





1. REPORT OF THE OFFICER-IN-CHARGE:-2020-2021

The Zoo was opened in the year 1987. It was started as a mini zoo and Balavana. It was a fascinating experience as an Executive Director of Adumalleshwara Mini Zoo; it has given utmost satisfaction. It is gratifying when efforts put in are appreciated by the public.

In the past year the Mini Zoo has transformed tremendously with construction of new animal enclosures, enrichment of existing enclosures and providing necessary amenities to the visitors as per the guidelines Central Zoo Authority.

It is proposed to procure a pair of Tigers from Sri. Jayachamarajendra Mrigalaya, Mysuru. People of Chitradurga are eagerly awaiting the arrival of Tigers. Central Zoo Authority has accorded approval for the Master Layout Plan, design and drawings of animal enclosures. Central Zoo Authority had observed some shortcomings in the management of mini Zoo and had sought clarifications. The Member Secretary, Central Zoo Authority during his visit to the Zoo and after detailed discussion with the Zoo Management, was convinced of the commitment of Staff and the way the Zoo is being maintained. A Range Forest Officer has been appointed as a full time Curator, he is responsible for zoo animals' care and their habitats, maintaining exhibits and supervision of the zoo staff and scrupulously follow the guidelines of Central Zoo Authority in the management of the Zoo. He is responsible for arranging awareness programs for children and youth, encourage them to participate in the cleanliness programs at Zoo.

The close proximity of the Adumalleshwara Zoo to Chitradurga city attracts people of Chitradurga. Efforts are being made to add more variety of animals to the Zoo.

The new enclosures are being constructed to ensure they truly merge with the surrounding landscape and greenery which enhance the true value of the enclosures.

The Member Secretary, Zoo Authority of Karnataka has taken keen interest in the development of Adumalleshwara Mini Zoo. His regular visits inspire the Zoo officers and staff to put in extra effort to make the Zoo more attractive and educative.

The management of Adumalleshwara Mini Zoo is thankful to the Executive Director, Bannerghatta Biological Park, Bengaluru & the Executive Director, Mysuru for providing financial support for the development of infrastructure in Adumalleshwara Mini Zoo. We also thank the Executive Director, Mysore for supporting with the valuable medicine required for the treatment of animals.

We thank the Member Secretary, Central Zoo Authority for having accorded approval for Master Layout plan and animal enclosures. We are grateful to the Member Secretary, Central Zoo Authority for his faith in the Management team of Adumalleshwara Mini Zoo.

Five (5) new enclosures were constructed and opened to the public during the year 2019-20. This has made the Zoo more attractive to visitors. Other infrastructures such as Visitor's path, Service road, an Entry plaza, Redesigned Children's play area, Toilets and Drinking water facilities are also provided to visitors. Chain link mesh fence is erected along the boundary of Zoo.

We are committed for the well-being of the caged animals and to create good environment for the visitors to make their visit to Adumalleshwara Mini Zoo a memorable one.

1. HISTORY OF THE ZOO :-

Adumalleshwara Gudi Mini Zoo and Balavana lies in the limits of Chitradurga Forest Division, it is situated at a distance of 5.00 Km. to the South of Chitradurga town in Sy.No.26 of Chitradurga (Longitude: $E - 76^{\circ}$ 23' 648", N- 140° 23' 094") and at an elevation of about 787 mtrs. above mean sea level (MSL). Jogimatti Reserve Forest has been notified as Wildlife Sanctuary vide Government order dated 23.12.2015. The Mini Zoo is an enclosure in the wild life sanctuary, spread over an area of 8.50 ha. This mini zoo was opened to public on: 12-04-1987. It is one of the 9(Nine) Zoos operating under Zoo Authority of Karnataka (ZAK) since 18.09.2017, The Zoo is recognized by CZA [Central Zoo Authority].

VISION:-

The Mini Zoo was established with a vision to create an opportunity to the Public specially the children to watch wild animals in close proximity and to appreciate the wild life in their neighborhood. To educate people about the importance of wildlife conservation.



MISSION :-



The mission of the Zoo is to display representatives of different animals and birds. Mini Zoo is serving as an exhibition of bio-diversity of the District, also to serve as Wild Life Conservation Centre. To connect people to animals and thereby inspire conservation.

3. OBJECTIVE :-

- To create awareness about the Wildlife of the District and also of neighboring districts.
- To serve as an Education Centre for public as well as Children.
- To create awareness about Man-Animal Conflict.
- To educate & enlighten the public (visitors) by displaying wild animals which are equally important, interesting and essential for eco system and to create empathy towards wild animals.
- To offer an excellent opportunity to the people to connect with Nature and Wildlife.
- To provide recreation facilities to the public.
- To provide an opportunity for the public to be part of zoo management by adopting animals in the zoo





4. ABOUT US :-

Sl. No	Particulars	Information			
	BASIC INFORMATION ABOUT THE ZOO				
1	Name of the Zoo	Adumalleshwra Mini Zoo And Balavana.			
2	Year of Establishment	1987			
3	Address of the Zoo	Adumalleshwara Mini Zoo, Jogimatti Road, Chitradurga.			
4	State	Karnataka			
5	Telephone Number	08194-230402			
6	Fax Number				
7	E-mail address	amgudirfo@gmail.com, dcf.cta@gmail.com			
8	Website				
		Airport: 200 Kms [Bengaluru]			
The same of		Railway Station: 08 Kms [Chitradurga]			
1//		Bus Stand: 07 Kms [Chitradurga]			



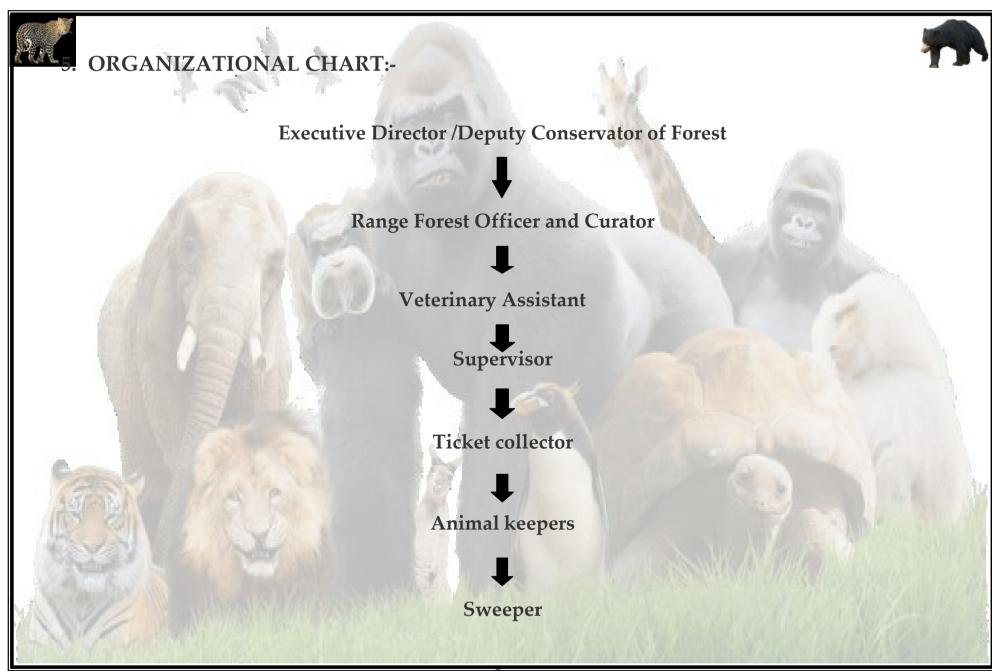


	P 1 1	
10	Recognition Valid upto (Date)	Recognition of the Zoo is valid upto 30.04.2014 vide No.:19-81/92- CZA (124)(M)/1976 dated. 03.01.2013. Proposal for renewal of recognition has been submitted to the Central Zoo Authority.
11	Category of zoo	Mini
12	Area (in Hectares)	8.50 Ha
13	Number of visitors [Financial year 2020-2021]	Adults: 65202.
	[Timanetal year 2020 2021]	Children: 10165
		Total Visitors: 75372
14	Visitors' Facilities Available in Zoo	Drinking Water, Toilets, Children Playing area, Canteen, Sitting benches, Pergolas, Parking area. etc.,
15	Weekly Closure Day of the Zoo	Tuesday.
	MANAGEMENT	PERSONNEL OF THE ZOO
16	Name with designation of the Officer in charge	R Vasanth Kumar. Range Forest Officer and curator.





	1 4 to 1	
	of the same	
	Name of the Veterinary Officer	Dr. Murugesh
	Name of the Curator	R Vasanth Kumar
	Name of the Biologist	Kiran Kumar D.C.
	Name of the Education Officer	
A	Name of the Compounder/ Lab Assistant	
	Owner	Operator of the Zoo
17	Name of the Operator	Sri. Chandrashekhar Nayaka SFS Executive Director, Adumalleshwara Mini Zoo. Chitradurga.
18	Address of the Operator	Executive Director, Adumalleshwara Mini Zoo & Deputy Conservator of Forests, VP Extension, Chitradurga.
19	Contact details/Phone number of Operator	9611794684 / 9449005522
20	E-mail address of Operator	dcf.cta@gmail.com







6. HUMAN RESOURCES

Manpower of the Zoo*

Sl.No.	Designation	Number of Sanctioned Posts	Names of the incumbent
1.	Executive Director	1	Chandrashekhara Nayaka sfs
2	Range Forest Officer	1	R Vasanth Kumar
3	Supervisor	1	Obalesh
4	Biologist	1	Kiran Kumar D.C.
5	Animal Keeper / Forest Watchers	9	1)Ramanjinappa 2) Santhosh 3)Obalesha 4)Ravi 5Bharath Krishna 6)Chandan Kumar 7) Manju 8)Nagaraj 9) Puneeth
6	Ticket Collector	1	Mohana kumar T N
7	Sweeper	1	Parvathamma

Please give above mentioned information in respect of all zoo personnel, from the Officer incharge up to the Animal Keeper.





7. Capacity Building of Zoo personnel:

Sl.No.	Name and designation of the Zoo personnel	Subject matter of Training	Period of Training	Name of the Institution where the Training held
1.	Ramanjinappa H	Animal keeping	1 Week	Mysore Zoo
2.	Hanumathappa	Animal keeping	1 Week	Mysore Zoo
3	Obalesh	Animal keeping	1 Week	Hyderabad zoo





8. ZOO ADVISORY COMMITTEE:-

A. Date of constitution: 04.08.1989

B. Members

President: Chief Conservator of Forests, Bellary Circle, Bellary

Member : Local Member of Legislative Assembly

Member: President – City Municipality, Chitradurga

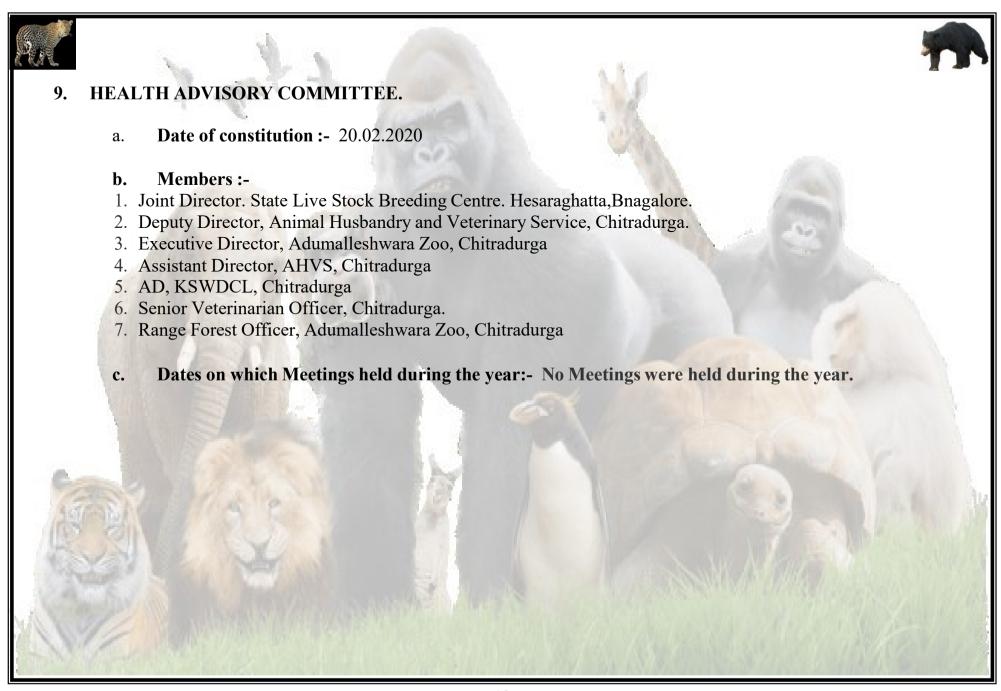
Member : Honorary Wild Life Warden, Chitradurga District

Member : Superintend of Police, Chitradurga District, Chitradurga

Member : Manager – Lead Bank, Chitradurga

Member Secretary: Deputy Conservator of Forests, Chitradurga

C. Dates on which Meetings held during the year: No Meetings were held during the year.







10. STATEMENT OF INCOME AND EXPENDITURE OF THE ZOO:-

Sl. No	Particulars	Income	Expenditure
1	2	3	4
1	Revenue Collection	22,39,745.00	
2	Donations	50,00,000.00	1/1/10
3	Adoptions	1,90,978.00	1,83,40,067.00
4	Bank Interest	1,12,344.00	Mary Co.
5	Zoo Authority Karnataka Financial Assistance	1,07,97,000.00	
	Total	1,83,40,067.00	1,83,40,067.00







Sl.	S	Earl House	Quantity/I	Quantity/Day/Animal		
No.	Species	Feed item	Winter	Summer	Day of fasting.	
1	2	3	4	5	6	
1.	Leopard	Beef	3 Kg/ Day	3 Kg/Day	Tuesday	
2.	Jackal	Beef/ Chicken	2 Kg/Day	2 Kg/Day	-	
3.	Silver Pheasant	Apple, Bread, Egg, Mixed Grains, Papaya, Poultry Feed, Ragi, Soya flour	0.32 Kg/Day	0.32 Kg /Day	- (8	
4.	Lady Amherst	Apple, Bread, Egg, Mixed Grains, Papaya, Poultry Feed, Ragi, Soya flour	0.32 Kg/Day	0.32 Kg /Day	200	
5.	Rose Ringed Parakeet	Apple, Bread, Banana, Grapes, Mixed Grains, Ragi, Fried Bengal Gram, Garlic	0.229 Kg/ Day	0.229 Kg/ Day		
6.	Love Birds	Fruits, Navane, Bajra, Garlic, Orange.	0.136 Kg/Day	0.136 Kg/ Day		
7.	Peafowl	Apple, Bread, Egg, Lucerne, Mixed Grains, Maize, Papaya, Poultry Feed, Bajra	0.582 Kg/Day	0.582 Kg/Day		
8.	Emu	Apple, Banana, Bread, Grapes, Lucerne, Mixed Grains, Papaya, Potato	1.825 Kg/Day	1.825 Kg/Day		
9.	Rock Tortoise	Ragi flour, Green vegetables, Rice	0.305 Kg/Day	0.305 Kg/Day		

			200 100 100 100 100 100 100 100 100 100		
10.	StarTortois e	Ragi flour, Green Vegetables, Rice	0.305 Kg/Day	0.305 Kg/Day	-
11.	Sloth Bear	Apple, Banana, Bread, Milk, Egg, Ragi Malt, Jowar malt	5.230 Kg/Day	5.230 Kg/Day	E
12.	Black Buck	Hay, Lucerne, Green grass, Carrot, Groundnut cake, Cut branches, Horse gram	2.755 Kg/Day	2.755 Kg/Day	Tuesday
13	Golden Pheasant	Mixed grains, Soya bean meal, Apple, Lucerne, Poultry feed, Sunflower seeds, Veg green, Egg, Bajra, Seasonal fruits, Papaya, Ragi, Maize, Garlic, Insects	0.325 Kg/Day	0.325 Kg/Day	
14	Yellow Golden Pheasant	Mixed grains, Soya bean meal, Apple, Lucerne, Poultry feed, Sunflower seeds, Veg green, Egg, Bajra, Sesonal fruits, Papaya, Ragi, Maize, Garlic, Insects	0.325 Kg/Day	0.325 Kg/Day	
15	Jungle Fowl	Mixed grains, Soya bean meal, Apple, Lucerne, Poultry feed, Sunflower seeds, Veg green, Egg, Bajra, Seasonal fruits, Papaya, Ragi, Maize, Garlic, Insects	0.293 Kg/Day	0.293 Kg/Day	





14. VACCINATION SCHEDULE OF ANIMAL

Sl. No.	Species	Disease vaccinated for	Name of the Vaccine and dosage/ quantity used	Periodicity	Remarks
1	2	3	4	5	6
1.	Leopards	Feline pan leucopoenia, feline calcivirus, Feline infectious rhinotracheitis	Feligen combined Vaccine (Feligen) 1 ml	Annual	
2.	Leopard, Jackal	Rabies	Rabigen 1 ml	Annual	
3.	Jackal	Canine parvo, Canine distemper, ICH, Canine parainfluenza leptospirosis	Canin combined Vaccine (canigen) 1 ml	Annual	
4.	Deer, Antelopes	Foot and Mouth diseases Hemorrhagic	FMD and HS bivalent Vaccine	Once in sixmonths	YE.
[5.]	Leopards	Trypanosomiasis	Surral 1mg/kg body weight	Once in three Months	





15.DE-WORMING SCHEDULE OF ANIMALS:-

Sl.No.	Species	Drug used	Month
1	2	3	4
1	All Animals	Oxyclozanide	May
2.	All Animals	Albendazale	August
3.	All Animals	Fenbendazale	November
4.	All Animals	Closantel	February





16. DISINFECTION SCHEDULE:-

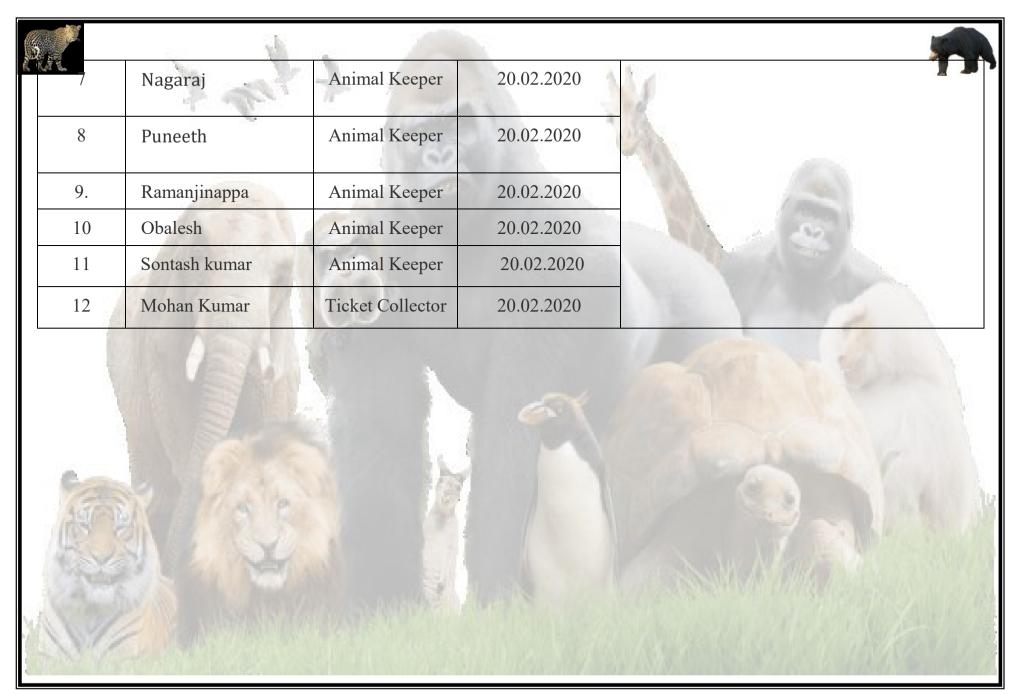
Sl. No.	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
1	2	3	4	5
1	All Animals	All holding houses and passages	KohrsalinTh- Mopping	Daily
2.	All animals	All holding houses and passages	Biokleen-Mopping	Daily
3.	All animals	All holding houses and passages	Potassium Permanganate for Foot Dip	Daily
4.	All animals	All holding houses and Passages and exhibit areas	Viracid spray and Foot Dip	Once a week as a prophylactic method





17. HEALTH CHECK-UP OF EMPLOYEES FOR ZOONOTIC DISEASES: - Employees are vaccinated for Anti-rabies and Hepatitis-B every year in the Government Hospital.

Sl.No.	Name	Designation	Date of Health Check up	Findings of Health Check up
1	2	3	4	5
1.	Vasanth Kumar R	Range Forest Officer	24.07.2018	Complete Blood Count is done. Antibodies of Rabies, Blastomycosis,
2	Ramanjinappa	Animal Keeper	20.02.2020	Psittacosis, Trichinosis, Cat scratch disease, Histoplasmosis, coccidiomycosis and other
3	Santhosh	Animal Keeper	20.02.2020	zoonotic diseases causing organisms not found.
4	Ravi Bharath	Animal Keeper	20.02.2020	Next check-up will be conducted in February
5	Krishna Chandan Kumar	Animal Keeper	20.02.2020	2021
6	Manju	Animal Keeper	20.02.2020	





Health Check-up of employees



















19. EDUCATION AND AWARENESS PROGRAMMES DURING THE YEAR:

Chinnaravanadarshana:-

Children from Rural schools around Chitradurga visited Mini Zoo along with their teachers, the Zoo incharge gave information about the wild animals, their habits, habitats, feeding pattern, also treatment for injured animals. Drawing competition, Essay writing competitions were organized for the visiting School children. Range Forest Officer and Forest Guards trainees visited the Zoo as part of their training programme.



WILDLIFE AWARENESS EDUCATION GIVEN TO CHILDREN OF VARIOUS SCHOOLS













20. IMPORTANT EVENTS AND HAPPENINGS:

Wild Life Week:-This year's Wildlife week was <u>"Sustaining all life on earth"</u>. Wildlife week was celebrated in the Zoo. School children and visitors to the participated in the cleanliness proramme organized in the Zoo.





WILDLIFE WEEK CELEBRATION

Earth day: - The theme of Earth day for 2022 was "Climate Action". Earth day was celebrated in the Zoo premises on 22.04.2020. The Assistant Conservator Forests, Range Forest Officer, Zoo Staff and Zoo Visitors participated in the celebration, the Assistant Conservator of Forests, Chitradurga Sub Division, Chitradurga spoke about the importance of saving the Earth from pollution, deforestation etc.,

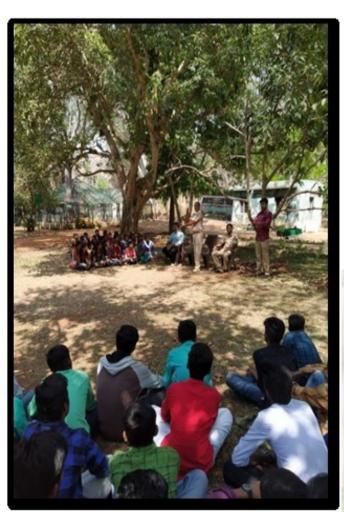




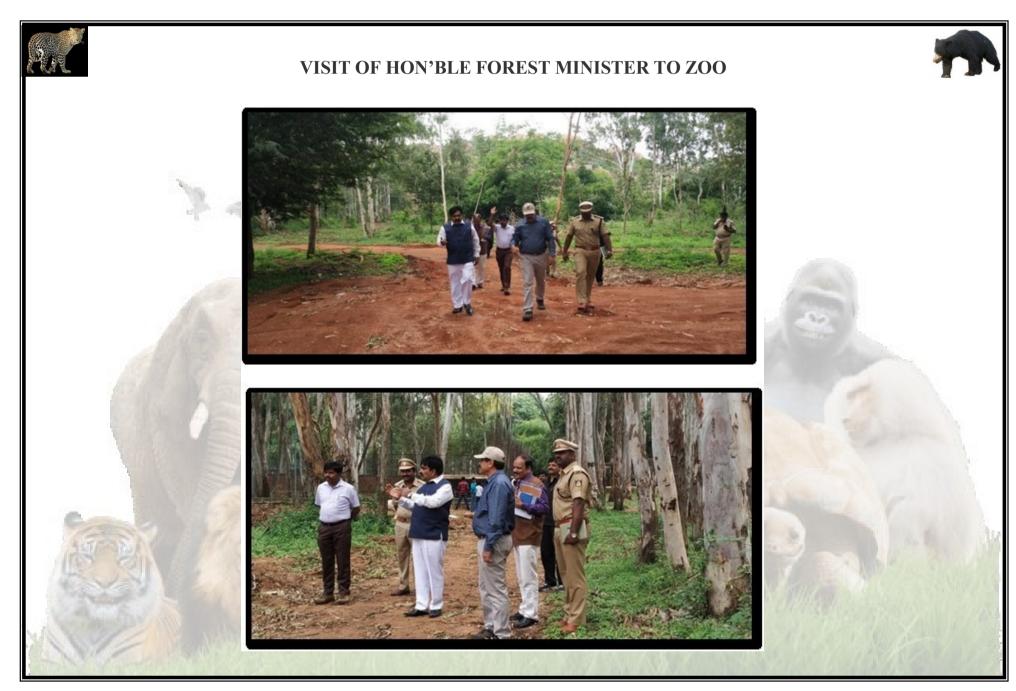








CELEBRATION OF WORLD FOREST DAY









21. SEASONAL SPECIAL ARRANGEMENTS FOR UPKEEP OF ANIMALS :-

During summer all Animal enclosures are provided with additional enrichment such as additional shades, water sprinklers, disinfecting the floor of enclosures, etc., to ensure protection from harsh hot climatic conditions.

Animals are given extra portions of fruits. Electro care powder is also given to keep the animals from being dehydrated





Spraying water to captive animals and birds in the enclosures in summer days

Winter Days: - During winter season, the enclosures are provided with extra shelters to guard animals and birds against cold winds.





- 22. RESEARCH WORK CARRIED OUT AND PUBLICATION: No research work was carried out and no publications were released.
- 23. CONSERVATION BREEDING PROGRAMME OF THE ZOO: No conservation breeding program was carried out during the year.
- 24. ANIMAL ACQUISITION / TRANSFER / EXCHANGE DURING THE YEAR 2020-21.

	Animals arriving in the Zoo													
A.	H.NO.	Specie s	Number (M:F)	From which Zo	Date of arrival in the zoo									
		Black Buck	village,	22-02-2021										
		Spotted Deer	3:3	Tiger & Lion Safari, Tyav Shivamogga.	12-01-2021									
		Sloth Bear	1:0	Sri.Atal Bihari vajapeyi Z Park.Kamalapura	20-01-2021									
SALL SALL	No.	Golden jackal	2:2	Sri.Atal Bihari vajapeyi 2 Park.Kamalapur	20-01-2021									
	(3) VB	1 1100	1	Animals going from the zo	0	The state of the s								
1	H.NO.	Species	Number (M:F)	Going to which Zoo	deposition from the zoo									
В.	N.	W 105-2012												





25. RESCUE AND REHABILITATION OF WILD ANIMALS CARRIED OUT BY THE ZOO:-

		Species with number	15	Dete of Submission of	Action taken							
Sl. No.	Date of Rescue	of animals rescued with their sex (M: F:U:T)	Received from	Date of Submission of Report to the CWLW / CZA		Reasons for housing in the zoo, if not released in their habitat						
1	2	3	4	5	6	7						
1.	1000			-NA-	Man Man							



26. ANNUAL INVENTORY OF ANIMALS



Form – II [See Rule 11(1)] Part – A Inventory Report for the Year: 2020-21

Endangered Species*

Sl No	Animal Name	Scientific name		Opening Stock as on				Births			Acquisition			Disposal			Death			Closing Stockas on			
110	1 vanie	All Control	M	F	U	Т	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T	
1	Leopard	Panthera pardus	3	4	0	7	0	0	0	0	1	0	0	0	0	0	1		3	4	0	7	
2	Sloth Bear	Melursus ursinus	1	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	4	
3	Black Buck	Antilope cervicapra	5	10	0	15	0	1		0	1	0	0	0	0	2	1	0	3	11	0	14	
4	Jackal	Canis aureus	2	2	0	4	0	0	0	2	2	0	0	0	0	0	0	0	4	4	0	8	
5	Starred Tortoise	Geochelone elegans	3	2	0	5	0	0	0	0	0	0	0	0	0	2	1	0	1	1	0	2	
6	Python	Molurus molurus	1	1	0	1	0	0	0	1	1	0	0	0	0	0	0	0	2	2	0	4	
7	Spotted Deer	Axis axis	2	4	0	6	0	0	0	4	3	0	0	0	0	2	3	0	4	4	0	8	
8	Nilgai	Boselaphus tragocamelus	3	3	0	6	1	2	0	0	0	0	0	0	0	0	0	0	4	5	0	9	
9	Rosy faced parakeet	Agapornis roseicollis	0 0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	2	2	0	4	
10	Cockatiel	Nymphicus hollandicus	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	1	2	0	3	
11	Jungle Fowl	Gallus gallus	0	0	0	0	0	0	0	2	3	0	0	0	0	0	1	0	2	2	0	4	
12	Silkie bantam	Gallus gallus	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0	2	



PART B



A HE	N	The No.					IA		D		A.	V850										A A	
Sl No	Animal Name	Scientific name		Opening Stock as on 1.4.2020				Births			Acquisition			Disposal			Death			Closing Stock ason 31.03.2021			
			M	F	U	Т	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T	
1	Indian Pea fowl	Pavo cristatus	1	2	0	3		2	0	0	0	0	0	0	0	0	0	0	1	4	0	5	
2	Silver Pheasant	Lophura nycthemera	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	
3	Emu	Dromaius Novaehollandiae	2	2	0	4	0	0	0	1	1	0	0	0	0	1	1	0	2	2	0	4	
4	Lady Amherst	Chrysolophus amherstiae	2	2	0	4	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	2	
5	Love Birds	Agapornis roseicollis	1 1	1 0	0	21	0	0	0	30	30	0	0	0	0	4	2	0	3 7	38	0	75	
6	Rose Ringed Parakeet	Psittacula krameri	2	1	0	3	0	0	0	1	1	0	0	0	0	0	0	0	3	2	0	5	
7	Tortoise	Testudinidae	3	3	0	6	0	0	0	0	0	0	0	0	0	0	0	0	3	3	0	6	
8	Marsh Crocodile	Crocodylus Palustris	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	
9	Golden Pheasant	Chrysolophus Pictus	1	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	3	
10	Yellow Golden pheasant	Chrysolophus pictus	1	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	3	



26. MORTALITY OF ANIMALS:-

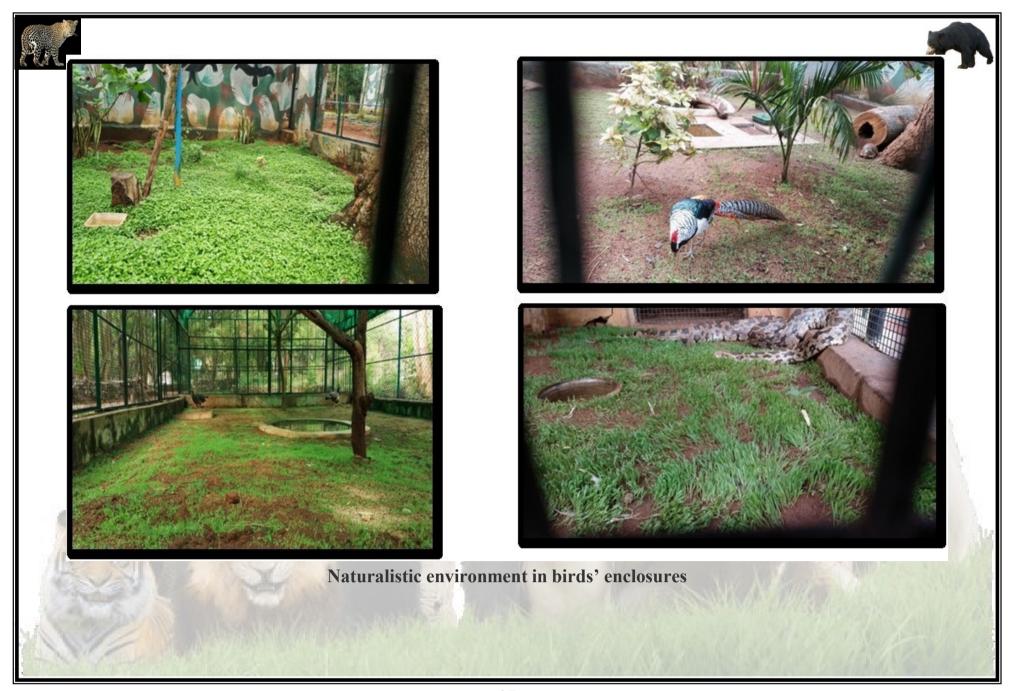


Sl. No.	Animal Name (with individual identification mark, if any)	individual Scientific Name lentification		Date of Death	Reason of Death asper the Post- mortem report					
1	2	3	4	5	6					
2	Python	Molurus molurus	FEMALE	30/01/2021	poured worms					
3	Spotted Deer	Axis axis	MALE	13/01/2021	Deep poured worm Feed					
4	Spotted Deer	Axis axis	FEMALE	30/01/2021	Hypotonia / Death due Shock					
5	Spotted Deer	Axis axis	FEMALE	14/01/2021	Death due Shock					
6	Spotted Deer	Axis axis	FEMALE	12/01/2021	Capture myopathy					
7	Spotted Deer	Axis axis	MALE	09/06/2020	Capture myopathy					
8	Black Buck	Antilope cervicapra	MALE	07/06/2020	Infighting					
9	Black Buck	Antilopec cervicapra	MALE	19/06/2020	Peritonitis					
10	Black Buck	Antilope cervicapra	FEMALE	22/08/2020	Peritonitis					
11	Emu	Dromaius novaehollandiae	FEMALE	06/10/2020	Infectious bursal disease					
12	Leopard	Pavo cristatus	FEMALE	24/12/2020	Fought with a wild Leopard, head injury. Cause of death due to hypotonia.					
13	Jackal	Canis aureus	FEMALE	10/12/2020	Hypothermia in cardiogenic shock					



26. COMPLIANCE WITH CONDITIONS STIPULATED BY THE CENTRAL ZOO AUTHORITY :-

SI No.	Norm No. Under RZR, 2009	Particulars for Violation of the Recognition of Zoo Rules, 2009 [Conditions Stipulated]	Time Period to Compl	Since when pending	Submission by Zoo operator/Representative	Status of Compliance as on today
1	2	3	4	5	6	7
1. Gen	eral Requ	irements.				
1	10.1(2)	Failed to provide naturalistic environment in the animal enclosures.		21.04.2008	provide appropriate naturalistic environment in the Animal enclosures. Landscaping in the Zoo is being done by	Naturalistic environment has been
2	10.1 (3)	Failed to regulate visitors' movement in the Zoo.		17.04.2015	Visitors' paths are created as per the approved Master Layout plan by CZA keeping in view to regulate movement of visitors in the Zoo, so that animals are not unduly disturbed or stressed. Visitors' circulation in the Zoo has been regulated to 25% of the periphery of enclosures by means of effective standoff barriers with hedge plantation.	as per the approved Master Layout plan by CZA. Visitors' movement in the zoo has been regulated by restricting visitors to the designated path standoff barriers









Naturalistic environment in Birds enclosures





Formation of New visitor path in Zoo







Permitted morning walk in the Zoo.

Violation observed during present Evaluation on 28.2.2018. Morning walkers are not allowed to enter the Zoo.

However few People entered the Zoo without proper permission on the day of evaluation. Now security has been tightened to avoid such stray incidents.

Morning walkers are strictly not allowed in the zoo. Visitors are allowed inside only when the Zoo opens. Security has been increased to avoid any such incidences. Temple area is separated by erection of chain link fence.





Chain link mesh fence separating Temple and Zoo.





4		Failed to maintain the Chain-link fence on periphery of the zoo leading to entry of domestic cattle into zoo	One Year	21.04.2008	animal en Zoo have	been sep on of new fence. En	of the parated chain ntry of
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New chain link fence on the Periphery of Zoo has been erected.



premises.



5	10.1 (6)	Night Watchman is staying in the animal feed store within the zoo campus.	One Month	Violation observed during present evaluation on 28.12.2018.	The Zoo premises do not have any residential quarters as per the directions of CZA. Night watchmen enter the Zoo at night only for carrying out patrolling. Zoo premises are not being used for any sort of residential purpose.	Zoo premises are not being used for residential purposes. The night watchmen are not using zoo premises for staying during the night.
6	10.1 (7) and 10. 5 (5)	Failed to manage the solid and liquid waste generate in the zoo effectively.	One Year	21.04.2008	The solid waste generated in the Zoo is removed everyday and dumped in a pit outside the Zoo premises. Care has been taken that the liquid waste does not seep into the Zoo. Proper underground drainage system for liquid waste is laid out. Meanwhile, the soak pits and solid waste disposal pits adjacent to animal enclosures have been closed. Vermicomposting pits have been dug to utilize solid and liquid waste produced in the Zoo. The hygiene of the enclosures are maintained properly.	The solid waste generated in the Zoo is removed and is dumped in a designated pit away from Zoo. Vermicomposting pits have been dug as per the approved Master Layout plan. Underground drainage system is laid out in the Zoo.





7	10.1(9)	Housed domestic species namely Turkey fowl, Blue rock Pigeon, Fan tailed pigeon and rabbits in the zoo.		17.04.2015	Domestic species like Turkey fowl, Blue Rock Pigeon, Fan tailed Pigeon and Rabbits have been removed from Zoo. In future domestic species will not be kept in the Zoo.	All Domestic species have been removed from Zoo as prescribed in zoo guide lines.
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2. Administrative and Staffing Pattern

8	10.2 (1)	Not posted the Whole time Officer in- charge of the Zoo.	<i>J</i>	03.01.2013	A whole time Range Forest Officer / Curator is in charge of the Zoo from 1st April 2018.	A whole time Range Forest Officer / Curator is in charge of the Zoo from 1st April 2018.
9	10.2 (2) & Rule 9(2)	Though housing endangered species, not provided scientific and technical staff to support the Officer in- charge of the Zoo.	One Year	03.01.2013	A Full time Veterinary assistant cum Biologist is appointed in the Zoo on contract basis. Proposal for appointment of permanent scientific and technical staff has been submitted to the government. Approval is awaited.	A Veterinarian from Government veterinary Hospital, Bheemasamudra visits the Zoo twice in a week; Proposal has been submitted to the Govt. for recruiting Veterinarian on permanent basis for the Zoo. A qualified veterinary assistant cum biologist has been appointed on contract basis from 2nd Feb 2019 to assist the Veterinarian.



Visit of Veterinarian to the Zoo





Solid Waste Management equipment

















Solid waste management and RFO giving information to trainees and visitors



3. Development and Planting



10	10.3	Not Submitted Master Plan of the Zoo for approval of the Central Zoo Authority.	21.04.2008	Master plan of the Zoo was submitted to the CZA for approval during the year 2019-20 and approval is awaited.
11	10.3 (3)	Submitted Master (Layout) Plan of the Zoo for proposed expansion of the Zoo within the limits of the Wildlife Sanctuary without obtaining prior approval of the Government of India under Forest (Conservation) Act, 1980	Violation observed during present evaluation on 28.2.2018.	The Master (Layout) plan has been revised as per the directions of CZA, limiting the size of the Zoo to the initial size i.e., 8.50 has, which does not attract provisions of the Forest (Conservation) Act, 1980.
12	10.3 (8)	Not reported acquisition of the species by way of rescue.	17.04.2015	Proposals have been submitted to Chief Wild Life Warden for obtaining appropriate sanctions. In future, all acquisition of animals by way of rescue will be done as per provision in Rule 10.3(7) and 10.3(8) of the Recognition of Zoo Rules, 2009. (Refer Annexure - 1)



4. Animal housing, display of animals and animal enclosures



13	10.4(1)	Failed to display animals in nature immersing enclosures.		21.04.2008	The animals are now displayed in nature immersing enclosures	
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Animals in nature immersing enclosures.













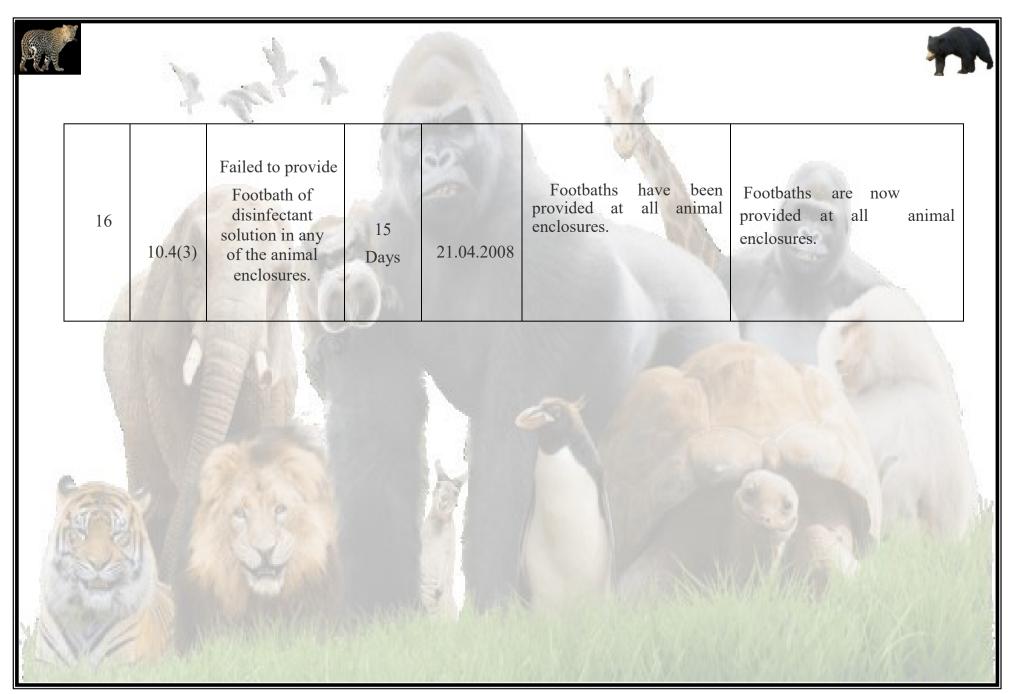
Spotted deer enclosure

Construction of new enclosures as per the CZA guidelines

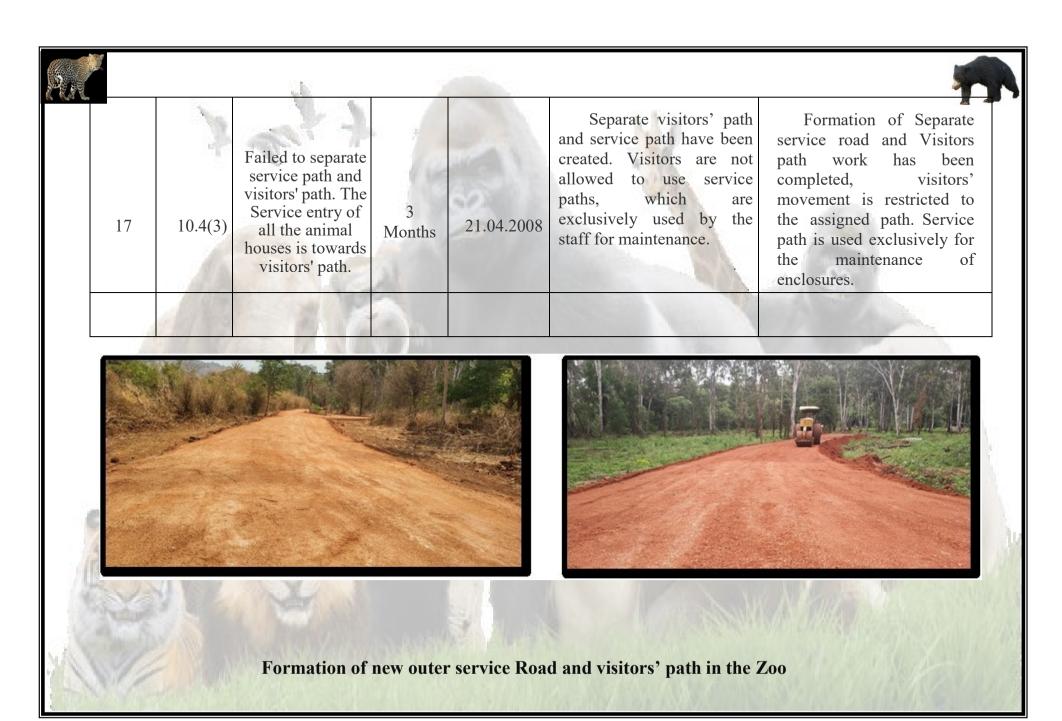




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14	10.4(2)	Failed to display animals in enclosures of design and dimension specified by the Central Zoo Authority.	21.04.2008	Master layout plan submitted to CZA, has been approved by the CZA. Enclosures are constructed as per the approved design and dimension.	Enclosures are constructed as per the approved dimensions and design of the approved
15	10.4(3)	Failed to ensure expression of natural behaviour of animals displayed to visitors. Stereotypic behaviour is prominently noticed in case of singly housed sloth bear.	21.04.2008	Action has been taken to provide mates to single animals. Proposal has been submitted to CWLW, Karnataka to give permission for acquiring mates to single animals.	Proposal has been submitted to Chief Wild Life Warden, Karnataka Vide Letter No.AMZ/ANICOLL/CR-13/2018-19, Dated 01.08.2017. (Letter Enclosed) to accord permission to acquire animals and birds for pairing. Pairing of animals will be done after construction of new enclosures which is under progress.









appropriate screening between the adjacent animal enclosures to safeguard against the animals getting excited or stressed because of visibility of animals in other enclosures.

Failed to provide

21.04.2008

The Master (Layout) Plan submitted has been approved by CZA, appropriate screening between adjoining animal enclosures will be provided while remodeling the existing enclosures and constructions of new enclosures.

New enclosures have been constructed, they have appropriate screening.





Temporary screening has been erected.

	19	10.4(8)	Constructed enclosure for Leopard without approval of the drawing from the Central Zoo Authority.	4 Months	21.04.2008	Proposals have been submitted to ZAK for the construction a Leopard enclosure. Tender was called and construction of the Leopard enclosure is completed. Plan of Leopard enclosure has been approved by CZA vide File No. F-19-81/92-CA (124)(Vol.1)(INS)/071/2019 dated: 15/01/2019.	Plan of Leopard enclosure has been approved by CZA vide File No. F-19-81/92-CA (124)(Vol.1)(INS)/071/2 019 dated: 15/01/2019.
A Story	20	10.4(9)	Stand-off barrier at animal enclosures is not standard specified by the Central Zoo Authority.		violation observed during Present evaluation on 28.02.20	All animal enclosures have been recommended for remodeling in the revised Master Plan. Action will be taken to ensure standoff barriers at animal enclosures are remodeled as per the CZA specifications. Temporary barriers have been placed till permanent barriers are erected.	















Construction of new leopard enclosure as per CZA guide lines and temporary standoff barriers.

21	10.4(10)	Information in the signage provided at the animal enclosures is observed to be factually incorrect.	- 21.04.2008	Faulty signages have been replaced with signages having correct information.	information have been placed
5. UPK	10.5(2)	Not tested samples of food and water provided to animals.	- 21.04.2008	Sample of food and water provided for animals are periodically tested in a registered laboratory.	Veterinarian. Food samples ar sent periodically for testing to registered laboratory and
THE WAY		animais.			documented in the files (Annexure II)





Not made adequate arrangement in the Animal Feed Store. Feed of the animals is being stored in bags lying in floor.

violation observed during Present evaluation on 28.02.18 Animal feed is stored in plastic containers, animal feed is supplied by the contractor in plastic bags and the grains after cleaning are stored in plastic containers for further disposal.

Animal feed is supplied by the contractor in plastic bags, these grains/animals feed after cleaning are stored in plastic containers.

Construction of a separate Store room has been included in the Master Layout Plan

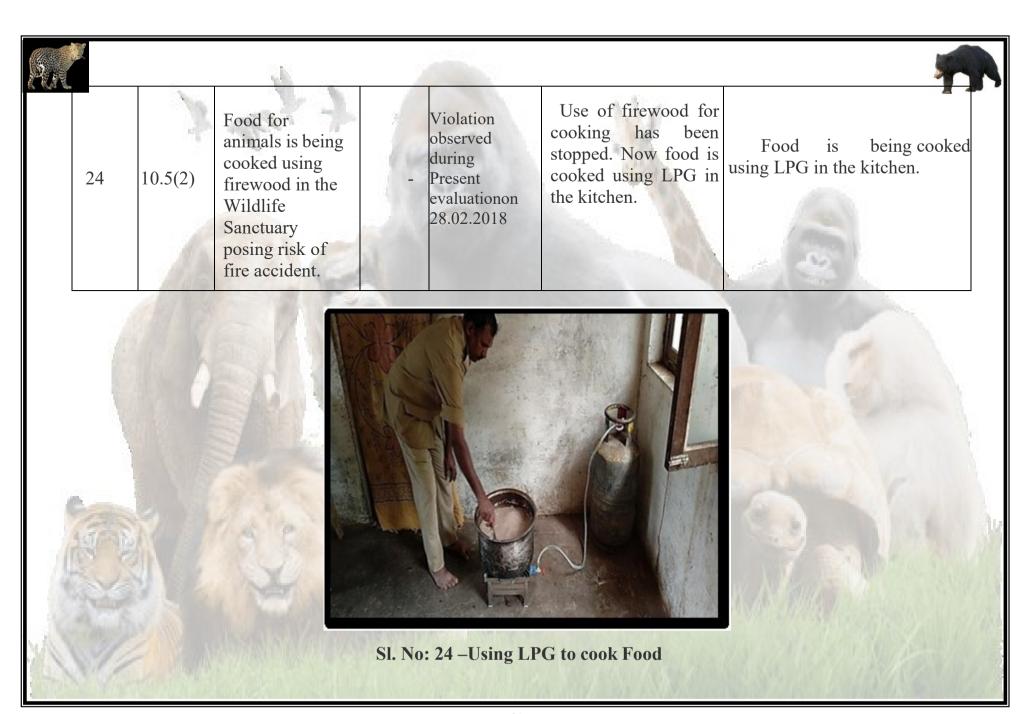






Plastic Containers to store feed.





25	10.5(2)	There is no Meat processing Room in the zoo. The quality of food especially meat being provided to animals in the zoo is not being verified in the zoo and record is being maintained.	24.04.2018	packed separately asper	Meat is procured from slaughter house approved by the Town Municipality. Meat is packed separately as per the requirement of each animal in the slaughter house itself. The quantity received in the Zoo is recorded in the register by Veterinary Assistant. Verification of meat is being done by the visiting Veterinarian, his observations are recorded in the presence of RFO/ in charge of zoo.

Veterinary Assistant and maintenance staff.	26	10.5(5)	Not prepared schedule for disinfection of animal enclosures. Feeding/retiring cells of enclosures are with cob webs.	One Week	21.04.2008	-	prepared and being followed as per guidance of visiting Veterinarian and same is implemented. All enclosures are cleaned by disinfectants every day, the enclosures are now clean and cob webs are removed. Animal keepers and
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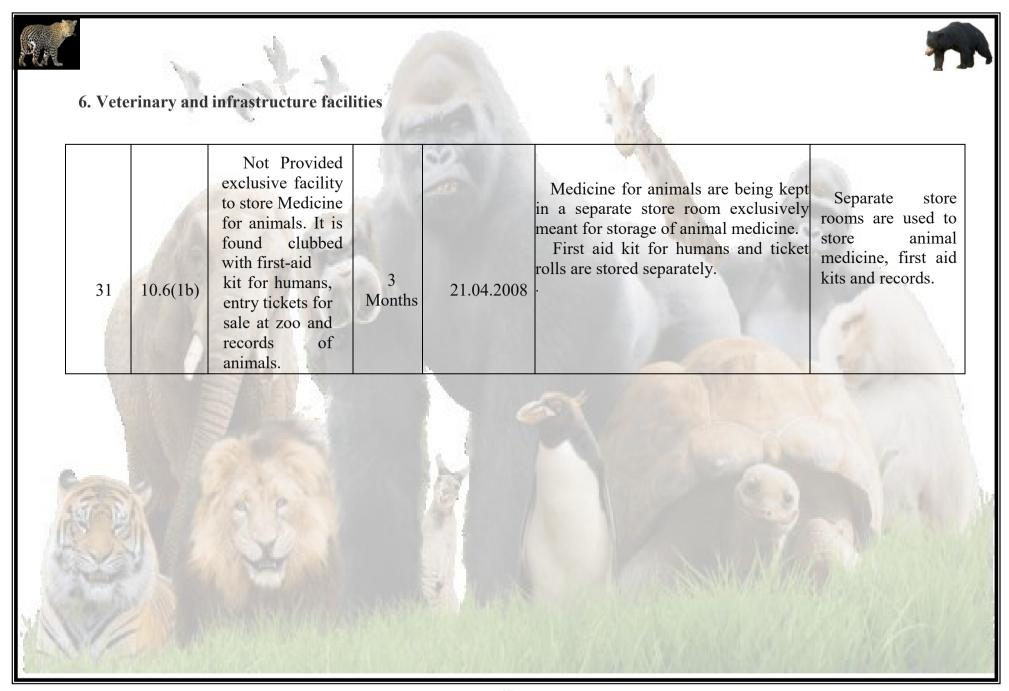


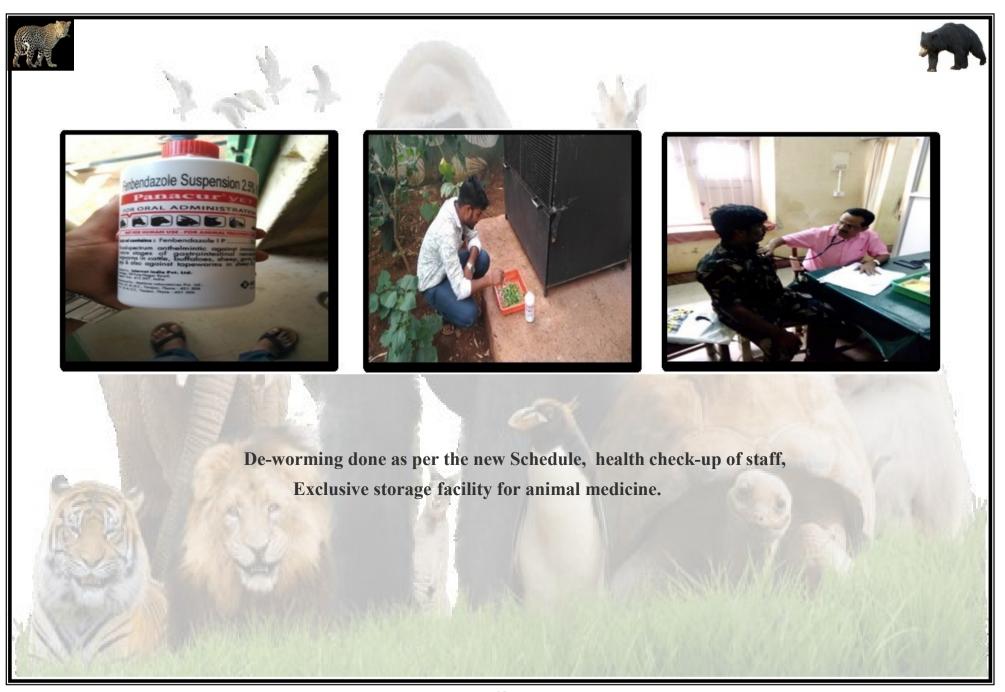
27	10.5(6)	Not deployed Veterinarian and Supervisory level staff for close watch on the general behaviour and health parameters of the zoo animals. Also not developed infrastructure as mandatory under Rule 9 (2) of the Recognition of Zoo Rules, 2009. However, housing endangered species.	3 Months	21.04.08	Health Parameters are regularly monitored by Assistant Director of Veterinary and Animal Husbandry Department who visits Zoo once in a week. Emergency calls are attended by Veterinarian within an hour. Proposed Master Plan submitted to CZA includes development of infrastructure as specified by CZA. The same will be implemented soon after the approval of Master Plan. A full time veterinarian and support staff will be deployed in the Zoo as soon as the Government approves the proposal for appointment of Veterinarian.	A veterinary assistant posted in the Zoo from February 2019 to monitor Health Parameters of Zoo animals regularly. Any change in animal behaviour will brought notice of Assistant Director of Veterinary and Animal Husbandry Department. Emergency calls will be attended by Veterinarian immediately. Proposal has been submitted to Government for recruiting Veterinary doctor for the Zoo. Animal enclosures are being constructed as per approved master layout plan and design. Visitors facility such as toilet, RO drinking water and food court have been provided

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	28	10.5(8)	Schedule for Do worming an Vaccination is no prepared.	e- nd di ev	Violation bserved uring Present valuation on 8.02.18	Schedule for De- worming and Vaccination has been prepared as per the protocols approved by Veterinarian. De-worming and Vaccination are being done under the supervision of Veterinarian.	prepared as per the protocols approved by Veterinarian, They are administered in the presence of Veterinarian. Documents are maintained in file (Pafer
	29	10.5(9)	Not screened staff involved with upkeep and healthcare of zoo animals against Zoonotic diseases.	One Week	21.04.2008	upkeep of captive animals are regularly screened	Animal Keepers/Staff involved in upkeep of captive animals are screened annually against zoonotic diseases. (Annexure V)
1261 Per 1	30	0.5(10)	Not prepared Animal History Card, Keeper's Diary, Daily Report and Treatment Card.	One Month	21.04.2008	Zoo Authority have been prepared and maintained	History of All Animals havebeen Recorded in the prescribed form. (Annexure VI)







32 10.6(3)	Not provided Post- mortem Room, Isolation ward, Quarantine ward, animal restraining and tranquilizing equipment.	violation observed during Present evaluation on 28.02.2018	Construction of Post-mortem Room, Isolation ward, Quarantine ward have been proposed in Master Layout Plan, tranquilizing equipment has already been purchased.	Construction of Post mortem room, Isolation ward, Quarantine ward have been included in the approved Master Layout Plan. G.C ZAK has accorded administrative approval for the construction of the infrastructure approved in Master Lay out plan. Construction of these facilitiesis under progress. Tranquilizing equipment has already been purchased. Tranquilizing equipment is in the custody of the Officer in charge of the Zoo and is stored in a secured place.
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7. POST-MORTEM EXAMINATION AND DISPOSAL OF CARCASS

33	10.7(2)	Not recorded the Post-mortem Report in format prescribed by the CZA. Reports of previous six years are not available for verification.		21.04.2008.	Adumalleshwara Mini Zoo came under the administration of ZAK during 2017. Post mortem reports from the year 2017 to till date, in the prescribed format of CZA, are preserved in the Zoo.	Post-mortem Reports from 2017 onwards are documented in the prescribed format by CZA. Post-mortem Reports are enclosed (Annexure VII)
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34	10.9 (1)	The Zoo Operator kept animals beyond the carrying capacity of the zoo.		21.04.2008.	The Zoo is being remodeled as per CZA norms and animals will be housed in appropriate enclosures after obtaining approval from CZA	per CZA norms and animals will be housed in appropriate enclosures. Proposals have been submitted
35	10.9(4)	Housed single animals in the zoo namely Sloth bear, Jackal, Lady Amherst's pheasant and Silver pheasant.	One Month	21.04.2008.	0	Pairing sloth bear will be done

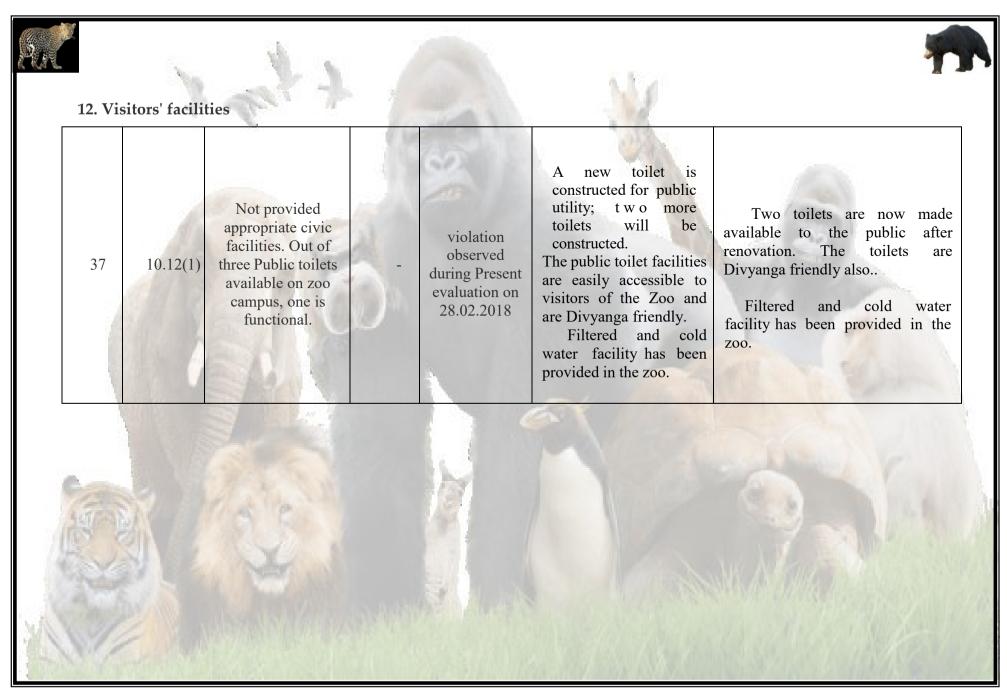






Sl. No: 35 - Pairing of birds in the ratio of 1:2

36	Not implemented appropriate population control measures in case of Blackbuck.	3 Mont hs	measurimplem obtaining permission compermission compermiss	ssion from etent authority. blus Blackbucks e shifted to their d habitat within months after	Proposal has been submitted to Chief Wild Life warden, Karnataka for disposal of excess Blackbucks available in the zoo
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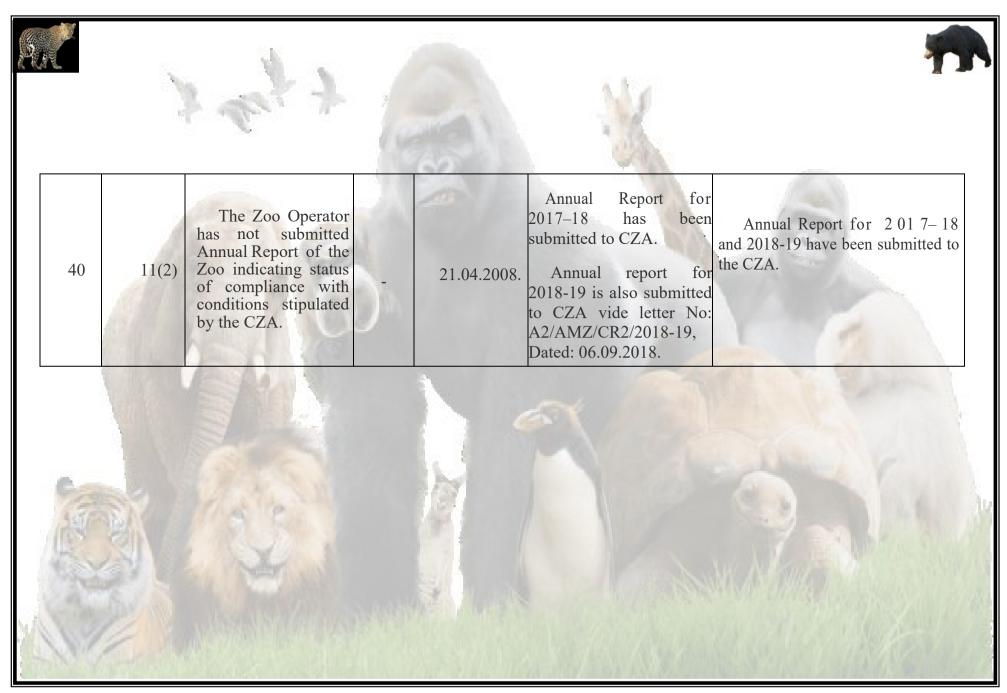




Rule 11. Maintenance of Records and submission of Inventory



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38	11(1)	The Zoo Operator has not submitted Quarterly Inventory Report to the Central Zoo Authority for threequarters of the year 2017-18.	15 Days	violation observed during Present evaluation on 28.02.201	Quarterly inventory reports have already been submitted to CZA for the year 2017-18.vdeletter dated 26.07.2017, Letters dated.10.11.2017, 10.01.2018, 13.04.2018 Quarterly inventory reports have been submitted to CZA for the year 2018-19. Vide letter No:A7/MiniZoo/Inventoy Report/CR1/2017-8,dated 13.04.2018. A revised inventory with necessary corrections is also submitted to CZA on 24.07.2018.and 19.09.2018	Complied with.
39	11(1)	The Zoo Operator has not reported to the Central Zoo Authority in Annual Inventory Report for 2016-17 regarding possession of Jackal and Parakeets in the collection. Whereas Ring necked pheasants reported are not found during evaluation.		21.04.200	By oversight some of the animals were left out in the Annual Inventory Report of 2016-17 submitted to CZA. Omissions have been included and the corrected report has been submitted.	The Annual Inventory Report for 2016-17 has been submitted to CZA. vide letter No.:A7/Mini Zoo/Inventory Report/CR- 1/2017-18 Dated,06.09.2018, necessary corrections have been incorporated. The Annual Inventory Report for the year 2018-19 has also been submitted to CZA Vide letter No.:A7/Mini Zoo/Inventory Report/CR-1/2018-19 Dated, 13.04.2018







41	Secti on 11(1)(a) & 38-1 of the Wildlife (Protecti on) Act, 1972	Not produced documentary evidence of permission obtained from the Chief Wildlife Warden under Section 1(1)(a) and the Central Zoo Authority under Section 38-I of the Wild Life (Protection) Act, 1972, for acquisition of animals.		21.04.2008.	A proposal has been submitted to Chief Wildlife Warden to ratify the acquisition of animals. Acquisition of animals is done as per provisions of the WildLife(protection)Act 1972.	Chief Wildlife Warden, Karnataka has accorded approval for acquisition of
42	Vicas ?	Not submitted Half yearly report regarding progress made in implementation of the conditions stipulated by the Central Zoo Authority	-	03.01.2013	All pending reports have been submitted to the CZA.	Compliance reports have been submitted to CZA along with annual report for 2017 - 18.

