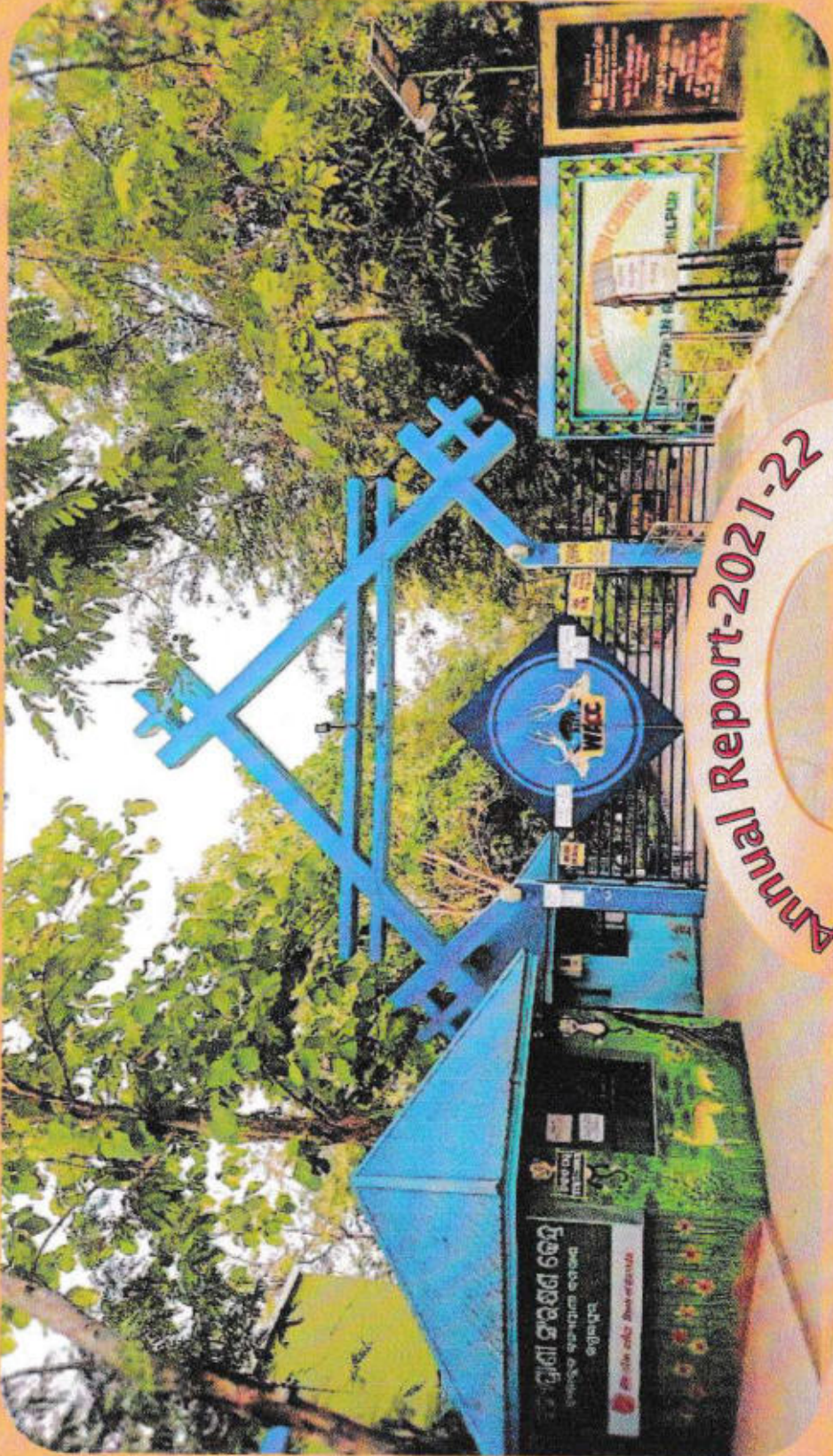
Copy forwarded to the Principal Chief Conservator of Forests (Wildlife), and
Chief Wildlife Warden, Odisha, Bhubaneswar for favour of kind information & necessary
action.

Divisional Forest Officer,
Hirakud Wildlife Division
Sambalpur

Memo No. **2333** Dt. **18-6-2022**

Copy forwarded to the Conservator of Forests, Sambalpur Circle for favour of
kind information & necessary action.

Divisional Forest Officer,
Hirakud Wildlife Division
Sambalpur



WILD ANIMAL CONSERVATION CENTRE MOTIJHARA SAMBALPUR

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1. **Report of the Officer-in-charge:-**
Division, Sambalpur

Divisional Forest Officer, Hirakud Wildlife

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2. **History of the Zoo:-**

The present day **Wild Animal Conservation Centre (WACC)** had made its humble beginning as the **Motijharan Deer Park**. With 6 Ha. of area inside Motijharan RF in the year 1980. It was established with the main aim of keeping of deer for purpose of recreation of public as well as conservation of some wild animals rescued from captivity.. It was under the administrative control of Sambalpur Territorial Division. Subsequently, it was transferred to Badrama Wild Life Division with effect from 01.04.1986 vide the office order no. 10/F (WL). 20/86-224 dated. 27.02.86 of the CCF, Orissa, Cuttack. The Central Zoo Authority, New Delhi, approved its existence vide Memo no. 19-3/93 CZA 20611 dt. 09.10.1996. In the year 2000, the area of the then Motijharan Deer Park, was extended from 6 hectares to 13.16 hectares. Subsequently efforts were made to obtain recognition as a mini zoo from the CZA of India. Accordingly the Deer Park got the status of a Mini Zoo in the year 2005 vide CZA F.No.19-3/93-CZA (201)(Vol II)(M) dated 10.08.2005, valid up to 31.08.2009. The Deer Park was renamed as Wild Animal Conservation Centre on 17.06.2006. Subsequently, the Centre was given recognition as a Rescue Centre vide CZA F.No.19-3/93-CZA(201)(M) dated 27.07.2010, valid up to 31.07.2011. Currently It has been bestowed the status of a small zoo renewed by CZA vide CZA Office Memorandum F No.7-10/2020-CZA(Part-1) dated 25.08.2020 valid upto 19.08.2021.Thus, it is the second largest Govt. owned ex-situ conservation facility in Odisha exhibiting maximum number of species, after Nandankanan Biological Park.



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3. Our Vision:

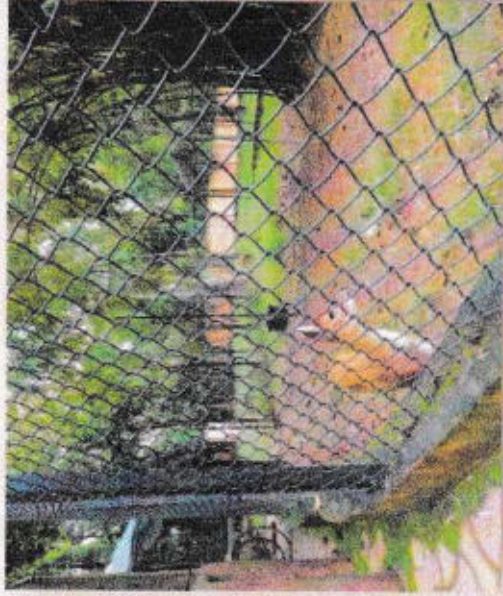
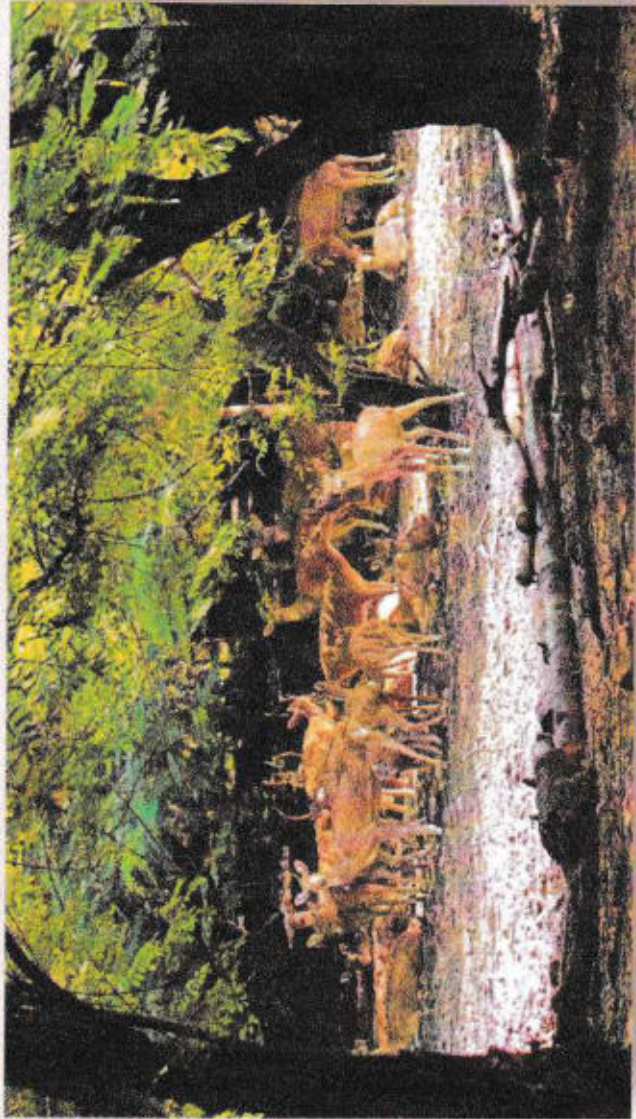
- To supplement in-situ conservation in Western Odisha Forests through viable ex-situ conservation measures.
- Promotion of awareness among the public on conservation of wild animals, wildlife education research on conservation breeding.

4. Our Mission:

- To maintain proper ex-situ conservation facilities in order to ensure rescue and rehabilitation of wildlife

5. Objective:

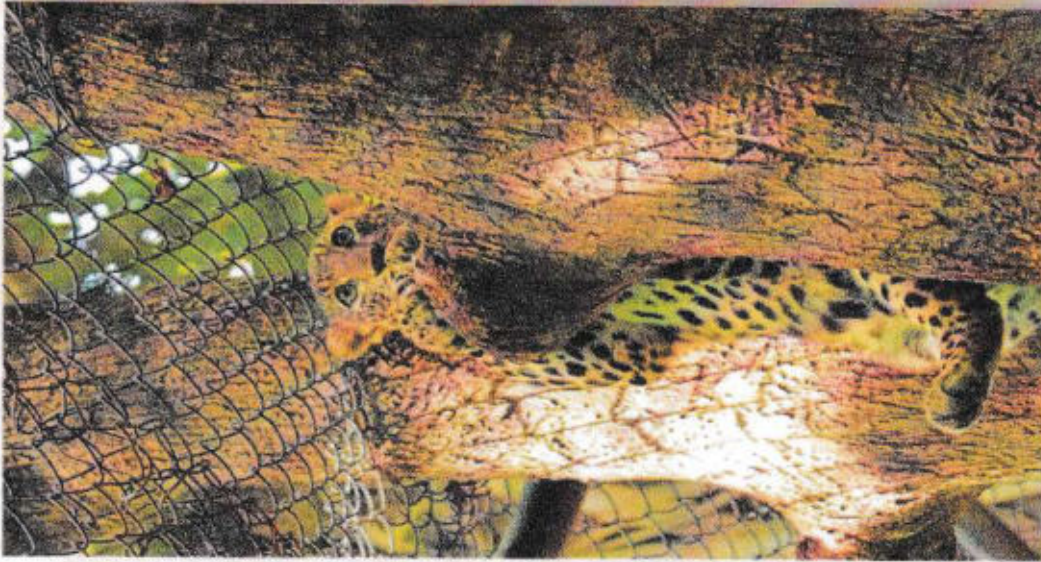
- Captive breeding of rare and endanger species, especially those of Western Odisha region.
- Creation of Public awareness on Wildlife Conservation, especially ex-situ conservation.
- Rescue and rehabilitation of Wild Animals and birds rescued from captivity.



6. About us

WACC- Annual Report-2021-22

S.No.	Particulars	Information
1	Name of the Zoo	Wild Animal Conservation Centre, Sambalpur
2	Year of Establishment	1980
3	Address of the Zoo	Wild Animal Conservation Centre, Deer Park, Motijharan, Sambalpur
4	State	Odisha
5	Telephone Number	+91-63729-05063
6	Fax Number	NIL
7	E-mail address	waccsbp.21@gmail.com
8	Website	NIL
9	Distance from nearest	Airport:- 60 KM Railway Station:- 3 KM Bus Stand:- 3KM
10	Recognition Valid upto (Date)	19.08.2021
11	Category of zoo	Small Zoo
12	Area (in Hectares)	13.16 Ha.
13	Number of Visitors (Financial Year)	Adult :- 5 year above-59112nos during the financial year 2021-22 Children :- NIL Total Indian :- 1,13,821 nos. Total Foreigners :- NIL Total Visitors:- 1,13,821 nos.
14	Visitors' Facilities Available in Zoo	1. 3nos of Mini Children Park with playing instruments for children. 2. Mini artificial Water fall. 3. Hill Track (0.5kms) 4. Sit out area 5. Garden 6. Visitors Shed 7. Cool Aqua-guard drinking water 8. Toilet Room (Gents/Ladies) 9. Kiosk 10. Paver laid parking area 11. Wheel Chair for physically handicapped person. 12. Mini Aquarium 13. First Aid Measure
15.	Weekly Closure Day of the Zoo	Every Monday



Management Personnel of the zoo

16	Name with designation of the Officer in-charge	Sri Goutam Balua, Fr., I/c Range Officer
	Name of the Veterinary Officer	NIL
	Name of the Curator	NIL
	Name of the Biologist	NIL
	Name of the Education Officer	NIL
	Name of the Compounder/ Lab Assistant	NIL

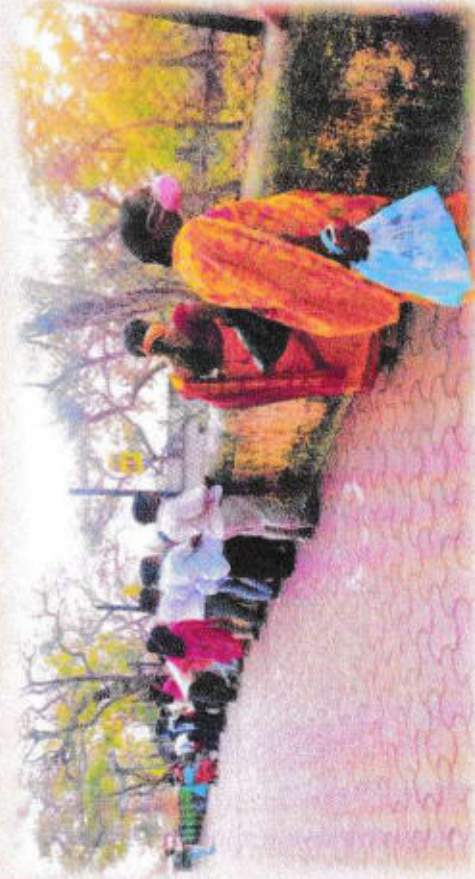
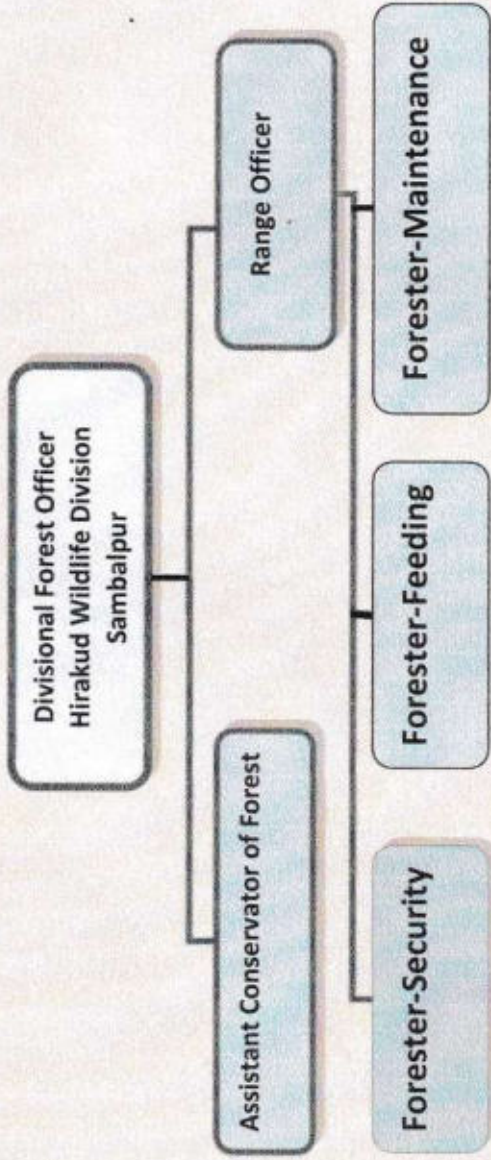
Owner / Operator of the Zoo

17	*Name of the Operator	Divisional Forest Officer, Hirakud Wildlife Division, Sambalpur
18	Address of the Operator	At- Deer Park, Motijharan Po/Dist.- Sambalpur, PIN-768001
19	Contact details/Phone number of Operator	94379-60604
20	E-mail address of Operator	dfohirakudwlod@gov.in



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7. Organizational Chart



8. Human Resources

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Manpower of the Zoo

Sl.No.	Designation	Number of Sanctioned Posts	Names of the incumbent
1	Forest Ranger	1	Nil
2	Dy. Range Officer	-	Nil
3	Forester	2	1.Sri Goutam Balua 2.Smt. Tapaswini Swain
4	Forest Guard	4	1.Smt. Pratima Pradhan 2. Meeta Rani Mahapatra
5	Animal Keeper	1	1. Sri SushantaKu.Dhaulia

9. 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	Sri SushantaKu.Dhaulia, Animal Keeper	Training on Captive Management of Reptiles.	24.11.2021 to 26.11.2021	Nandankanan Zoological Park, Bhubaneswar.

10. Zoo Advisory Committee

- Date of constitution: Nil
- Members : Nil
- Dates on which Meetings held during the year : Nil

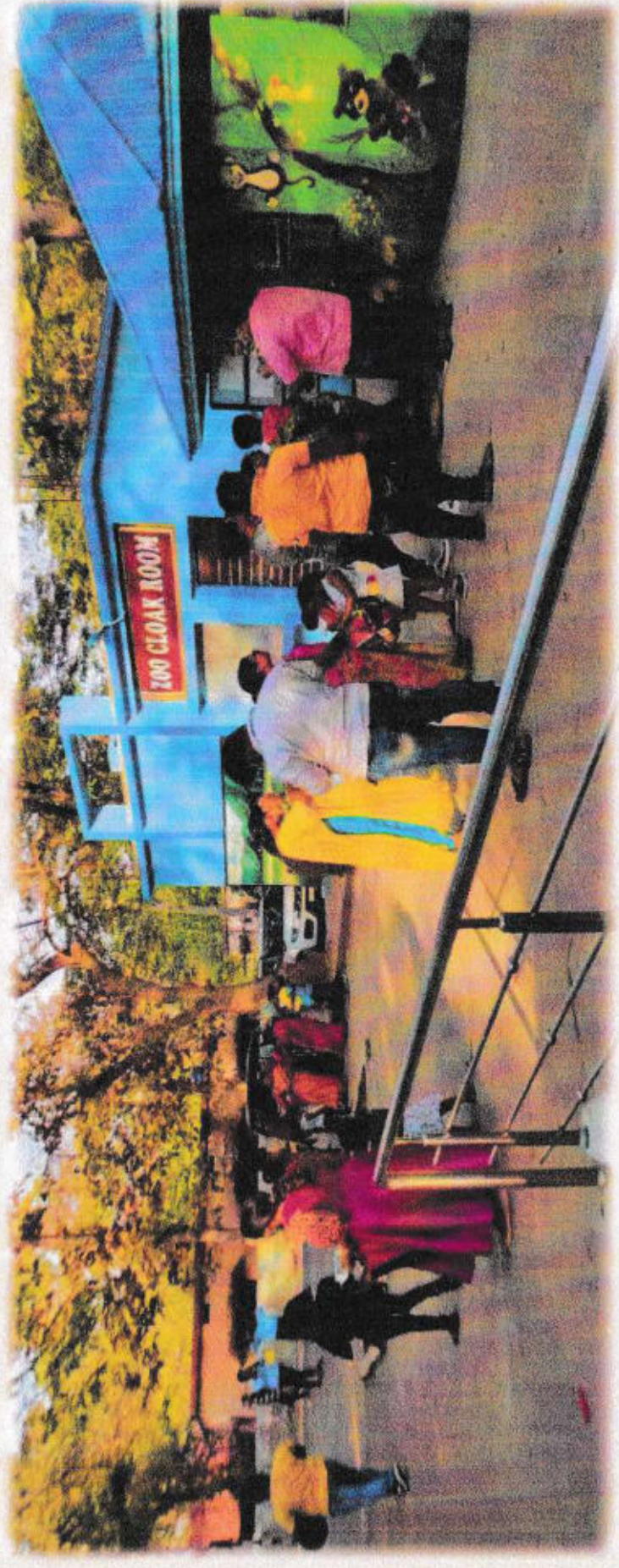
11. Health Advisory Committee

- Date of constitution : Nil
- Members: Nil
- Dates on which Meetings held during the year: Nil



12. Statement of income and expenditure of the Zoo upto March-2022.

Sl No.	Particulars	Amount	Expenditure
1	Zoo Entry-Ticket	Rs.11,38,210.00	Deposited in Corpus Fund.
2	Parking Fees	Rs. 11,700.00	-do-
3	Kiosk	Rs.10,788.00	-do-



13. Daily feed Schedule of animals

WACC- Annual Report-2021-22

Sl.No.	Species	Feed item	Quantity		Day of fasting
			Winter	Summer	
1	Spotted Deer (111nos) 110 kg	Kulthi 20.5%	0.205kg	0.205kg	
		Chokar 23%	0.23kg	0.23kg	
		Maka 25.50%	0.255kg	0.255kg	
		Kunda 23%	0.23kg	0.23kg	
		B.Cake 5.50%	0.055kg	0.055kg	
		Salt 1.25%	0.0125kg	0.0125kg	
		Vitamin & Mineral 1.25%	0.0125kg	0.0125kg	
		Grass	3kg	3kg	
		Fodder	1kg	1kg	
		Kulthi 20.5%	0.41kg	0.41kg	
		Chokar 23%	0.46kg	0.46kg	
2	Sambar (30nos) 52 kg	Maka 25.50%	0.51kg	0.51kg	
		Kunda 23%	0.46kg	0.46kg	
		B.Cake 5.50%	0.11kg	0.11kg	
		Salt 1.25%	0.025kg	0.025kg	
		Vitamin & Mineral 1.25%	0.025kg	0.025kg	
		Grass	6kg	6kg	
		Fodder	2kg	2kg	
		Vegetable	182gm	182gm	
		Kulthi 20.5%	0.1025kg	0.1025kg	
		Chokar 23%	0.115kg	0.115kg	
		Maka 25.50%	0.1275kg	0.1275kg	
3	Barking Deer (15nos) 6.5 kg	Kunda 23%	0.115kg	0.115kg	
		B.Cake 5.50%	0.0275kg	0.0275kg	
		Salt 1.25%	0.00625kg	0.00625kg	
		Vitamin & Mineral 1.25%	0.00625kg	0.00625kg	
		Grass	1.5kg	1.5kg	
		Fodder	0.500kg	0.500kg	
		Kulthi 20.5%	0.0615kg	0.0615kg	
		Chokar 23%	0.069kg	0.069kg	
		Maka 25.50%	0.0765kg	0.0765kg	
		Kunda 23%	0.069kg	0.069kg	
		B.Cake 5.50%	0.0165kg	0.0165kg	
4	Chousingha (25nos) 10.5 kg	Salt 1.25%	0.00375kg	0.00375kg	
		Vitamin & Mineral 1.25%	0.00375kg	0.00375kg	
		Grass	0.9kg	0.9kg	
		Fodder	0.3kg	0.3kg	
		Green Leaf	43.10gm	43.10gm	
		Vegetable	69gm	69gm	



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5	Wild-Boar (1no) 1 kg	Kulthi 20.5%	0.205kg	0.205kg	0.205kg
		Chokar 23%	0.23kg	0.23kg	0.23kg
		Maka 25.50%	0.255kg	0.255kg	0.255kg
		Kunda 23%	0.23kg	0.23kg	0.23kg
		B.Cake 5.50%	0.055kg	0.055kg	0.055kg
		Salt 1.25%	0.0125kg	0.0125kg	0.0125kg
		Vitamin & Mineral 1.25%	0.0125kg	0.0125kg	0.0125kg
		Rice	500gm	500gm	500gm
		Biri Dal	8gm	8gm	8gm
		Omfed Milk	2 pkt	2 pkt	2 pkt
		Rice	0.5kg	0.5kg	0.5kg
		Biri Dal	37.5gm	37.5gm	37.5gm
		Honey	20gm	20gm	20gm
		Sugar-Cane/Guda	58.7gm	58.7gm	58.7gm
		Seasonal Fruits	0.5kg	0.5kg	0.5kg
		Chicken/Mutton	1.5kg	1.5kg	1.5kg
8	Python (3nos)	Live Hen	1kg	1kg	1kg
9	Civet-Cat (6nos)	Omfed Milk	0.33pkt	0.33pkt	0.33pkt
		Rice	50gm	50gm	50gm
		Banana	3pcs	3pcs	3pcs
		Chicken	75gm	75gm	75gm
10	Fox (1no)	Rice	100gm	100gm	100gm
		Chicken	100gm	100gm	100gm
11	Pea-fowl (6nos)	Grain, Wheat etc.	500gm	500gm	500gm
		Green-Leaf	250gm	250gm	250gm
12	Monkey (2nos)	Apple	200gm	200gm	200gm
		Banana	6pcs	6pcs	6pcs
		Vegetable	350gm	350gm	350gm
		Grain	50gm	50gm	50gm
13	Parakeet/Dove (53nos)	Banana	0.11pcs	0.11pcs	0.11pcs
		Apple	0.00192kg	0.00192kg	0.00192kg
		Grain	0.00384kg	0.00384kg	0.00384kg
14	Exotic Birds (30nos)	Poultry Feed	0.0222gm	0.0222gm	0.0222gm
15	Giant Squirrel (1no)	Vegetable	300gm	300gm	300gm
		Chicken	50gm	50gm	50gm
16	Mongoose (1no)	Rice	50gm	50gm	50gm

14. Vaccination Schedule of animals

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Sl.No.	Species	Disease vaccinated for	Name of the Vaccine and dosage/ quantity used	Periodicity	Remarks
1	Chousingha	Hemoragic Septicemia, FMD	FMD Vaccination	FMD – 23.11.2021	
2	Livestock(Within 5 k.m periphery of WACC)		HS, BQ Vaccination	HS-August,2021 BQ-August,2021	

15. De-worming Schedule of animals

Sl.No.	Species	Drug used	Month
1	For All Species	Fecal sample examination medicines are provided as per worm load with diseases per advice of VAS.	1 st week of the month with a interval of 3 months.

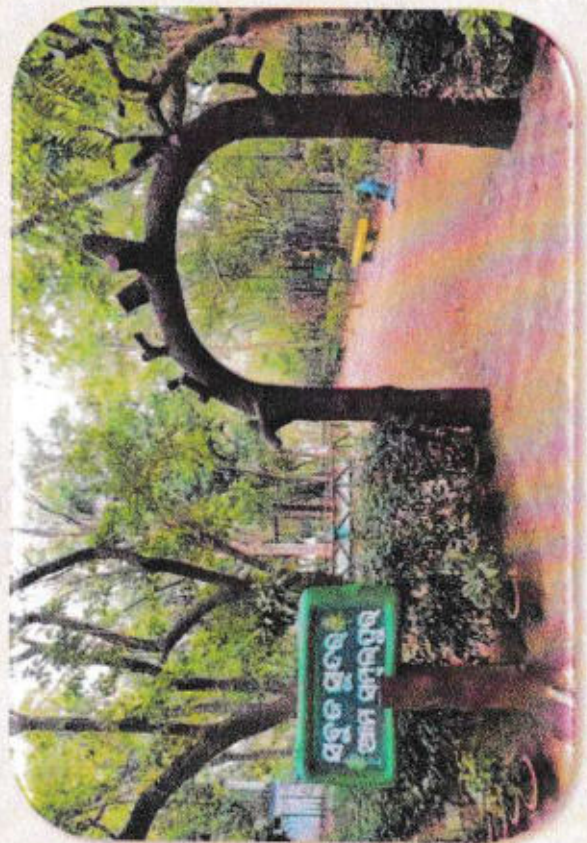
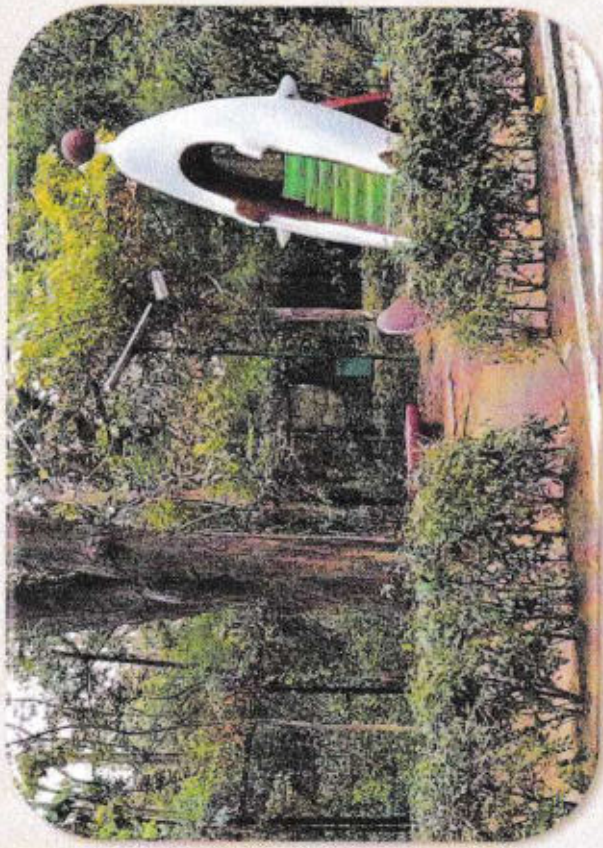
16. Disinfection Schedule

Sl.No.	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
1	All Species	All open enclosure	Weeds clearance within the enclosure during rainy season & after rains is being carried out.	During after rainy season
2	-	Entry Gate, Public Toilet, Visitor sit out area, drain	Weekly bleaching the Entry Gate area, Public Toilet area along the paths & drinking area site, drain etc and Sanitize Main Gate.	Weekly once
3	Sloth Bear, Exotic Birds & Monkey	Housed enclosure	Turmeric Powder are provided with food (Mixed in the time of cooking food)	Every alternate day
4	Exotic Birds, Monkey & Chousingha	Open Enclosure & Housed Enclosure	Neem tree branches are provided to Chousingha, Birds & Monkey	Jan, Apr, July, Oct
5	Chousingha, Exotic Birds, Small Animals	-do-	Boiling the utensils in the hot water for once a week	Once a week



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6	Exotic Birds	Housed Enclosure (Aviary)	Sand filling of surface area and taking out the waste materials and filling new	Once a year
7	All Species	All Enclosure	Liming, colouring & Painting inside & outside wall surface of the enclosure followed by painting the grills & gate	Once a year
8	All ungulates species	All enclosure	Liming the surface of enclosures after separating the animals	Twice in a year
9	All species	All enclosure	Cleaning & washing the feeding & water container, floor, cages with potassium permanganate solution, Phenyl applying to outside drain & corridor of each enclosure	Once in a day
10	All Species	All enclosure	Footbath are prepared with potassium permanganate solution (Staffs are entered through footbath by cleaning their leg in potassium permanganate solution every day)	Every day



17. Health Check-up of employees for zoonotic diseases

Due to COVID-19 this year Health Check-up could not be done

18. Development Works carried out in the zoo during the year

- Printing of Ticket
- Weeds Clearance
- Construction of Lotus Pond
- Construction of Zoo Interpretation Hall
- Construction of Forester Quarter
- Inspection Path(Laying of Paver Block)
- Inspection Path, drainage treatment and Plantation in open space.
- Construction of Compound Wall.



19. Education and Awareness programmes during the year-

- Celebration of Wildlife Week
- Celebration of Vanamahostav

20. Important Events and happenings -

- Celebration of WACC establishment day i.e. 7th June every year.
- Celebration of 26th January, 15th August & New Year Day for Visitors & School Children and imparting Wildlife Education & its conservation every year.



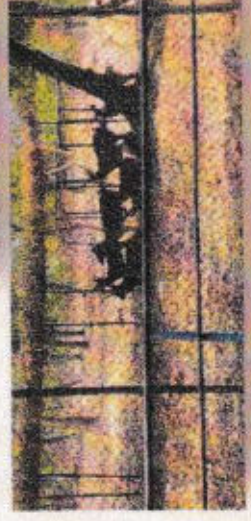
21. Seasonal special arrangements for upkeep of animals:

Winter Season

- Straw Spreading on the surface of enclosure for warm for all enclosure.
- Straw spreading & 200watt bulbs provided for warm for Python Enclosure.
- Green Net cover by all opened house enclosure for upkeep during winter & 200watt bulbs provided for warm for bird enclosure.

Summer Season

- Supply of anti stress medicine like K-Grand Powder, Imo grow to animals & birds during March - June.
- Supply of Sugar-Cane Juice & Water-Melon to Bear
- Supply of Water-Melon for all species except Leopard, Spotted Deer, Sambar, Barking Deer & Python.
- The resting sheds and the feeding chambers have been covered with straw to prevent penetration of heat.
- The enclosures are being sprinkled with water to reduce the temperature.
- Sufficient Water is supplied to artificial pools in Sambar and Wild-Pig Enclosure for their wallowing.
- Air Coolers is provided to Leopard enclosure during summer.
- Pre monsoon
- Spreading of Lime in every enclosure



21. Research Work carried out and publications:

- i. Leaflet distribution on faunal diversity of WACC Campus, Sambalpur.

22. Conservation Breeding Programme of the Zoo - Conservation breeding programme of the zoo - Nil

23. Animal acquisition / transfer / exchange during the year

A. Animals arriving in the Zoo					
H.NO.	Species	Number		From which Zoo	Date of arrival in the zoo
		M	F K		
No such acquisition, exchange during the year in the zoo.					
B. Animals going from the zoo					
H.NO.	Species	Number		Going to which Zoo	Date of deposition from the zoo
		M	F K		
No transfer/exchange during the year in the Zoo.					

24. 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	Reasons for housing in the zoo, if not released in their habitat
1	18.01.2022	M	Kadobahali beat near Lampaphuli DPF under Naktideul Range of Rairakhol Forest Division	Memo No.284 Dtd. 17.01.2022 of Rairakhol Forest Division, Rairakhol	-	Due to kid, Spotted Deer cub could not released in nature.
2	07.02.2022	U	Dhama Forest Range Office of Sambalpur Forest Division	Memo No.737 Dtd. 07.02.2022 of Sambalpur Forest Division, Sambalpur	-	Due to kid, Spotted Deer cub could not released in nature.



25. Annual Inventory of animals

Inventory Report for the Year: 2021-22

Endangered Species

Sl No	Animal Name	Scientific Name	Opening Stock as on 01.04.2021			Births			Acquisitions			Disposals			Deaths			Closing Stock as on 31.03.2022			
			M	F	K	M	F	K	M	F	K	M	F	K	M	F	K	M	F	K	Total
1.	Pea Fowl	Pavocristatus	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	0	6
	TOTAL BIRDS		2	4	0	0	0	0	0	0	0	0	0	0	0	0	2	4	0	6	
	MAMMALS																				
1.	Leopard	Panthera pardus	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
2.	Sloth Bear	Melurus ursinus	2	1	1	0	0	0	0	0	0	0	0	0	0	0	2	1	1	1	4
3.	Rhesus Macaque	Macaca mulatta	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2
4.	Fox Common	Vulpes bengalensis	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
5.	Asian Palm Civet	Paradoxurus hermaphroditus	1	3	0	0	0	0	2	0	0	0	0	0	0	0	1	3	2	0	6
6.	Four-horned Antelope	Tetracerus quadricornis	5	15	1	0	0	8	0	0	0	0	0	0	3	1	5	12	8	25	
7.	Malabar Giant Squirrel	Ratafu indica	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	
8.	Indian Grey Mongoose	Herpestesedwardsi	1	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	
	TOTAL MAMMALS		11	23	2	0	10	0	0	0	0	0	0	4	1	11	19	11	41		
	Reptile/Amphibians																				
1.	Indian Rock Python	Python melurus	1	2	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	3	
	Total Reptiles/ Amphibians		1	2	0	0	0	0	0	0	0	0	0	0	0	1	2	0	3		
	Invertebrate																				
1.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Total Invertebrate		14	29	2	0	10	0	0	0	0	0	0	4	1	14	25	11	50		
	Total Animals		14	29	2	0	10	0	0	0	0	0	0	4	1	14	25	11	50		



Other than Endangered Species

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Sl. No	Animal Name	Scientific Name	Opening Stock as on 01.04.2021			Births			Acquisitions			Disposals			Deaths			Closing Stock as on 31.03.2022					
			M	F	K	M	F	K	M	F	K	M	F	K	M	F	K	M	F	K	Total		
	BIRD																						
1.	Alexandrine Parakeet	Psittaculaeupatria	22	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	27	0	49
2.	Spotted Dove	Streptopelia chinensis	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	4
3.	Budgerigar	Melospittacus undulatus	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	4
4.	Cockatiel	Nymphicus hollandicus	14	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	12	0	26	
	Total Birds		40	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	43	0	83	
	MAMMALS																						
1.	Spotted Deer	Axis axis	60	45	5	0	0	2	1	0	1	0	0	0	0	1	2	0	60	43	8	111	
2.	Barking Deer	Muntiacus muntjac	4	4	5	0	0	2	0	0	0	0	0	0	0	0	0	0	4	4	7	15	
3.	Sambar Deer	Cervus unicolor	6	13	7	0	0	4	0	0	0	0	0	0	0	0	0	0	7	14	9	30	
4.	Wildboar	Sus scrofa	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	
	Total Mammals		71	62	17	0	0	8	1	0	1	0	0	0	1	2	0	72	61	24	157		
	Reptile/Amphibians																						
1.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total Reptiles/ Amphibians		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Invertebrate																						
1.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total Invertebrate		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total Animals		111	105	17	0	0	8	1	0	1	0	0	0	1	2	0	112	104	24	240		
	G.TOTAL		125	134	19	0	0	18	1	0	1	0	0	0	1	6	1	126	129	35	290		

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26. Monthly Live Stock Return of WACC for the month of March - 2022.

Name of the Species	Opening Balance			Rescued during the Month			Born during the Month			Total			Dead/Disposed/Released during the Month			Closing Balance			Total		
	Male	Female	Kid	Male	Female	Kid	Male	Female	Kid	Male	Female	Kid	Male	Female	Kid	Male	Female	Kid			
LEOPARD	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
SLOTH BEAR	2	1	1	0	0	0	0	0	0	2	1	1	0	0	0	2	1	1	1	1	4
CHOUSINGHA	5	12	8	0	0	0	0	0	0	5	12	8	0	0	0	5	12	8	8	8	25
SAMBAR	7	14	8	0	0	0	0	0	1	7	14	9	0	0	0	7	14	9	9	9	30
PEACOCK	2	4	0	0	0	0	0	0	0	2	4	0	0	0	0	2	4	0	0	0	6
PARAKEET	22	27	0	0	0	0	0	0	0	22	27	0	0	0	0	22	27	0	0	0	49
SPOTTED DOVE	2	2	0	0	0	0	0	0	0	2	2	0	0	0	0	2	2	0	0	0	4
FOX	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	1
BARKING DEER	4	4	7	0	0	0	0	0	0	4	4	7	0	0	0	4	4	7	7	7	15
EXOTIC BIRDS	16	14	0	0	0	0	0	0	0	16	14	0	0	0	0	16	14	0	0	0	30
GAINT SQUIRREL	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	1
MONGOOSE	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	1
PYTHON	1	2	0	0	0	0	0	0	0	1	2	0	0	0	0	1	2	0	0	0	3
SPOTTED DEER	60	43	8	0	0	0	0	0	0	60	43	8	0	0	0	60	43	8	8	8	111
MONKEY	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	0	0	0	2
WILDBOAR	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	1
CIVET CAT	1	3	2	0	0	0	0	0	0	1	3	2	0	0	0	1	3	2	2	2	6
TOTAL	126	129	34	0	0	0	0	0	1	126	129	35	0	0	0	126	129	35	35	35	290



26. Monthly Live Stock Return of WACC for the month of March-2022.

Name of the Species	Opening Balance			Rescued during the Month			Born during the Month			Total			Dead/Dispose d/Released during the Month			Closing Balance			Total	
	Male	Female	Kid	Male	Female	Kid	Male	Female	Kid	Male	Female	Kid	Male	Female	Kid	Male	Female	Kid		
LEOPARD	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
SLOTH BEAR	2	1	1	0	0	0	2	1	1	0	0	0	0	0	0	2	1	1	1	4
CHOUSINGHA	5	12	8	0	0	0	5	12	8	0	0	0	0	0	0	5	12	8	8	25
SAMBAR	7	14	8	0	0	0	7	14	9	0	0	0	0	0	0	7	14	9	9	30
PEACOCK	2	4	0	0	0	0	2	4	0	0	0	2	4	0	2	4	0	0	0	6
PARAKEET	22	27	0	0	0	0	22	27	0	0	0	22	27	0	22	27	0	0	0	49
SPOTTED DOVE	2	2	0	0	0	0	2	2	0	0	0	2	2	0	2	2	0	0	0	4
FOX	0	1	0	0	0	0	0	1	0	0	0	0	1	0	0	0	1	0	0	1
BARKING DEER	4	4	7	0	0	0	4	4	7	0	0	4	4	7	4	4	7	7	15	15
EXOTIC BIRDS	16	14	0	0	0	0	16	14	0	0	0	16	14	0	16	14	0	0	0	30
GAINT SQUIRREL	1	0	0	0	0	0	1	0	0	0	0	1	0	0	1	0	0	0	0	1
MONGOOSE	1	0	0	0	0	0	1	0	0	0	0	1	0	0	1	0	0	0	0	1
PYTHON	1	2	0	0	0	0	1	2	0	0	0	1	2	0	1	2	0	0	0	3
SPOTTED DEER	60	43	8	0	0	0	60	43	8	0	0	60	43	8	60	43	8	8	111	111
MONKEY	1	1	0	0	0	0	1	1	0	0	0	1	1	0	1	1	0	0	0	2
WILDBOAR	1	0	0	0	0	0	1	0	0	0	0	1	0	0	1	0	0	0	0	1
CIVET CAT	1	3	2	0	0	0	1	3	2	0	0	1	3	2	1	3	2	2	2	6
TOTAL	126	129	34	0	0	0	126	129	35	0	0	126	129	35	126	129	35	35	290	290

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27. 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
1	Chousingha	Tetracerus quadricornis	F	31.05.2021	Due to Severe Necrotic Pneumonia
2	Chousingha	Tetracerus quadricornis	F	01.06.2021	Due to Severe Pneumonia leading to adhere in chest wall
3	Chousingha	Tetracerus quadricornis	F	03.07.2021	Due to acute bloat.
4	Chousingha	Tetracerus quadricornis	K	16.07.2021	Due to Pneumonia.
5	Indian Grey Mongoose	HerpestesEdwardsii	F	28.08.2021	Due to inappetence systemic tumours in ovary adhered to abdominal wall.
6	Soptted Deer	Axis axis	M	14.11.2021	Due to tubular pneumonia.
7	Soptted Deer	Axis axis	F	20.12.2021	Due to shock the taxomia and failure to deliver the dead fetus resulting from the breach presentation of the Calf.
8	Soptted Deer	Axis axis	F	15.01.2022	Due to pneumonia.



Sl. No	Norm No. under RZR, 2009	Condition Stipulated	Time Period to Comply	Since when pending	Remarks	Status with regard to compliance as noted physically by the evaluator during the visit
1. General Requirements						
1	1.6	The provision of the separate entry & exit to the residential colony inside zoo should be made.	One year	One Years Six Months	The Residential colony located inside the Zoo has already relocated to outside.	
2	1.9	Ducks and Rabbits should be immediately removed from the Zoo.	Immediately	Two Years Six Months	4 nos. of Ducks (Swan) have already been removed from the Zoo. No Rabbits are there in the Zoo.	
2. Administrative and Staffing Pattern						
3	2.1	The zoo should have whole time officer-in-charge with adequate administrative and financial powers.	Immediately	Already Present	One Range Officer has already been given the charge of Zoo management with adequate administrative and financial power. This Range Officer has not given any charge other than management of the zoo.	
	2.2	Veterinarian, Curator, Education Officer & Biologist should be employed as per Rules for the Zoo.	Immediately	For Approval	The Principal Chief Conservator of Forests(Wildlife) and Chief Wildlife Warden, Odisha, Bhubaneswar have been requested to take necessary steps for posting of one VAS as there is one sanctioned post of VAS lying vacant at WACC, Sambalpur. Further, he has also been requested to create sanctioned post for Curator, Education Officer, Biologist in WACC, Sambalpur which is intimated vide this office Memo No.1781 dt.26.05.2018 and No.1492dt.15.05.2019.	



3. Developments and Planning

4	3.1	Zoo should get the Master Plan approved by the Central Zoo Authority.	Six month	Submitted	The Master Plan of Zoo has already been prepared for the Zoo and submitted to Central Zoo Authority for approval vide this office Memo No. 2915 dt.28.09.2016. The same has returned by Central Zoo Authority with some observations. The compliance has been submitted vide this office letter No.2277 dt.18.07.2019 to PCCF(Wildlife) & also the PCCF(Wildlife),Odisha has submitted Master Plan to Member secretary vide Memo No. 8055dt.29.09.2019 by .
5	3.4	Animal collection plan should be prepared and be submitted along with the Master Plan for approval of the CZA.	Six month	Submitted	The Animal collection plan has prepared and will be submitted along with Master Plan of the zoo, for approved.

4. Animal Housing, display of animals & animal enclosures

6	4.5	The area & design of Sloth bears enclosure near small mammal & primate enclosures should be improved as per CZA guidelines.	One year	Two years Four months	Sloth Bear has been shifted to the new enclosure. Rhesus Macaque has also been shifted to new enclosure. Enclosure of Mongoose, Giant Squirrel and Civet cat have been given some natural enrichment. In the new Master plan, new enclosures for those animals have proposed to be built as per guidelines of Central Zoo Authority.
7	4.6	The enclosure especially of birds should be enriched by planting bushes inside the enclosure.	Three month	Two years Four months	Measures have already been taken to plant bushes inside bird enclosures.
8	4.7	Adequate screenings should be done particularly in between Sambar deer & Wild pig enclosure.	Three month	Six months	The adequate screenings have already been done between Sambar Deer and Wild pig enclosures.
9	4.9	Hedge should be planted where missing especially in small mammals & python enclosures.	Three month	Six months	Hedge planting have already been done within small mammals and python enclosures.
10	4.10	Bilingual signage's should be developed with one language being local language and including information pertaining to biology and behaviour of species and species distribution map.	Three month	One year Six month	Bilingual signage's has already been provided with information pertaining to biology and behaviour of species and species distribution map, near all enclosures.



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5. Upkeep and healthcare of animals.

10	5.1 (g)	Footbaths should be made in each enclosure.	Three month	Six months	The Footbaths have already been provided in each enclosure.
11	5.3 (3)	Written schedule for deforming should be displayed at every enclosure.	Immediately	Six months	Written should for deforming have already been displayed in every enclosure.
12	5.3 (6)	Staff should be screened against zoonotic diseases once every year & record should be maintained.	One year	Three months	Screening of staff against zoonotic disease is being done every year & record is being maintained.

6. Veterinary and Infrastructure facilities.

13	6.1(a&b)	Zoo should develop full fledged veterinary unit.	Provision should be included in master plan & develop soon after its approval.	Mentioned in Master Plan.	Presently a small veterinary unit with necessary instruments and medicines is there in the zoo. Separate post-mortem unit is also there. Provision will be made in the Master Plan of the Zoo to have as full fledged Veterinary unit.
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7. Acquisition and breeding of animals.

14	9.1	One Giant squirrel and mongoose housed singly should be paired or shifted to other recognised zoo.	Six month	One year Six months	The mongoose has already paired and attempts are under progress to pair the single Giant squirrel in the in the Zoo.
15	9.9(b)	Population control measures should be carried out for prolific breeding species especially in Spotted deer & four horned antelope.	Immediately	Measure Taken for Population Control by release in nature.	Population control measures are being practiced in case of Spotted Deer and Four horn Antelope.
16	9.10	Disaster management plan should be included in master plan.	Immediately	Mentioned in Master Plan	The Disaster management plan will be included in the Master Plan of Zoo.

8. Education and Outreach Activities.

17	11.1	Zoo should take up the educational activities to the visitors.	Immediately	One year	The Educational activities to school/collage students have already been started.
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9. Visitors facilities

19	12.1&3	Ramps should be constructed for Divyang visitors and arrangements of wheel chair should be made.	Immediately	Six months	Ramps have already constructed and wheel chairs have also been made available in the premises of zoo for facilitating the visitors.
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30.-List of free living wild animals within the zoo premises

- a. Mammals : - Bat &Mangoose found inside zoo area.
- b. Birds :- Variety of birds found inside zoo area like Egret,Heron,Kites,Owl,Oriole,Dove,Crow,Maina.
- c. Reptiles :- Snakes like Russell Vipers, Dhamana, Cobra, & reptile like Chameleón
- d. Amphibians: -Frogs are found inside Zoo premises.

Divisional Forest Officer
Hirakud Wildlife Division
Sambalpur



30.-List of free living wild animals within the zoo premises

- a. Mammals : - Bat & Mongoose found inside zoo area.
- b. Birds :- Variety of birds found inside zoo area like Egret, Heron, Kites, Owl, Oriole, Dove, Crow, Maina.
- c. Reptiles :- Snakes like Russell Vipers, Dhamana, Cobra, & reptile like Chameleon
- d. Amphibians: -Frogs are found inside Zoo premises.

Divisional Forest Officer
Hirakud Wildlife Division
Sambalpur

