

ZOO AUTHORITY OF KARNATAKA

**INDIRA PRIYADARSHINI PRANI SANGRAHALAYA,
ANAGODU
ANNUAL REPORT FOR THE YEAR
2019-20**



**J. SRINIVASA MURTHY, SFS.,
Executive Director
and Deputy Conservator of Forests
Davanagere Division, Davanagere**



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1. **History of the zoo** : Davanagere district is spaced centrally in Karnataka's geographical map. The District once known as "**Manchester of Karnataka**" is now emerging as centre for education with variety of faculties colleges. The district also home renowned Archaeological monuments and other tourist spots. The said zoo attracts students, rural folks, urbanites from all over Davanagere District and neighbouring.

The Anagodu Forest Block is situated on either sides of the National Highway No. 4 on Davanagere to Bangalore road, spread over 151.56 ha. It is about 18 Kms. from Davanagere. The Southern forest block of 101 ha. houses "**Indira Priyadarshini Prani Sangrahalaya**".

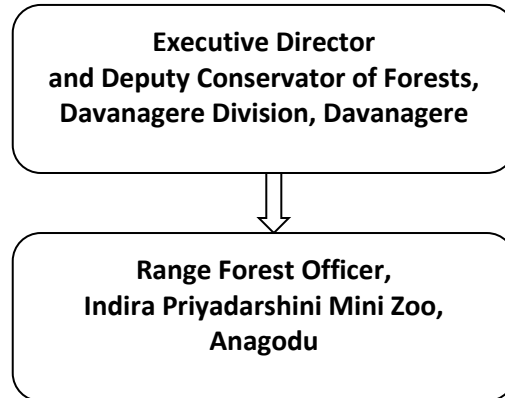
2. **Vision:** We envision a world where wildlife and humans flourish together.
3. **Mission** : To connect visitors to animals through exemplary animal welfare and care, best educational and inspirational experiences, fostering public appreciation and support for wild animals and conservation.
4. **Objectives** :
 - Recreation and nature education for children in particular and tourist in general.
 - Rescue and rehabilitation of wild orphaned animals and birds.
 - To develop an understanding and awareness among the tourists on the need for conservation of natural resources.
 - Recreation for the purpose of providing wholesome, healthy, education activity by utilizing the natural features.

Sl.No.	Particulars	Information
Basic Information about the zoo :		
1	Name of the zoo	Indira Priyadarshini Prani Sangrahalaya, Anagodu
2	Year of Establishment	1993
3	Address of the zoo	Indira Priyadarshini Prani Sangrahalaya, PB Road, Anagodu, Davanagere District, Karnataka
4	State	Karnataka
5	Telephone Number	08192-262527
6	Fax Number	08192-262527
7	E-mail address	dcfdvg@gmail.com
8	Website	-

Sl.No.	Particulars	Information
9	Distance from nearest	Airport : Bangalore, Hubli
		Railway Station : 339 Km from Bangalore & 160 Kms from Hubli
		Bus Stand : 264 Kms from Bangalore, 160 Kms from Hubli [NH4] & 19 Kms from Davanagere city.
10	Recognition Valid upto [Date]	21-08-2021
11	Category of zoo	Mini Category Zoo
12	Area [in Hectares]	15.00 Acres
13	Number of Visitors [2019-20]	Adult : 35630
		Children : 15622
		Total Indian : 51252
		Total Foreigners : -
		Total Visitors : 51252
14	Visitors facilities available in zoo	Canteen, Toilet, Drinking water and Paragola
15	Weekly closure day of the zoo	Tuesday
Management Personnel of the zoo :		
16	Name with designation of the Officer-in-charge	Sri J.Srinivasa Murthy. Executive Director & Deputy Conservator of Forests, Davanagere division, Davanagere.
	Name of the veterinary officer	-
	Name of the Curator	-
	Name of the Biologist	-
	Name of the Education Officer	-
	Name of the Compounder/Lab Assistant	-
Owner/Operator of the zoo :		
17	Name of the operator	Sri B.P.Ravi. I.F.S Additional Principal Chief Conservator of Forests [Zoo Authority of Karnataka], Mysore
18	Address of the operator	Office of Member Secretary, Zoo Authority of Karnataka, Sri Chamarajendra Zoological Garden Premises, Mysore, Karnataka.

Sl.No.	Particulars	Information
19	Contact details/Phone number of operator	08192-262527
20	E-mail address of operator	dcfdvg@gmail.com

5. Organisational Chart :



6. Human Resources :

Manpower of the Zoo*

Sl.No.	Designation	Number of Sanctioned posts	Names of the incumbent
1	Range Forest Officer [Deputation]	01	Sri Satishkumar K.P
2	Gate Keeper	01	-
3	Animal Keeper	02	-
	Total of all groups.	4	

7. STAFF PATTERN

(Sanctioned posts along with contract basis staff)

Sl.No.	Designation	Number of Sanctioned posts
I. Deputed staff		
1.	Executive Director (Deputy Conservator of Forests)	1
2.	Range Forest Officer.	1
3.	Deputy Range Forest Officer.	2
4.	Forest Guard.	
	Total:	
II. ZAK permanent staff		
1.	DRE	3
	Total:	3
III. Other staff		
1.	Veterinary Officer.	1
2.	Veterinary Assistant cum Education officer.	
	Total:	

8. Capacity Building of Zoo Personnel :

Capacity building activities to the zoo staff is very essential for the management of animals. As zoo personal should be skilled enough to handle the animals effectively without harming the animals. To achieve this, regular training programs to be conducted for zoo personal including executive and non-executive staff. Mainly such program gives or increases the capacity of the zoo keepers in handling of animals and for overall management of zoo.

Sl. No.	Name and designation of the zoo personnel	Subject matter of Training	Period of Training	Name of the Institution where the Training attended
-	-	-	-	-

9. Zoo Advisory Committee:

Overall zoo was managed by the Guidelines/inspection carried out by Chief Wildlife Warden, Karnataka and Member Secretary, Zoo Authority of Karnataka.

10. Health Advisory Committee:

In order to monitor the animal's and veterinary care, Indira Priyadarshini Pranisangrahalaya has a Health Advisory Committee, as mandated by the Central Zoo Authority.

Sl. No.	Members of Health Advisory Committee.
1.	Executive Director and Deputy Conservator of Forests, Davanagere division, Davanagere.
2.	Deputy Director, Veterinary dept, Davanagere.
3.	Range Forest Officer, Indira priyadarshini Prani Sangrahalaya, Anagodu.

11. Statement of income and expenditure of the Zoo for the year 2019-20 :

Expenditure	Rs. In lakhs	Income	Rs. In lakhs
Establishment charges	6.966	Gate Revenue	9.456
Animal Feed and fodder	12.381	Hotel Rent	0.200
Office Expenses	0.168		
Other Development works	10.06		
Total	29.575	-	9.656

12. Daily feed schedule of animals :

Sl. No.	Species	Feed item	Quantity [Kg.]	Day of fasting
1	Spotted Deer	Hay	0.20	Tuesday
		Lucern	0.35	
		Green grass [Napier]	1.00	
		Green grass [para grass]	1.00	
		Ground nut cake	0.15	
		Salt	0.01	
		Horse gram	0.25	
		Wheat bran	0.50	
		DC oats	0.02	
		Cut branches weekly 2 days	1.00	
2	Indian Flap shell Turtle	Beef boneless weekly 6 days	0.05	
3	Sloth bear	Bread	1.50	
		Banana	0.20	
		Milk	2.10	
		Apple	0.15	
		Grapes	0.40	
		Seasonal fruits	0.60	
		Sweet potato	0.10	
		Ragi flour	0.20	
		Egg Weekly 2 days	0.05	
		Honey	0.01	
4	Black buck	Hay	0.20	
		Lucern	0.10	
		Green grass [Napier]	0.50	
		Green grass [para grass]	0.50	
		Ground nut cake	0.15	
		Salt	0.005	
		Horse gram	0.20	
		Wheat bran	0.40	
		Carrot	0.10	
		Cut branches weekly 2 days	1.00	
5	Four Horned Antelope	Lucern	0.15	
		Ground nut cake	0.075	
		Salt	0.005	
		Horse gram	0.10	
		Wheat bran	0.20	
		Bengal gram	0.70	
		Green gram	0.07	
		Carrot	0.05	
		Cabbage	0.05	
		Banana	0.02	
Cut branches weekly 2 days	1.00			

13. Vaccination Schedule of animals :

Sl. No.	Species	Disease vaccinated for	Name of the Vaccine and dosage/quantity used	Periodicity	Remarks
1	All Cloven Footed Animals	FMD [Foot and Mouth Disease]	FMD Vaccine Dosage 2 ml per animal	February and December	-
2	All Cloven Footed Animals	HS [Hemorrhagic Septicemia]	HS Vaccine 6 ml for each	May and June	-
3	All Cloven Footed Animals	BQ [Black Quarter]	BQ Vaccine 5 ml per each	May and June	-
4	All Species of Animals	Anthrax	Anthrax Spore Vaccine 1 ml	May and June	-
5	Feline Species	Feline Rabies	Anti Rabies Vaccine 1 ml per animals and booster dose after 30 days and then	Annually	-
6		Feline Panleukopenia	Feline Panleukopenia 1 ml each	Annually	-
7		Feline Herpesvirus	Feline Herpes Virus Vaccine	Annually	-
8		Feline Calcivirus	Feline Calcivirus Vaccine	Annually	-
9		Feline Leukemia	Feline Leukemia Virus Vaccine	Annually	-
10	Birds and Poultry	Lasota	Lasota	5-7 th day repeat booster after 21 days	-
11		Infectious bursal disease	IBD	14-16 th day repeat booster after 21 days	-
12		Fowl Pox	Fowl Pox	7 th week	-
13		Raniketh	R2B	10 th week	-
14		Lasota	Lasota	17 th week	-

14. De-worming Schedule of animals :

Sl. No.	Species	Drug used	Month
1	All cloven footed animals	Albendazole, Fenbendazole, Prazoquantal, Trichlobendazole, Levamisole, Ivermectin and its combinations	Starting at the age of 21 days of age and repeating after 3 months till 6 months of age, and after that twice a year
2	Feline species and bears	Albendazole, Fenbendazole, Mebendazole, Ivermectin and pyrantel pamoate, and its combinations	Twice a year

15. Disinfection Schedule :

Sl. No.	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
1	All Cloven Footed Animals	Fencing	Phenolic Compounds	As and when required
2	Feline wild animals including bear	Cages	Phenolic Compounds	As and when required
3	Poultry and Birds	Cages	Phenolic Compounds and virchow-s spray and fogging	As and when required

16. Health check-up of employees for zoonotic diseases :

Sl.No.	Name	Designation	Date of Health Check-up	Findings of Health check up
-	-	-	-	-

17. Development works carried out in the zoo during the year :

-Nil-

18. Education and Awareness programmes during the year :

- The basic objective of the zoo is to inculcate in the zoo visitors love for wild animals and build up awareness for conservation of natural resources.
- The zoo would therefore provide proper signage at each enclosure, guide maps, pamphlets and organize guided tours for school children in batches.
- Participation of non-governmental organizations would be encouraged in educational programmes.
- Signage at animal enclosures would provide description of the species, its status, distribution and habitat.
- Conducting Chinnara Vana Darshana Programme.

19. Important Events and happenings :

-Nil-

20. Seasonal special arrangements for upkeep of animals :

-Nil-

21. Research work carried out and publications :

-Nil-

22. Conservation breeding programme of the zoo :

-Nil-

23. Animals acquisition/transfer/exchange during the year :

A.	Animals arriving in the zoo				
	H.No.	Species	Number [M:F]	From which zoo	Date of arrival in the zoo
	- Nil -				
B.	Animals going from the zoo				
	H.No.	Species	Number [M:F]	Going to which zoo	Date of deposition from the zoo
	- Nil -				

24. Rescue and Rehabilitation of wild animals carried out by the zoo :

Sl. No.	Date of Rescue	Species with number of animals rescued with their sex [M:F:U:T]	Received from	Date of submission of report to the CWLW/ CZA	Action taken	
					Date and place of rehabilitation in their habitat	Reasons for housing in the zoo, if not released in their habitat
1			NIL			-

25. Annual Inventory of animals :

Form-II
[See Rule-11(1)]
Part-A
Inventory Report for the year : 2019-20
Endangered Species*

SI No	Species	Stocks as on 31/03/2018				During the year 2019-20												Stocks as on 31-03-2020				
						Births			Acquisition			Disposals			Deaths							
		M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	T	M	F	U	T
	Birds																					
1	Peacock	1	4		5													1	4		5	
2	Silver Pheasant	1	2		3									1	2	-	3	0	0		0	
3	Chinese ring Necked Pheasant	0	2		2									-	2	-	2	0	0		0	
4	Red Jungle fowl	0	4		4										2	-	2	0	2		2	
5	Ring-necked Parrot	9	2		11													9	2		11	
6	Budgerigar	5	10		15													5	10		15	
7	Love Birds	5	15		20													5	15		20	
8	Golden yellow pheasant	0	0		0													0	0		0	
9	Lady Amhers't Pheasant	2	1		3									1	-	-	1	1	1		2	
10	Parrot	9	0		9							9	-	-				0	0	0	0	
	Total Birds	32	40	0	72							9	-	-	2	6	-	8	21	34	0	55
	Mammals																					
1	Spotted deer	49	74	0	123	6	9							1	2	-	3	54	81	0	135	
2	Black-Buck	3	1	0	4		1							1	-	-	1	2	2	0	4	
3	Slothbear	1	0	0	1													1	0	0	1	
4	Four horned antilope	0	0	0	0				1									0	1	0	1	
	Total Mammals	53	75	0	128	6	10		1					2	2		4	57	84	0	141	
	Grand Total	85	115	0	200	6	10		1		9			4	8		12	78	118	0	196	

Note : M=Male F= Female U= Undetected T= Total

26. Mortality of animals :

Sl. No.	Animal Name [with individual identification mark, if any]	Sex	Date of Death	Reason of Death as per the Post-mortem report
1	Spotted Deer	Female-1	10-6-19	CWD
2	Spotted Deer	Male-1	10-6-19	Shock due to Haemorrhagic injury
3	Spotted Deer	Female-1	29-1-20	CWD
4	Black Buck	Male-1	10-2-20	Vital Organs Injury
5	Chinese Ring Necked Pheasant	Female-2	09-7-19	Coccedosis disease
6	Silver Pheasant	Female-1	6-5-19	Shock and Haemorrhage
7	Four horned antelope	Male-1	14.08.18	Because of severe shock and Septicaemia
		Female-1	11.08.18	

27. Status of the Compliance with conditions stipulated by the Central Zoo

Authority :

Details on compliance of the conditions stipulated by the Central Zoo Authority (as per the earlier letter of grant of recognition issued to the zoo)

- 1) Letter No. : F.No.19-230/93-CZA(112)(NS)/4631/2018 dated : 17-10-2018
- 2) Letter No. : 19-230/93-CZA (112)(NS)/874/2016 dated : 09-06-2016
- 3) Letter No.: 19-230/93-CZA(112)(M)/1954, dated : 31-12-2012/01-01-2013

Sl. No	Norm No. under RZR, 2009	Condition Stipulated	Time Period to Comply	Since when pending	Remarks	
					Status with regard to compliance of the conditions as submitted by the Officer-in-charge of the Zoo	Status with regard to compliance as noted physically by the evaluator during the visit
1. General Requirements :						
1	10.1(1)	The Deer Park has been housing 145 nos. of Spotted Deer in its collection. However, no deaths are being reported during the financial year. It is questionable that no deaths have occurred during the financial year.	Zoo Authorities to look into this immediately.	17-10-2018	It was verified that during the financial year no death has occurred of Spotted deer and intense monitoring is going on.	

2	10.1(2)	The weed growth present at various places in the zoo premises should be removed to improve the landscape and it should be continued in future also.	One month	09.06.2016	Yes, Complied	
3	10.1(3)	Visitor's movement is not regulated. It should be ensured that visitor's path should not exceed 25% of the periphery of the enclosure. This is to ensure adequate withdrawal area to the anima. During the evaluation it was seen that the aviary and most animal enclosures at the zoo have 360 degree viewing. The zoo has not restricted the viewing of the exhibits to the visitors.	Immediately	09.06.2016, 17-10-2018	Necessary barricades are already erected to restrict the visitors to 25% of the periphery of the perimeter of the enclosure (photographs enclosed).	
4	10.1(4)	A two meter high chain-link fence should be erected separating the Children Park from the zoo	Within six months	21.04.2008 and 31.12.2012/0 1.01.2013	Not done as Master plan is not approved	
5	10.1(7)	Soak pits to be constructed to accommodate washings from the feeding kraal of the deer enclosure	Within six months	31.12.2012/0 1.01.2013	Not done as Master plan is not approved	
6	10.1(9) / 10.1 (6)	Zoo should release the Peafowls in its collection free in nature/ transferred to other zoo (Bannerghatta Zoo)	Immediately	31.12.2012/ 01.01.2013	Not done	
7	10.1(9)	The zoo should remove all domestic animals (ducks and rabbits)	Immediately	17-10-2018	All domestic animals are already removed.	
8	10.1(9)	The zoo should have measures in place to prevent entry of stray animals.	Three months	09.06.2016	Done, Enclosed with chain link mesh all around the area.	

2. Administrative and staffing pattern :						
9	10.2(1)	The Zoo Authorities should appoint a full time officer-in-charge with adequate administrative and financial powers	Immediately	09-06-2016 & 17-10-2018	Post of whole time officer-in-charge of zoo with adequate administrative and financial powers has been created by Government of Karnataka.	
10	10.2(2)	The Zoo Authorities should appoint a Veterinary Officer to look after the day to day health of the animals, neither any arrangements have been made with a local veterinary officer.	Immediately	31.12.2012/ 01.01.2013 & 17-10-2018	Arrangements have been made with local Veterinary Officer for veterinary care of animals. Local Veterinary Officer co-ordinating with the zoo. However, a proposal has been submitted to the Government through proper channel for creation of a post of Technical personnel at the rank of Veterinary Inspector to take care of facilities for having, upkeep and veterinary care of animals.	
3. Development & Planning						
11	10.3(1)	The zoo should submit the Master Plan to CZA. Till such action no new enclosure shall be constructed, as it is noticed that some enclosures for birds and an enclosure for Sloth bear were constructed between the period last evaluation and now, without obtaining prior approval of the Master Plan of the zoo and enclosure design of the endangered species from CZA	Three months	21.04.2009 and 09.06.2016	No, As the Master plan is not approved by CZA.	
12	10.3(8)	During the last two year (2016-17 and 2017-18), the Deer Park has acquired following animals without obtaining prior approval from the	The Zoo Authorities should be issued notice for this immediately seeking a	17-10-2018	All these animals were rescued long back and a detailed report is sought from the curator of the zoo regarding their acquisitions.	

		Chief Wildlife warden, Karnataka and CZA : a. Spotted Deer 1:1 b. Blackbuck 0:1 c. Four horned antelope 1:1 d. Sloth bear 1:0	report.		The same would be reported to the chief wildlife warden and further animal acquisitions has been already stopped. As per the instructions of the CZA.	
4. Animal housing, display of animals and animal enclosures						
13	4.1 & 4.2	Area of the spotted deer enclosure should be extended to increase the depth of the enclosure and excluding the slop by area 1 where soil erosion is being accommodated because of movement of deer.	Within six months	31.12.2012/ 01.01.2013	Not done	
14	4.1/4.2	A small check dam should be constructed across the nala passing through the deer enclosure.	Within one year	31.12.2012/ 01.01.2013	Not done	
15	4.1 & 4.2	Sloth bear should be shifted to Bannerghatta zoo and the sloth bear enclosure dismantled	Within six months	31.12.2012/ 01.01.2013	Not done	
16	4.1 & 4.2	Peacocks should be left free in nature and the existing enclosure redone/modified to accommodate parakeets/partridges	Within one year	31.12.2012/ 01.01.2013	Not done	
17	4.2	Appropriately designed kraal should be constructed for feeding of the deer on the sides away from the visitors	Within one year	31.12.2012/ 01.01.2013	Not done	
18	4.2	The Zoo Operator should provide every enclosure with planting appropriate species of trees for providing shade and shelter	Three months	21.04.2008	Done	
19	4.2	The zoo should keep of such number of animals of such species for which appropriate housing facility exists.	With immediate effect	21.04.2008	Complied, Except Deer Enclosure	

20	4.2 & 4.3	The Zoo Operator should create/modify/improve animal housing (for the targeted species identified under the Master Plan). The animal enclosures in the park should be so designed as to meet the biological requirements of the animals housed therein. The enclosure should be of such size as to ensure that the animals get space for their free movement and exercise.	Six months	21.04.2008	Not Done as the Master plan is not approved.	
21	10.4(3)	<p>a. All enclosures should have keepers entry gate to service the animal enclosures from the back side of the enclosure.</p> <p>b. Four horned antelope are housed along with Silver pheasant and Love birds and small size cage. The zoo is advised to house the exotic animals separately.</p> <p>c. Domestic ducks (4 nos.) are housed along with Spotted deer. The domestic ducks should be removed immediately.</p> <p>d. Rose ringed parakeet is housed together with domestic Rabbits and golden pheasant. The domestic rabbits should be removed and should not be housed within the premises of the zoo.</p> <p>e. Rabbits and Silver pheasant should not be housed together.</p> <p>f. The Sloth bear is housed in dingy enclosure of a size of 20 mt x 10 mt</p>	<p>Immediately</p> <p>Immediately</p> <p>Immediately</p> <p>Immediately</p> <p>Immediately</p> <p>Immediately</p>	17-10-2018	<p>Necessary arrangements have been made to keepers entry gate to service the animal enclosures from the back side of the enclosure.</p> <p>Exotic animals are separately housed and the instruction is followed.</p> <p>Domestic ducks are removed from zoo.</p> <p>Domestic Rabbits are removed from zoo and further instruction followed.</p> <p>Rabbits and Silver pheasant are separated and domestic Rabbits removed from the zoo.</p> <p>Necessary action will be taken in this regard very soon.</p>	

		<p>and the feeding cells is provided is of triangle in shape. The said Sloth bear either provide the enclosure of the size as prescribed by the CZA or shifted to any recognized zoo in the State.</p> <p>g. During the evaluation the Sloth bear was seen with a wound with flies and the veterinary Officer was not aware of the same. Neither the zoo has any medicines or ointments in its stick.</p> <p>h. The feeding cell for Sloth bear and other herbivores does not have proper locking system. The houses should be provided with adequate locking system for the safety of animals and visitors.</p> <p>i. The aviary housing the Peafowl was found signage of Ring necked pheasant. The same should be rectified.</p>	<p>The bear should treated immediately</p> <p>Immediately</p> <p>Immediately</p>		<p>The Sloth bear treated immediately after evaluation. Now the Sloth bear is healthy medicines necessary for the zoo are purchased.</p> <p>Proper locking system has been made. The instruction followed and enclosed.</p> <p>It is corrected and rectified.</p>	
22	10.4(3)	The Zoo should separate visitor's path and service path. Service entry in to animal enclosure should not be accessible to visitor's . it should be corrected.	Immediately	17-10-2018	Correction has been made in this regard. Now the zoo has separate visitor'	
23	10.4(6)	Enrichment of animal enclosures in	Three months	17-10-2018	Necessary enrichments have	

		inadequate. The same should be provided. Particularly, a raised platform should be provided in the retiring cell for Leopard.			been provided a raised platform is provided in the retiring cell.	
24	10.4(7)	The Zoo Authorities should provide screening between enclosures. It should be provided screening by using plants of various species.	Immediately	31.12.2012/ 01.01.2013 & 17-10-2018	Adequate screening is provided between enclosures by using plants of various species is followed.	
25	10.4(7)	Proper screening shall be provided in pheasants and Red jungle fowl enclosure to prevent excitement/stress due to visibility in these enclosures.	With immediate effect	09.06.2016	Done	
26	10.4(9)	The Zoo should provide standoff barriers are provided at any of the enclosure at the zoo All enclosure should be provided with standoff barrier of the size as prescribed by the CZA.	Three months	21.04.2008, 31.12.2012/ 01.01.2013, 09.06.2016 & 17-10-2018	Standoff barriers are established as per the size of the CZA (photographs enclosed).	
27	10.4 (10)	The zoo should provide signage's on all the animal enclosures containing the biological information about the species.	Three months	21.04.2008, 31.12.2012/ 01.01.2013 & 17-10-2018	Signage's containing information about the biological, information about the species housed have been put in place (photographs	
5. Upkeep and health care of animals :						
	10.5(1)	Periodic sterilization of the feeding cells, kraal Chain-link fence as per Rules	With immediate effect	31.12.2012/01 .01.2013	Done	
	10.5(2)	The zoo should have uniform distribution of food and should follow a feeding schedule etc by contacting the major zoos like Mysore/Bannerghatta zoo.	With immediate effect	21.04.2008 and 09.06.2016	Not Done	

28	10.5(2)	The food provided to the animals was found in pathetic condition. The quality of the food should be checked by the officer-in-charge and veterinary officer of the zoo, before it is offered to the animals.	With immediate effect.	17-10-2018	The quality of the food officering to the zoo animals are regularly checking by the officer-in-charge and Veterinary Officer of local hospital.	
29	10.5(3)	The feed and fodder for the ungulates should be placed at more number of places, along with water. Mineral licks should be hung to tree branches in ungulate enclosure at 5-6 places	With immediate effect	09.06.2016	Done	
30	10.5(4)	There is rat menace noticed in the food store. The food items are placed on the floor rendering them prone to catch moisture. Hence they should be placed on wooden platform. The feed store should be made rat free.	One month	09.06.2016	Done	
31	10.5(5)	The food containers and water bowls/trays/troughs shall be cleaned and disinfected on daily basis. The left over food should be removed every day in evening to prevent rat menace Similarly the left over excreta in ungulate enclosure should be removed daily.	With immediate effect	09.06.2016	Done	
32	10.5(6)	The animal shall be handled only by the staff having appropriate experience and training in handling the animals. Every care shall be taken to avoid discomfort/ behavioural stress or physical harm to any animal.	With immediate effect.	21.04.2008	Done	

37	10.6(3)	The zoo should employ a compounder / stockman for healthcare of animals	With immediate effect	31.12.2012/ 01.01.2013	Not Done	
38	10.6(3)	The zoo should ensure to provide adequate animal restraint equipment to meet emergency. It should be ensured that adequate restraining and tranquilising and transport equipment are in operational condition.	Immediately	17-10-2018	Necessary action will be taken up in this regard.	
7. Post mortem and disposal of carcasses of animals						
39	10.7(2)	The findings of the post mortem should be recorded in the format as prescribed by CZA and preserved.	With immediate effect	21.04.2008, 31.12.2012/01 .01.2013 and 09.06.2016	Not Done, but PM Reports are maintained in ED office.	
9. Acquisition and breeding of animals						
40	10.9(4)	The zoo should acquire a male for the single female sloth bear. Similarly, pheasants should be paired.	Three-five months	09.06.2016	Not Done	
41	9.9	Spotted deer should be kept as per the carrying capacity of the enclosure	Six months	21.04.2008 and 09.06.2016	Not Done, but excess animals may be transported and released near by forest areas with prior permissions of the Higher Authority. The care must be taken as the deer is sensitive animal.	
42	9.9	The Zoo Operator should immediately implement appropriate control measures to safeguard against uncontrolled growth to the population of Spotted deer by implementing appropriate population control measures.			No	
12. Visitor Facilities						
43	10.12(2)	Anti snake venom should be available at zoo.	With immediate effect	31.12.2012/01 .01.2013 and 09.06.2016	No	

44	10.12(2)	There is no First aid kit and snake anti-venom serum and life saving drugs on the zoo campus. The same should be provided.	Immediately	17-10-2018	First aid kit has been procured already and anti-venom would be procured and would be reported	
45	10.12(3)	The Zoo should facilitate the physically disabled visitors to visit animal enclosures. The visitor's path should be modified with the help of ramps to facilities wheel chair bound visitors to visit the animal enclosures. The	Immediately	17-10-2018	Necessary action will be taken.	
46	Rule 11- Maintenance of Records and submission of inventory to the Central Zoo Authority :					
	Other Observations :					
47		The food items should be checked periodically for quality and freshness.	With immediate effect	09.06.2016	Done	
48		The food and water samples shall be tested periodically for microbiological and other contaminants.	With immediate effect	09.06.2016	Not Done	
49		A pucca post mortem room should be constructed at a place away from the enclosures, with all necessary equipment as per CZA norms.	With immediate effect	09.06.2016	Not Done	

28. List of free living wild animals within the zoo premises :

A. Birds :

- Asian Koel
- Asian paradise flycatcher
- Barn owl
- Black rumped flameback woodpecker
- Balck Drongo
- Common iora
- Common myna
- Cattle egret
- Crested serpent eagle
- Greater coucal
- Great tit

- Small green bee eater
- Inidna Grey Hornbill
- Indian hoopae
- Indian Peafowl
- Jungle crow
- Jungle myna
- Jungle sparrow
- Oriental magpie robin
- Rose ringed parakeet
- Red vented Bulbul
- Red wattled laping
- White throated kingfisher

B. Reptiles.

- Rat snake
- Garden lizard
- Common wolf snake
- Yellow collared wolf snake

C. Mammals.

- Hanuman languor
- Hare
- Mongoose

D. Butterflies.

- Blue tiger
- Blue pancy
- Chocolate pancy
- Common crow
- Common evening brown
- Common emigrant
- Common grass yellow
- Common lime
- Common Mormon etc.,

