



# **Maharajbag Zoo,**

**College of Agriculture, Nagpur**

# **Annual Report**

For

**Year 2023-24**



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## **1. Report of the office In-charge:**

We are pleased to present before you the Annual Report for the year 2023-24, of Maharajbag Zoo, College of Agriculture, Nagpur, Maharashtra, which is identified as a unique Zoo which is being operated by an Agriculture University i.e. Dr. Panjabrao Deshmukh Krushi Vidyapeeth, Akola throughout the country. Year 2023-24 is ended up with some success and failure. We are proud to announce herewith the Maharajbag Zoo has completed its 129 years of existence in the year 2023-24.

The Maharajbag zoo is located in the heart of the Nagpur city with Lush green belt with huge old trees. The zoo is working as lung of the City to minimize the pollution and temperature. The Zoo is one of the oldest Zoo of India established in 1894, the availability of Grants zoo never faced any scarcity of funds for the maintenance of zoo. This zoo is famous tourist place in the City since last many decades yet waiting for smooth functioning as per Modern Zoo Management practices. The Zoo staff is on the toe around the clock to provide best for the animals and Visitors from the available resources.

Overall, emphasis has been made by Maharajbag Zoo team members to cater the needs of all captive wild animals to nourish, nurture and bloom further; regardless of this we lost few of our Zoo Family Members like Spotted deer, Black buck due to heavy rainfall.

I express my sincere thanks to the Dr. Panjabrao Deshmukh Krushi Vidyapeeth, Akola, Agricultural College, Nagpur and all residential of Nagpur and nearby districts for being with us in all our success and failures and for their endless love upon us.

On behalf of Maharajbag Zoo family



Dr. S. S. Bawaskar  
Office In-charge



## 2. History of the Zoo:

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This zoo is known as “Maharajbag Zoo” since 1894. Prior to this, it was a Shikar Khana of the erstwhile Maharaja Raghoji Raje Bhosale, the Ruler of Nagpur. On the establishment of C-P & Berar state this Zoo was taken over by the Department of Agriculture. At that time only 3 cages existed in which Tigers, Hyena, monkeys and some birds were kept. During the period of the British Rulers, the Deer park was constructed and the old Tiger cages were renovated. During the post-independence period in 1954, some new cages for accommodation of Leopards, Lions and some birds were constructed. In 1969 Maharajbag Zoo was transferred to Dr. P.D.K.V. Akola, under the administrative control of the college of Agriculture, Nagpur with the associated dean as the Zoo Controller.

The Maharajbag Zoo has completed its 128 years of establishment and has a rich tradition and green backdrop light in the very fine Horticulture Garden in the heart of city. The Maharajbag Zoo is the pride of ‘Orange city-Nagpur’ and its surrounding area of central India.

### The beginning:

In the beginning of Maharajbag Zoo the animal enclosures were very old and in the dilapidated condition. The Dr. Panjabrao Krushi Vidyapeeth started the development work from the day Zoo came in their administrative control but the real momentum to the work was given in 1992.

The new Master Layout Plan was submitted to the Central Zoo Authority, New Delhi and its approval has been received on 25/07/2023. The renovation and modernization of Maharajbagh Zoo is being carried out as per the National Zoo Policy 1998 and as per the rules of CZA, New Delhi.

## 3. OUR VISION

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Making the zoo as one of the most naturalistic and green zoo in the region without disturbing the natural landscape of the area by designing the animal enclosures and supportive infrastructure in a proper way to merge fully in the environment of the zoo by housing only the species which can be provided quality life of adequate longevity so that they can procreate and lead to self-sustaining and genetically and behaviorally viable population at the zoo.



## 4. OUR MISSION

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Compliment the national efforts in conservation of wildlife through planned coordinated conservation breeding of endangered wild animal species of the region. Develop amongst visitor's empathy for wild animals and motivate them to support the cause of conservation of wildlife. Develop amongst the visitors an understanding about the ecological linkages with the life supporting processes of nature and the need for keeping them intact by adopting sustainable life styles and living in harmony with nature. Enhancing role of zoos in wildlife conservation through collaborative research aiming at attaining management skills for in-situ population and carrying out advocacy for protecting the wild animals and their natural habitats.

## 5. OUR OBJECTIVE

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To aid and assist in conservation of wild animals and their habitat. The "Zoo" shall in conformity with the aforesaid trend, shall work for conservation of the rich bio-diversity of the state through following sub objectives:

- ✿ To create amongst the visitors empathy towards wild animals through better understanding of the linkages of long term survival of various species of wild animals and availability of fertile soil, potable drinking water and pollution free environment.
- ✿ Conservation breeding of endangered species of wild animals, available within the bio-geographical range.
- ✿ To provide housing and upkeep to the orphaned animals of endangered species rescued from the wild.
- ✿ To collect and collate the scientific data on the biology, behavior and health care of various species of wild animals housed at the zoo and use the same in the future management of the zoo.
- ✿ To assist in the conservation of the in-situ population of various species of endangered species of wild animals and their habitat by sensitizing the people about the benefits of adopting sustainable lifestyles and shunning off affluent way of living which involves wastage of natural resources



## 6. About us:

Maharajbag Zoo is the only zoo in the country which is operated by agricultural university. Zoo In-charge has overall control on the administration and planning of zoo. He is assisted in the work by the Sr. clerk, two office attendant and livestock supervisor. The zoo In-charge reports to Zoo controller for overall activities of the Zoo.

Veterinary officer looks after the upkeep and health care of animals including deworming, disinfection and vaccination of animals. The veterinary officer is assisted by livestock supervisor. Major activities of the team are health care and vaccination of captive animal, food and nutrition, maintenance of animal enclosure. Veterinary officer reports to Zoo In-charge.

Curator is responsible for the daily/weekly/monthly zoo routine such as upkeep and maintenance of the animal enclosure, feeding of animal, disinfection of enclosure, enrichment of enclosures, maintenance of daily records, feeding records and also responsible for the zoo estate. Curator is assisted by the head keeper and animal keepers for his day to day zoo routine. The head keeper and animal keeper's reports to curator and curator reports to Zoo In-charge.

Biologist cum Education officer looks after record on observation of animal behavior and biology, suggesting enrichment ideas for the enclosures, recommending regulation of movement of visitor to minimize its impact on the animal, upgrading the signage displayed on animal enclosures, maintenance of animal history card and stud book of animals, preparing informative, educative signage's to be displayed in the zoo, organizing zoo education and awareness programs and preparation of annual report of the Zoo. Biologist cum education officer reports to Zoo In-charge for overall activities.

## Silent features of the Zoo:

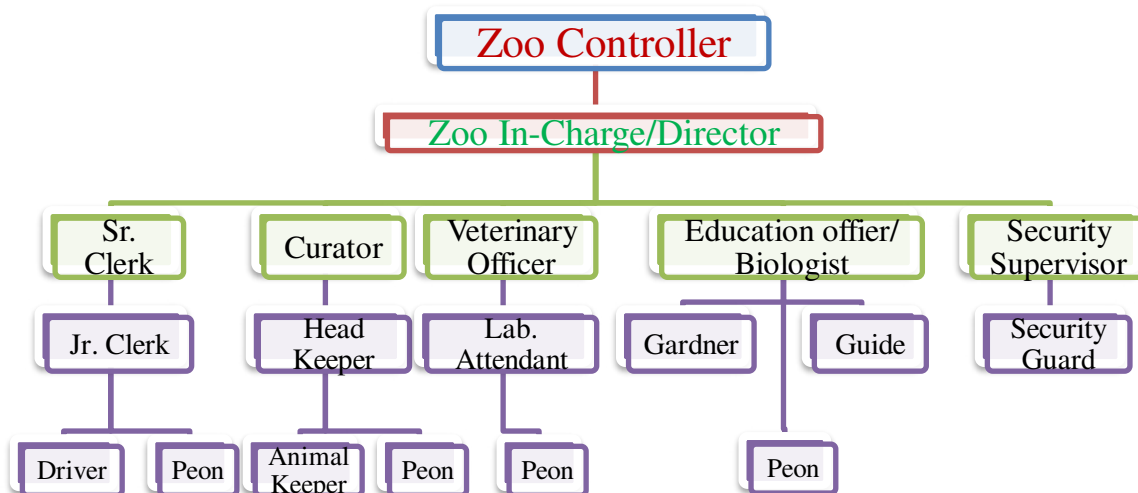
Sr. No.	Particulars	Information
<b>Basic information about zoo</b>		
1.	Name of the Zoo	Maharajbag Zoo, College of Agriculture, Nagpur
2.	Year of establishment	1894
3.	Address of the zoo	Maharajbag Zoo, College of Agriculture, Amravati Road, Sitabuldi, Nagpur, Maharashtra 440001 (India)
4.	State	Maharashtra
5.	Telephone number	0712-2523720
6.	Fax number	91-712-2554820



Sr. No.	Particulars	Information		
7.	e-mail address	<a href="mailto:maharajbagzoo@gmail.com">maharajbagzoo@gmail.com</a>		
8.	Website	<a href="http://www.maharajbagzoo.org">http://www.maharajbagzoo.org</a>		
9.	Distance from nearest	<b>Airport :</b>	Dr. Babasaheb Ambedkar International airport	8.0 Km (SW)
		<b>Railway station</b>	Sitabuldi, Central, railway station	3.0 km (NE)
		<b>Bus stand</b>	Ganesh peth Bus stand	3.0 Km (E)
10.	Recognition valid upto (Date)	Application submitted on 13/02/2023 for renewal of recognition.		
11.	Area (in Hectares)	10.3 Hectares		
<b>Management personnel of the Zoo</b>				
12.	Name with designation of the Officer in charge	Dr. Sunil S. Bawaskar Designation: Officer in-charge		
	Name of the veterinary officer	Dr. A. B. Motghare		
	Name of the Curator	Mr. J. M. Darwade		
	Name of the Biologist / Education Officer	Ms. Prajakta C. Tandale		
	Name of the Compounder/Lab Assistant	Outsourced		
<b>Owner/Operator of the Zoo</b>				
13.	Name of the Operator	Dr. Panjabrao Deshmukh Krushi Vidyapeeth, Akola through Zoo Controller, Maharajbag Zoo, Agriculture College, Nagpur		
14.	Address of the Operator	Registrar, Dr. Panjabrao Deshmukh Krushi Vidyapeeth, Krushi nagar, Akola, pin code: 444104		
15.	Contact details/Phone number of the Operator	0724-2258372		
16.	E-mail address of the Operator	<a href="mailto:registrar@pdkv.ac.in">registrar@pdkv.ac.in</a>		



## 7. Organizational chart



## 8. Human resources

### Manpower of the Zoo

Sr. no.	Designation	Number of Sanctioned post	Name of Incumbent
1.	Zoo Controller	Designated	Dr. P. R. Kadu
2.	Officer In-charge (Zoo)/Director	1	Dr. S. S. Bawaskar
3.	Officer In-charge (Garden)	1	Mrs. S. A. Thakre
4.	Veterinary officer	1	Dr. A. B. Motghare
5.	Curator	1 (Contractual)	Mr. J. M. Darwade
6.	Education Officer cum Biologist	1 (Contractual)	Ms. Prajakta C. Tandale
7.	Sr. Clerk	1	Mrs. M. R. Dhore
8.	Livestock supervisor	1	Mr. M. R. Pande
9.	Head keeper	1 (Permanent) 1 (Contractual)	Mr. Babulal Yadav Mr. Haribhau Tirmale
10.	Agricultural assistant/Garden supervisor	2	Filled in
11.	Sweeper	1	Vacant
12.	Animal Keeper/labour/Mazdoor	20 (Contractual)	a. Mrs. Sushila R. Khare b. Mr. Vikrant Kitke c. Mr. Rajendra J. Raut d. Mrs. Rajkanya M. Bageshwar e. Mr. Ganesh M. Choudhary f. Mr. Lakhani J. Shende g. Mrs. Dipali D. Bante



Sr. no.	Designation	Number of Sanctioned post	Name of Incumbent
			h. Mr. Shankar G. Kambale i. Mr. Ganesh R. Choudhary j. Mr. Sidhhnath Choudhary k. Mr. Mangesh N. Atalkar l. Mrs. Chaya S. Dhargave m. Mr. Ramjit Yadav n. Mr. Sharad. Choudhary o. Mr. Sandip R. Adbadiya p. Mrs. Shweta R. Tirmale q. Mr. Sandip L. Gedam r. Mrs. Asha R. Nikhare
13.	Attendant	2	1 filled 1 vacant
14.	Security Guards	14 (Outsourced)	Filled in

## 9. Capacity building of Zoo personnel:

During the financial year 2019-20, as a part of capacity building some of our Zoo personnel were attended the conference. The details of trainee and conference are as follows:

Sr. No.	Name and designation of Zoo personnel	Subject of training	Period of training	Venue of training
1.	Dr. S. S. Bawaskar (Officer In-charge)	All India Zoo Director's Workshop	11 <sup>th</sup> to 12 <sup>th</sup> , March, 2024	Green Zollogical Rescue and Rehabilitation Center (GZRRC), Jamnagar, Gujrat, India
2.	Dr. A. B. Motghare Veterinary officer	Capacity building Workshop for Zoo Veterinary Officer Organized by Central Zoo Authority, New Delhi.	06 <sup>th</sup> to 18 <sup>th</sup> , August, 2023	Van Vihar National Park Zoo Bhopal, Madhya Pradesh, India
3.	Ms. Prajakta C. Tandale Education Officer cum Biologist	Capacity building Workshop for Education Officer Organized by Central Zoo Authority, New Delhi.	6 <sup>th</sup> to 8 <sup>th</sup> November, 2023	Nawab Wazid Ali Shah Zoological Park, Lucknow, Uttar Pradesh, India



## 10. Zoo Advisory Committee:

Presently Zoo advisory committee is not formed in the Zoo.

## 11. Health Advisory Committee:

No health advisory committee is formed in the Zoo Presently.

## 12. Statement of income and expenditure of Maharajbag

The Maharajbag Zoo is being operated by Dr. Panjabrao Deshmukh Krushi, Vidyapeeth, Akola. Thus, all the funding comes through Dr. P. K. D. V. Akola. The income from ticketing of Maharajbag Zoo is the part of revolving fund and due to this all the fund requires for the maintenance of Zoo comes from the same. The statement of income and expenditure is as follows.

Sr. No.	Fund granted by	Income	Expenditure
1.	Comptroller, Dr. P. K. D. V. Akola through revolving fund	Rs. 1,3500000/-	Rs. 1,33,08421/-

## 13. Daily Feed schedule of animal:

Daily Feed schedule of captive animals are detailed in following table:

Sr. no.	Species	Feed item	Quantity		Day of fasting
			Winter	Summer	
1.	Tiger	Milk	300 ml only on Sunday	300 ml only on Sunday	Sunday
		Buffalo Beef/Chicken/Mutton	10kg	10kg	
2.	Leopard	milk	200ml only on Sunday	200ml only on Sunday	Sunday
		Buffalo Beef/Chicken/Mutton	5kg	5kg	
3.	Jackal	Milk	100 ml	100 ml	Sunday
		Buffalo Beef/Chicken/Mutton	1kg	1kg	
4.	Sloth bear	Banana	6 nos.	6 nos.	None
		Milk	750 ml	750 ml	



Sr. no.	Species	Feed item	Quantity		Day of fasting
			Winter	Summer	
		Tomato	250gm	250gm	
		Carrots	300gm	300gm	
		Sweet lime	2 Nos	2 Nos	
		Guava/papaya/ Mango	100gm	100gm	
		Honey	50gm	50gm	
		Mix Grain	1.5kg	1.5kg	
		Root Vegetable	500gm	500gm	
5.	Blue bull	Cattle feed	2kg	2kg	None
		Para/ Berseem/ Green grass/ Vegetables	Adlib	Adlib	
6.	Spotted Deer	Cattle feed	500gm	500gm	None
		Para Grass/ Berseem /Green grass/ Vegetable	Adlib	Adlib	
7.	Blackbuck	Cattle feed	500 gm	500 gm	None
		Para Grass/ berseem/ green grass/ Vegetable	Adlib	Adlib	
8.	Rhesus/Bonnet Monkey	Gram	100gm	100gm	None
		Apple	1 nos.	1 nos.	
		Banana	4 nos.	4 nos.	
		Carrots	50gm	50gm	
		Cabbage	50gms	50gms	
		Sweet lime	2 Nos	2 Nos	
		Spinach	Few leaves	Few leaves	
9.	Four Horned	Cattle feed	500 gm	500 gm	none
		Paragrass/berseem/ green grass/ Vegetable	Adlib	Adlib	
10.	Emu	Banana	6 nos.	6 nos.	None
		Bread	250gm	250gm	
		Cabbage	50gm	50gm	
		Spinach	400gm	400gm	
		Gram	100gm	100gm	
		Mix grains	600 gm	600 gm	
11.	Peacock	Mix grains	300gm	300gm	None
		Spinach, Green leaves	Few leaves	Few leaves	
		Kheema	100gm	100gm	
		Onion	25gm	25gm	
		Guava/papaya/ Mango	100 gm	100 gm	
12.	Lovebird	Sunflower Seeds/ Mix grains	10 gm	10 gm	None
		Coriander	5-10gm	5-10gm	
		Rala	20gms	20gms	
		Spinach	Few leaves	Few leaves	
		Chiku/Berry/Grapes	25gm	25gm	
		Sunflower	10 gm	10 gm	
13.	Cockatiels	Sunflower Seeds/ Mix grains	50 gm	50 gm	None



Sr. no.	Species	Feed item	Quantity		Day of fasting
			Winter	Summer	
		Coriander	5-10gm	5-10gm	
		Rala	20gms	20gms	
		Spinach	Few leaves	Few leaves	
		Chiku/Berry/Grapes	25gm	25gm	
		Sunflower	10 gm	10 gm	
14.	Parrots	Sweet lime	25 gm	25 gm	None
		Guava/papaya/ Mango	100 gm	100 gm	
		Honey	10gms	10gms	
		Gram	20gm	20gm	
		Apple	100 gm	100 gm	
		Chiku/Berry/Grapes	25gm	25gm	
		Green Chilly	10gm	10gm	
		Sunflower seed	20 gm	20 gm	
15.	Crocodiles	Fish	1kg	1kg	None
16.	Tortoise	Tomato	50 gm	50 gm	None
		Cabbage	10 gm	10 gm	
17.	Otter	Fish	2kg	2kg	None

\*\* Note: Feeding items quantity/animal.

#### 14. Vaccination schedule of animal:

Sl.No.	Species	Disease vaccinated for	Name of the Vaccine and dosage/ quantity used	Periodicity	Remarks
1.	Tiger	Rabies	Rabivac Vet	Annually	-
2.	Leopard				-
3.	Jackal				-

#### 15. Fecal Sample and De-worming schedule of animal:

Species	Particulars	Drug used	Month
Carnivores	Tiger Leopard Jackal	Fecal sample	-
		Deworming	Tab. Prazisam
Herbivores and	Blue bull Black Buck	Fecal sample	-



Species		Particulars	Drug used	Month
	Spotted Deer Four Horned Antilope Sloth bear	Deworming	Liq. A-Zole/F-Zole, Ivermectin	7 <sup>th</sup> of January, April, July and October
Primates	Monkey	Fecal sample	-	5 <sup>th</sup> of January, April, July and October
		Deworming	Liq. F-Zole	7 <sup>th</sup> of January, April, July and October
Aves	Birds	Deworming	Liq. Piperazine	7 <sup>th</sup> of January, April, July and October

## 16. Disinfection schedule:

Sr.No.	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
1.	Tiger	Open	ViraCid-S and Kohrsolin-Th (Spraying)	Every Month
2.	Leopard	Closed		
3.	Jackal	Open		
4.	Sloth bear	Closed		
5.	Monkey	Closed		
6.	Birds	Closed		

## 17. Health check-up of employees for Zoonotic diseases:

Health checkup of all the zoo employees were carried out for the investigation of Zoonotic diseases by Dr. G.M. Taori Central India Institute of Medical Sciences, Nagpur formerly known as CIIMS Hospital. Samples were analyzed for the presence of pathogen like M. Bovis, Listeria and Brucella. The findings of the investigation are as follows:

Sr. no.	Name	Designation	Date of health check-up	Findings of health check up
1.	Dr. S. S. Bawaskar	Officer Incharge	29/08/2023	Non- symptomatic
2.	Dr. A. B. Motghare	Veterinary Officer	29/08/2023	Non- symptomatic
3.	Mr. M. R. Pande	Livestock supervisor	29/08/2023	Non- symptomatic
4.	Mr. Jaykumar Darwade	Curator	29/08/2023	Non- symptomatic



Sr. no.	Name	Designation	Date of health check-up	Findings of health check up
5.	Ms. Prajakta C. Tandale	Education Officer Cum Biologist	29/08/2023	Non- symptomatic
6.	Mr. Baburao Yadav	Head Keeper	29/08/2023	Non- symptomatic
7.	Mrs. Asha Rajendra Nikhare	Animal Keeper	29/08/2023	Non- symptomatic
8.	Mr. Ganesh M. Choudhary	Animal Keeper	29/08/2023	Non- symptomatic
9.	Mrs. Chhaya Dhargave	Animal Keeper	29/08/2023	Non- symptomatic
10.	Mr. Sharad Choudhary	Animal Keeper	29/08/2023	Non- symptomatic
11.	Mr. Rajendra Raut	Animal Keeper	29/08/2023	Non- symptomatic
12.	Mrs. Rajkanya Bageshwar	Animal Keeper	29/08/2023	Non- symptomatic
13.	Mr. Ganesh R. Choudhary	Animal Keeper	29/08/2023	Non- symptomatic
14.	Mrs. Sushila Khare	Animal Keeper	29/08/2023	Non- symptomatic
15.	Mr. Shankar Kamble	Animal Keeper	29/08/2023	Non- symptomatic
16.	Mr. Lakhan Jagan Shende	Animal Keeper	29/08/2023	Non-symptomatic

## Education and awareness programs during the year:

Zoo education is significant part of zoo for creating awareness about wildlife and its conservation among the visitors. Zoo education program held during year 2023-24 are listed below:



**Wildlife Week Celebration 2<sup>nd</sup> to 8<sup>th</sup> October 2023**

To spread the awareness about wildlife and its habitat conservation, about better understanding of linkages of long term survival of various wild species with soil, water and environment every year we celebrates Wildlife week. Like every year this year also during 2<sup>nd</sup> October to 8<sup>th</sup> October 2023 we have celebrated wildlife week in collaboration with Kamala Nehru Mahavidyalaya, Nagpur. On this occasion various activities, competitions, guest lectures and zoo visits have been planned.



Photograph I & II: Wildlife Week Celebration- Poster making Competition



Photograph III & IV: Tree Plantation & Swachhta Abhiyan



**Photograph V: Wetland Day Calibration**

Many schools and colleges organize educational camps at Maharaj Bagh Zoo where students are guided by the education officer regarding wildlife.







**Photograph VI to X: Zoo Visit of School/College students.**



**Photograph XI & XII**



**Photograph XI to XIII: World Wildlife Day Celebration**



**Photographs XIV: International Day of Forest Guest Lecture on Google meet**

#### **Zoo Education for School students/special groups and visitors:**

Zoo education held every day for the visitors with the aim to attract, excite, enthuse, educate and aware our visitors of different social, cultural and economic background. Maharajbag zoo is prime tourist attraction especially for school educational trip. The school children are our target group for daily Zoo education. Our education officer trying to attend each student visits to zoo.

Display of various wildlife articles along with its explanation, tips for identification of similar appearing wild animals such as leopard and cheetah etc., wildlife conservation and its related Acts, current environmental issues and their solutions are some topics covered under the lecture of education officer.





**Photograph XV & XVI: Zoo Education**

## Important events and happenings:

- Blue bull is being adopted for the year 2023-24 by Narayana Vidyalaya, Nagpur.
- Memorandum of Understanding (MoU) with 2nos. of RTMN University colleges namely;
  - Kamala Nehru Mahavidyalaya, Sakkardara, Nagpur
  - Institute of Science, Civil lines, Nagpur
- Master Plan is in principle approved on dated 25/07/2023.

## Seasonal special arrangements for upkeep of animals:



Curator in consultation with veterinary officer makes special arrangements with respect change in season. Special seasonal arrangements in practice for zoo captive animals are as follows:

☀ **Summer season:**

- ✓ Regular cutting of fire lines made before onset of summer all along the boundary of the zoo.
- ✓ Fire lines are kept clean of leaves and fallen branches all the time throughout the summer.
- ✓ Arrangement of coolers for each animal enclosures,
- ✓ Regular sprinkling of water is practiced regularly in day times.
- ✓ Blanketing the cover of hay or dried twigs on the animal's enclosure, night shelter to provide coolness.
- ✓ Provision of water and feed for free birds, squirrels etc. living in the Zoo.

☀ **Winter season:**

- ✓ Arrangements of heaters for the animals.
- ✓ Provision of natural bedding materials like leaves, hay etc.
- ✓ Covering of animal enclosure with clothes, blanket or green net to avoid cool air.

☀ **Rainy season:**

- ✓ Cement sheds already provided for all animals thus no special arrangement made in rainy season. If needs some special arrangement then it will be practiced as per the requirement.

## Research work carried out and publication:

No research work carried out during present financial year.

## Conservation breeding program of the Zoo:

During 2018-19 no conservation breeding program has been carried out.

## Animal Acquisition/transfer/exchange during the year:

A.		Animal Arriving in the zoo			
	H. No.	Species	Number (M:F)	From which Zoo	Date of arrival in the Zoo
	-	Four Horned Antelope	1:2	Kanan Pendari Zoological Park, Bilaspur, Chattisgarh	28/03/2024



		Black Buck	4:6	Kanan Pendari Zoological Park, Bilaspur, Chattisgarh	
B.	<b>Animals going from the Zoo</b>				
	<b>H. No.</b>	<b>Species</b>	<b>Number (M:F)</b>	<b>Going to which Zoo</b>	<b>Date of deposition from the Zoo</b>
	Nil	Nil	Nil	Nil	Nil

### Rescue and rehabilitation of wild animals carried out by the zoo:

Sr. 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	Reason for housing in the zoo if not released in their habitat
Nil						



## Annual inventory of animals:

### Inventory report for the year 2023-2024

#### Endangered species:

S.N.	Animal Name	Scientific Name	Opening Stock as on 1.04.2023				Births			Acquisition			Disposal			Deaths			Closing stock as on 31.03.2024			
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
<b>Birds</b>																						
1	Peafowl	<i>Pavo cristatus</i>	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	3
	Total Birds		2	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	3
<b>REPTILES</b>																						
1	Crocodile Marsh	<i>Crocodylus palustris</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
	Total Reptiles		1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
<b>MAMMALS</b>																						
1	Sloth Bear	<i>Melursus ursinus</i>	2	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	4
2	Tiger	<i>Panthera tigris</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
3	Leopard	<i>Panthera pardus</i>	1	3	0	4	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	4
4	Indian Jackal	<i>Canis aureus indicus</i>	1	1	0	2	0	0	3	0	0	0	0	0	0	0	0	0	1	1	3	5
5	Indian Hog deer	<i>Hyelaphus pornicus</i>	3	3	0	6	0	0	0	0	0	0	0	0	1	2	0	2	1	0	3	
6	Black Buck	<i>Antilope cervicapara</i>	10	8	0	18	0	0	0	4	6	0	0	0	0	0	10	8	0	4	6	10
7	Rhesus Macaque	<i>Mucaca mulatta</i>	3	2	0	5	0	1	0	0	0	0	0	0	0	0	0	0	3	3	0	6
8	Bonnet Macaque	<i>Macaca radiata</i>	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
9	Otter	<i>Lontra canadensis</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
10	Four Horned Antelope	<i>Tetracerus quadricornis</i>	1	0	0	1	0	0	0	1	2	0	0	0	0	0	0	0	2	2	0	4
	Total mammals		25	21	0	46	0	1	3	5	8	0	0	0	0	11	10	0	19	20	3	42
	<b>Total animals / Birds</b>		<b>28</b>	<b>23</b>	<b>0</b>	<b>51</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>5</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11</b>	<b>10</b>	<b>0</b>	<b>22</b>	<b>22</b>	<b>3</b>	<b>47</b>

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



## Other than endangered species:

S.N.	Animal Name	Scientific Name	Stock as on 31.03.2023				Births			Acquisition			Disposal			Deaths			Closing stock as on 31.03.2024			
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
<b>BIRDS</b>																						
1	Alexandrine parakeet	<i>Psittacula eupatria</i>	7	7	0	14	0	0	0	0	0	0	0	0	0	0	0	0	7	7	0	14
2	Rose ring parakeet	<i>Psittacula krameri</i>	7	3	0	10	0	0	0	0	0	0	0	0	0	0	0	0	7	3	0	10
3	Cockatiel	<i>Nymphicus hollandicus</i>	0	0	50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50
4	Budgerigar	<i>Melopsittacus undulatus</i>	0	0	80	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80	80
5	Emu	<i>Dromaius novaehollandiae</i>	4	0	0	4	0	0	0	0	0	0	0	0	1	0	0	3	0	0	3	3
	<b>Total Birds</b>		<b>18</b>	<b>10</b>	<b>130</b>	<b>158</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>17</b>	<b>10</b>	<b>130</b>	<b>157</b>	
<b>MAMMALS</b>																						
1	Blue Bull	<i>Boselaphus tragocamelus</i>	6	6	0	12	0	0	1	0	0	0	0	0	2	0	0	4	6	1	11	
2	Spotted Deer	<i>Axis axis</i>	12	23	0	35	0	0	0	0	0	0	0	0	0	4	0	12	19	0	31	
	<b>Total mammals</b>		<b>18</b>	<b>29</b>	<b>0</b>	<b>47</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>4</b>	<b>0</b>	<b>16</b>	<b>25</b>	<b>1</b>	<b>42</b>	
<b>REPTILES</b>																						
1	Tortoise Indian Star	<i>Geochelone elaganus</i>	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	
	<b>Total Reptiles</b>		<b>2</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>2</b>	
	<b>Total animals / Birds</b>		<b>38</b>	<b>39</b>	<b>130</b>	<b>207</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>4</b>	<b>0</b>	<b>35</b>	<b>35</b>	<b>131</b>	<b>201</b>	
	<b>Grand Total of Animals</b>		<b>66</b>	<b>62</b>	<b>130</b>	<b>258</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>5</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>14</b>	<b>14</b>	<b>0</b>	<b>57</b>	<b>57</b>	<b>134</b>	<b>248</b>	

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



## Mortality of animals:

Sr. No.	Animal name (with individual identification mark, if any)	Scientific name	Sex	Date of death	Reason of the death as per the post- mortem report
1.	Indian Hog Deer	<i>Hyelaphus pornicus</i>	M	24/10/2023	Died due to pneumonia
			F	18/10/2023	Died due to pneumonia
2.	Emu	<i>Dromaius novaehollandiae</i>	M	30/17/2023	Death due to cardiac arrest
3.	Spotted Deer	<i>Axis axis</i>	F	23/09/2023	Died due to acute asphyxiation due to drowning
4.	Bluebull	<i>Boselaphus tragocamelus</i>	M	18/10/2023	Died due to respiratory failure
5.	Black buck	<i>Antilope cervicapara</i>	F	23/09/2023	Died due to acute asphyxiation due to drowning



## List of free living wild animals within the zoo premises:

Free living wild animals found within the zoo premises are listed below:

<b>a. Mammals</b>	
1	Rhesus Macaque ( <i>Macaca mulatta</i> )
2	Indian Palm Civet ( <i>paradoxurus hermaphroditus</i> )
3	Three Striped Palm Squirrel ( <i>Funambulus palmarum</i> )
4	Common Grey Mongoose ( <i>Herpestes edwardsi</i> )
<b>b. Birds</b>	
1.	Little Egret ( <i>Egretta garzetta</i> )
2.	Cattle Egret ( <i>Bubulcus ibis</i> )
3.	Indian Pond Heron ( <i>Ardeola grayii</i> )
4.	Oriental Honey Buzzard ( <i>Pernis ptilorhynchus</i> )
5.	Black-shouldered Kite ( <i>Elanus axillaris</i> )
6.	Black Kite ( <i>Milvus migrans</i> )
7.	Shikra ( <i>Accipiter badius</i> )
8.	Eurasian Sparrow hawk ( <i>Accipiter nisus</i> )
9.	White-eyed Buzzard ( <i>Butastur teesa</i> )
10.	Grey Francolin ( <i>Francolinus pondicerianus</i> )
11.	Common Quail ( <i>Coturnix coturnix</i> )
12.	Rain Quail ( <i>Coturnix coromandelica</i> )
13.	Jungle Bush Quail ( <i>Perdica asiatica</i> )
14.	Rock Bush Quail ( <i>Perdica argoondah</i> )
15.	Small Button Quail ( <i>Turnix sylvaticus</i> )
16.	Common Peafowl ( <i>Pavocristatus</i> )
17.	White-breasted Waterhen ( <i>Amaurornis phoenicurus</i> )
18.	Red-wattled Lapwing ( <i>Vanellus indicus</i> )
19.	Little Ringed Plover ( <i>Charadrius dubius</i> )
20.	Common Sandpiper ( <i>Actitis hypoleucos</i> )
21.	Wood Sandpiper ( <i>Tringa glareola</i> )
22.	Little Brown Dove ( <i>Spilopelia senegalensis</i> )
23.	Spotted Dove ( <i>Spilopelia chinensis</i> )
24.	Yellow-footed Green Pigeon ( <i>Treron phoenicoptera</i> )
25.	Rock Pigeon ( <i>Columba livia</i> )
26.	Plum-headed Parakeet ( <i>Psittacula cyanocephala</i> )
27.	Rose-ringed Parakeet ( <i>Psittacula krameri</i> )
28.	Eurasian Cuckoo ( <i>Cuculus canorus</i> )
29.	Indian Cuckoo ( <i>Cuculus micropterus</i> )
30.	Common Hawk-Cuckoo ( <i>Hierococyx varius</i> )
31.	Pied Cuckoo ( <i>Clamator jacobinus</i> )
32.	Asian Koel ( <i>Eudynamis scolopacea</i> )
33.	Greater Coucal ( <i>Centropus sinensis</i> )



34.	Collared Scops Owl ( <i>Otusletitia</i> )
35.	Jungle Owlet ( <i>Glaucidiumradiatum</i> )
36.	Spotted Owlet ( <i>Athenebrama</i> )
37.	Asian Palm Swift ( <i>Cypsiurusbalasiensis</i> )
38.	House Swift ( <i>Apusnipalensis</i> )
39.	Indian Roller ( <i>Coraciasbenghalensis</i> )
40.	Black-hooded Oriole ( <i>Oriolusxanthornus</i> )
41.	Indian Pitta ( <i>Pitta brachyura</i> )
42.	Ashy crowned Sparrow Lark ( <i>Eremopterixgriseus</i> )
43.	Rufous-tailed Lark ( <i>Ammomanesphoenicura</i> )
44.	Sykes Lark ( <i>Galerida deva</i> )
45.	Oriental Skylark ( <i>Alaudagulgula</i> )
46.	Dusky Crag Martin ( <i>Ptyonoprogneconcolor</i> )
47.	Wire-tailed Swallow ( <i>Hirundosmithii</i> )
48.	Red-rumped Swallow ( <i>Cecropisdaurica</i> )
49.	Streak-throated Swallow ( <i>Petrochelidonfluvicola</i> )
50.	Black Drongo ( <i>Dicrurusmacrocerus</i> )
51.	Common Woodshrike ( <i>Tephrodornispondicerianus</i> )
52.	Long-tailed Shrike ( <i>Laniusschach</i> )
53.	Bay-backed Shrike ( <i>Laniusvittatus</i> )
54.	Chestnut-tailed Starling ( <i>Sturniamalabarica</i> )
55.	Brahminy Starling ( <i>Sturniapagodarum</i> )
56.	Rosy Starling ( <i>Pastor roseus</i> )
57.	Asian Pied Starling ( <i>Gracupica contra</i> )
58.	Common Myna ( <i>Acridotherestrictis</i> )
59.	Indian House Crow ( <i>Corvussplendens</i> )
60.	Large Cuckoo shrike ( <i>Coracinamacei</i> )
61.	Black headed Cuckoo-shrike ( <i>Coracinamelanoptera</i> )
62.	Small Minivet ( <i>Pericrocotuscinnamomeus</i> )
63.	Red-vented Bulbul ( <i>Pycnonotuscafer</i> )
64.	White-browed Bulbul ( <i>Pycnonotusluteolus</i> )
65.	Tawny-bellied Babbler ( <i>Dumetiahyperythra</i> )
66.	Yellow-eyed Babbler ( <i>Chrysommasinense</i> )
67.	Jungle Babbler ( <i>Turdoidesstriata</i> )
68.	Asian Brown Flycatcher ( <i>Muscicapalatirostris</i> )
69.	Red throated Flycatcher ( <i>Ficedulaalbicilla</i> )
70.	Tickell's Blue Flycatcher ( <i>Cyornistickelliae</i> )
71.	Asian Paradise Flycatcher ( <i>Terpsiphoneparadisi</i> )
72.	Black-naped Monarch ( <i>Hypothymisazurea</i> )
73.	White-browed Fantail ( <i>Rhipiduraaureola</i> )
74.	Whitet-hroated Fantail ( <i>Rhipiduraalbicollis</i> )
75.	Ashy Prinia ( <i>Priniasocialis</i> )
76.	Plain Prinia ( <i>Priniainornata</i> )
77.	Jungle Prinia ( <i>Priniasylvatica</i> )



78.	Clamorous Reed Warbler ( <i>Acrocephalusstentoreus</i> )
79.	Great Tit ( <i>Parus major</i> )
80.	Paddy field Pipit ( <i>Anthusrufulus</i> )
81.	White browed Wagtail ( <i>Motacillamaderaspatensis</i> )
82.	White Wagtail ( <i>Motacilla alba</i> )
83.	Purple-rumped Sunbird ( <i>Leptocomazeylonica</i> )
84.	Purple Sunbird ( <i>Cinnyrisasiaticus</i> )
85.	Oriental White-eye ( <i>Zosterospalpebrosus</i> )
86.	Pale-billed Flowerpecker( <i>Dicaeumerythrorhynchos</i> )
87.	Red Avadavat ( <i>Amandavaamandava</i> )
88.	Indian Silverbill( <i>Lonchuramalabarica</i> )
89.	White-rumpedMunia( <i>Lonchurastrciata</i> )
90.	Scaly-breasted Munia( <i>Lonchurapunctulata</i> )
91.	House Sparrow ( <i>Passer domesticus</i> )
92.	Baya Weaver ( <i>Ploceusphilippinus</i> )
93.	Common Stonechat ( <i>Saxicolatorquatus</i> )
94.	White throated Ground Thrush ( <i>Geocichlacitrinacyanotis</i> )
95.	Brown Rock Chat ( <i>Cercomelafusca</i> )
96.	Oriental Magpie Robin ( <i>Copsychussaularis</i> )
97.	Indian Robin ( <i>Saxicoloidesfulicatus</i> )
98.	Pied Bushchat( <i>Saxicolacaprata</i> )
99.	BlackrumpedFlameback( <i>Dinopiumbenghalense</i> )
100.	Yellow-crowned Woodpecker ( <i>Dendrocoposmahrattensis</i> )
101.	Common Iora( <i>Aegithinatiphia</i> )
102.	Golden-fronted Leafbird( <i>Chloropsisaurifrons</i> )
103.	Booted Warbler ( <i>Idunacaligata</i> )
105.	Common Tailorbird ( <i>Orthotomussutorius</i> )
105.	Orphean Warbler ( <i>Sylvia hortensis</i> )
106.	Lesser Whitethroat ( <i>Sylvia curruca</i> )
107.	Common Chiffchaff ( <i>Phylloscopuscollybita</i> )
108.	Greenish Warbler ( <i>Phylloscopustrochiloides</i> )
109.	Black Redstart ( <i>Phoenicurusochruros</i> )
110.	Pied Kingfisher ( <i>Cerylerudis</i> )
111.	Common Kingfisher ( <i>Alcedoatthis</i> )
112.	White-throated Kingfisher ( <i>Halcyon smyrnensis</i> )
113.	Green Bee-eater ( <i>Meropsorientalis</i> )
114.	Coppersmith Barbet ( <i>Megalaimahaemacephala</i> )
115.	Common Hoopoe ( <i>Upupaepops</i> )
116.	Common Grey Hornbill ( <i>Ocycerosbirostris</i> )
<b>c. Reptiles</b>	
1	Common Sand (Russell's Earth) ( <i>Boa Gongylophis (Eryx) conicus</i> )
2	Indian Rock Python ( <i>Python molurismolurus</i> )
3	Trinket Snake ( <i>Coelognathus (Elaphe) helena Helena</i> )
4	Common Rat Snake ( <i>Ptyas mucosa</i> )



5	CheckeredKeelback ( <i>Xenochrophispiscator</i> )
6	Common Kukri Snake ( <i>Oligodanarnensis</i> )
7	Common Wolf Snake ( <i>Lycodonaulicus</i> )
8	Indian Egg-eater ( <i>Elachistodonwestermanni</i> )
9	Cat Snake( <i>Boigatrigonata</i> )
10	Indian Cobra ( <i>Najanaja</i> )
11	Common Indian Krait ( <i>Bungaruscaeruleus</i> )
12	Russell's Viper ( <i>Daboiarusselli</i> )

