



**OFFICE OF THE DIVISIONAL FOREST OFFICER, HIRAKUD WILDLIFE  
DIVISION, MOTIJHARAN, SAMBALPUR, ODISHA, PIN:768001**

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Letter No. 1398

/ 3F/219/2018-19 Dated. 20/04/2020

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 Zoos to the Central Zoo Authority for  
the year 2018-19.

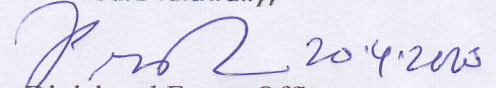
Ref:- Your office e-mail on dt.07.04.2020.

Respected Sir,

With reference to the above cited captioned subject, I am enclosing herewith  
the Annual Report of Wild Animal Conservation Centre (WACC) .Motijharan, Sambalpur  
for the year 2018-19 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. 1399

Dt. 20/04/2020


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

  
Divisional Forest Officer,  
Hirakud Wildlife Division  
Sambalpur

Memo No. 1400

Dt. 20/04/2020

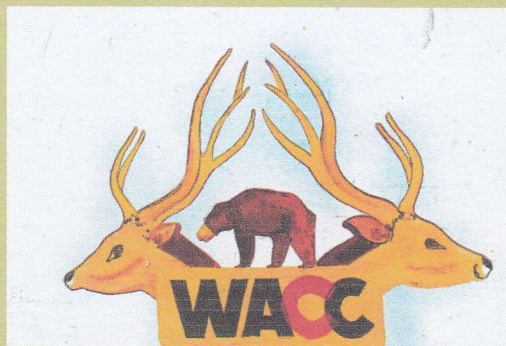
Copy forwarded to the Conservator of Forests, O/o the Regional Chief  
Conservator of Forests, Sambalpur for favour of kind information & necessary action.

  
Divisional Forest Officer,  
Hirakud Wildlife Division  
Sambalpur

# Wild Animal Conservation Centre, Motijharan, Sambalpur



## Annual Report for the year 2018-19

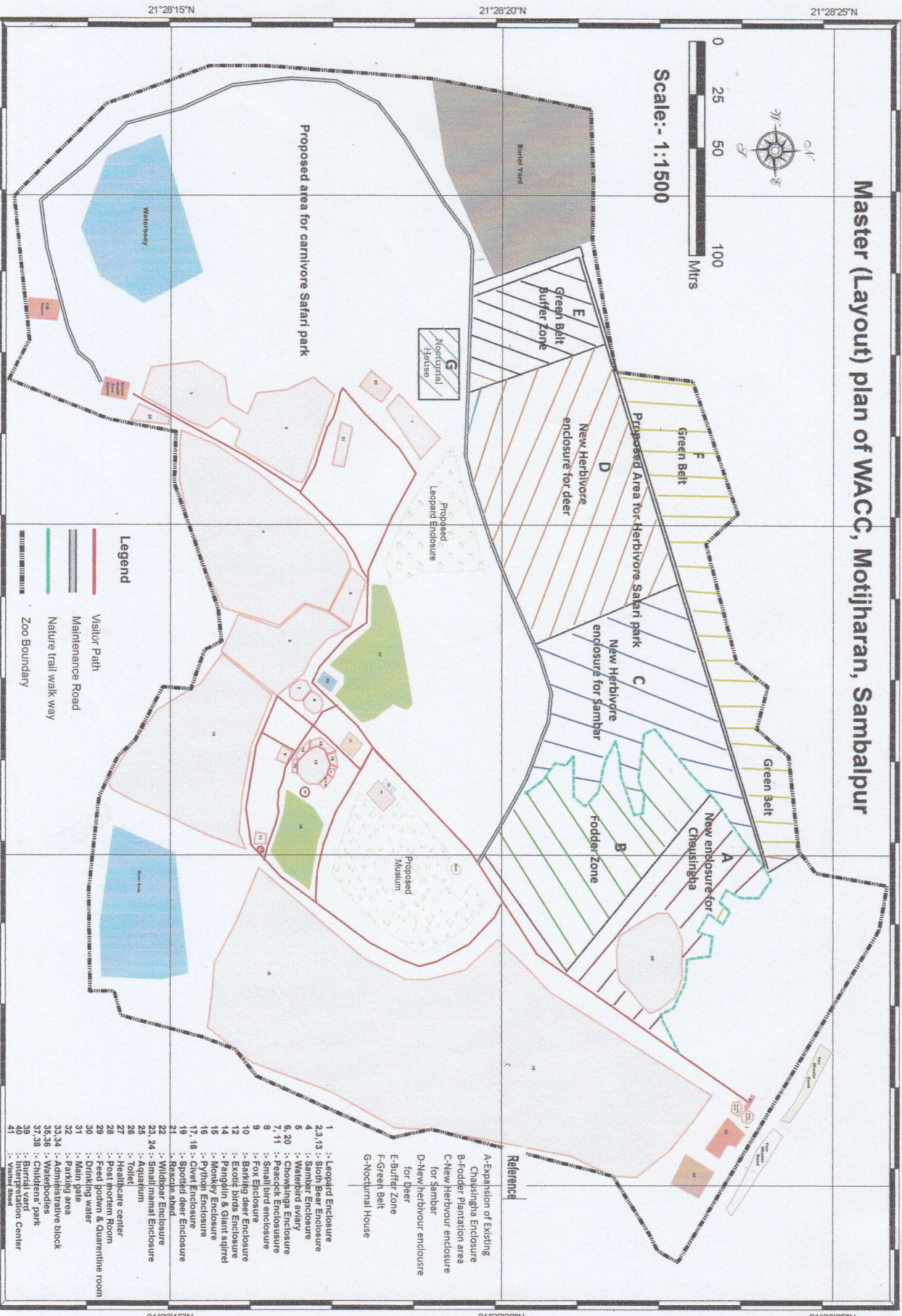
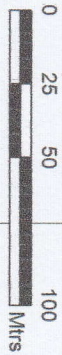


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# Master (Layout) plan of WACC, Motilharan, Sambalpur

Scale:- 1:1500



### Legend

- Visitor Path
- Maintenance Road
- Nature trail walk way
- Zoo Boundary

### Reference

- A-Expansion of Existing Chausingha Enclosure
- B-Fodder Plantation area for Sambar
- C-New Herbivore enclosure for Sambar
- D-New herbivore enclosure for Deer
- E-Buffer Zone
- F-Green Belt
- G-Nocturnal House

- 1 :: Leopard Enclosure
- 2,3,13 :: Sloth Bear Enclosure
- 4 :: Sambar Enclosure
- 5 :: Waterford aviary
- 6,20 :: Chausingha Enclosure
- 7,11 :: Serock Enclosure
- 9 :: Fox Enclosure
- 10 :: Barking deer Enclosure
- 12 :: Exotic birds Enclosure
- 14 :: Pangolin & Giant squirrel
- 15 :: Monkey Enclosure
- 16 :: Python Enclosure
- 17, 18 :: Giver Enclosure
- 19 :: Spotted deer Enclosure
- 21 :: Sealipon enclosure
- 22 :: Whistling Enclosure
- 23, 24 :: Small/mammal Enclosure
- 25 :: Aquarium
- 26 :: Toilet
- 27 :: Healthcare center
- 28 :: Post mortem Room
- 29 :: Feed godown & Quarantine room
- 30 :: Drinking water
- 31 :: Main gate
- 32 :: Siting area
- 33,34 :: Animal block
- 35,36 :: Waterpools
- 37,38 :: Childrens' park
- 39 :: Burial yard
- 40 :: Interpretation Center
- 41 :: Veterinary

1. **Report of the Officer-in-charge:-** Divisional Forest Officer, Hiraakud Wildlife Division, Sambalpur

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. At the inception of the Deer Park, the animals placed at display were 69 numbers of mammals, 3 birds and 1 reptile. 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. In the year 2006 in order to recognize of the efforts for conservation and rehabilitation of 4 bear cubs seized in a wild life case, 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 by CZA vide CZA F No.19-3/93-CZA(201)(BKG/2679/2016) dated 23.09.2016 valid upto 23.08.2019. Thus, it is the second largest Govt. owned ex-situ conservation facility in Odisha exhibiting maximum number of species, after Nandankanan Biological Park.

3. **Vision: -** The vision of Wild Animal Conservation Centre, Motijharan, Sambalpur is
- I. To Supplement in-situ conservation in Western Odisha Forests through viable ex-situ conservation measures.
  - II. Promotion of awareness among the public on conservation of wild animals, wildlife education research on conservation breeding.

4. **Mission:-** To maintain proper ex-situ conservation facilities in order to ensure rescue and rehabilitation of wildlife..

5. **Objective**

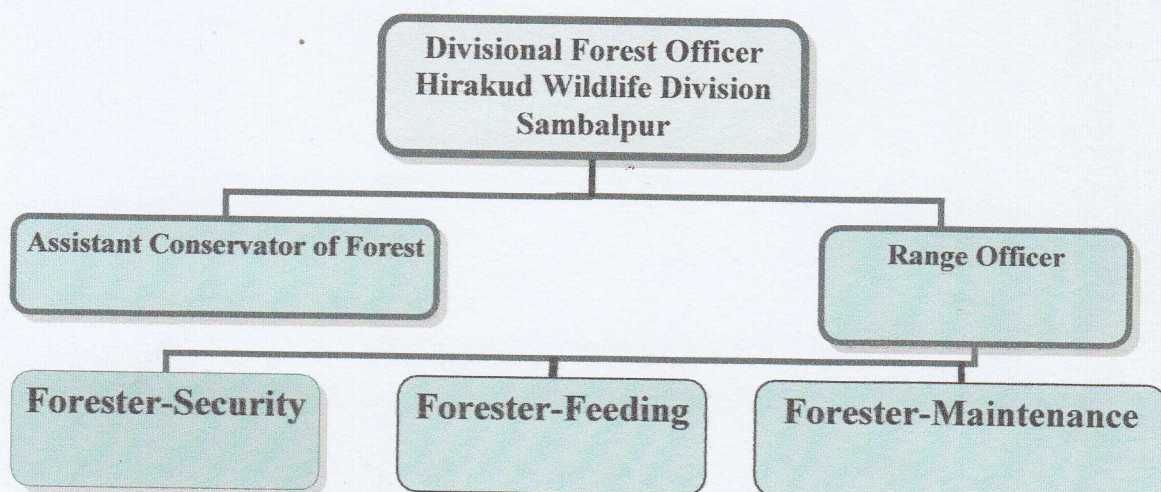
- Captive breeding of rare and endanger species, specially those of Western Odisha region.
- Creation of Public awareness on Wildlife Conservation, especially ex-situ conservation.
- Rescue and rehabilitation of Wild Animals and birds rescued from captivity.

6. **About us**

S.No.	Particulars	Information
<b>Basic Information about the Zoo</b>		
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	+91-94383-85769
6	Fax Number	NIL
7	E-mail address	wacc86.hirakud@gmail.com
8	Website	NIL
9	Distance from nearest	Airport:- 60 KM
		Railway Station:- 3 KM
		Bus Stand:- 3KM
10	Recognition Valid upto (Date)	23.08.2019
11	Category of zoo	Small Zoo
12	Area (in Hectares)	13.16 Ha.
13	Number of Visitors (Financial Year)	Adult :- 5 year above-141458 nos upto March-2019.
		Children :- NIL
		Total Indian :- 141458 nos.
		Total Foreigners :- NIL
		Total Visitors:- 141458 nos.
14	Visitors' Facilities Available in Zoo	<ol style="list-style-type: none"> <li>3nos of Mini Children Park with playing instruments for children.</li> <li>Mini artificial Water fall.</li> <li>Hill Track (1/2 km)</li> <li>Sit out area</li> <li>Garden</li> <li>Visitors Shed</li> <li>Cool Aqua-guard drinking water</li> <li>Toilet Room (Gents/Ladies)</li> </ol>

S.No.	Particulars	Information
		9. 2nos of Kiosk 10. Parking area 11. Wheel Chair for physically handicapped person. 12. Mini Aquarium 13. First Aid Measure
15	Weekly Closure Day of the Zoo	<b>Every Monday</b>
<b>Management Personnel of the zoo</b>		
16	Name with designation of the Officer in-charge	<b>Sri Aswini Kumar Padhi, Range Officer.</b>
	Name of the Veterinary Officer	<b>NIL</b>
	Name of the Curator	<b>NIL</b>
	Name of the Biologist	<b>NIL</b>
	Name of the Education Officer	<b>NIL</b>
	Name of the Compounder/ Lab Assistant	<b>NIL</b>
<b>Owner / Operator of the Zoo</b>		
17	*Name of the Operator	<b>Divisional Forest Officer, Hirakud Wildlife Division, Sambalpur</b>
18	Address of the Operator	<b>At- Deer Park, Motijharan Po/Dist.- Sambalpur, PIN-768001</b>
19	Contact details/Phone number of Operator	<b>94379-60604</b>
20	E-mail address of Operator	<b>dfohirakudwl.od@gov.in</b>

## 7. Organizational Chart



## 8. Human Resources

### Manpower of the Zoo\*

Sl.No.	Designation	Number of Sanctioned Posts	Names of the incumbent
1	Forest Ranger	1	Sri Aswini Kumar Padhi
2	Forester	2	1.Sri Goutam Balua 2.Sri Bikramaditya Behera
3	Forest Guard	3	1. Sri Pradeep Ku. Dhal 2.Smt. Pratima Pradhan 3. Miss Khirabdhhi Seth
4	Animal Keeper	2	1.Sri Gokula Sandha (TS) 2. Sri Sushanta Ku.Dhulia

## 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 Sushanta Ku.Dhulia, Animal Keeper	CZA Mission 2030	20.03.2018 to 25.03.2018	Nandankanan Biological 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 during the year- 2018-19

SI No.	Particulars	Amount	Expenditure
1	Zoo Entry-Ticket	Rs. 14,14,580.00	Deposited in Corpus Fund.
2	Parking Fees	Rs. 15,600.00	-do-
3	Kiosk (2nos)	Rs. 21,576.00	-do-

## 13. Daily feed Schedule of animals

Sl.No.	Species	Feed item	Quantity		Day of fasting
			Winter	Summer	
1	Spotted Deer (101nos)	Kulthi 20.5%	0.205 Kg	0.205Kg	
		Chokar 23%	0.23 Kg	0.23Kg	
		Maka 25.50%	0.255 Kg	0.255Kg	
		Kunda 23%	0.23 Kg	0.23Kg	
		B.Cake 5.50%	0.055 Kg	0.055Kg	
		Salt 1.25%	0.0125 Kg	0.0125Kg	
		Vitamin & Mineral 1.25%	0.0125 Kg	0.0125Kg	
		Grass	3kg	3kg	
	Fodder	1kg	1kg		
2	Sambar (18nos)	Kulthi 20.5%	0.41Kg	0.41Kg	
		Chokar 23%	0.46Kg	0.46Kg	
		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	
3	Barking Deer (11nos)	Kulthi 20.5%	0.1025Kg	0.1025Kg	
		Chokar 23%	0.115Kg	0.115Kg	
		Maka 25.50%	0.1275Kg	0.1275Kg	
		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		
4	Chousingha (25nos)	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	
		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	43.10 gm	43.10gm	
			Vegetable	69gm	
5	Wild-Boar (2nos)	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	
		Rice	500gm	500gm	
			Biri Dal	8gm	
6	Sloth Bear (4nos)	Omfed Milk	2pkt	2pkt	
		Rice	0.5Kg	0.5Kg	
		Biri Dal	37.5gm	37.5gm	
		Honey	20gm	20gm	
		Sugar-Cane/Guda	58.7gm	58.7gm	
		Seasonal Fruits	0.5Kg	0.5Kg	

7	Leopard (1no)	Chicken/Mutton	1Kg	1Kg
8	Python (3nos)	Live Hen	1Kg	1Kg
9	Civet-Cat (4nos)	Omfed Milk	0.33pkt	0.33pkt
		Rice	50gm	50gm
		Banana	3pcs	3pcs
		Chicken	75gm	75gm
10	Fox (1no)	Rice	100gm	100gm
		Chicken	100gm	100gm
11	Pea-fowl (5nos)	Grain, Wheat etc.	500gm	500gm
		Green-Leaf	250gm	250gm
12	Monkey (2nos)	Apple	200gm	200gm
		Banana	6pcs	6pcs
		Vegetable	350gm	350gm
		Grain	50gm	50gm
13	Parakeet/Dove (52nos)	Banana	0.11pcs	0.11pcs
		Apple	0.00192Kg	0.00192Kg
		Grain	0.00384Kg	0.00384Kg
14	Exotic Birds (30nos)	Poultry Feed	0.0222gm	0.0222gm
15	Giant Squirrel (1no)	Vegetable	300gm	300gm
16	Mongoose (2nos)	Chicken	50gm	50gm
		Rice	50gm	50gm

#### 14. Vaccination Schedule of animals

Sl.No.	Species	Disease vaccinated for	Name of the Vaccine and dosage/ quantity used	Periodicity	Remarks
1	Chousingha	Haemorrhagic Septicaemia, FMD	HS Vaccine, 5ml Subsequently, FMD Vaccine	1 <sup>st</sup> Week of February & 3 <sup>rd</sup> Week of March of every year	

#### 15. De-worming Schedule of animals

Sl.No.	Species	Drug used	Month
1	For All Species	Faecal sample examination medicines are provided as per worm load with diseases as per advice of VAS.	1 <sup>st</sup> 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.	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
6	Exotic Birds	Housed Enclosure (Aviary)	Sand filling of surface area and taking out the waste materials and filling new sand	Once a year
7	All Species	All Enclosure	Lining colouring & Painting inside & outside wall surface of the enclosure followed by painting the grills & gate	Once a year
8	All ungulates species	All enclosure	Lining the surface of enclosures after separating the animals	Twice in a year
9	All species	All enclosure	Cleaning & washing the feeding & water	Once in a day

			container, floor, cages with potassium permanganate solution, Phenyl applying to outside drain & corridor of each enclosure	
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

Every year the Health Check-up of Zoo Workers are done.

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

#### GENERAL

- Construction of Sambar Shed
- Construction of Cycle Stand

#### CAMPA

- Stone Wall Plastering
- Laying of Paver-Block in front of Chousingha encl.
- Construction of Animal Keeper Block – II
- Digging of Bore-well
- Construction of Forest-Guard Quarter
- Construction of Range Officer Residence
- Construction of New Sambar Enclosure
- Shed inside New Sambar Enclosure
- Feeding Chamber at Sloth Bear Enclosure
- Water-Tank inside Bear Enclosure
- Installation of VHF Station
- Railing in front of New Sambar Enclosure
- Water-Tank inside New Sambar Enclosure
- Colouring of Zoo Enclosure Wall
- Installation of C.C TV Camera
- Printing of Zoo Entry-Ticket
- Spreading of Straw
- Creation of Fireline

**19. Education and Awareness programmes during the year**

- i. Celebration of Wildlife Week

**20. Important Events and happenings-**

- i. Celebration of WACC establishment day i.e. 7<sup>th</sup> June every year.
- ii. Celebration of 26<sup>th</sup> January, 15<sup>th</sup> 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 providing warmness inside all enclosure.
- Straw spreading & 200watt bulbs provided for warmness inside Python Enclosure.
- Green agro Net cover by all opened house enclosure for upkeep during winter & 200watt bulbs provided for warmness inside 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.

**22. Research Work carried out and publications:**

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

**23. Conservation Breeding Programme of the Zoo - Conservation breeding programme of the zoo - Nil****24. Animal acquisition / transfer / exchange during the year**

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

**25. 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	26.09.2018	Chousingha (K)	Ghensa Range Bargarh Division	Memo No.3234 dt.09.10.18	Died on dt.28.09.18	-
2	10.01.2019	Spotted Deer (M)	Subarnapur Division	Memo No.471 Dt.22.2.19	-	Its original habitat which is 125 kms away
3	20.01.2019	Chousingha (K)	Rairakhol Division	Memo No.471 dt.22.2.19	Died on dt.21.01.19	-

**26. Annual Inventory of animals****Inventory Report for the Year: 2018-19****Endangered Species**

Sl no	Name of the species	Scientific name	Opening Stock as on 01.04.18			Births			Aquisition/ Rescued			Disposal / Released			Death			Closing balance as on 31.03.19			Total
			M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	
	Birds																				
1	Pea fowl	Pavo cristatus	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0	5
	<b>Total Birds</b>		1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0	5
	Mammals																				
1	Leopard	Panthera paradus	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	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	4
3	Rhesus Monkey	Macaca mulatta	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2
4	Fox	Vulpes bengalensis	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
5	Civet cat	Paradoxurus hermaphroditus	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	4
6	Chausingha	Tetracerus quadricornis	5	22	5	0	0	0	0	0	2	0	0	0	2	5	2	7	18	0	25
7	Gaint Squirrel	Ratufa Indica	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1
8	Mongoose	Herpestidae	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0	2
	<b>Total Mammals</b>		9	29	6	0	0	0	2	1	2	0	0	0	2	5	2	13	26	1	40
	Reptiles																				
1	Indian Rock Python	Python melurus	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	3
	<b>Total Reptiles</b>		1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	3
	<b>Total Animals</b>		11	35	6	0	0	0	2	1	2	0	0	0	2	5	2	15	32	1	48

**Other than Endangered Species**

Sl no	Name of the species	Scientific name	Opening Stock as on 01.04.18			Births			Aquisition/Rescued			Disposal/Released			Death			Closing balance as on 31.03.19			Total	
			M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U		
	Birds																					
1	Parakeet	Psittacula eupatria Psittacula crameri	17	20	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48
2	Spotted Dove	Streptopelia chinensis	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
3	Duck /Swan	Ancser albifrons	3	2	0	0	0	0	0	0	0	0	0	0	1	0	0	2	2	0	0	4
4	Exotic Birds		16	14	0	0	0	0	0	0	0	0	0	0	0	0	0	16	14	0	0	30
	<b>Total Birds</b>		38	38	11	0	0	0	0	0	0	0	0	0	1	0	0	37	38	11	0	86
	Mammals																					
1	Spotted Deer	Axis axis	58	42	1	0	0	0	1	0	0	0	0	0	0	1	0	59	41	1	0	101
2	Barking Deer	Muntiacus muntjac	4	4	2	0	0	1	0	0	0	0	0	0	0	0	0	4	4	3	0	11
3	Sambar	Cervus unicolor	1	6	4	0	0	7	0	0	0	0	0	0	0	0	0	3	7	8	0	18
4	Wild boar	Sus scrofa	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
	<b>Total Mammals</b>		65	52	7	0	0	8	1	0	0	0	0	0	1	0	68	52	12	0	0	132
	<b>Total Animals</b>		103	90	18	0	0	8	1	0	0	0	0	1	1	0	105	90	23	0	0	218

**27. Monthly Live Stock Return of WACC for the month of March-2019.**

Name of the Species	Opening Balance			Rescued during the Month			Born during the Month			Total			Dead/Dispos ed/Release d 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	1	0	0	0	0	0	1	0	0	1
SPOTTED DEER	59	41	1	0	0	0	0	0	0	59	41	1	0	0	0	59	41	1	0	101
BARKING DEER	4	4	3	0	0	0	0	0	0	4	4	3	0	0	0	4	4	3	0	11
SAMBAR	3	7	8	0	0	0	0	0	0	3	7	8	0	0	0	3	7	8	0	18
CHOUSINGHA	7	18	0	0	0	0	0	0	0	7	18	0	0	0	0	7	18	0	0	25
FOX	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	1
SLOTH BEAR	2	2	0	0	0	0	0	0	0	2	2	0	0	0	0	2	2	0	0	4
MONKEY	1	0	1	0	0	0	0	0	0	1	0	1	0	0	0	1	0	1	0	2
WILDBOAR	2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	0	0	0	2
CIVET CAT	1	3	0	0	0	0	0	0	0	1	3	0	0	0	0	1	3	0	0	4
PYTHON	1	2	0	0	0	0	0	0	0	1	2	0	0	0	0	1	2	0	0	3

PEACOCK	1	4	0	0	0	0	0	0	0	1	4	0	0	0	0	1	4	0	5
PARAKEET	17	20	11	0	0	0	0	0	0	17	20	11	0	0	0	17	20	11	48
SPOTTED DOVE	2	2	0	0	0	0	0	0	0	2	2	0	0	0	0	2	2	0	4
DUCK/SWAN	2	2	0	0	0	0	0	0	0	2	2	0	0	0	0	2	2	0	4
EXOTIC BIRDS	16	14	0	0	0	0	0	0	0	16	14	0	0	0	0	16	14	0	30
GAINT SQUIRREL	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	1
MONGOOSE	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	0	2
<b>TOTAL</b>	<b>120</b>	<b>122</b>	<b>24</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>120</b>	<b>122</b>	<b>27</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>120</b>	<b>122</b>	<b>24</b>	<b>266</b>

## 28. 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	Duck	Ancser albifrons	M	02.06.2018	Due to Respiratory Failure
2	Spotted Deer	Axis axis	F	21.09.2018	Due to Hepatic dysfunction
3	Chousingha	Tetracerus quadricornis	F	15.05.2018	Due to Irritation associated with Sarility.
4	Chousingha	Tetracerus quadricornis	F	26.06.2018	Due to Septicaemia
5	Chousingha	Tetracerus quadricornis	M	29.06.2018	Due to Toxemia as a consequence of Septicaemia.
6	Chousingha	Tetracerus quadricornis	F	29.07.2018	Due to Septicaemia
7	Chousingha	Tetracerus quadricornis	K	28.09.2018	Due to Respiratory Failure as a consequence of Pricoronia
8	Chousingha	Tetracerus quadricornis	F	03.11.2018	Due to Plenrophemane
9	Chousingha	Tetracerus quadricornis	M	23.12.2018	Due to Septicaemia
10	Chousingha	Tetracerus quadricornis	F	18.01.2019	Due to Tuberculosis
11	Chousingha	Tetracerus quadricornis	K	21.01.2019	Due to shock and separation from its dame & cold wave

## 29-Compliance with conditions stipulated by the Central Zoo Authority

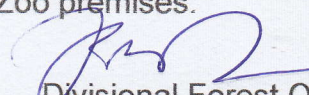
Sr. No	Norm No. under RZR, 2009	Condition Stipulated	Status with regard to compliance of the conditions as submitted by the Officer-in-charge of the Zoo
<b>1. General Requirements</b>			
1	1.6	The provision of the separate entry & exit to the residential colony inside zoo should be made.	The Residential colony located inside the Zoo has already relocated to outside.
2	1.9	Ducks and Rabbits should be immediately removed from the Zoo.	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.	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.	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 .wgich is intimated vide this office memo no.1781 Dt. 26.05.2018.
3. Developments and Planning			
4	3.1	Zoo should get the Master Plan approved by the Central Zoo Authority.	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.
5	3.2	Animal collection plan should be prepared and be submitted along with the Master Plan for approval of the CZA.	The Animal collection plan has prepared and will be submitted along with Master Plan of the zoo, for approval.
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.	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 has 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.	Measures have already been taken to plant bushes inside bird enclosures. Croton and other variety of plants has already been planted inside the enclosures
8	4.7	Adequate screenings should be done particularly in between Sambar deer & Wild pig enclosure.	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.	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.	Bilingual signage's has already been provided with information pertaining to biology and behaviour of species and species distribution map, near all enclosures.

<b>Upkeep and healthcare of animals.</b>			
10	5.1 (g)	Footbaths should be made in each enclosure.	The Footbaths have already been provided in each enclosure with provision of K2Mn4 solution.
11	5.3 (3)	Written schedule for deworming should be displayed at every enclosure.	Written scheduled for deworming 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.	Screening of staff against zoonotic disease is being done every year & record is being maintained.
<b>5. Veterinary and Infrastructure facilities.</b>			
13	6.1(a &b)	Provision should be included in master plan & develop soon after its approval.	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.
<b>9. Acquisition and breeding of animals.</b>			
14	9.1	One Giant squirrel and mongoose housed singly should be paired or shifted to other recognised zoo.	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.	Population control measures are being practiced in case of Spotted Deer and Four horn Antelope by isolation method.
16	9.10	Disaster management plan should be included in master plan.	The Disaster management plan will be included in the Master Plan of Zoo.
<b>11. Education and Outreach Activities.</b>			
17	11.1	Zoo should take up the educational activities to the visitors.	The Educational activities to school/collage students have already been started.
<b>12. Visitors facilities</b>			
19	12.1 &3	Ramps should be constructed for Divyang visitors and arrangements of wheel chair should be made.	Ramps have already constructed and wheel chairs have also been made available in the premises of zoo for facilitating the visitors.

### 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.

  
 20.4.2020  
 Divisional Forest Officer  
 Hirakud Wildlife Division  
 Sambalpur