

Birsa Mrig Vihar, Kalamati

Annual Report for the year
2022-23

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1. **Report of the Officer-in-charge**

Birsa Mrig Vihar, Kalamati was established in 1982. This is the only Zoo situated at the Khunti District of Jharkhand. Main aim of the zoo is to creating awareness ex- situ conservation of the wildlife which is most important during the day to-day conditions.

2. **History of the Zoo**

Birsa Mrig Vihar, Kalamati was created by Govt. of Bihar vide sanctioned order No. 52 dated 02-01-1982 at an initial cost of Rs. 13.775 lakhs under the Tribal Area Sub Plan of the Department of Forest and Environment.

Birsa Mrig Vihar, Kalamati was inaugurated by the then Hon'ble Forest Minister Sri. Bhukla Bhagat on 05-03-1987.

Birsa Mrig Vihar, Kalamati has been recognized as "Mini Zoo" by CZA in the year 2009 vide its letter no F. No 19-131/93-CZA(51)(M)-dated 19.05.2009.

3. **Vision**

- a. Ensuring the welfare of natural resources through conservation of biodiversity.
- b. The park is to provide a glimpse of wild animals to the general public for developing a healthy relationship between animal and human beings.
- c. To promote conservation of our invaluable faunal resources through display, care and awareness. It is committed towards protection and conservation of species and strives for a peaceful co-existence to development and conservation.
- d. To provide protection and management for Spotted deer and Sambar in the surrounding forest in a natural habitat.
- e. To create awareness among public, Students on Wildlife and its habitat.

4. **Mission**

Recouping and maintaining gene pool and biological diversity of other vulnerable population of Chital and Sambar in the state.

5. **Objective**

Birsa Mrig Vihar, Kalamati focus on wildlife collection, resource inventory, capacity building, education, research, extension and human resource development.

6. About us

S.No.	Particulars	Information
Basic Information about the Zoo		
1	Name of the Zoo	Birsa Mrig Vihar, Kalamati
2	Year of Establishment	1982
3	Address of the Zoo	Birsa Mrig Vihar, Kalamati Khunti,
4	State	Jharkhand.
5	Telephone Number	0651-2480948
6	Fax Number	—
7	E-mail address	bmvkalamati@gmail.com
8	Website	
9	Distance from nearest	Airport: 19.9 KM
		Railway Station: 22.5 KM
		Bus Stand: 19.00 KM
10	Recognition Valid upto (Date)	For the period beyond 29.12.2024
11	Category of zoo	Mini Zoo
12	Area (in Hectares)	23.57 hectares
13	Number of Visitors (Financial Year 2022-23)	Adult : 33980
		Children : 2785

S.No.	Particulars	Information
		Total Indian : 36765
		Total Foreigners : Nil
		Total Visitors: 36765
14	Visitors' Facilities Available in Zoo	<ul style="list-style-type: none"> ❖ Resting sheds for visitors ❖ Benches ❖ Watch-towers ❖ Bridges & Pathways ❖ Toilets ❖ Drinking Water Facility ❖ Parking Facility for two wheeler & four wheeler ❖ Canteen ❖ Children's Park ❖ Tourist shed ❖ Nature Interpretation Centre ❖ Amphitheatre ❖ Garden cum Lawn ❖ RCC Bridge
15	Weekly Closure Day of the Zoo	Thursday
Management Personnel of the zoo		
16	Name with designation of the Officer in-charge	Sri Rajendra Prasad, Range Forest Officer.
	Name of the Veterinary Officer	Dr. Piyush Kumar, Ranchi Veterinary College, Kanke and Dr. Manoj Manjhi, Adarsh Gram Officer, Khunti
	Name of the Curator	—
	Name of the Biologist	—

S.No.	Particulars	Information
	Name of the Education Officer	—
	Name of the Compounder/ Lab Assistant	—
Owner / Operator of the Zoo		
17	*Name of the Operator	Addl. Chief Secretary, Dept. of Forest Environment & Climate Change, Jharkhand Ranchi
18	Address of the Operator	Secretariat, Nepal House, Doranda, Ranchi Jharkhand PIN Code- 834002
19	Contact details/Phone number of Operator	0651-2491669
20	E-mail address of Operator	prsecyfdjharkhand@rediffmail.com

* Rule 2(m) of the Recognition of Zoo Rules, 2009.

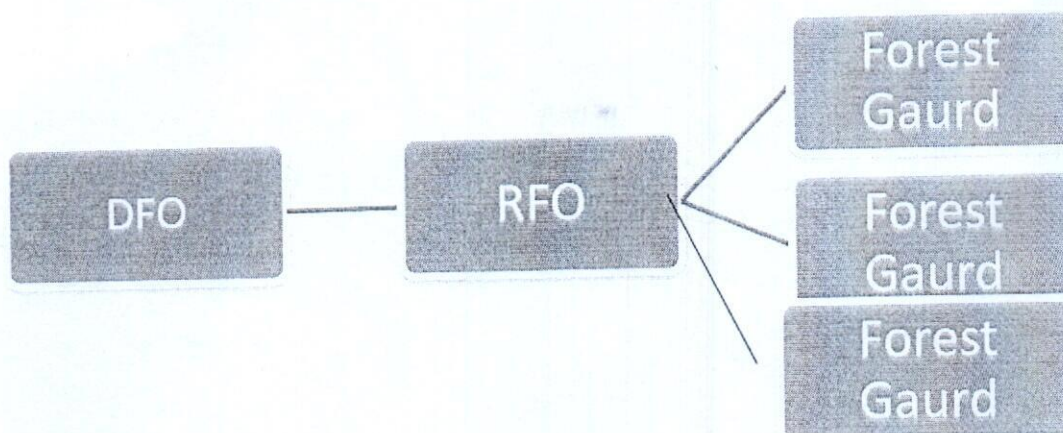
"Zoo Operator" means the person who has ultimate control over the affairs of the zoos provided that _____

I. in the case of a firm or other association of individuals, any one of the individual partners or members thereof; or

II. in the case of a company, any director, manager, secretary or other officer, who is in-charge of and responsible to the company for the affairs of the zoo; or

III. In case of zoo owned or controlled by the Central Government or any State Government or Union Territory Administration or any Trust or Society funded by the Central Government or a State Government or a Union Territory Administration, the Secretary of the concerned Department of that Government, or as the case may be the Union Territory Administration, shall be deemed to be the Zoo Operator.

7. Organizational Chart



8. Human Resources

Manpower of the Zoo*

Sl.No.	Designation	Number of Sanctioned Posts	In position	Names of the incumbent
1	Range Forest Officer(Zoo Manager)	1	1	Shri Rajendra Prasad
2	Forester	1	0	
3	Forest Guard	4	1	1. Joyti Babita Tirkey
4	Chowkidar	1	0	
5	Animal keeper	1	7	Sri. Birendra Oraon, Sri Komal Lohara, Sri Budhram Trikey, Sri. Anil Ram, Sri Samel Toppo, Sri Patras Munda, Sri Chandru Ghasi
6	Night guard.	0	2	Anil Pandey, Hemant Mishra
7	Sweeper	0	1	Smt. Sita Tirkey, Smt. Jenat Sanga, Smt.Mangi Pahan, Smt.Maya Devi, Lalo Devi, Salomi Orain
8	Mali	1	1	Sita Devi
Note- Sl no 4 to 8 are Daily wages staff				

*Please give above mentioned information in respect of all zoo personnel, from the Officer in-charge upto the Animal Keeper.

9. Capacity Building of Zoo Personnel -

10. Zoo Advisory Committee – Nil

- a. Date of constitution -
- b. Members -
- c. Dates on which Meetings held during the year -

11. Health Advisory Committee- Nil
- Date of constitution -
 - Members -
 - Dates on which Meetings held during the year -

12. Statement of income and expenditure of the Zoo

SL No	Year	Income (in Lakhs)	Expenditure (in Lakhs)
1	2022-23	2.03150	86.9900

13. Daily feed Schedule of animals

Sl. No	Species	Feed item	Quantity		Day of fasting
			Winter	Summer	
1	Chital	Wheat Chokar, Maize Chokar, Pulse(Arhar) Chunni, Tissi Khali, Peanut Khali, Cattle feed-Husk, salt, Mahua, Gur, Chana	1.175 Kg/ Chital	2.150 Kg/ Chital	Nil
2	Sambar		3.545 Kg/ Sambar	4.750 Kg/ Sambar	Nil

14. Vaccination Schedule of animals

Sl.No.	Species	Disease vaccinated for	Name of the Vaccine and dosage/ quantity used	Periodicity	Remarks
1	Chital	Foot & Mouth, seasonal Disease, sores	Bolus lixen 1.5g, spray exoheal , bolus panacure-3g(10mg per kg), Bestamine gold-10 to 15 gm added in feed, syrup ostovet fort 10 ml/per day, spray topicure		
2	Sambar				

15. De-worming Schedule of animals

Sl.No.	Species	Drug used	Month
1	Chital	Albendazole, Bolus Panacure	At the interval of every three months
2	Sambar		

16. Disinfection Schedule

Sl.No.	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
1	Chital	Chital Enclosure	Spraying of 2% Sodium hydroxide, Soil is turned upside down and mixed neem khali, Lime Powder and karanj khali	Regular
2	Sambar	Sambar Enclosure		

17. Health Check-up of employees for Zoonotic diseases

Sl.No.	Name	Designation	Date of Health Check up	Findings of Health Check up
1.	Sri. Bilendra Oraon	Animal Keeper	16-12-2022	Medically, Physically and mentally fit and also free from tuberculosis
2.	Sri Komal Lohara	Animal Keeper	16-12-2022	
3.	Sri Budhram Trikey,	Animal Keeper	16-12-2022	
4.	Sri. Anil Ram, Zoo Keeper	Animal Keeper	16-12-2022	
5.	Sri Samel Toppo,	Animal Keeper	16-12-2022	
6.	Sri Patras Munda,	Animal Keeper	16-12-2022	
7.	Sri Chandru Gasi,	Animal Keeper	16-12-2022	

18. Development Works carried out in the zoo during the year 2022-23

- a. Grass Land Development- 1Ha.
- b. Chain mess link Fencing- 1022 feet
- c. Plantation (Maintenance 4th year) of fruit bearing and ficus species -334 plants

19. **Education and Awareness programmers during the year-** Wildlife Week Programme has been organized in which of children of three schools of Kalamati, Fudi, Silda have participated in competition of wildlife photography, essay writing, speech & drawing competition .

20. **Important Events and happenings –** Honourable Governor of Jharkhand Sri Ramesh Bais visited the Zoo on 25.12.2022

21. **Seasonal special arrangements for upkeep of animals-** Temporary separation of Deer and Sambar during breeding season to check inbreeding. During the winter season to check cold wind, feeding platforms is fenced with “Puwal Tati” from three sides.

22. **Research Work carried out and publications – Nil**

23. **Conservation Breeding Programme of the Zoo – Nil**

24. 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
	--	--	--	--	--
B.	Animals going from the zoo				
	H.NO.	Species	Number (M:F)	Going to which Zoo	Date of deposition from 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
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26. Annual Inventory of animals

Form - II
[See Rule 11(1)]

Part - A

Inventory Report for the Year :

Endangered Species*

S.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>																				
	Sambar	<i>Cervus unicolor</i>																				

*Animals under Schedule I and Schedule II of the Wild Life (Protection) Act, 1972

Part – B

Other than Endangered Species

S. 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>	43	82	4	129			2							2			46	81	02	129
2	Sambar	<i>Cervus unicolor</i>	19	17	8	44			4										20	26	02	48

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.	Spotted Deer	<i>Axis axis</i>	Female	06-08-2022	Due to Respiratory failure
2.	Spotted Deer	<i>Axis axis</i>	Female	20-01-2023	Due to Respiratory failure


28. Compliance with conditions stipulated by the Central Zoo Authority

Sr. No	Norm No. under RZR, 2009	Condition Stipulated	Time Period to Comply	Since when pending	Status with regard to compliance of the conditions
1	10.2(2)	Zoo should have adequate scientific and technical staff to support the officer-in-charge of the zoo in carrying out the responsibilities of housing, upkeep and healthcare of zoo animals, research and visitor education as specified in the Recognition of Zoo Rules, 2009 including a Veterinary Doctor.	Within six month	30.12.2022	<p>As per the direction of Central Zoo Authority, New Delhi all animals at the zoo are being handled by experienced and regular staffs only, they have also imparted training in housing, upkeep and healthcare of animals at Nandan Kanan Zoo, Bhubaneswar, Odisha. Apart from this one Forest Guard have been posted in the Zoo to look after day to-day management.</p> <p>Head of department, Department of Zoology, Ranchi University, Ranchi vide his letter dated 12-06-2018 has sent his consent regarding allowing students of graduate/post graduate to carry out their dissertation on various aspects of animals biology. Students visit the Zoo at regular intervals to carry out their dissertation work.</p> <p>Dean, Ranchi Veterinary College, Kanke, Ranchi has nominated Dr. Piyush Kumar, M.Y. Scholar Department of Veterinary, Medicine, Vide his office memo No. 342 Dt. 25-06-2018 for diagnosis of animals at the Zoo. Nominated Doctor visits the Zoo regularly.</p> <p>Hence, complied.</p>

2	10.3(1)	Zoo should prepare and got the master plan approved by the Central Zoo Authority.	At the earliest	30.12.2022	Master Plan of Birsa Mrig Vihar, Kalamati has been prepared and submitted to the Central Zoo Authority, New Delhi vide this office letter no 848 dated 14-09-2022.
3	10.6(1)	Zoo has a full-fledged veterinary unit with all basic diagnostic facilities, pharmacy, diagnostic and treatment room, comprehensive range of drugs, operation theatre and in-patient wards.	Within one year.	30.12.2022	Yes, Zoo has a veterinary unit with all basic diagnostic facilities like Doctor's Chamber, diagnostic and treatment room, operation theatre, comprehensive range of medicine, and a attached quarantine ward.
4	10.6(6)	Zoo should have linkage with the eminent institutions and organizations working in the field of wild animal healthcare.	Within one year.	30.12.2022	As replied in para 10.2(02)
5	10.12(1)	Zoo may provide adequate civic facilities for visitors at appropriate and convenient places in the Zoo including for physically disadvantaged persons as per Recognition of Zoo Rules, 2009 including Battery Operated vehicles, Zoo Visitor Guides, public announcement system, fire alarm during emergency.	Within Six month.	30.12.2022	For old age and physically challenged visitors, five RCC bridges have been constructed with gentle slope and six wheel chairs has already been purchased. Rest will be done as per the availability of funds.

29. List of free living wild animals within the zoo premises

- a. Mammals- Nil
- b. Birds - Nil
- c. Reptiles - Nil


 29/10/2023
 Divisional Forest Officer,
 Wildlife Division Ranchi.
