

# Adumalleshwara Mini Zoo, Chitradurga.

## Annual Report for the year 2017-18



**CONTENTS :**

<b>Sl. No</b>	<b>Section</b>	<b>P.No.</b>
1.	Report of the Officer-in-charge.	1-1
2.	History of the Zoo.	1-1
3.	Vision.	2-2
4.	Mission.	2-2
5.	Objective.	2-2
6.	About us.	2-5
7.	Organizational Chart.	6-6
8.	Human Resources.	7-7
9.	Capacity Building of the zoo personnel.	7-7
10.	Zoo Advisory Committee.	8-8
11.	Health Advisory Committee.	8-8
12.	Statement of income and expenditure of the Zoo.	8-8
13.	Daily feed Schedule of animals.	9-9
14.	Vaccination Schedule of animals.	10-10
15.	De-worming Schedule of animals.	10-10
16.	Disinfection Schedule.	11-11
17.	Health Check-up of employees for zoonotic diseases.	11-12
18.	Development Works carried out in the zoo during the year.	12-12
19.	Education and Awareness programmes during the year.	12-12
20.	Important Events and happenings in the zoo.	12-13
21.	Seasonal special arrangements for upkeep of animals.	13-13
22.	Research Work carried out and publications.	14-14
23.	Conservation Breeding Programme of the Zoo.	14-14
24.	Animal acquisition / transfer / exchange during the year.	14-14
25.	Rescue and Rehabilitation of the wild animals carried out by the zoo.	14-14
26.	Annual Inventory of animals.	15-15
27.	Mortality of animals.	16-16
28.	Status of the Compliance with conditions stipulated by the Central Zoo Authority.	17-38
29.	List of free living wild animals within the zoo premises.	38-38

---



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

It is first time that I am working in a Zoo. It took some time for me to understand the management of Zoo. Later it was found managing animals is much easier than managing the visitors. It requires lot of patience to handle few stubborn visitors. It was a pleasure to interact with the visitors particularly children who are keen in knowing behaviour of each animal. People of Chitradurga emotionally attached to Adumalleshwara Mini Zoo, every guest is brought to show animals in the Zoo. It is popular among the people of Chitradurga because of its location. They need to travel at least 1.5 Kms inside the Sanctuary to reach the Mini Zoo, in between they are likely to encounter group of Peacocks, large variety of Birds. It serves both the purpose for the youngsters visiting the Zoo as well as capturing some images.

The staff in the Zoo are very committed in the management of zoo. They are sincere in up keeping the enclosures and Zoo premises. October to December zoo receives large number Of student groups from Northern and central Karnataka. The mini Zoo is serving as nature education centre as well as centre for knowledge on wild animals.

Since the Zoo was started in 1987 there is less scope to remodel the existing enclosures. A master layout Plan is prepared as per the CZA guidelines and submitted for approval. Efforts are made to increase greenery in the zoo few infrastructures have been added for the benefit of visitors. We are committed to make the Zoo much more attractive in coming years.

## **2. History of the Zoo :-**

AdumalleshwaraGudi Mini Zoo and Balavana in the limits of Chitradurga Forest Division is situated at a distance of 5 Km. south of Chitradurga town in Sy.No.26 of Chitradurga (Longitude: E - 76° 23' 648", N- 14° 23' 094") at an elevation of 787 mtrs. above mean sea level (MSL). Jogimatti Reserve Forest has been notified as Wildlife Sanctuary dated 23.12.2015. The Mini Zoo is an enclosure in the sanctuary, spread over an area of 8.5 ha. This mini zoo was opened and dedicated to public on: 12-04-1987. It is one of the 9 Zoos operating under Zoo Authority of Karnataka (ZAK ) since 18.09.2017, recognised by CZA [Central Zoo Authority]. An advisory committee was constituted vide G.O.No.AHFF 91 FWL 88 Bangalore, dated: 04-08-1989 under the Chairmanship of Conservator of Forests, Bellary Circle, Bellary. Zoo is housing Leopards, Sloth bear, Rock pythons and Birds.

### 3. Vision :-

The Mini Zoo was established with a vision to create an opportunity to the Public specially children to see wild animals in the closed proximity and to appreciate the wild life in their neighbourhood. Children's recreations area was also created to allow them to have fun in the Wilderness which is being remodelled as per the directions of Member Secretary ZAK.

### 4. Mission :-

Mini Zoo is serving asexhibition of bio-diversity of theDistrict, also serve as Wild Life Conservation Centre. To bring closure relationship between wild animals and human beings.

### 5. Objective :-

- To create awareness about the Wildlife in the District as well as neighbouring districts.
- To serve as Education Centres for public as well as Children.
- To create awareness about Man-Animal Conflict.
- To educate & enlighten the public (visitors) by displaying wild animals that are equally important, interesting and essential for eco system and thus 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 at the zoo.

### 6. About us :-

Sl. No.	Particulars	Information
<b>Basic Information about the Zoo</b>		
1	Name of the Zoo	Adumalleshwra Mini Zoo And Balavana.
2	Year of Establishment	1987

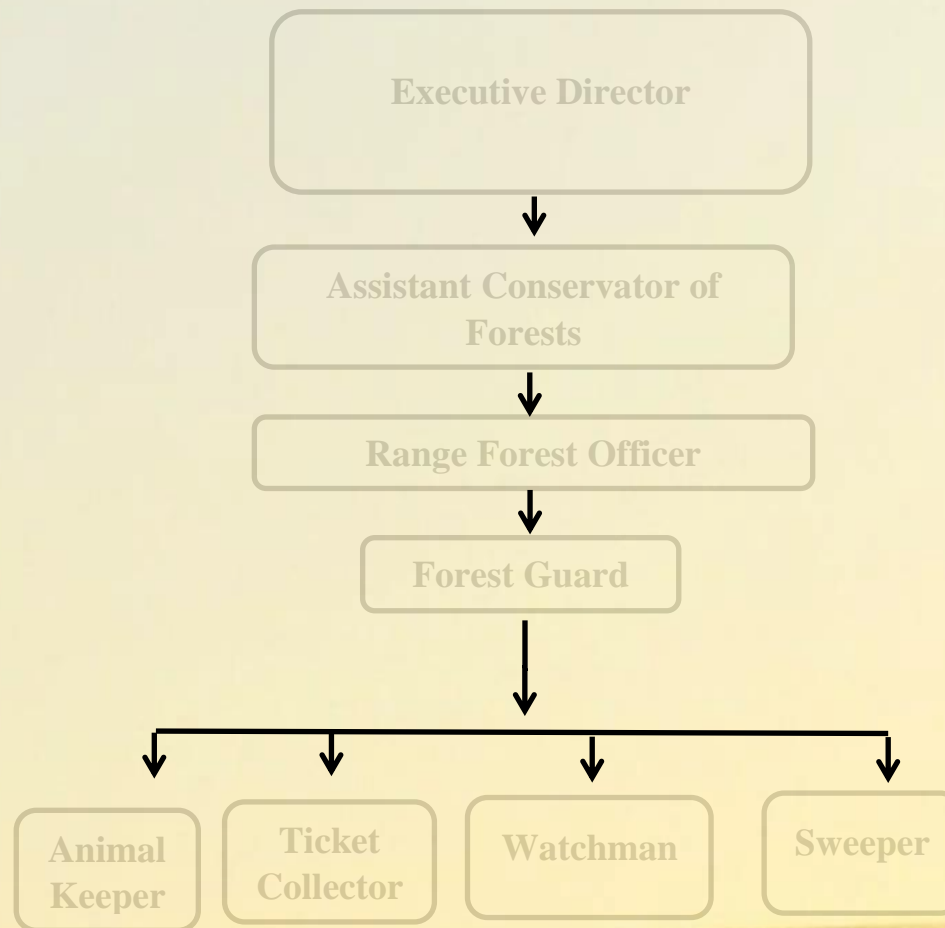
Sl. No.	Particulars	Information
3	Address of the Zoo	Adumalleshwara Mini Zoo, Jogimatti Road, Chitradurga.
4	State	Karnataka
5	Telephone Number	08194-230402
6	Fax Number	08194-230404
7	E-mail address	<a href="mailto:amgudirfo@gmail.com">amgudirfo@gmail.com</a>
8	Website	NA
9	Distance from nearest	Airport: 200 Kms [Bengaluru]
		Railway Station:08 Kms [Chitradurga]
		Bus Stand: 07 Kms [Chitradurga]
10	Recognition Valid upto (Date)	The Adumalleshwara Mini Zoo and Children's Park was accorded grant of recognition by CZA Vide No.:19-81/92-CZA(124) (M)/1976, 03.01.2013. for a period up to 30.04.2014. Proposals for renewal was submitted to CZA from 2014-15 up to 2017-18 renewal of recognition is awaited.
11	Category of zoo	Mini
12	Area (in Hectares)	8.5 Ha

Sl. No.	Particulars	Information
13	Number of Visitors (Financial Year) [2017-18]	Adult :81535
		Children :33551
		Total Indian :114904
		Total Foreigners :NA
		Total Visitors:114904
14	Visitors' Facilities Available in Zoo	Drinking Water, Toilet, Playing area, Canteen, Seating arrangement 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,
	Name of the Veterinary Officer	Dr. Murugesh
	Name of the Curator	R Vasanth Kumar
	Name of the Biologist	Yet to be appointed.
	Name of the Education Officer	Yet to be appointed.
	Name of the Compounder/ Lab Assistant	Yet to be appointed.

Sl. No.	Particulars	Information
Owner / Operator of the Zoo		
17	*Name of the Operator	K B. Manjunath <sup>IFS</sup> 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	9449986521
20	E-mail address of Operator	<a href="mailto:dcf.cta@gmail.com">dcf.cta@gmail.com</a>



## 7. Organizational Chart :-



## 8. Human Resources :-

### Manpower of the Zoo\*

Sl.No.	Designation	Number of Sanctioned Posts	Names of the incumbent
1.	Executive Director	1	K B Manjunatha
2	Range Forest Officer	1	R Vasanth Kumar
3	Forest Guard	1	Mohammed Ali
4	Animal Keeper	1	Hanumanthappa
5	Ticket Collector	1	Mohana
6	Watchman	3	Ramanjinappa, Santhosh, Mylarappa
7	Sweeper	1	Aslam

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

## 9. 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 attended
1.	Ramanjinappa H	Animal Keeper Training	1 Week	Mysore Zoo
2.	Hanumathappa	Animal Keeper Training	1 Week	Mysore Zoo

## 10. 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:Meetings not held during the year.

## 11. Health Advisory Committee-Not yet Constituted.

a. Date of constitution :-

b. Members :-

c. Dates on which Meetings held during the year :- NA

## 12. Statement of income and expenditure of the Zoo :-

Sl No	Income	Expenditure
1	2	3
1.	Rs. 1565415.00 Visitors entry fee Rs. 1000000.00Govt of Karnataka financial support for animal Feed and Fodder.	1393957.00 1000000.00
	<b>Total</b>	<b>2393957.00</b>

### 13. Daily feed Schedule of animals :-

Sl. No.	Species	Feed item	Quantity/Day/Animal		Day of fasting
			Winter	Summer	
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	Tuesday
3.	Silver Pheasant	Apple, Bread, Egg, Mixed Grains, Papaya, Poultry Feed, Ragi Soya Flour	0.32 Kg/Day	0.32 Kg /Day	-
4.	Lady Amhersant	Apple, Bread, Egg, Mixed Grains, Papaya, Poultry Feed, Ragi Soya Flour	0.32 Kg/Day	0.32 Kg /Day	-
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, Bhajra, Garlic, Orange.	0.136 Kg/Day	0.136 Kg/ Day	-
7.	Peafowl	Apple, Bread, Egg, Lucerne, Mixed Grains, Maize, Papaya, Poultry Feed, Bhajra	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	-
10.	Starred Tortoise	Ragi Flour, Green Vegetables, Rice	0.305 Kg/Day	0.305 Kg/Day	-
11.	Sloth Bear	Apple, Banana, Bread, Milk, Egg, Ragi Malt, Jower Malt			-
12.	Black Buck	Hey, Lucerne, Green Grass, Carrot, Groundnut Cake, Cut Branches, Horse gram	2.755 Kg/Day	2.755 Kg/Day	-
13.	Crocodiles	Boneless Beef	6 Kg/ 10 Days	6 Kg/ 10 Days	Tuesday
14.	Python	Chicken, Rabbit	4 No/10 Days	4 Nos /10Days	Once in 8 days

#### 14. Vaccination Schedule of animals :-

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 calci Virus, Feline infectiousrhinotrachieitis	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 mount diseases Hoemorrhagic	FMD and HS bivalent vaccine	Once in six months	
5.	Leopards	Trypanosomiasis	Surral 1mg/kg b wt	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 house passages	KohrsalinTh- Mopping	Daily
2.	All animals	All holding house passages	Biokleen-Mopping	Daily
3.	All animals	All holding house passages	Potassium Permanganate for Foot dip	Daily
4.	All animals	All holding house passages, exhibit areas	Viracid spray and foot dip	Once a week as a prophylactic method

## 17. Health Check-up of employees for zoonotic diseases :- Employees vaccinated for Anti Rabies and Hapatities-B every year in the Govt Hospital.

Sl.No.	Name	Designation	Date of Health Check up	Findings of Health Check up
1	2	3	4	5
1.	Ali Mohamad	Forest Guard	24.07.2018	Complete Blood Count, Antibodies of Rabies, Blastomycosis, Psittacosis, Trichinosis, Cat scratch disease, Histoplasmosis, coccidiomycosis and other zoonotic diseases causing organisms not found.
2.	Mohan Kumar	Ticket Collector	24.07.2018	
3.	Ramanjinappa	Animal Keeper	24.07.2018	
4.	AslamBasha	Animal Keeper	24.07.2018	



**Health Check-up of employees**

**18. Development Works carried out in the zoo during the year :Nil**

**19. Education and Awareness programmes during the year :**

- **Chinnaravanadarshana :-** 100 Children from rural schools visited Mini Zoo with their teachers, the Zoo in charge gave all the details about the wild animals, their habits their feeding pattern, also treatment for injured animals. Drawing Computation, Essay writing Competition was organized for the visiting Schools children.

**20. Important Events and happenings:**

- **Wild Life Week:-**Wildlife week was celebrated on 08.10.2017. Smt. V V Jotsna, IAS, Deputy Commissioner, Chitradurga District, Chitradurga and Smt. SoubhagyaBasavarajan, Chairperson, ZillaPanchayath, Chitradurga, Sri Basavaraj,HonoraryWildlife Warden attended the programme, schools children and invitees participated in removing the plastic and other solid waste in the Zoo.



**Wildlife week celebration.**

- **Earth day:-** Earth day was celebrated in the Zoo premises on 22.04.2018. The Assistant Conservator Forests, Range Forest Officer, Zoo Staff and Zoo Visitors participated in the function the Assistant Conservator of Forests, Chitradurga Sub Division, Chitradurga spoke about the importance of earth and earth day celebration.

**21. Seasonal special arrangements for upkeep of animals:-**

During summer all Animals are provided with additional enrichments such as additional shade, disinfecting floor, Etc., in the enclosures to ensure that they are protected from hostile climatic conditions.

**Summer Days:** Increase Fruits to Animal, Electro care Powder.

**Winter Days:** Providing extra shelters with grass and also screening to avoid cold wind.



22. Research Work carried out and publications : NA

23. Conservation Breeding Programme of the Zoo : NA

24. Animal acquisition / transfer / exchange during the year 2017-18

A.	Animals arriving in the Zoo				
	H.NO.	Species	Number (M:F)	From which Zoo	Date of arrival in the zoo
	05	Jackal	Male 1	Public	28.03.2018
B.	Animals going from the zoo				
	H.NO.	Species	Number (M:F)	Going to which Zoo	Date of deposition from the zoo
	-	-	-	-	-

25. Rescue and Rehabilitation of wild animals carried out by the Zoo :-

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

## 26. Annual Inventory of animals

Form - II  
[See Rule 11(1)]

Part - A

Inventory Report for the Year : 2017-18

### Endangered Species\*

S. No	Animal Name	Scientific name	Opening Stock as on				Births			Acquisition			Disposal			Death			Closing Stock as on			
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
1.	Leopard	Pantherapardus	2	2		4													2	2		4
2.	Sloth Bear	Melursusursinus	0	1		1													0	1		1
3.	Black Buck	Antilope cervicapra	8	23		31									1				8	22		30
4.	Jackal	Canis aureus	1	0		1													1	0		1
5.	Starred Tortoise	Geochelone elegans	3	2		5													3	2		5
6.	Python	Molurus molurus	1	1		2													1	1		2

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

### Part - B

### Other than Endangered Species

Sl. No.	Animal Name	Scientific name	Opening Stock as on				Births			Acquisition			Disposal			Death			Closing Stock as on			
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
1.	Indian Pea fowl	Pavocristatus	1	2		3													1	2		3
2.	Silver Pheasant	Lophuranycthemera	1	0		1													1	0		1
3.	Emu	Dromaius novaehollandiae	2	2		4													2	2		4
4.	Lady Amherst	Chrysolophus amherstiae	1	0		1													1	0		1
5.	Love Birds	Agapornis	1	2		3													1	2		3
6.	Rose Ringed Parakeet	Psittaculakrameri	2	1		3													2	1		3
7.	Tortoise	Testudinidae	3	3		6													3	3		6
8.	Crocodile	Crocodylus Palustris	1	1		2													1	1		2

## 27. Mortality of animals :-

Sl.No.	Animal Name (with individual identification mark, if any)	Scientific Name	Sex	Date of Death	Reason of Death as per the Post-mortem report
1	2	3	4	5	6
1.	Peafowl	Pavocristatus	Female	23.04.2017	Age Factor
2.	Peafowl	Pavocristatus	Male	04.05.2017	Age Factor
3.	Butain Silky [Silky White Fowl]	Gallus gallusdomesticus	Male	26.09.2017	General Weakness due to age factor
4.	Starred Tortoise	Geocheloneelegans	Female	21.12.2017	General Weakness Death

## 28. 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 Comply	Since when pending	Submission by Zoo operator/Representative	Status with regards to Compliance of the conditions
1	2	3	4	5	6	7
<b>1. General Requirements.</b>						
1	10.1(2)	Failed to provide naturalistic environment in the animal enclosures.	-	21.04.2008	The mini Zoo was Established in 1987. Initiative is being taken now to provide appropriate landscaping with plants of local species to provide naturalistic environment within the Zoo. More than 50% of Zoo area is marked for garden and greenery. Will translocate Ficus trees of large girth to improve greenery in the Zoo. Also, one or two trees will be planted in each enclosure for herbivores and plantation will be done along the visitor's path.	<p>Animal enclosures have been enriched with plants, more than 50 % of the zoo area is under green cover. Saplings have been planted along the visitor's path.</p> <p>Tree translocation of Ficus species 05 Nos. was done on 05.06.2018 on the occasion of World Environment day, all the trees have sprouted this adds to enrichment of proposed enclosures.</p>



Plantation inside the Enclosure.



Hon'ble Forest Minister Planting a sapling in the Zoo.



**Tree Transplantation in Adumalleshwara Mini Zoo, on 05.06.2018.**



**Sprouted Transplanted trees after 2 Months.**

2	10.1 (3)	Failed to regulate visitors" movement in the Zoo.	-	17.04.2015	The Zoo remains closed on every Tuesday. Master plan has been submitted to CZA for housing animals in the appropriate enclosures, 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 will be regulated in three months by restricting visitors path to 25% of the periphery of enclosure and by means of effective stand off barrier with hedge plantation.	The Zoo remains closed on every Tuesday. Visitors moment in the zoo has been regulated by restricting to visitor's path, stand off barriers have also been created wherever necessary. And 25% of the periphery of enclosures has been covered.
3	10.1 (3)	Permitted morning walk in the Zoo.	-	Violation observed during present evaluation on 28.2.2018.	As such Morning walkers are not being allowed or permitted into Zoo as morning walkers. However few People have entered Zoo without authority on the day of visit of evaluator. Now security has been increased to avoid such incidents.	Morning walkers are not allowed in the zoo. Security has been increased to avoid any incidence of violation.



Sl. No:03 -security has been increased.

4	10.1 (4)	Failed to maintain the Chain-link fence on periphery of the zoo leading to entry of domestic cattle into zoo premises.	One Year	21.04.2008	The temple and animal enclosures of the Zoo will be separated within one month. The chain link fence on the periphery of Zoo will be repaired in three months and effective barrier will be constructed in one year.	The chain link fence on the periphery of Zoo has been repaired. And Tenders have been floated for erecting new chain link barricade along periphery of the Zoo also to separate temple from Zoo.
---	----------	--	----------	------------	--	--



Sl. No:04 -Repaired Chain Link Fence.



5	10.1 (6)	The Night Watchman is staying in the animal feed store within the zoo campus.	One Month	Violation observed during present evaluation on 28.12.2018.	<p>The Zoo premises does not have any residential colony As per the directions of CZA, while preparing master plan Adumalleshwara Temple premises has been excluded from the Zoo boundary with a barricade of standard dimension.</p> <p>The building in which animal feed has been stored is having two rooms in which one of the room is being used as animal feed storage and the other is vacant. No person is permanently staying in this building. In future, Zoo premises will not be used for any sort of residential purpose.</p>	<p>Zoo premises not to used for residential purpose also it does not have any residential accommodation.</p> <p>Store room construction has been included in the action plan for 2018-19, The present store is only temporary arrangement.</p>
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	<p>The solid waste generated in the Zoo is being removed every day and disposed outside the Zoo premises in a designated pit. The enclosures are washed with disinfectants every day as per the boundary of visiting veterinary Officers. The hygiene of the enclosures are maintained properly. Care has been taken that the liquid waste does not reach landscape in Zoo.</p> <p>No waste material shall be burnt inside the Zoo premises now onwards.</p> <p>Proper drainage Plan shall be prepared and implemented in the Zoo in one year. Meanwhile, the soak pits and solid waste disposal pits adjacent to animal enclosures shall be closed. Solid waste shall be disposed off outside the Zoo premises. Bio-Degradable solid waste shall be utilized in the vermin-Compost unit to be set up within three months.</p> <p>The soak pits shall be shifted at least 50 Meters away from the animal houses till the completion of proper drainage facility in the Zoo within one year.</p>	<p>The solid waste generated in the Zoo is removing every day and disposed outside the Zoo premises in a designated pit 50 Mtrs away from the Zoo periphery.</p> <p>The plan for disposal of liquid waste through UGD has been provided in proposed Master Layout Plan. It will be implemented while constructing the enclosures during 2018-19. Existing soak pits adjacent to enclosures will be closed and present enclosures are proposed for demolition. Vermin compost unit is part of the proposed Master Layout Plan.</p>
7	10.1(9)	Housed domestic species narmely Turkey fowl, Blue rock Pigeon, Fan tailed pigeon and rabbits in the zoo.	-	17.04.2015	Removed Domestic species namely Turkey fowl, Blue rock Pigeon, Fan tailed pigeon and rabbits from Zoo collection. In future, domestic species will not be kept in the zoo.	Domestic species namely Turkey, Blue rock Pigeon. Fan tailed Pigeon and rabbits have been removed from Zoo.

2. Administrative and Staffing Pattern						
8	10.2(1)	Not posted the Whole time Officer in-charge of the Zoo.	-	03.01.2013	One Range Forest Officer has joined as full time Officer in charge of Zoo from 1st April 2018.	One Range Forest Officer has joined as full time Officer to Zoo from 2 <sup>nd</sup> 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	Will recruit full time Curator, Veterinarian and Biologist in the Zoo within three months on contract. Process of permanent recruitment will be taken up simultaneously and will be filled in one year.	Veterinarian is visiting the Zoo twice in a week; Proposal has been submitted to the Govt. for recruiting Veterinarian on permanent basis for the Zoo. Notification has been issued for recruiting Curator and Biologist on contract basis, until permanent recruitment for the posts.



Sl. No:09 -Regular Visiting of Veterinarian to the Zoo

<b>3. Development and Planting</b>						
10	10.3(1)	Not Submitted Master Plan of the Zoo for approval of the Central Zoo Authority.	-	21.04.2008	Master plan of the Zoo will be submitted once approval is obtained from the CZA for proposed Master (Layout) Plan.	Master plan for Adumalleshwara Zoo will be submitted after obtaining the master layout plan is approved by CZA.
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 to the size of initial establishment of Zoo during 1987 to an extent of 8.5 Ha. Which does not attract provisions of the Forest (Conservation) Act, 1980.	The Master (Layout) plan has been revised as per the directions of CZA limiting to the size of initial establishment of the zoo in 1987 to an extent of 8.50 Ha. Which doesn't attract FC.
12	10.3(8)	Not reported acquisition of the species by way of rescue.	-	17.04.2015	Proposals will be submitted to Chief Wild Life Warden to obtain 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.	Proposal has been submitted to Chief Wildlife Warden, Karnataka for obtaining permission for housing all the existing animals. Vide letter No.:A2/AMZ/ANI Coll/CR-13/2018-19, Dated 01.08.2017. (Letter Enclosed).  The, Chief Wildlife Warden, Karnataka has accorded permission to acquire Jackal Vide letter No.: ಪ್ರಮುಅನಂ[ವಜೀ]ಎಫ್/ಸಿಆರ್-27/2013-14, Dated 09.08.2018. (Letter Enclosed).
<b>4. Animal housing, display of animals and animal enclosures</b>						
13	10.4(1)	Failed to display animals in nature immersing enclosures.	-	21.04.2008	Proposals have been submitted to CZA for remodelling/Constructions of Animal enclosures as per the design and dimensions specified by CZA.	Plans for construction of animal enclosures will be submitted to CZA for approval soon after obtaining the Master Layout Plan by CZA. Appropriate enrichment activity will be carried out to immerse the enclosures in the natural habitat.  Until the new enclosures are constructed the present enclosures are enriched with natural immersion.



**Sl. No: 13 -Animals in nature immersing enclosures.**

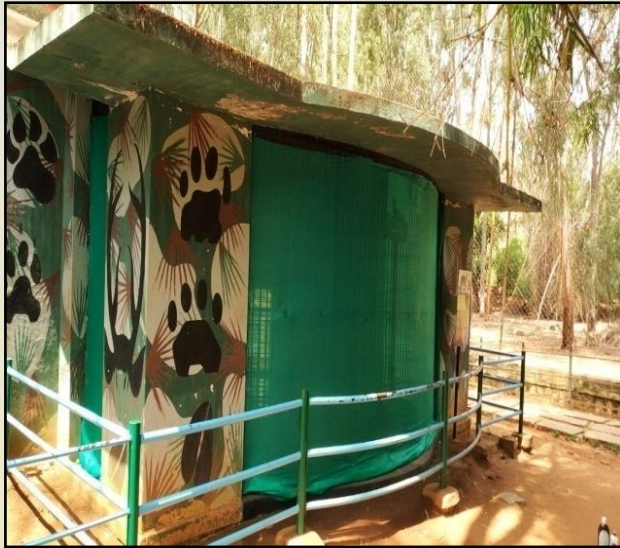
14	10.4(2)	Failed to display animals in enclosures of design and dimension specified by the Central Zoo Authority.	-	21.04.2008	Master plan has been submitted to CZA for housing animals with appropriate design and space specified by CZA.	Master layout plan has been submitted to CZA for housing animals with appropriate design and space specified by CZA. Plans for the enclosures are being prepared, will be submitted shortly to CZA for approvals.
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	Constructions of enclosures for Sloth Bear will be taken up as soon as the Master plan is approved. Will explore possibility of shifting Sloth Bear to a recognized Zoo in the State.	Proposal has been submitted to Chief Wild Life Warden, Karnataka Vide Letter No.AMZ/ANI COLL/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 as the present enclosures are not big enough to hold more animals.

16	10.4(3)	Failed to provide footbath of disinfectant solution in any of the animal enclosures.	15 Days	21.04.2008	Footbath will be provided at entry /Exit of Animal Houses in all animal enclosures while remodelling the enclosures. Also temporary arrangement of footbath will be provided till renovation of the Zoo, within 15 days and will E-Mail photos.	Footbaths are now provided at all animal enclosures with disinfectants.
----	---------	--	---------	------------	---	---



**Sl. No: 16 - Provided at all animal enclosures with disinfectants.**

17	10.4(3)	Failed to separate service path and visitors' path. The Service entry of all the animal houses is towards visitors' path.	3 Months	21.04.2008	Separate service and visitors path has been provided in Master Plan submitted to CZA which will be executed soon after the Master plan is approved. Tender process is under way construction will be done in 3 months.	Tenders have been floated for the formation of Separate service road. Visitors path construction work is under progress.
18	10.4(7)	Failed to provide appropriate screening between the adjacent animal enclosures to safeguard against the animals getting excited or stressed because of visibility of animals in other enclosures.	-	21.04.2008	This issue will be taken care while remodelling/ Constructions of new enclosures, action will be taken to implement the project soon after the Master (Layout) Plan approved by CZA.	Temporary screening has been erected and new enclosures will be constructed after approval of the Master layout Plan by the CZA.



**Sl. No: 18 -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 Leopard enclosures as per the approved drawing from the CZA. Tender process is under way; construction will be completed in 4 months. Design of enclosure for Leopard will be submitted to the CZA in 20 days. In case of Sloth Bear, design of enclosure will be submitted to the CZA within four months. In future, enclosure for any endangered species will not be constructed without obtaining prior approval of design by the CZA.	Leopard enclosure have been included in the proposed master lay out plan, awaiting CZAs approval. Existing enclosure will be removed. Leopard and Sloth Bear enclosure plans will be submitted shortly for CZA approval.
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 28.02.2018	All animal enclosures have been recommended for remodelling in the revised Master Plan. Action will be taken to ensure stand barriers at animal enclosures will be remodelled as per the CZA specifications.	Now efforts have been made to erect temporary standoff barriers around all animal enclosures. Standard barriers will be erected after remodelling all the enclosures.



**Sl. No: 20 -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	All Signage's have now been corrected. Signage with information on biology and behaviour of the species housed along with population status of the species in the wild will be provided at strategic location identified in the Zoo.	Signage's have now been provided, more will be added during remodelling.
----	----------	---	---	------------	--	--



Sl. No: 21 -Signage's.

5. Upkeep and healthcare of animals						
22	10.5(2)	Not tested samples of food and water provided to animals.	-	21.04.2008	Sample of feed and water to be provided for animals will be periodically tested in a registered laboratory.	All feed for Animals have been certified before bringing to Zoo by the Veterinarian. Food samples will be sent for testing periodically to a registered laboratory.
23	10.5(2)	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 28.02.2018	Animal feed is stored in plastic containers, animal feed is supplied by the contractor in the plastic bags, these grains after cleaning will be stored in plastic containers for further disposal.	Animal feed is stored in plastic containers, animal feed is supplied by the contractor in the plastic bags, these grains after cleaning will be stored in plastic containers for further disposal.  A separate Store room has been included in the Master Layout Plan construction will be done after the approval of CZA.





Sl. No: 23 -Plastic Containers to store feed.



Sl. No: 24 -Using LPG to cook Food.

24	10.5(2)	Food for animals is being cooked using firewood in the Wildlife Sanctuary posing risk of fire accident.	-	violation observed during Present evaluation on 28.02.2018	Food is being cooked using LPG in the designated kitchen now. All the Zoo staff has been trained in the event of fire accidents.	Food is being cooked using LPG in the designated kitchen now. All the Zoo staff has been trained in the event of fire accidents.
----	---------	---	---	--	--	--

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	Meat is procured from slotter house approved by the Town Municipality. Meat will be packed separately as per the requirement of each animal in the slotter house itself. The quantity receive in the Zoo is recorded in the register and maintained for verification. Forthwith, inspection of meat provided to carnivores will be carried out by the visiting Veterinarian and his observation will be recorded.	Meat is procured from slotter house approved by the Town Municipality. Meat will be packed separately as per the requirement of each animal in the slotter house itself. The quantity receive in the Zoo is recorded in the register and maintained for verification. Forthwith, inspection of meat provided to carnivores will be carried out by the visiting Veterinarian and his observation will be recorded.
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	All the enclosures are cleaned by disinfectants every day, the enclosures are now clean and cob webs are removed. Animal keepers have been instructed to adhere strict cleaning protocol. Schedule for disinfection of animal enclosures will be prepared in consultation with the visiting Veterinarian and will be implemented. Compliance will be submitted to the CZA in one week.	All the enclosures are cleaned by disinfectants every day, the enclosures are now clean and cob webs are removed. Animal keepers have been instructed to adhere strict cleaning protocol. Schedule for disinfection of animal enclosures will be prepared in consultation with the visiting Veterinarian and will be implemented. Compliance will be submitted to the CZA in one week.



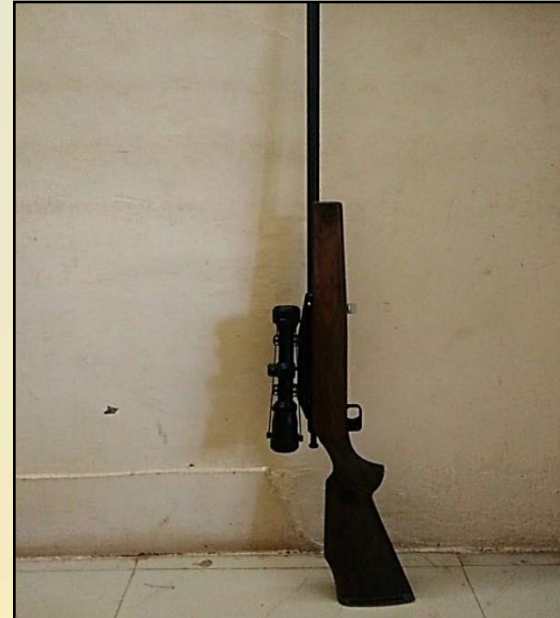
**Sl. No: 26 -Enclosures are cleaned by disinfectants every day.**

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	21.04.2008	Health Parameters are regularly monitored by Assistant Director of Veterinary and Animal Husbandry Department who visits Zoo once in a week. Emergency calls will be attended by Veterinarian within one hour on any day. Proposed Master Plan includes development of infrastructure as specified by CZA. The same will be implemented soon after the approval of Master Plan. The full time veterinarian and support staff will be deployed in the Zoo within three months.	Health Parameters are regularly monitored by Assistant Director of Veterinary and Animal Husbandry Department who visits Zoo once in a week. Emergency calls will be attended by Veterinarian within one hour on any day. Proposed Master Plan includes development of infrastructure as specified by CZA. The same will be implemented soon after the approval of Master Plan. Proposal has been submitted to Government for recruiting Veterinary doctors for Zoos until full time Veterinary doctor is posted Assistant Director of Animal Husbandry will be visiting the Zoo. Honorarium is being paid to the visiting Doctor.
----	---------	---	----------	------------	---	---

28	10.5(8)	Schedule for de-worming and vaccination is not prepared.	-	violation observed during Present evaluation on 28.02.2018	De-worming and vaccination is being done under the supervision of Veterinarian however the schedules are being recorded at present.	De-worming and vaccination is being done under the supervision of Veterinarian, Schedules are prepared by Veterinarian.
29	10.5(9)	Not screened staff involved with upkeep and healthcare of zoo animals against zoonotic diseases.	One Week	21.04.2008	Animal Keepers/Staff who are involved in upkeep of captive animals will be screened against zoonotic diseases within one week and subsequently, will be carried out once in a year.	Animal Keepers/Staff who are involved in upkeep of captive animals screened against zoonotic diseases on 24.07.2018, it will be done annually.
30	10.5(10)	Not prepared Animal History Card, Keeper's Diary, Daily Report and Treatment Card.	One Month	21.04.2008	Animal Records prescribed by the Central Zoo Authority will be prepared and maintained. Compliance will be reported in one month.	All Animal Records as prescribed by the Central Zoo Authority has been prepared and documented.
<b>6. Veterinary and infrastructure facilities</b>						
31	10.6(1b)	Not Provided exclusive facility to store Medicine for animals. It is found clubbed with first-aid kit for humans, entry tickets for sale at zoo and records of animals.	3 Months	21.04.2008	Government Veterinary Hospitals and Doctors are being requested to treat Zoo animals until now. Exclusive Veterinary Hospitals facility has been proposed in the Master Plan the same will be implemented after obtaining view approval of from CZA. Separate infrastructure has been proposed and will be provided after the approval of Master Plan. The Veterinary Compounder will be posted in the Zoo within three months.	Now separate infrastructure has been made to store medicines and records.



**Sl. No: 31 - Separate infrastructure to store medicines.**



**Sl. No: 32 - Tranquilizing equipment and drug.**

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	Post-mortem Room, Isolation ward, Quarantine ward have been proposed in Master Plan, tranquilizing equipment has already been purchased.  A facility to keep tranquilizing equipment is with the officer in charge of the Zoo.	Post-mortem Room, Isolation ward, Quarantine ward have been proposed in Master Layout Plan. tranquilizing equipment has already been purchased.  A facility to keep tranquilizing equipment is with the officer in charge of the Zoo.
----	---------	---	---	--	--	---

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.	Post-mortem Report as prescribed by CZA will be documented in future.	Post-mortem Report as prescribed by CZA will be documented in future.
9. Acquisition and breeding of animals						
34	10.9 (1)	The Zoo Operator kept animals beyond the carrying capacity of the zoo.	-	21.04.2008.	The Zoo is being remodelled as per CZA norms and animals will be housed in appropriate enclosures after obtaining approvals from CZA.	The Zoo is being remodelled as per CZA norms and animals will be housed in appropriate enclosures after obtaining approvals from CZA.  Proposals have been submitted to Chief Wild Life Warden, Karnataka to dispose excess animals, approval is awaited.
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.	The Zoo is being remodelled as per CZA norms and Animals and Birds will be housed in appropriate enclosures after obtaining approvals from CZA. All singly housed animals will be paired within six months. The proposal to pair the singly housed animals will be submitted to the CZA in one month.	Proposal has been submitted to Chief Wild Life Warden, Karnataka Vide Letter No.AMZ/ANI COLL/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 as the present enclosures are not big enough to hold more animals.

36	10.(9)	Not implemented appropriate population control measures in case of Blackbuck.	3 Months	21.04.2008.	Population control measures in case of Blackbuck will be implemented after obtaining due permissions form competent authority. Blackbuck in surplus will be shifted to their natural habitat within three months after screening against diseases, following the protocol of the CZA and the IUCN.	Proposal has been submitted to Chief Wild Life warden, Karnataka to dispose excess Blackbucks available in the zoo, orders are awaited.
<b>12. Visitors' facilities</b>						
37	10.12(1)	Not provided appropriate civic facilities. Out of three Public toilets available on zoo campus, one is functional.	-	violation observed during Present evaluation on 28.02.2018	A new toilet facility has been constructed for public utility; Two more toilets will be constructed when the approved plan is in place. The public toilet facilities will easy approach to visitors of the Zoo and Divyanga friendly. The water points at the toilet will be labeled 'Not for drinking' Compliance will be reported to the CZA in one month.	Two toilet facilities are now made available to the public after renovation. The facility includes Divyanga friendly passage.  Filtered and cold water facility has been provided in the zoo.



Sl. No: 37 - Toilet Facility to Public [Divyanga Friendly]



Drinking Water facility.

**Rule 11. Maintenance of Records and submission of Inventory**

38	11(1)	The Zoo Operator has not submitted Quarterly Inventory Report to the Central Zoo Authority for three quarters of the year 2017-18.	15 Days	violation observed during Present evaluation on 28.02.2018	In future, Quarterly inventory report will be submitted to the CZA at the end of the quarter within 15 days from end of the quarter.	Quarterly inventory report have already been submitted to CZA for the year 2017-18. Vide letter dated 26.07.2017, 10.11.2017, 10.01.2018 & 13.04.2018. A revised inventory with corrections also submitted to CZA on 24.07.2018.
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.	-	21.04.2008.	The Annual Inventory Report for 2016-17 submitted to CZA is missing some animals and birds by oversight the same is now corrected.	The Annual Inventory Report for 2016-17 submitted to CZA. Vide letter No.:A7/Mini Zoo/Inventory Report/CR-1/2017-18 Dated, necessary corrections have been incorporated.
40	11(2)	The Zoo Operator has not submitted Annual Report of the Zoo indicating status of compliance with conditions stipulated by the CZA.	-	21.04.2008.	Will be submitted	Annual Report has been prepared and submitted to CZA.
<b>Others</b>						
41	Section 11(1)(a) & 38-1 of the Wildlife (Protection) 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 will be submitted to Chief Wildlife Warden to rectify the acquisition of animals. Forthwith, acquisition of animals will be done as per provisions of the Wild Life (protection) Act, 1972.	Proposal has been submitted to Chief Wildlife Warden, Karnataka for obtaining permission for housing all the existing animals. Vide letter No.:A2/AMZ/ANI Coll/CR-13/2018-19, Dated 01.08.2017. (Letter Enclosed).  The, Chief Wildlife Warden, Karnataka has accorded permission to acquire Jackal Vide letter No.: ಪ್ರಮುಖನಂ[ವಜೀ]ಎಫ್/ಸಿಆರ್-27/2013-14, Dated 09.08.2018. (Letter Enclosed).



42		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 will be submitted CZA in due course.	Compliance reports are now submitted to CZA
----	--	---	---	------------	--	---

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

**a. Mammals:**

- Mongoose
- Palm civet
- Leopards
- Porcupine
- Wild Boar

**b. Birds:**

- Peafowl
- Tree Pie
- Wood Pecker
- Grey Hornbill
- Myna
- Rocket Tailed Drango
- Red Vented Bulbul
- Babblers
- Common Owls
- Bee Eaters
- Sun Birds
- Sparrows

**c. Reptiles**

- Cobra
- Python
- Rat Snake
- Russell Viper
- Monitory Lizard

Jogimatti Sanctuary has good number of wild animals and birds. Visitors get opportunities to encounter them on the way to Adumalleshwara Mini Zoo, which gives a feeling of safari while travelling to Adumalleshwara Mini Zoo. We welcome Visitors, Travellers and adventurous enthusiastic to Jogimatti.