



# **Maharajbag Zoo,**

**College of Agriculture, Nagpur**

# **Annual Report**

For

**Year 2019-20**



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

We are pleased to present before you the Annual Report for the year 2019-20, 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 KrushiVidyapeeth, Akola throughout the country. Year 2019-20 is ended up with some success and failure. We are proud to announce herewith the Maharajbag Zoo has completed its 126 years of existence in the year 2019-20.

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, yet to smooth function according to the advance zoo Management practices. Even though due to 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 but there is vast scope for up gradation.

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 peafowl, Emu and Blue bull diagnosed with health issues.

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 ShikarKhana 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 125 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 Central Zoo Authority, New Delhi recommended various suggestions for improving and modernizing the zoo. Considering the recommendation and availability of the funds the development plan is framed and executed. New Master Layout Plan is submitted to Central Zoo Authority, New Delhi and its waiting for the approval; after the approval of same, Maharajbag Zoo will be renovated and modernized 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.

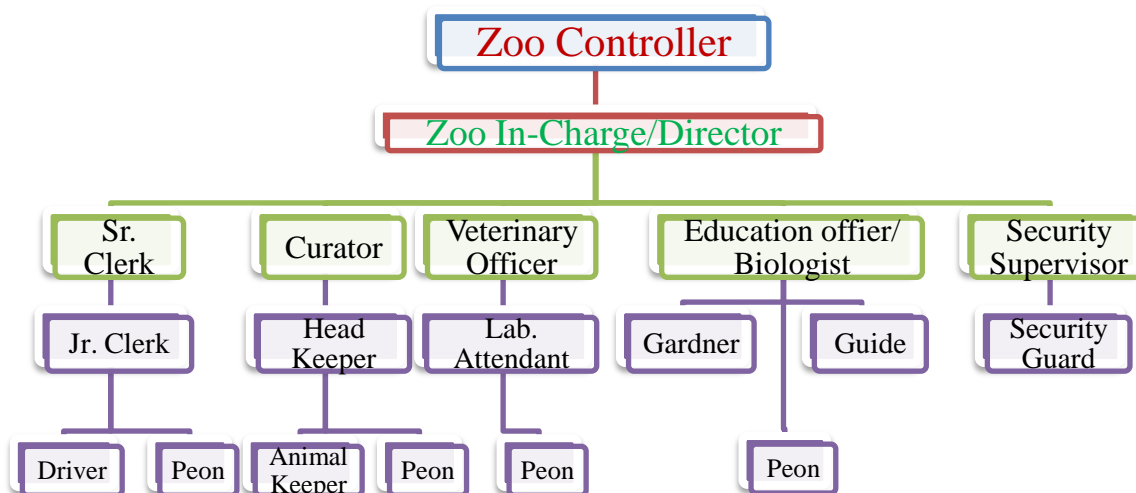
## Silent features of the Zoo:

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)



Sr. No.	Particulars	Information		
4.	State	Maharashtra		
5.	Telephone number	0712-2523720		
6.	Fax number	91-712-2554820		
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)	17 <sup>th</sup> July 2020 Order No.F.No. 26-1/2019-CZA/1146/2019 dated 18 <sup>th</sup> July 2019 by C. K. Mishra, Secretary to the Government of India (Environment, Forest and climate Change)		
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	Mrs. Suvarna Kawale Chute		
	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, Krushinagar, 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. D. M. Panchbhai
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)	Mrs. SuvarnaKawale Chute
7.	Sr. Clerk	1	Mrs. M. R. Dhore
8.	Livestock supervisor	1	Mr. M. R. Pande
9.	Head keeper	1 (Permanent) 1 (Contractual)	Mr. BabulalYadav Mr. HaribhauTirmale
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. Darshan R. Uike c. Mr. Rajendra J. Raut d. Mrs. Rajkanya M. Nageshwar e. Mr. Ganesh M. Choudhary f. Mr. Lakhan J. Shende g. Mr. Ayush R. Sakhare



Sr. no.	Designation	Number of Sanctioned post	Name of Incumbent
			h. Mr. Shankar G. Kambale i. Mr. Ganesh R. Choudhary j. Mr. Manoj S. Choudhary k. Mr. RupeshManoharShastrakar l. Mr. Rajendra R. Khare m. Mr. Shravan B. Kale n. Ms. Rashmi R. Khare o. Mr. Siddhanath R. Choudhary p. Mr. Sandip R. Adbadiya q. Mr. Mangesh J. Dhoke r. Mr. Pritesh C. Thekekar s. Ms. Megha R. Nikhare t. Mr. Radheshyam S. Meshram
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)	International Conference on 'Advancement in Veterinary Sciences for Wildlife Conservation ADVECTON-2019'	13 <sup>th</sup> to 15 <sup>th</sup> November, 2019	Laboratory for the conservation of Endangered Species CSIR-Center for Cellular and Molecular Biology, Hyderabad, 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. 1,12,99,762/-	Rs. 1,40,94,788/-

## 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	
		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	
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/	Adlib	Adlib	



Sr. no.	Species	Feed item	Quantity		Day of fasting
			Winter	Summer	
		Berseem/Green grass/ Vegetable			
7.	Chinkara / Blackbuck	Cattle feed	500 gm	500 gm	None
		Para Grass/ berseem/ green grass/ Vegetable	Adlib	Adlib	
8.	Rhesus/Bon net 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
		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	



Sr. no.	Species	Feed item	Quantity		Day of fasting
			Winter	Summer	
		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	-	6 <sup>th</sup> of January, April, July and October
		Deworming	Tab. Prazisam	8 <sup>th</sup> of January, April, July and October
Herbivores and Omnivores	Blue bull Black Buck Spotted Deer Four Horned Antelope Sloth bear	Fecal sample	-	5 <sup>th</sup> of January, April, July and October
		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.	Mr. BaburaoYadav	Head Keeper	30/12/2019	Suspected for Listeria (need follow-up samples after 3 months )
2.	Mr. JaykumarDarwade	Curator	30/12/2019	Suspected for Listeria (need follow-up samples after 3 months )
3.	Mrs. SuvarnaKawale Chute	Education Officer Cum Biologist	30/12/2019	Suspected for Listeria (need follow-up samples after 3 months )
4.	Mrs. AshaRajendraNikhare	Animal Keeper	30/12/2019	Non- symptomatic
5.	Mr. Ganesh M. Choudhary	Animal Keeper	30/12/2019	Suspected for Listeria (need follow-up samples after 3 months )
6.	Mrs. ChhayaDhargave	Animal Keeper	30/12/2019	Non- symptomatic
7.	Mr. SharadChoudhary	Animal Keeper	30/12/2019	Non- symptomatic
8.	Mr. DarshanUkey	Animal Keeper	30/12/2019	Non- symptomatic



Sr. no.	Name	Designation	Date of health check-up	Findings of health check up
9.	Mr. RajendraRaut	Animal Keeper	30/12/2019	Non- symptomatic
10.	Mrs. RajkanyaBageshwar	Animal Keeper	30/12/2019	Suspected for M.bovis, Listeria and Brucella. (need follow-up samples after 3 months )
11.	Mr. AyushSakhare	Animal Keeper	30/12/2019	Suspected for Listeria (need follow-up samples after 3 months )
12.	Mr. Ganesh R. Choudhary	Animal Keeper	30/12/2019	Non- symptomatic
13.	Mr. S. B. Kale	Animal Keeper	30/12/2019	Non- symptomatic
14.	Mr. Mohammad Farooq Mohammad Harun	Security Guard	30/12/2019	Non- symptomatic
15.	Mr. ShekhHanifShekhSardar	Security Guard	30/12/2019	Non- symptomatic
16.	Mrs. SushilaKhare	Animal Keeper	30/12/2019	Non- symptomatic
17.	Mr. Mahesh Pande	Livestock Supervisor	30/12/2019	Non- symptomatic
18.	Dr. A. B. Motghare	Veterinary Officer	30/12/2019	Non- symptomatic
19.	Mr. Shankar Kamble	Animal Keeper	30/12/2019	Non- symptomatic
20.	Mr. LakhanJaganShende	Animal Keeper	30/12/2019	Non-symptomatic

## 18. Development work carried out in the zoo during the year:

During the year 2019-20 some development work carried out in the zoo as a compliance of CZA condition, for the upkeep, beautification and as a part of Zoo management. List of renovation, modernization of existing enclosures and development of new enclosure with development work as a part of enhancing the enrichment activities to improve the animal enclosure resembling to its natural habitat is given below.

### I. Development for captive Animals and birds:

#### 🌿 Sloth Bear :

New water pool and small rocky hill constructed in the Sloth Bear enclosure for its enrichment by considering the animal requirement in the changing season (summer). S shaped water pool is designed of depth 1.5-2.0 ft. keeping in view its cleaning and Sloth



bear size.

**Photograph I: Showing water pool and rocky hill in Sloth Bear enclosure.**

🌿 **Blue bull:**

Nilgai (Blue bull) are shifted in the newly constructed enclosure. Previously Nilgai was sharing its enclosure with Blackbuck as part of social enrichment. But, the visitors those don't have idea about these animals are getting confused for identification of animals. Considering this aspect new Nilgai enclosure have been constructed by providing good quality soil, shed for their rest, drinking water facility and off display area.



**Photograph II: Showing Blue bulls in new Enclosure**

🌿 **Emu:**

Emu's shifted to their new enclosure, far away from the Tiger's enclosure. This enclosure possesses natural environment and free space for Emu for wandering.



**Photograph III: Emu resting under the tree Shade in their New Enclosure.**

🌿 **Leopard and Jackal:**

Small rocky hills are constructed in Leopard's and Jackal's enclosure to provide them naturalistic environment.



### Photograph IV: Leopard near rocks and rocky hill in Jackal Enclosure

#### ✿ Miscellaneous :

Bilingual Educational Signage's are prepared and displayed on each animal enclosure. This helps visitor to gather information about animals.



Photograph V: Bilingual Information Signage's at enclosure in the Zoo.

## 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 2019-20 are listed below:

### *I. World Earth Day, 22<sup>nd</sup> April 2019:*

World Earth Day, 2019 is celebrated in the Zoo to aware the visitors that; we human are slowly losing our humanity and forgot to take care of the planet that gave us life and started using its resources very ruthlessly. For that competition like 'Ecological Musical Chair' and Skit on 'Environment and human' is arranged. Musical Chair was open to all and for all age groups with the motto of making mankind aware about the importance of Earth and wildlife.

On the occasion Environmental posters were prepared by the students and were hanged on the tree. Song chosen for the game were Environmental songs like Swachchhata Abhiyan, Bijli hum



Bachayenge etc. Participants were named after Ecological component like plants, trees, insects, herbivore, birds, carnivore, microorganism etc. and human is standing in the center. When participant is out from game then anchor were announcing the importance of that particular component for our mother earth. Participants i.e. Zoo visitors, college students, press reporters and Zoo staff enjoyed the game and learned from it. At the end winner is awarded by the



certificates.

**Photograph VI:  
World Earth  
Day  
Celebration.**



**II. International  
Day of  
Biodiversity,  
22<sup>nd</sup> May  
2019**

‘Sign a petition’

Campaign was held on the occasion of International Day of Biodiversity. The petition to save the biodiversity was prepared and was displayed, Suggestion box, suggestion board also kept at the entrance of the Zoo. More than 600 signatures were done by visitors within 2 hours from the starting of the campaign. Volunteers of Maharajbag Zoo worked hard to make this day special. Pictorial view of campaign is as follow.

**Photograph VII: Sign a petition campaign on International Day for Biodiversity**

**III. World Environmentday, 5<sup>th</sup> June 2019**

‘Morning walk’ with college students to protect Environment had been organized on the occasion of World Environment day. UN Environment certified Zoo Education officer as ‘World Environment Hero’. During this morning walk campaign we accepted the challenge of wearing mask and joined the theme of UN environment ‘Beat Air pollution’ which was hosted by China. More than 50 college students and zoo staff attended the morning walk and placarding the town and public with environmental messages.

**Photograph VIII: World Environmental Day Celebration.*****IV. International Tiger Day, 29<sup>th</sup> July 2019***

Zoo officials and entire staff took oath to save tiger and cut the cake on the occasion of international Tiger day.

**Photograph IX: International Tiger Day Celebration.*****V. Friendship Day, 4th August 2019***

This day is celebrated in presence of Zoo staff and volunteers by tying the friendship band to trees and animal statue to convey the message that all the 'staff is tied in the knot of Friendship with nature' and taken oath of environment and wildlife conservation. Pictures of the day are as follows.



**Photograph X: Friendship day Celebration.**

#### ***VI. Ozone Day, 16<sup>th</sup> September 2019***

Zoo Education Officer delivered a lecture on Ozone Day to college students. Students also actively participated in the question and answer session of lecture.

**Photograph X: lecture on Ozone Day.**

#### ***VII. Wildlife Week Celebration, 1<sup>st</sup> to 7<sup>th</sup> October 2019***

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 1st October to 7 October

2019 we have celebrated wildlife week in collaboration with, Maharashtra Zoo Authority, Nagpur and Kamala NehruMahavidyalaya, Nagpur. On the date wise occasion various activities, competitions, guest lectures and zoo visits have been planned. Date wise program during Wildlife Week, 2019 is elaborated below.

- **1<sup>st</sup> October 2019:**

Intercollegiate Debate Competition on the Topic ‘Culling of Wild Animal’ was organized by Maharajbag Zoo at Kamala Nehru College and Drawing Competition was held at Maharajbag Zoo in collaboration with Maharashtra Zoo Authority.



**Photograph XI: Intercollegiate Debate and drawing competition.**

- **2<sup>nd</sup> October 2019:**

Students of Kamala NehruMahavidyalaya visited the zoo where curator and Education Officer brief them about feeding, maintenance and enrichment of the Zoo and animals.



**Photograph XII: Zoo Visit of College students.**

- **3<sup>rd</sup> October 2019:**

Poster activity is held with two groups of college students in the zoo premises. The first group was asked to select 5 colours of their choice to draw a nature. As soon as 1<sup>st</sup> groups drawing completed 2<sup>nd</sup> group asked to draw Nature with remaining colours from 1<sup>st</sup> group. The result was 1<sup>st</sup> groups drawing was colorful resembling to ideal nature imagination compared to 2<sup>nd</sup> groups drawing which was made with remaining dark colour. At the end both the groups shown their drawings to each other and Education officer explained them the importance of Nature Conservation and sustainable use of Natural resources with above activity.



**Photograph XIII: Poster Activity with College students**

- 4<sup>th</sup> October 2019:**  
 4<sup>th</sup> day of wildlife week and World animal day was celebrated together by organizing guest lecture of 'Dr. RavikantKhubragade, Veterinary Officer (Wildlife), Tadoba-Andhari Tiger Reserve' on the topic 'Man-Animal conflict'. College students attended the lecture and found curious about the lecture and lecturer as well because he was sharing his experience with the students and shown the 10 min video about rescue of 2 years old Tiger which was in separation phase and had killed and injured 6-7 villagers.



**Photograph XIV: Moments of Guest Lecture**

- 5<sup>th</sup> October 2019:**

On 5<sup>th</sup> Day, aSkill Development Activity- Seed Bomb Preparation has been organized in the Kamala NehruMahavidyalaya, Nagpur. More than 50 students prepared the seed Bomb and preserved it to be planted in the rainy season.



**Photograph XVI: Workshop on Seed Bomb Preparation**

- **7<sup>th</sup> October 2019:**  
Prize distribution was organized on the last day of Wildlife week.



**Photograph XVII: Prize Distribution**

### **VIII. World Wildlife Day, 3rd March 2019**

Zoo visit of 'Institute of Science, Nagpur' students had been arranged on the occasion of World Wildlife Day, 2019. Students are guided by Zoo curator, Education Officer and Livestock supervisor. Zoo maintenance, feeding, Cleaning activities are explained to children.



**Photograph XVII: World Wildlife Day, 2019**

***IX. 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.

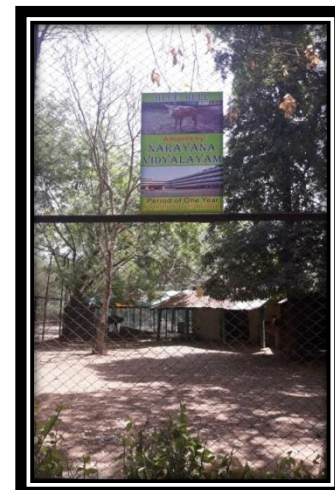


**Photograph XVIII: Zoo Education**



## Important events and happenings:

- Blue bull is being adopted for the year 2019-20 by NarayanaVidyalaya, Nagpur.
- Memorandum of Understanding (MoU) with 2nos. of RTMN University colleges namely;
  - Kamala NehruMahavidyalaya, Sakkardara, Nagpur
  - Institute of Science, Civil lines, Nagpur
- One M.Sc. (Environmental Science) student 'Ms. SamruddhiMetangale' from Institute of Science, Nagpur completing dissertation work on 'Ecological Study of Maharajbag Zoo'.
- Master Plan (Layout) is in principally approved.



Photograph XIX: Blue Bull Adoption

## 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 hey 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, hey 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
	-	Sloth Bear	2:2	Amte's Animal Arc , Hemalkasa, Bhamragadh	22/09/2019
B. Animals going from the Zoo					
	H. No.	Species	Number (M:F)	Going to which Zoo	Date of deposition from the Zoo
	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 2019-2020

#### Endangered species:

S.N	Animals Name	Scientific Name	Stock as on 1.04.2019				Births			Acquisition			Sale/ Disposal			Deaths			Closing stock as on 31.03.2020			
			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>Pavocristatus</i>	3	2	0	5	0	0	2	0	0	0	0	0	0	1	2	0	2	0	0	2
	<b>Total Birds</b>		3	2	0	5	0	0	2	0	0	0	0	0	0	1	2	0	0	0	0	2
<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
	<b>Total Reptiles</b>		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>	0	1	0	1	0	0	0	2	2	0	0	0	0	0	0	0	2	3	0	5
2	Tiger	<i>Panthera tigris</i>	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
3	Jackal	<i>Canis aureus</i>	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
4	Leopard	<i>Panthera pardus</i>	4	4	0	8	0	0	0	0	0	0	0	0	2	1	0	2	3	0	5	
5	Chinkara	<i>Gazella gazellabennetti</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	
6	Black Buck	<i>Antelope cervicapra</i>	7	6	0	13	0	0	0	0	0	0	0	0	0	0	0	7	6	0	13	
7	Rhesus Macaque	<i>Mucacamelus</i>	3	2	0	5	0	0	0	0	0	0	0	0	0	0	0	3	2	0	5	
9	Otter	<i>Lontra canadensis</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	



S.N.	Animals Name	Scientific Name	Stock as on 1.04.2019				Births			Acquisition			Sale/ Disposal			Deaths			Closing stock as on 31.03.2020			
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
10	Four Horned Antelope	<i>Tetracerus quadricornis</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
	<b>Total mammal</b>		<b>16</b>	<b>16</b>	<b>0</b>	<b>32</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>0</b>	<b>18</b>	<b>18</b>	<b>0</b>	<b>36</b>
	<b>Total animals / Birds</b>		<b>20</b>	<b>19</b>	<b>0</b>	<b>39</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>21</b>	<b>19</b>	<b>0</b>	<b>40</b>

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

### Other than endangered species:

S. N.	Animals Name	Scientific Name	Stock as on 1.04.2019				Births			Acquisition			Sale/ Disposal			Deaths			Details not given			Closing stock as on 31.03.2020						
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T			
<b>BIRDS</b>																												
1	Alexandrine parakeet	<i>Psittaculae upatria</i>	7	7	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	7	0	14
2	Rose ring parakeet	<i>Psittaculakr ameri</i>	8	3	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	3	0	11
4	Cockatiel	<i>Nymphicush ollandicus</i>	0	0	45	45	0	0	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	100
5	Budgerigar	<i>Melopsittac usundulatus</i>	0	0	95	95	0	0	105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	200	200
6	Emu	<i>Dromaiusno vaehollandi ae</i>	2	3	0	5	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2	2	0	4
	<b>Total Birds</b>		<b>17</b>	<b>13</b>	<b>140</b>	<b>170</b>	<b>0</b>	<b>0</b>	<b>160</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>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>17</b>	<b>12</b>	<b>300</b>	<b>329</b>
<b>REPTILES</b>																												
1	Tortoise Indian Star	<i>Geochelone elegans</i>	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	<b>Total</b>		<b>1</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>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>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>



S. N.	Animals Name	Scientific Name	Stock as on 1.04.2019				Births			Acquisition			Sale/ Disposal			Deaths			Details not given			Closing stock as on 31.03.2020				
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T	
	<b>Reptiles</b>																									
<b>MAMMALS</b>																										
1	Blue Bull	<i>Boselaphus tragocamelus</i>	5	6	0	11	0	0	0	0	0	0	0	0	0	1	0	0	0	0	5	5	0	10		
2	Spotted Deer	<i>Axis axis</i>	10	23	0	33	0	0	0	0	0	0	0	0	0	0	0	0	0	10	23	0	33			
	<b>Total mammals</b>		<b>15</b>	<b>29</b>	<b>0</b>	<b>44</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>0</b>	<b>0</b>	<b>15</b>	<b>28</b>	<b>0</b>	<b>43</b>			
	<b>Total animals / Birds</b>		<b>32</b>	<b>42</b>	<b>140</b>	<b>214</b>	<b>0</b>	<b>0</b>	<b>160</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>32</b>	<b>40</b>	<b>300</b>	<b>372</b>		

<b>Grand Total animals / Birds (endangered +other than endangered )</b>	<b>53</b>	<b>61</b>	<b>140</b>	<b>254</b>	<b>0</b>	<b>0</b>	<b>160</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>54</b>	<b>59</b>	<b>300</b>	<b>413</b>
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## 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.	Peacock	<i>Pavocristatus</i>	M	16/04/2019	Died due to shock.
2.	Emu	<i>Dromaiusnovaehollandiae</i>	F	21/06/2019	Death due to bacterial infection.
3.	Peahen	<i>Pavocristatus</i>	F	03/07/2019	Died due to Colisepticemia.
4.	Bluebull	<i>Boselaphustragocamelus</i>	F	18/09/2019	Dies due to Pneumonia.
5.	Peahen	<i>Pavocristatus</i>	F	29/11/2019	Died due to Colisepticemia



## Compliance with conditions stipulated by the Central Zoo Authority:

### Expected required actions/orders/resolutions/evidences for fulfilling the compliances for appeal for reconsideration of cancellation of recognition of Maharajbag Zoo

Sr. No.	Norm under RZR	Violations of Recognition of Zoo Rules	Compliance pending since	Submission by the Zoo Operator	Compliance reported by the Zoo Operator	Remarks by Central Zoo Authority	Required compliances for recognition
General requirements							
1	10 (1.3)	The Zoo operator has failed to stop the Yoga Classes being held within the premises of the Zoo.	Violations observed during present evaluation dated 18.1.2018 also pending since 29.11.2016	We shall stop yoga classes in within one month from 10 <sup>th</sup> May 2018 and all boards/signage relating to the yoga classes shall be relating to the yoga classes shall be removed from the zoo campus.	Nil	The compliance in this regard is pending since 29.11.2018 and it has not been complied And it has not been complied till the date of hearing	A meeting conducted with the morning walker and they are ready to stop yoga classes. And they have removed the boards of asan mandal Professor of horticulture also issued circular in this regard. The copy of circular dated 26.12.2018 is annexed at C/1. Hence submitted for compliance. As per norms of RZR 10 (1.3), the yoga classes in the premises of the Zoo has been initiated to stop as per letter No. 148 dated 06-06-2018 and all the boards/banners regarding yoga mandal has been removed (photographs are attached) C/3. Against which the Yoga Mandal filed writ petition C/5 to C/7 in the Mumbai High Court. The Hon'ble court issued stay order therefore the matter is pending under litigation.
2	10 (1.3)	The Zoo has failed to provide appropriate barrier to separate the children play area.	Violations observed during present evaluation dated 18.01.2018 and also pending since 29.11.2016.	The chain link barrier shall be strengthened and made effective barrier within next 15 days.	Requires approval of the Master (Layout) Plan and Master Plan.	The compliance in this regards is pending since 29.11.2016 and it has not been complied till the date of hearing.	The Zoo has erected barrier to separate the children play area. Photographs showing the same are annexed at C/9. Hence submitted for compliance.
3	10 (1.3)	a) The Zoo has failed to provide circulation pathway for movement of visitors.	11.04.2011	a. At present provided and will be updated according to Layout plan.	Requires approval of the Master (Layout) Plan and Master Plan.	The compliance in this regard is pending since 11.04.2011 and it has not been compiled till the date of hearing	The Zoo has created circulation pathway for movement of visitors. Photographs showing the same are annexed at C/11 A. Hence submitted for compliance.

Sr. No.	Norm under RZR	Violations of Recognition of Zoo Rules	Compliance pending since	Submission by the Zoo Operator	Compliance reported by the Zoo Operator	Remarks by Central Zoo Authority	Required compliances for recognition
		b) The Zoo has failed to stop free entry of morning walkers		b. Morning walkers inside the Zoo will be stopped within a month.		The screening of adjacent animal enclosure is required for the captive animals	Meeting conducted with morning walkers and they have accepted to stop free entry in the Zoo. Board already displayed at entry to stop morning walkers C/13. Circular already issued to stop entry of morning walkers and save the Maharajbag from de-recognition C/15. Hence submitted for compliance.
		c) The Zoo has failed to provide appropriate screening between the Sambar enclosure and Arogya Ashram Mandal which is next to the Sambar enclosure		c. As the Ashram will be closed there will be no need of screening between the Sambar enclosure		The operation of Arogya Ashram next to Sambar enclosure is not in the interest of wellbeing of the captive animals as well as human beings.	Vegetative screening between ashram mandal and enclosure is provided C/17-A. Hence submitted for compliance.
4	10(1.4)	The Zoo has failed to submit details regarding the 12 mtr. wide road inside the zoo premises which is very close to nala and to the zoo periphery.	Violations observed during present evaluation dated 18.01.2018	The said road is being now outside the zoo premises and the boundary wall of 2 mtr high is under construction. It will be completed within six months from 11 <sup>th</sup> May 2018.	Nil	The Violation observed during evaluation dated 18.01.2018. The Nala is causing adverse impact on the health of animals since 1994, the nala was causing environment problems to the Animals.	Details of giving NOC from Registrar enclosed herewith C/19. Moreover for providing vegetative barrier in between enclosure and nala is provided on east side C/11-B & C/21-A. On south side of the Zoo appropriate wall separating the Zoo and nala is constructed C/21-D. Hence submitted for compliance.



Sr. No.	Norm under RZR	Violations of Recognition of Zoo Rules	Compliance pending since	Submission by the Zoo Operator	Compliance reported by the Zoo Operator	Remarks by Central Zoo Authority	Required compliances for recognition
5	10(1.4)	The Zoo has failed to construct the Barrier/Boundary wall broken/fallen at various places to regulate the access of unregulated visitors and stray animals. The Zoo has also failed to construct Boundary wall on west side and east side of the zoo.	16.01.2015 and 11.04.2011	Work is in progress on east side and photograph is attached.	Nil	The Violation is pending since 11.04.2011 and has not been complied inspite of reminder on 16.01.2015. The boundary wall must be of 2 m height which is surrounded by 2009 human landscape as per the Recognition of Zoo Rules.	The Zoo have erected appropriate boundary walls on east, north & south side. Moreover repaired the Barrier/Boundary wall broken/fallen at various places for addressing the issue, along with chain link fencing is also erected on west side, hence unregulated visitors and stray animals wont enter in Zoo premises. As the sanction to the master plan is awaited the work in this regard is in progress. The photographs and the relevant documents are attached at C/21. Hence submitted for compliance.
6	10(1.5)	The Zoo has failed to stop selling of food in plastic at the food outlets	29/11/2016	It has been stopped by the Zoo and also banned by the Maharashtra government	Nil	Complied	Complied
7	10(1.7)	The Zoo has failed to dispose off the solid and liquid waste and effluent generated in the Zoo in an appropriate manner.	11/04/2011	The Zoo has a contract with the supplier (Mohd. Shaffi Nawab Quraishi) to remove the solid waste on day by day basis. Copy of the contract will be provided within one week	Nil	The photograph of condition prevailing in the Zoo was shown during the hearing. A Copy of the same is annexed herewith. Documentary evidence in support of the claim has not been submitted inspite of opportunity being provided. The compliance is pending since 11-04-2011	The Maharajbag Zoo Operator has made the arrangement to dispose off the solid and liquid waste generated in the Zoo according to the waste disposal system of Nagpur Municipal Corporation. Moreover at present the leftover food is disposed by the food suppliers. The annual contract to remove the garbeges solid as well as liquid waste on day to day basis has made with the outsource agency at C/23-C/25.

Sr. No.	Norm under RZR	Violations of Recognition of Zoo Rules	Compliance pending since	Submission by the Zoo Operator	Compliance reported by the Zoo Operator	Remarks by Central Zoo Authority'	Required compliances for recognition
8	10 (1.9)	The Zoo has failed to stop entry of feral dogs to the Zoo	Violations observed during present evaluation dated 18-01-2018 and also pending since 29-11-2016, 16-01-2015 and 11-04-2011	The Zoo will strengthen the under construction wall till it is fully completed or covered by chain link fence or any other barrier so as to prevent the entry of dogs. Necessary modifications shall also be carried out in the main entry and exit gates as well as service entry and exit of the zoo within two months which shall not allow entry of dogs to the Zoo	NIL	The Violation pending since 11-04-2011 for compliance in spite of reminders on 16-01-2015 & 29-11-2016. It was also observed during evaluation dated 18-01-2018	The Zoo have repaired all the damaged boundary walls and chain link barriers are also erected due to which entry points of feral dogs is sealed totally The photographs and the relevant documents are attached at C/21 and C/27. Hence submitted for compliance.

Sr. No.	Norm under RZR	Violations of Recognition of Zoo Rules	Compliance pending since	Submission by the Zoo Operator	Compliance reported by the Zoo Operator	Remarks by Central Zoo Authority	Required compliances for recognition
2	Administrative and Staffing pattern						
9	10 (2.1)	The Zoo has failed to create an administrative hierarchy with adequate financial and administrative powers to the officer in charge	16/01/2015	The Zoo operator (Vice-Chancellor) Dr. P.D.K.V., Akola will submit the copies of order within one month	NIL	The compliance is pending since 11-04-2011 inspite of reminder on 16-01-2015. The Zoo does not have a full time Officer in charge with administrative and financial powers. The Zoo does not have even a Veterinary Officer and neither does it have a Curator or Biologist which is strictly non fulfilling the criteria laid down under the Recognition of Zoo Rules 2009. The Zoo is housing endangered species of animals also	The Associate Dean is declared as the Zoo Controller. The power to sanction all the recurring expenditure has been vested with the Associate Dean as a Zoo Controller. The copy of same is annexed at C/29. The Assistant Professor of Veterinary Science is working as full time Officer Incharge, Maharajbag Zoo. He is posted as Drawing and Disbursing Officer for all means of the Maharajbag Zoo C/31-32, the copy of delegation of financial powers of Zoo Controller and Zoo Incharge is annexed at C/33 to C/77. Thereby the Zoo Controller and Zoo Incharge are competent to take administrative and financial decisions to address the urgent and needful issues of zoo. Adequate funds are allotted as per their requirement by the University. The copy of Allotment and Expenditure of the Zoo for last three years is annexed at C/79. The full time veterinary officer is also working with Maharajbag Zoo. The Zoo curator, Education Officer/ Biologist are filled on contract basis. The hierarchy for the administration with adequate financial and administrative powers is as shown on the separate sheet which is annexed at C/81. To preserve & develop the various plant species and greenery of the garden the responsibility is entrusted to the Professor of Horticulture. Hence submitted for compliance.



Sr. No.	Norm under RZR	Violations of Recognition of Zoo Rules	Compliance pending since	Submission by the Zoo Operator	Compliance reported by the Zoo Operator	Remarks by Central Zoo Authority	Required compliances for recognition
10	10(2.2)	The Zoo operator has failed to deploy full time Officer-In-Charge and Biologist cum Education Officer	Violations observed during present evaluation dated 18-01-2018 since and also pending since 16.01.2015, 11.04.2011	The zoo Operator will submit a copy of Order on deployment of full time Officer in-Charge, curator (on contract), Veterinary Officer and Biologist cum Education Officer (on contract), stockman/ compounder (on contract) within two months.	Nil	The compliance is pending since 11.04.2011 in spite of reminder on 16.01.2015. The Zoo does not have a full time Officer in charge with administrative and financial powers. The Zoo does not have even a Veterinary Officer and neither does it have Curator or Biologist which is strictly non-fulfilling the criteria laid down under the Recognition of Zoo Rules, 2009. The Zoo is housing endangered species of animals also No. Copy of order received in the Central Zoo Authority regarding the appointment.	The Zoo operator has already appointed Assistant Professor Veterinary Science as the full time Officer In-charge, Maharajbag Zoo. The Biologist cum Education Officer has been appointed on contract basis C/83 & C/85. The copy of advertisement for Walk in Interview and selection procedure for Zoo Curator and Biologist cum Education Officer is annexed at C/87. Hence submitted for compliance.
3	Development and planning						
11	10(3.7)	The zoo has failed to produce records regarding the release of rescued Palm civet and rescued kite	29.11.2016	The kite and Palm Civet were released without permission from the CVVLW or the authorized officer	Nil	It is case of violations of the Wild Life (protection) Act, 1972 and the Recognition of Zoo Rules, 2009.	Animals are accepted for saving life of wildlife and released without records due to inadequate staff. In future if we get adequate staff so appropriate records would be maintained.

Sr. No.	Norm under RZR	Violations of Recognition of Zoo Rules	Compliance pending since	Submission by the Zoo Operator	Compliance reported by the Zoo Operator	Remarks by Central Zoo Authority	Required compliances for recognition
12	10(3.7)	The Zoo has failed to provide enclosure to the seized Otter which was handed over to the zoo, as per the size prescribed by the CZA.	29.11.2016	Appropriate enclosure will be constructed after the approved of master layout Plan.	Requires approval of the Master (Layout Plan and Master Plan	The compliance is pending since 29.11.2016. The Zoo must provide enclosure to the Seized Otter which is other wise a violation of Schedule (2) of Rule 10 under the Recognition of Zoo Rules 2009.	The Otters are housed in off exhibit area and water pond is provided. Once Master plan, layout plan got approved we would get the approval of design and drawing of the enclosure and we would erect appropriate enclosure C/89.
13	10(3.7 &8)	The Zoo has failed to take prior permission from the Chief Wildlife Warden of the State and the Central Zoo Authority as mandatory under Section 38 I for acquiring the rescued wild Tigresses cubs and also accepted the Four leopards rescued and two Smooth coated otters.	Violations observed during present evaluation dated 18.01.2018 and also pending since 11.04.2011	The documents will be submitted within one week by email.	Submitted document dated 23.01.2018	Operator has been committing repeated offence under provisions of the Section 38. I of the Wild Life (Protection) Act. 1972 despite repeated directives from the CZA. The species. (Bengal Tiger) report on its source, legality and facility for housing. Upkeep and healthcare of the rescued animals is not submitted to the CZA document produced is in Marathi text and could not be comprehended Through the rescued animal pertains to the endangered	All the documents will be made available in English. The due care will be taken in future.

Sr. No.	Norm under RZR	Violations of Recognition of Zoo Rules	Compliance pending since	Submission by the Zoo Operator	Compliance reported by the Zoo Operator	Remarks by Central Zoo Authority	Required compliances for recognition
14	10(3.7)	The Zoo has failed to submit report to the CZA about the rescue of any endangered animal and also failed to take period permission about housing the rescued animal from the CWLW, Maharashtra.	11.04.2011	The documents will be submitted within one week by email.	Same as above	The compliance is pending since 11.04.2011 and no documentary evidence submitted to the CZA with respect to Report on rescued animals submitted to the Chief Wildlife Warden and the CZA	CZA has been informed through submitting inventory, reports will be submitted separately in future.
4	Animal housing, display of animals and animal enclosures.						
15	10(4.2)	The Zoo has failed to provide the animal enclosures for Sloth bear, leopard, Rhesus macaque and Common Langur meeting the norms prescribed by the CZA.	Violations observed during present evaluation dated 18.01.2018 and also pending since 11.04.2011.	We are waiting for the approval of the Master Layout Plan.	Requires approval of the Master (Layout) Plan and Master Plan.	The compliance is pending since 11.04.2011 and also observed violation during present evaluation dated 18.01.2018. The sloth Bear, Leopard, Rhesus macaque and Common Langur may be shifted to Gorewada Zoo, Nagpur.	The Master Plan for development of Maharajbag Zoo is submitted for its approval. The Zoo Operator is trying to establish the proper enclosures for the animals. After approval of Master Plan and Drawing & Design of every enclosure we would erect enclosures for every animals as per prescribed by CZA and if failed would shift animals Gorewada Zoo. Master Plan is already submitted by updating three times C/89.

Sr. No.	Norm under RZR	Violations of Recognition of Zoo Rules	Compliance pending since	Submission by the Zoo Operator	Compliance reported by the Zoo Operator	Remarks by Central Zoo Authority	Required compliances for recognition
16	10(4.2)	The Zoo has failed to remove partition between the Leopard and Sloth bear enclosure which may be used for housing of Leopard only.	Violations observed during present evaluation dated 18.01.2018 and also pending since 29.11.2016.	Agreed for shifting of leopard to Gorewada Zoo.	Nil	The compliance is pending since 29.11.2016 and violation was also observed during evaluation dated 18.01.2018. The animal has been placed under stress due to negligence and non-compliance of the CZA directives by the zoo authorities.	The request for shifting of either Leopard or Sloth Bear has been made to MSZA, letter is annexed at C/91 to C/97. The Master Plan for development of Maharajbag Zoo is submitted for its approval C/89. The Zoo would send excess animals to another recognized Zoo with appropriate permissions if failed to construct proper enclosures after approval of Master Plan, Layout Plan and drawing and designing of every enclosures. Hence submitted for compliance.
17	10(4.2)	The Zoo has failed to shift the Blue bull and Blackbuck housed next to the tiger enclosure to the newly constructed herbivore enclosure	29.11.2016.	New enclosure will be ready within two months and animals will be shifted.	Nil	The compliance is pending since 29.11.2016.	The Blue bull and Blackbuck will be shifted shortly to new enclosure. The work is in progress. After approval of Master Plan the work will be completed accordingly. Hence submitted for compliance.
18	10(4.2)	The Zoo has failed to stop display and control the excess number of birds in the exotic birds aviaries as per the carrying capacity of the aviaries. The zoo has also failed to enrich the exotic birds aviaries.	Violations observed during present evaluation dated 18.01.2018 also pending since 29.11.2016.	The surplus exotic birds shall be given to the zoos having appropriate housing facilities. A proposal in this regard shall be submitted to the CZA within a month.	Nil	The compliance is pending since 29.11.2016 and also observed during evaluation dated 18.01.2018.	More space provided for birds and enrichments are also updated C/99.

Sr. No.	Norm under RZR	Violations of Recognition of Zoo Rules	Compliance pending since	Submission by the Zoo Operator	Compliance reported by the Zoo Operator	Remarks by Central Zoo Authority	Required compliances for recognition
19	10(4.2)	The zoo has failed to house the fishes in natural and hygienic condition in the Aquarium	Violations observed during present evaluation dated 18.1.2018	Will be upgraded within two months	Nil	The animal species kept in the Aquarium has not been made part of the Annual inventory of animals submitted to the CZA under Rule 11(1) of the Recognitions of Zoo Rules, 2009. The violation observed during present evaluation dated 18.01.2018. The Aquarium must be neat and clean.	The Aquarium is built and operated by contractor at present therefore it is not covered in annual inventory of animals. It will be taken in the annual inventory from this year. Presently it is maintained in neat & clean manner C/101. Hence submitted for compliance.
20	10(4.2)	The Zoo has failed to provide good quality soil in the spotted deer enclosure as per the requirement and behavioral needs of the species.	Violations observed during present evaluation dated 18.01.2018 and also pending since 29.11.2016.	More soil will be provided after removal of stones within one month.	Nil	The compliance is pending since 29.11.2016 and also observed during present evaluation dated 18.01.2018. Nothing Concrete has been done in this regard. The photographs of Spotted deer enclosure with concrete waste and boulders taken on 18.01.2018 during evaluation were shown to the representative of the Zoo Operator during hearing and annexed herewith.	The enclosures of spotted dears has been enhanced as per norms and good quality soil is applied to inside area of the enclosure photographs regarding the same are annexed at C/103. Hence submitted for compliance.



Sr. No.	Norm under RZR	Violations of Recognition of Zoo Rules	Compliance pending since	Submission by the Zoo Operator	Compliance reported by the Zoo Operator	Remarks by Central Zoo Authority	Required compliances for recognition
21	10(4.2)	The Zoo has failed to provide proper inlet-outlet facility for the water body inside the aviary.	11.04.2011	Domestic birds in the aviary have been removed and shifted to another department of the University of Akola. Details shall be submitted within one week by email.	Document submitted.	The Violation is pending since 11.04.2011. No documentary evidence has been submitted till date. As the document submitted is in Marathi, it could not be comprehended.	In future, documents will be provided in English and photographs for compliance are annexed at C/17-B. Hence submitted for compliance.
22	10(4.2)	The Zoo has failed to make the leopard enclosure of the area and dimensions as prescribed by the CZA. And also failed to house leopard as per the carrying capacity of the enclosure	11.04.2011	Will be done after approval of Master Layout plan	Requires approval of the Master (Layout) Plan and Master Plan.	The Compliance is pending since 11.04.2011 and same thing repeated till 18.01.2018.	Letter attached regarding submission of Master plan for approval at C/89. The Maharajbag Zoo Authority is trying is level best for the animal welfare within the resource available with it. As soon as the Master Plan will approved the proper enclosures will be constructed as per the area and dimension. If the CZA is not satisfied with the carrying capacity of enclosure for leopard, the excess animal may be shifted to Gorewada Zoo as per the appropriate directives of CZA.

Sr. No.	Norm under RZR	Violations of Recognition of Zoo Rules	Compliance pending since	Submission by the Zoo Operator	Compliance reported by the Zoo Operator	Remarks by Central Zoo Authority'	Required compliances for recognition
23	10(4.2)	The Zoo has failed to remove the tile flooring with rough cemented surface in the rhesus macaque enclosure.	11.04.2011	Garden soil be provided within a week.	Nil	The compliance is pending since 11.04.2011 and no document received regarding Garden soil. The photographs collected during evaluation of the zoo were shown to the representative of the Zoo Operator during hearing. The Photos show that the Macaque enclosure does not meet the biological and behavioral requirements, of the animals, of the animal, neither it meets the minimum dimension as of prescribed by CZA.	It is duly complied and photographs are annexed at C/105. Hence submitted for compliance.
24	10(4.2 & 3)	The Zoo has failed to shift Emu which is housed next to Tiger enclosure, to other enclosure.	29.11.2016.	Will be done after approval of Master Layout Plan.	Requires approval of the Master (Layout) Plan and Master Plan	The compliance is pending since 29.11.2016. The Time of India reported on 12.02.2017 that due to lack of attention an Emu died at Maharajbag Zoo around 6 p.m. The animal has been kept under continuous stress.	Erection of enclosure for Emu is in process and Emu will be shifted soon. The work is in progress. After approval of Master Plan the work will be completed accordingly C/89.
25	10(4.7)	The Zoo has failed to provide adequate screening space between the adjacent enclosures while designing the new enclosure of animals.	16.01.2015	Will be done after approval of Master Layout Plan	Nil	The compliance is pending since 16.01.2015.	At present vegetative screening has been established in between the two adjacent enclosures C/107, and future designing of the enclosures would be done if the master plan got approved which is submitted at C/89 as submitted previously.

Sr. No.	Norm under RZR	Violations of Recognition of Zoo Rules	Compliance pending since	Submission by the Zoo Operator	Compliance reported by the Zoo Operator	Remarks by Central Zoo Authority	Required compliances for recognition
26	10(4.7)	The zoo has failed to provide screening between exotic birds and Indian birds.	Violation observed during present evaluation dated 18.01.2018 and also pending since 29.11.2016	Will be done after approval of Master Layout Plan	Nil	The compliance is pending since 29.11.2018 and was also observed during present evaluation dated 18.01.2018	Duly complied and photograph is annexed at C/99-B. Hence submitted for compliance.
27	10(4.10)	The zoo has failed to provide signage's at the animals enclosures containing the biological information on the species housed therein	Violations observed during present evaluation dated 18.01.2018 and also pending since 11.04.2011.	Will submit the concerned photographs within one week.	Images produced of signage at animal enclose as and labeling of trees in the zoo.	The compliance is pending since 11.04.2011 and inspite of reminder on 16.01.2015. Also observed violation on 18.01.2018. The photograph collected during evaluation shown to the representative of the Zoo Operator during hearing. The images of signage produced in the report of compliance is for 15 species in Marathi language. Bilingual signage with information on biology, behavior, population status and conservation status of the species housed in the enclosure is to be displayed to visitors for all the species.	Duly complied photographs are annexed at C/109 .
		The zoo has failed to provide Directional and warning signage's at all relevant places.	16.01.2015.				Duly complied photographs are annexed at C/111 & C/113.
		The zoo has also failed to label tree and plants.	16.01.2015.				Duly complied photographs are annexed at C/115 & C/117 .

Sr. No.	Norm under RZR	Violations of Recognition of Zoo Rules	Compliance pending since	Submission by the Zoo Operator	Compliance reported by the Zoo Operator	Remarks by Central Zoo Authority	Required compliances for recognition
5	Upkeep and healthcare of animals						
28	10(5.19)	The Zoo has failed to provide footbath at the entrance of each night house.	16.01.2015.	It shall be started immediately	Submitted images	The compliance is pending since 16.01.2015. From the ten Images submitted, compliance is not verifiable whether the service entry to all animal enclosure is provided.	Duly complied photographs are at C/119. Hence submitted for compliance.
29	10(5.2)	The Zoo has failed to test random samples of food and water regularly.	16.01.2015	It shall be started immediately	Nil	Complied	Complied
30	10(5.2)	The Zoo has failed to prepare the diet chart for all animals in consultation with the Veterinary Officer.	11.04.2011	Displayed at feeding cubicle and food distribution room	Nil	The compliance is pending since 11.04. 2011. Not produced any documentary evidence about the Diet Chart in this matter that is easily verifiable through the documents.	The diet is chart is prepared and followed the photographs are annexed at C/121 & C/123. Hence submitted for compliance.
31	10(5.3)	The Zoo has failed to prepare written schedule for vaccination and deworming	16.01.2015	Displayed at every enclosure	Nil	The compliance is pending since 16.01.2015 No documentary evidence about the Vaccination and deworming schedule was produced. Not produced any documentary evidence about the Diet Chart in this matter that is easily verifiable through the documents.	Duly complied photographs are at C/125 & C/127. Hence submitted for compliance.

Sr. No.	Norm under RZR	Violations of Recognition of Zoo Rules	Compliance pending since	Submission by the Zoo Operator	Compliance reported by the Zoo Operator	Remarks by Central Zoo Authority'	Required compliances for recognition
32	10(5.5)	The meat handler at the zoo has failed to use hand gloves	16.01.2015	It is being purchased regularly, but we are unable to use because of shortage of supervisory personnel.	Nil	The compliance is pending since 16.01.2015. This is a basic requirement of Animal Upkeep which the Zoo Operator has failed to provide. The zoo authority has admitted the shortage of manpower for proper operation of the zoo.	The manpower has been further strengthened and meat handlers are using hand gloves regularly. Hence submitted for compliance.
33	10(5.5)	The Zoo has failed to remove the waste material, plastic bottle lying inside the animal enclosures and unused bricks from the Neelgai enclosure.	11.04.2011	Veterinary Office - 1 At present the zoo has following manpower for management of the zoo: Officer In-Charge - 1 Livestock Supervisor -2 Labour -21 3(regular), 5 daily wager) 16 (on contract) Security Guards-4 (Outsourced). The documents in this regard shall be within a week	Nil	No documents received till date. The Zoo Operator appears to be non-serious about the operation of Zoo as per Rules. The compliance is pending since 11.04.2011. As per photographs attached herewith, it is seen that the Veterinary Hospital of the Zoo is not being used for treatment of the animals. Instead being used as Scrap Store.	Adequate supporting staff is provided. The photographs regarding the neat and clean enclosure without any waste material, plastic free and unused brick is enclosed at C/129. Hence submitted for compliance.

Sr. No.	Norm under RZR	Violations of Recognition of Zoo Rules	Compliance pending since	Submission by the Zoo Operator	Compliance reported by the Zoo Operator	Remarks by Central Zoo Authority	Required compliances for recognition
34	10 (5.7)	The Zoo has failed to create covered drainage for meat storage facility	16/01/2015	The meat storage facility does not exist in the zoo. The area where meat is kept is not required to be washed. So the water is not flowing from the area	NIL	Complied	Complied
35	10(5.9)	The zoo has failed to screen the staff regularly for zoonotic diseases.	11.04.2011	The regular checkup is carried out. Sample documents in this regard has been submitted.	Nil	The compliance is pending since 11.04.2011. A sample document of routine medical check-up of one employee was produced which also appeared not to be of the Zoo employee. Further , no test/examination for zoonotic disease including Tuberculosis have been carried out in spite of assurance given at the Time of hearing the documents pertaining to list of zoo employees and their corresponding medical examination records have not been produced till date.	C/131 to C/133



Sr. No.	Norm under RZR	Violations of Recognition of Zoo Rules	Compliance pending since	Submission by the Zoo Operator	Compliance reported by the Zoo Operator	Remarks by Central Zoo Authority	Required compliances for recognition
36	10(5.10)	The zoo has failed to maintain the Animal History Cards in the format as prescribed by the CZA.	Violations observed during present evaluation dated 18.01.2018 and also pending since 29.11.2016.	Documents will be submitted within a week by email.	Produced copy of the Animal History Card.	The compliance is pending since 29.11.2016 and was also observed during present evaluation dated 18.01.2018 in spite of assurance given at the time of hearing, no documents have been submitted till date. The animal History Cards of Four horned antelope, Leopard, Marsh crocodile, Common langur, otter, Sloth bear and Tiger enclosed indicate that most of the particulars are left blank and the animals are not marked for verifiable identify. Thus the purpose of Animal History Cards is defeated.	The history card are updated and sample updated copy is enclosed at C/135 to C/137

Sr. No.	Norm under RZR	Violations of Recognition of Zoo Rules	Compliance pending since	Submission by the Zoo Operator	Compliance reported by the Zoo Operator	Remarks by Central Zoo Authority	Required compliances for recognition
6	Veterinary and infrastructure facilities						
37	10(6.1, 2 & 3)	The Zoo has failed to upgrade the Veterinary facilities. The Zoo has also failed to monitor health of the animals and failed to appoint compounder.	16.01.2015 and 11.04.2011	The animals are being provided treatment in the night shelters of the enclosure. The veterinary hospital is not functional due to shortage of technical personal as such the files and other material showing in the photograph is tying in the hospital.	Nil	It is shocking and also unacceptable that the animals do not have facility of proper Veterinary Hospital in spite of statutory provision and repealed direction from this Authority. It is not acceptable at all keeping in view welfare of the animals. The compliance is pending since 11.04.2011. Even the other equipment and medicine for treatment of captive animals were not found to be in order. The photograph collected during evaluation was shown to representative of the Zoo Operator during the hearing it is attached herewith.	The updated facility of Veterinary Hospital has been made available. The photographs are enclosed herewith at C/139. The fulltime veterinary officer is posted to look after the hospital. The work of compounder is assigned to an animal keeper.



Sr. No.	Norm under RZR	Violations of Recognition of Zoo Rules	Compliance pending since	Submission by the Zoo Operator	Compliance reported by the Zoo Operator	Remarks by Central Zoo Authority	Required compliances for recognition
7	Post-mortem and disposal of carcasses of animals.						
38	10(7.2)	The Zoo has also failed to maintain Post Mortem report in the prescribed format of the CZA.	11.04.2011	Record of the Post-mortem of the animals that died in the zoo during the last six year shall be submitted within a week.	Submitted copy of the Post mortem Reports.	No documents produced Rule 10(7) of the Recognition to zoo Rules 2009 provides that the findings of the post mortem examination shall be recorded in such format as may be prescribed by CZA and in this regard shall be maintained for a period not less than 6 Years. From the perusal of the Post mortem Reports submitted subsequent to hearing, it is observed that the zoo did not conducted diagnosis of inconclusive death. This is in Violation of the recognition of Zoo Rules, 2009. Also it is observed that the zoo did not of plastic has been reason for death of captive animals (Nilgai, Sambar) it stands testimony to the conditions prevailing in the zoo. In case of the peafowl died on 13.12.2015, it is recorded that the carcass is putrified it indicates severe negligence. Also it raises serious doubt on the date of death recorded as the post-mortem examination done on the same day of death is also mentioned as putrified. Also it is observed that the	The zoo has started maintain the P.M. report in the format prescribed by CZA and the copy of P.M. report of animals died last year are enclosed at C/141 to C/149.

Sr. No.	Norm under RZR	Violations of Recognition of Zoo Rules	Compliance pending since	Submission by the Zoo Operator	Compliance reported by the Zoo Operator	Remarks by Central Zoo Authority	Required compliances for recognition
						<p>zoo is not maintaining its own post mortem Register in the format prescribed by the CZA. Instead, the reports vary in their format from case to case. Moreover, it is observed that the Local University issued Reports through its Register Report dated 17.08.2013 does not even indicate the species of animal died (neither Common name nor zoological name). None of the Reports issued from the Register of the zoo. It raises serious doubts of possibility of tampering, it is observed that the Registration number issued by the veterinary Council, of the Veterinarian conducted the PM is not mentioned.</p>	



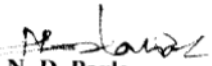
Sr. No.	Norm under RZR	Violations of Recognition of Zoo Rules	Compliance pending since	Submission by the Zoo Operator	Compliance reported by the Zoo Operator	Remarks by Central Zoo Authority'	Required compliances for recognition
9	Acquisition and breeding of animals						
39	10(9.1)	The zoo has failed to pair the single animals	16/01/2018	Communicated to Maharashtra State Zoo Authority and approached various zoos. Will be done accordingly	Renewal of recognition may be given for compliance	The Violation is pending since 16-01-2015	The correspondence regarding the same is made to CCF and Member Secretary, Zoo Authority of Maharashtra, Nagpur copy enclosed at C/91 to C/97 and It would be executed after approval of Master Plan.
40	10(9.4)	The zoo has failed to find mates for the Common langur, Jackel, Chinkara, Sloth bear and Bonnet macaque.	16.01.2015	Communicated to Maharashtra State Zoo Authority and approached various Zoos.	Renewal of recognition may be given for compliance	The compliance is pending since 11.04.2011.	The correspondence regarding the same is made to CCF and Member Secretary, Zoo Authority of Maharashtra, Nagpur copy enclosed at C/91 to C/97
		The Zoo has failed to acquire mate for lone tigress, jackal, common langur, chinkara, Blackbuck, four horned antelope and crocodile	11.04.2011	Will be done accordingly.			The correspondence regarding the same is made to CCF and Member Secretary, Zoo Authority of Maharashtra, Nagpur copy enclosed at C/91 to C/97
41	10(9.7)	The Zoo has failed to take approval from the CZA regarding acquisition and transfer of animals	11.04.2011	Permission shall be taken in future	Nil	The compliance is pending since 11.04.2011. The repeated violation by the zoo authorities is an offence under Section 38 I of the wild Life (protection) Act. 1972.	Letter regarding disposal and release of animals are annexed at C/151 & C/153. Hence submitted for compliance.



Sr. No.	Norm under RZR	Violations of Recognition of Zoo Rules	Compliance pending since	Submission by the Zoo Operator	Compliance reported by the Zoo Operator	Remarks by Central Zoo Authority	Required compliances for recognition
42	10 (9.9)	The zoo has failed to take permission from concerned authorities regarding release of spotted deer in the wild.	11.04.2011	It has been done with the permission of the CZA. Documents will be submitted to CZA within a week through email.	Submitted copy of letter dated 12.12.2006 issued by the CZA and the letter issued by the Chief Wildlife Warden, Maharashtra.	No documents produced during evaluation and personal hearing. On perusal of the documents submitted subsequently. It is observed that the CZA vice letter dated 12.12.2006 reminded the Zoo Operator of his duty to control the population of the Zoo Rules Also, suggested the way and means for compliance. However, the Zoo Operator, in violation of the wild Life (protection) Act, 1972 released captive animals in the wild without obtaining approval.	After receipt of letter from CZA, due procedure has been followed for releasing surplus number of spotted deer in the wild. Approvals received in this regard is annexed at C/153 and due note has been taken for future actions. Hence submitted for compliance.

Sr. No.	Norm under RZR	Violations of Recognition of Zoo Rules	Compliance pending since	Submission by the Zoo Operator	Compliance reported by the Zoo Operator	Remarks by Central Zoo Authority	Required compliances for recognition
43		<p>A photograph of a tiger being provided IV fluid in a cage in which a person is holding the tail of the animal and another person is holding the tail of the animal and another person is sitting with a stick was shown to the Officer In-Charge of the zoo. This photograph was taken at the time of the evaluation of the zoo the location of the animal enclosure and near the non-functional veterinary hospital.</p> <p>The condition of the squeeze cage is not fit for any normal healthy animal, forget about the animal under treatment. The condition of the cage and the nearby environment points towards the possibility of cross infection of the animal</p>		The tigress was under treatment for more than five months. Total 534 Lt. of fluid was infused during treatment. For avoiding continuous squeezing to the animal, about a day for keeping the animal in relaxed posture without disturbing IV fluid the practices was carried out	Nil	It is a shame on the zoo authorities that a sick animal (Tiger) is being provide medical assistance in a manner which is not acceptable at all. The photology taken at the time of evaluation, which was shown to the representative of the Zoo Operator at the time of hearing, tells the pathetic and shocking conditions prevailing in the zoo. The Photograph is attached herewith.	The treatment cages and the hospital facilities has been upgraded C/139-A and the unfortunate photograph of treatment of tiger is an isolated incident. Afterwards due procedure is followed during treatment of animals at Zoo. Photographs of treatment cages are annexed at C/155. Submitted for compliance.

Sr. No.	Norm under RZR	Violations of Recognition of Zoo Rules	Compliance pending since	Submission by the Zoo Operator	Compliance reported by the Zoo Operator	Remarks by Central Zoo Authority	Required compliances for recognition
44		The surrounding of the drinking water point in the photograph produced by the evaluation of the zoo is not acceptable at a public place. This is shocking in view of the Swacchata Abhiyan of the Government.		Will be upgraded within one month	Nil	No documentary evidence has been produced till date indicating compliance with the condition. A photograph taken at the time of evaluation is attached herewith.	Upgradation of the drinking water facility in progress Encl. C/139-B.
45		PIL No. 118 of 2015 in the Hon'ble High Court of Judicature AT Bombay, Nagpur Bench -- regarding maintenance of greenery in the area.		The response shall be submitted within a fortnight after consulting higher authorities.	Nil	No response submitted till date.	The Plantation has been already carried out and it is continuous process for increasing the greenery in the park.
46		The Central Zoo Authority has directed the Zoo Operator of Maharajbag Zoo, Nagpur vide letter dated 16.1.2015 to shift all captive animal to upcoming Zoo and Rescue Centre Gorewada, Nagpur However, compliance is awaited-		The Zoo Operator willing to maintain and develop the zoo and would full fill all the conditions after the approval of Master Plan by the Central Zoo Authority	Nil	Not Complied	The University as Zoo Operator has taken the decision regarding maintenance and strengthening the Maharajbag Zoo at present location. Maharajbag Zoo is oldest, heritage place and Zoo of Vidarbha. University is committed to develop and manage Zoo as per modern concept of Zoo Management. There is strong agitation experienced for closure of Zoo. The copies of letter regarding protest is annexed at reference at C/157. Hence submitted for compliance.

  
**Dr. N. D. Parlawar**  
 Zoo Controller & Associate Dean  
 College of Agriculture, Nagpur

## 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>Macacamulatta</i> )
2	Indian Palm Civet ( <i>paradoxurushermaphroditus</i> )
3	Three Striped Palm Squirrel ( <i>Funambuluspalmarum</i> )
4	Common Grey Mongoose ( <i>Herpestesedwardsi</i> )
<b>b. Birds</b>	
1.	Little Egret ( <i>Egrettaagarzetta</i> )
2.	Cattle Egret ( <i>Bubulcus ibis</i> )
3.	Indian Pond Heron ( <i>Ardeolagravii</i> )
4.	Oriental Honey Buzzard ( <i>Pernisptilorhyncus</i> )
5.	Black-shouldered Kite ( <i>Elanusaxillaris</i> )
6.	Black Kite ( <i>Milvusmigrans</i> )
7.	Shikra( <i>Accipiter badius</i> )
8.	Eurasian Sparrow hawk ( <i>Accipiter nisus</i> )
9.	White-eyed Buzzard ( <i>Butasturteesa</i> )
10.	Grey Francolin ( <i>Francolinuspondicerianus</i> )
11.	Common Quail ( <i>Coturnixcoturnix</i> )
12.	Rain Quail ( <i>Coturnixcoromandelica</i> )
13.	Jungle Bush Quail ( <i>Perdiculaasiatica</i> )
14.	Rock Bush Quail ( <i>Perdiculaargoondah</i> )
15.	Small Button Quail( <i>Turnixsylvaticus</i> )
16.	Common Peafowl ( <i>Pavocristatus</i> )
17.	White-breasted Waterhen( <i>Amaurornisphoenicurus</i> )
18.	Red-wattled Lapwing ( <i>Vanellusindicus</i> )
19.	Little Ringed Plover ( <i>Charadriusdubius</i> )
20.	Common Sandpiper ( <i>Actitishypoleucos</i> )
21.	Wood Sandpiper ( <i>Tringaglareola</i> )
22.	Little Brown Dove ( <i>Spilopeliasenegalensis</i> )
23.	Spotted Dove ( <i>Spilopeliachinensis</i> )
24.	Yellow-footed Green Pigeon ( <i>Treronphoenicoptera</i> )
25.	Rock Pigeon ( <i>Columba livia</i> )
26.	Plum-headed Parakeet ( <i>Psittaculacyanocephala</i> )
27.	Rose-ringed Parakeet ( <i>Psittaculakrameri</i> )
28.	Eurasian Cuckoo ( <i>Cuculuscanorus</i> )
29.	Indian Cuckoo ( <i>Cuculusmicropterus</i> )
30.	Common Hawk-Cuckoo ( <i>Hierococcyxvarius</i> )
31.	Pied Cuckoo ( <i>Clamatorjacobinus</i> )
32.	Asian Koel( <i>Eudynamysscolopaceus</i> )
33.	Greater Coucal( <i>Centropussinensis</i> )



34.	Collared Scops Owl ( <i>Otus lettia</i> )
35.	Jungle Owlet ( <i>Glaucidium radiatum</i> )
36.	Spotted Owlet ( <i>Athene brama</i> )
37.	Asian Palm Swift ( <i>Cypsiurus balasiensis</i> )
38.	House Swift ( <i>Apus nipalensis</i> )
39.	Indian Roller ( <i>Coracias benghalensis</i> )
40.	Black-hooded Oriole ( <i>Oriolus xanthornus</i> )
41.	Indian Pitta ( <i>Pitta brachyura</i> )
42.	Ashy crowned Sparrow Lark ( <i>Eremopterix griseus</i> )
43.	Rufous-tailed Lark ( <i>Ammomanes phoenicura</i> )
44.	Sykes Lark ( <i>Galerida deva</i> )
45.	Oriental Skylark ( <i>Alauda gulgula</i> )
46.	Dusky Crag Martin ( <i>Ptyonoprogne concolor</i> )
47.	Wire-tailed Swallow ( <i>Hirundo smithii</i> )
48.	Red-rumped Swallow ( <i>Cecropis daurica</i> )
49.	Streak-throated Swallow ( <i>Petrochelidon fluvicola</i> )
50.	Black Drongo ( <i>Dicrurus macrocercus</i> )
51.	Common Woodshrike ( <i>Tephrodornis pondicerianus</i> )
52.	Long-tailed Shrike ( <i>Lanius schach</i> )
53.	Bay-backed Shrike ( <i>Lanius vittatus</i> )
54.	Chestnut-tailed Starling ( <i>Sturnia malabarica</i> )
55.	Brahminy Starling ( <i>Sturnia pagodarum</i> )
56.	Rosy Starling ( <i>Pastor roseus</i> )
57.	Asian Pied Starling ( <i>Gracupica contra</i> )
58.	Common Myna ( <i>Acridothera tristis</i> )
59.	Indian House Crow ( <i>Corvus splendens</i> )
60.	Large Cuckoo shrike ( <i>Coracinamacei</i> )
61.	Black headed Cuckoo-shrike ( <i>Coracin melanoptera</i> )
62.	Small Minivet ( <i>Pericrocotus cinnamomeus</i> )
63.	Red-vented Bulbul ( <i>Pycnonotus cafer</i> )
64.	White-browed Bulbul ( <i>Pycnonotus luteolus</i> )
65.	Tawny-bellied Babbler ( <i>Dumetia hyperythra</i> )
66.	Yellow-eyed Babbler ( <i>Chrysommasinense</i> )
67.	Jungle Babbler ( <i>Turdoides striata</i> )
68.	Asian Brown Flycatcher ( <i>Muscicapalatirostris</i> )
69.	Red throated Flycatcher ( <i>Ficedula albicilla</i> )
70.	Tickell's Blue Flycatcher ( <i>Cyornis tickelliae</i> )
71.	Asian Paradise Flycatcher ( <i>Terpsiphone paradisi</i> )
72.	Black-naped Monarch ( <i>Hypothymis azurea</i> )
73.	White-browed Fantail ( <i>Rhipidura aureola</i> )
74.	Whitethroated Fantail ( <i>Rhipidura albicollis</i> )
75.	Ashy Prinia ( <i>Prinia socialis</i> )
76.	Plain Prinia ( <i>Prinia inornata</i> )
77.	Jungle Prinia ( <i>Prinia sylvatica</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>Lonchurastrata</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>Copsychussularis</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 molurusmolurus</i> )
3	Trinket Snake ( <i>Coelognathus (Elaphe) helena Helena</i> )
4	Common Rat Snake ( <i>Ptyas mucosa</i> )



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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> )

