# KAKATIYA ZOOLOGICAL PARK hunter road, warangal, telanganastate

# **ANNUAL REPORT - 2018-19**





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#### Dr. G. Ramalingam, I.F.S.

Kakatiya Zoological Park, Warangal has crossed 35 years milestone. Having fulfilled the required norms, the CZA has recognized Kakatiya Zoological Park, Warangal as "Small Category Zoo" in the year 2014.

The zoo park houses more than 417 specimens of mammals, birds and reptiles belonging to 40 species. It is unique in its natural ambience and large spacious enclosures for housing the wild animals. The animals are provided with facilities that are congenial to their psychological and physical well being. The night houses are provided to all the animals & birds, keeping in mind the biological as well as veterinary needs of the animals and to improve hygiene. The visitor's amenities have been improved to a greater extent and new pathways, sit outs were constructed which impress and facilitate visitor's very much.

The Annual Report gives the information about all the main activities and events which took place during 2018-19 and the plan for future activities. I hope during the coming years Zoo will scale the new heights and also fulfill the Conservation needs of endangered fauna of Eastern Ghats.

This zoo has organized various educational programmes to reach out as many people as possible, various environmental days of wildlife importance viz., International Biodiversity day, World environment day, World Forestry Day, Tiger day, Vanyaprani Saptah etc., were celebrated in the zoo, wherein school/college students and public were involved in spreading the message of conservation of wildlife.

Further, I wish to express deep sense of gratitude to the Central Zoo Authority, New Delhi for their support and guidance in the Management and Development of Kakatiya Zoological Park, Warangal. I have confidence to believe that Kakatiya Zoological Park, Warangal will continue to grow in the field of wildlife conservation, education and research in the coming years.

> (Dr. G.Ramalingam, IFS.,) District Forest Officer, Warangal Urban & Jangaon. I/c. Kakatiya Zoological Park, Warangal

## 2. History of the Zoo

- The Governor of Andhra Pradesh Dr. Shankar Dayal Sharma laid the foundation stone for this Wilderness area and named it as Vana Vignan Kendra on 16-01-1985.
- This was initially recognized as Mini Zoo in the year 2007, and due to good efforts for its development made by the Department, it was upgraded as Small Zoo by the Central Zoo Authority of India since 01.01.2014.
- The name of Vana Vigyana Kendra (Small Zoo), Warangal has been renamed as Kakatiya Zoological Park, Warangal by State Zoos And Parks Authorities of Telangana (ZAPAT) Committee and Inaugurated by Hon'ble Deputy Chief Minister of Telangana State on 01.03.2017.
- It spreads over an area of 19.22 Ha in the middle of the tri-cities i.e. Warangal, Hanamkonda and Kazipet.
- This zoo has an overall collection of 441 specimen belongs to Mammals, Reptiles and Birds, out of which i.e. Mammals - 180 of 10 species, Reptiles - 76 of 5 Species and Birds - 185 of 28 Species.
- The average visitor of the Zoo per month is 29,300 Nos and the average revenue of the Zoo is Rs. 6.50 lakh/nonth.

S.No.	Particulars	Information					
I	BASIC INFORMATION ABOUT THE ZOO :						
1.	Name of the Zoo	Kakatiya Zoological Park					
2.	Year of Establishment	1985					
3.	Address of the Zoo	Hunter Road, Hanamkonda, Warangal					
4.	State	Telangana					
5.	Telephone Number	0870-2431546					
6.	Fax Number						
7.	E-mail address	dfowglurban@gmail.com and					
7.		frozoowgl@gmail.com					
8.	Website	www.kakatiyazoologicalpark.com					
9.	Distance from nearest	Airport: Hyderabad (170 Kms)					
		Railway Station: Warangal (6 Kms)					
		Bus Stand: Hanamkonda (2.60 Kms)					
10.	Recognition Valid up to (Date)	05.05.2019.					
11.	Category of Zoo	Small Zoo					
12.	Area (in Hectares)	19.22					
13.	Number of Visitors (Financial Year)	Adult : 251133 Nos					
		Children: 101264 Nos					
		Total Indian: 352397 No.s					
		Total Foreigners :					
		Total Visitors : 352397 No.s					
14.	Visitor's Facilities Available in Zoo	RO Drinking Water, Wash Rooms, Wheel Chair, Sitting arrangements, Canteen, Shelters, BOV, First aid kit, Lawns and gardens, EEC with Library, Museum, Poster display and Audio-visual aids and Educational & Directions Sign Boards etc.,					
15.	Weekly Closure Day of the Zoo	Monday					
П	MANAGEMENT PERSONNEL OF THE ZOO						
16	Name with Designation of the Officer-in- charge	Sri G.Ramalingam, IFS., District Forest Officer					
	Name of the Veterinary Officer	Dr Ch. Praveen Kumar					
	Name of the Curator						
	Name of the Biologist						
	Name of the Education Officer	 N. Akesh					
	Name of the Compounder /Lab Assistant OWNER/OPERATOR OF THE ZOO	N. AKESH					
17	Name of the Operator	Sri G.Ramalingam, IFS.,					
		0/o District Forest Officer, Warangal					
18	Address of the Operator	Urban & Jangaon					
19	Contact Details/Phone number of Operator	9440810093					
20	E-mail address of Operator	dfowglurban@gmail.com					

# 3. About the Zoo

## 4. Vision

Vision is to protect procure and conserve the diversity of wild animal species through ex-situ conservation

#### 5. Mission

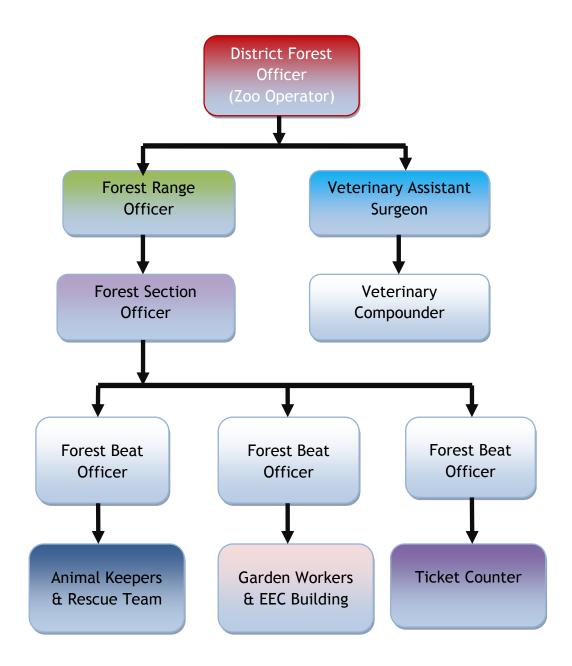
- To Educate the children and citizens about wildlife and environment through live displays and live models, film shows, lectures, celebration of notational and international important days, organizing extracurricular activities etc.,
- (ii) To improve the conservation of rare and endangered species.
- (iii) To Rescue and rehabilitate wild animals, which accidentally stray into the human habitation and to Reduce the human animal conflict.
- (iv) Provide wholesome recreation for the density populated urban landscape.
- (v) To exhibit the animals in a better way to its natural habitat.

#### 6. Objectives

- (i) To promote wildlife consciousness and its conservation and Breeding.
- (ii) To create awareness about nature and its diversity
- (iii) To make people to understand environment needs and its protection.
- (iv) To rehabilitate the birds and animals.
- (v) To exhibit the fauna in a more naturalistic surroundings.
- (vi) To acquire vide spectrum of species, both indigenous & exotic and exhibit them in spacious enclosures.

## 7. Organization Chart

Kakatiya Zoological Park, Warangal is headed by the District Forest Officer, assisted by Forest Range Officer, in day to day maintenance of the Zoo. The Zoo has three sections viz. namely a) Animal Section b) Garden Section c) Watch and Ward Section. The animal health care is looked after by a Veterinary section headed by Veterinary Assistant Surgeon, assisted by Para Veterinary Staff. The hierarchy of the Kakatiya Zoological Park is as follows.



# 8. Human Resources

SI.No	Designation	Number of Sanctioned Posts	Name of the incumbent No. of Posts Vacant
1	Forest Range Officer	1	Sri P.Punnam Chandar
2	Forest Section Officer	1	Sri D.Ramdas
			Smt K.Swapna
3	Forest Beat Officer	3	Smt Md.Zareena Begum
			Sri P. Ashok
4	Zoo Veterinarian and	2	Dr. Praveen Kumar
	Veterinary Assistant	2	Dr. Haveen Kunar
4	Zoo Keepers	17	-
5	Gardeners/ Other workers	13	-

# 9. Capacity Building of Zoo personnel

SI. No.	Name and Designation of the zoo personnel	Subject matter of Training	Period of Training	Name of the Institution where the Training attended
1	Dr Ch. Praveen Kumar, Veterinary Asst. Surgeon, In-charge Veterinarian, Kakatiya Zoological Park, Warangal Urban.	Wild life Emergencies to the Government Veterinarians working in forest fringe Areas	5.3.2018 to 9.3.2018	Madras Veterinary College, Chennai, Tamilnadu State.
2	Dr Ch. Praveen Kumar, Veterinary Asst. Surgeon, I/c Veterinarian, Kakatiya Zoological Park, Warangal Urban.	Capacity Building Training on Wild life Emergencies to the Government Veterinarians	22.1.2019 to 24.1.2019	Forest Academy, Dulapally, Hyderabad, Telangana State.

# **10. Visitors Services:**

The Kakatiya Zoological Park is open for public from Tuesday to Sunday (6 Days) and every Monday is a Zoo Holiday. The Following are the tariffs for entry into the Zoo and also for other facilities.

#### Timings of the Zoo Park:

Morning 9.30 AM to Evening 5.30 PM

SI.No.	Item/ particulars	Rate in Rs.
1	Entry into the Zoo	
	a) Children up to 12 years	10.00
	b) Adult	20.00
2	Still Cameras	
	a) Amateur	100.00 (per day)
	b) Professional	500.00
3	Green Ride (Battery Vehicle)	
	a) Children upto 12 years	20.00
	b) Adult	30.00

## Entry Fee and Other Charges:

#### Visitor Amenities:

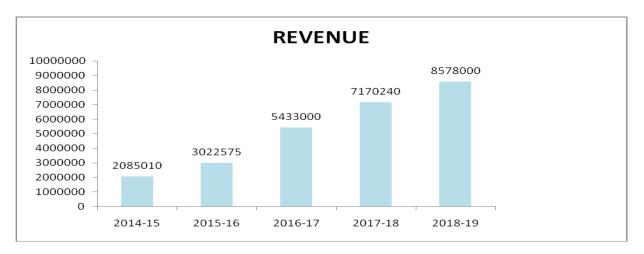
- 1) Canteen and Food Court
- 2) R.O Drinking Water
- 3) Pagodas, Benches, Sit outs
- 4) Children Park
- 5) Wheel Chair
- 6) Wash Rooms
- 7) Open Butterfly Park



## **11. ZOO VISITATION AND REVENUE**



The Zoo Visitation and revenue from 2014-15 to 2018-19 is depicted below:



#### Expenditure :

SI.No.	Scheme	Budget in lakhs	Expenditure
I	ZAPAT	170.000	79.75749
II	CAMPA	12.280	9.90462



# 12. Vaccination Schedule of Animals

SI. No.	Species	Disease vaccinated for	Name of the Vaccine and dosage/ quantity used	Periodicity	Remarks
1	Jungle Cat	FCV, FVR, FPV and Rabies	Feligen, Raksharab	Annually	
2	Leopard		Feligen, Raksharab	Annually	
3	Jackal	FCV, FVR, FPV and Rabies DHPPi + L Rabies	Megavac - 7, Raksharab	Annually	
4	Chowsingha	Foot and Mouth	Rasha o vac	Annually	

# **De-worming Schedule of Animals**

Sl.No.	Species	Drug used	Month
1	Birds, Reptiles	Fenbendazole	July
2	Canids	Praziquantel, Pyrantel Pamoate & Febantel	July
3	Felines	Praziquantel and Pyrantel Pamoate	July
4	Herbivores	Fenbendazole + Ivermectin	July
5	Birds, Reptiles	Piperazine	January
6	Canids	lvermectin	January
7	Felines	Dectomax	January
8	Herbivores	Oxyclosanide, Levamesole	January









# 13. Disinfection Schedule

SI. No.	Species	Type of enclosure	Frequency of disinfection	
1		Entrance of All enclosures	2% Potassium permanganate foot bath	Daily
2		All Cages and Kraals	Sprinkling of Lime and Bleaching powder	Twice in a month
3		All the enclosures	Fumigation	Monthly
4		All the enclosures	Phenyl foot bath	Daily
5		All visitor areas of the enclosures	Kohrsolin-Th	Monthly
6		All the enclosures	Removal of night soil, cleaning of floor in each cell and corridors with Kohrsolin-Th	Daily
7		All the enclosures	Cleaning of Feeding and water troughs	Daily
8		All the enclosures	Removal of top soil	Annually
9		All Herbivore enclosures	Ecto-Parasitic spray	Whenever required
10		All water troughs	Slake lime pasting	Once in 3 months





# 14. Health Check-up of employees for zoonotic diseases

All the Zoo staff examined for Zoonotic diseases but nobody was found positive for any kind of Zoonotic disease.

SI. No.	Name	Designation	Date of Health Check up	Findings of Health Check up
1	All Animal Keepers and Rescue Team	Animal Keepers and Rescue Team Members.	18.02.2019	No Contagious diseases were found.



# 15. Development Works carried out in the zoo



Renovation of Training Hall (Outside and inside)



Improvement to the Bow Bridge





**Cloth Umbrellas** 

## 16. Education and Awareness programmes



Vanyaprani Saptah Celebrations



# Conducting various completions among school children



**Bio-Diversity Day** 

I INTER

# **17.** Seasonal special arrangements for upkeep of Animals

#### During Monsoon:

- 1. Lime and Bleaching powder sprinkled around all the bunds, main gate, drainage canals, boundaries, moats of Herbivores & back side of the Kraals.
- 2. Mixed water sanitizers in drinking water and water logging areas around the enclosures.
- 3. Provide Calcium, Vitamin A, C, D and E and multi vitamins supplements in the food.
- 4. Enclosures are protected from rainy water.
- 5. Constructed heap at the dry moat in all the herbivores.

#### **During winter:**

- 1. Provided Calcium, Multivitamin supplements through food.
- 2. Provided dry grass / hay in all the night shelters.
- 3. Provided pots along with grass in all the bird enclosures.

#### During summer:

- 1. Gunny bags / Jute mats have been arranged to all the bird enclosures.
- 2. Green nets have been covered the sides of the all the enclosures.
- 3. Gunny bags / Jute mats have been arranged to all the bird enclosures.
- 4. Green nets have been covered the sides of the all the enclosures.
- 5. Water sprinkled frequently to the enclosures in and around the sheds of all species.
- 6. Provided the coolers near the cages of the Leopard and Sloth Bear enclosures.
- 7. Bird enclosures are protected from sun light with overhead nets.
- 8. Provided dry grass on the sheds of all animals and birds.
- 9. Regular watering to the trees around the enclosures getting extra green cover to all the zoo animals.
- 10. Reduced the food that is given to them and mixing the seasonal food like fruits (Watermelon, muskmelon, beetroot, and bananas) to all animals and birds.

- 11. Electral powder is mixing in the water during this season.
- 12. The Carnivores and Omnivores are provided with Glucon-D powder mixed with water that increases their energy levels.
- 13. Salt bricks have been provided at all the Herbivore enclosures.
- 14. Provided anti stress supplements to all the Zoo animals and birds.



#### 18. Publications

Only Broachers and Zoo Calendar were published.

#### 19. Captive Breeding Programme in the Zoo

Kakatiya Zoological Park, Warangal has successfully taken up different captive breeding programmes. In the past, this zoo has bred Four-horned antelopes and Ostrich. And these are exchanged with other zoos in Erstwhile Andhra Pradesh state. Kakatiya Zoological Park has been acquired Jackal, Red Jungle fowl, Alexandrine Parakeet, Cockatiels, Silver pheasant from Nehru Zoological Park, Hyderabad and White Peafowl, Grey Jungle fowl, Love birds from Sri Venkateshwara Zoological Park, Thirupathi in exchange programme.



Apart from these, this zoo has been successfully bred many endangered species i.e., Mouse deer, Black Buck, Jackal, Mugger Crocodile, Star Tortoise, Indian Soft shelled Turtle and Peafowl. Among the exotic species, Ostrich and Pheasants are successfully bred in the Zoo Park.

#### 20. Rescue and Rehabilitation of wild animals carried out by the Zoo

					Action	taken
SI. No.	Date of Rescue	Species rescued	-		Date and Place of rehabilitati on in their habitat	Reasons for housing in the zoo, if not released in their habitat
1	06.07.18	Crocodile Male	Dharmaraopet, Narsampet, Warangal Rural dist.	6.7.2018	6.7.2018	
2	20.09.18	Sloth Bear Male	BSNL Bhavan, Tower circle, Karimnagar district.	20.9.18	20.09.18	
3	07.03.19	Nilgai Male	Rehabilitation center, Jannaram, Mancherial dist.	7.3.19	7.3.19	Male Nilgai kept for display as one of the Male Nilgai was died on 28.03.2018 at Kakatiya Zoological Park.

#### **RESCUE AND REHABILITATION OF WILD ANIMALS BY ZOO RESCUE TEAM**



## 21. Annual Inventory Report of 2018-19

# Form - II [See Rule 11(1)]

#### Part - A

## Inventory Report for the Year:

#### Endangered Species\*

S. No	Animal Name	Scientific name		-	enin k as	-	Bi	irths	i	Acq	uisit	ion	D	ispo	osal	D	eath	ı	Clo		Stoo on	ck as
			М	F	U	Т	М	F	U	М	F	U		F	U	М	F	U	М	F	U	Т
1	Peafowl Common	<u>Pavo</u> <u>cristatus</u>	6	8	1	15													6	8	1	15
2	Peafowl White	<u>Pavo</u> <u>cristatus</u>	1	1	0	2													1	1	0	2
3	Grey Jungle Fowl	<u>Gallus</u> <u>sonnerati</u> i	2	3		5													2	3	0	5
4	Pheasant Kalij	<u>Lophura</u> leucomelana	1	1		2													1	1	0	2
5	Antelope Four Horned (Chowsin gha)	<u>Tetracerus</u> <u>quadricornis</u>	5	8	5	18			3							2	3	5	3	5	3	11
6	Black Buck	<u>Antilope</u> <u>cervicapra</u>	1	8	4	13													1	8	4	13
7	Sloth Bear	<u>Ursus</u> ursinus	1	2	0	3													1	2	0	3
8	Jackal	<u>Canis aureus</u>	2	2	6	10											1		2	1	6	9
9	Jungle Cat	<u>Felis chaus</u>	1	1	0	2													1	1	0	2
10	Mouse Deer	<u>Moschiola</u> indica	1	2	0	3													1	2	0	3
11	Leopard	<u>Panthera</u> pardus	1	1	0	2													1	1	0	2
12	Crocodile s (Mugger)	<u>Crocodylus</u> palustris	1	2	2	5													1	2	2	5
13	Turtle Fresh Water / Indian Soft - shelled	<u>Lissemys</u> punctata punctata	5	8	2	15													5	8	2	15
14	Iguana (Green Lizard)	<u>Iguana</u> iguana	0	0	4	4													0	0	4	4

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

# Other than Endangered Species

S. No.	Animal Name	Scientific name	5		enin < as (		E	Birth	IS	Aco	luisi	tion	Dis	spos	al	Death		Closing Stock as on				
			Μ	F	U	Т	Μ	F	U	М	F	U	М	F	U	М	F	U	М	F	U	Т
1	Ostrich	Struthio camelus	1	2	0	3													1	2	0	3
2	Rhea (White)	Rhea pennata	1	2	0	3													1	2	0	3
3	Swan Mute (White)	Cygnus olor	1	0	0	1													1	0	0	1
4	Swan Black	Cygnus atratus	1	1	0	2													1	1	0	2
5	Pheasant Yellow golden	Chroysoloph us pictus	1	1	0	2													1	1	0	2
6	Pheasant Silver	Lophura nycthemera	1	1	0	2													1	1	0	2
7	Pheasant Lady amrhest	Chrysolophu s amrhestiae	1	1	0	2													1	1	0	2
8	Cockatiel Lutino	Nymphicus hollandicus	5	7	2	14													5	7	2	14
9	Grey Cockatiel	Nymphicus hollandicus	6	6	0	12													6	6	0	12
10	Pied Cockatiel	Nymphicus hollandicus	3	3	0	6													3	3	0	6
11	Parakeet Rose ringed	Psittacula krameri	5	6	0	11													5	6	0	11
12	Parakeet Alexandrin e	Psittacula eupatria	3	2	0	5													3	2	0	5
13	Parakeet Blossom headed	Psittacula cyanocephal a	2	2	0	4													2	2	0	4
14	Parakeet Mustache	Psittacula alexandri	1	1	0	2													1	1	0	2
15	Red Collared Lory	Trichoglossu s rubritorquis	1	0	0	1													1	0	0	1
16	Sun conure / Sun parakeet	Aratinga solstitialis	0	1	0	1													0	1	0	1
17	Love Birds (Peach faced)	Agapornis sps	8	9	4	21													8	9	4	21

S. No.	Animal Name	Scientific name	ç	Op Stoc	eniı k as	-	Births		Acquisitio n		Disposal		Death		h	Closing Stoc as on			ock			
18	Love Birds (Lutino)	Agapornis sps	3	3	2	8													3	3	2	8
19	Love Birds (Fischers)	Agapornis sps	3	3	0	6													3	3	0	6
20	Fowl Jungle Red	Gallus gallus	3	2	2	7													3	2	2	7
21	Pigeon Blue Rock	Columbidae Colombiform es	18	2 0	2	40													18	2 0	2	40
22	Myna	Acridotheres tristis	1	1	0	2													1	1	0	2
23	Fantail pigeon		1	1	0	2													1	1	0	2
24	White Dove		1	2	0	3													1	2	0	3
25	Mandrine Duck	Aix galericulata	0	1	0	1													0	1	0	1









# 23. Mortality of animals

SI. 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	Fore horned antelope	<u>Tetracerus</u> <u>quadricornis</u>	Female fawn	2.4.18	Asphyxia due to Septicemia
2	Fore horned antelope	<u>Tetracerus</u> <u>quadricornis</u>	Female fawn	4.4.18	Asphyxia due to Septicemia
3	Fore horned antelope	<u>Tetracerus</u> <u>quadricornis</u>	Female fawn	4.4.18	Asphyxia due to Septicemia
4	Fore horned antelope	<u>Tetracerus</u> quadricornis	Male	5.4.18	Asphyxia due to Septicemia
5	Fore horned antelope	<u>Tetracerus</u> quadricornis	female	7.4.18	Asphyxia due to Septicemia
6	Fore horned antelope	<u>Tetracerus</u> <u>quadricornis</u>	female	8.4.18	Asphyxia due to Septicemia
7	Fore horned antelope	<u>Tetracerus</u> <u>quadricornis</u>	Female fawn	9.4.18	Asphyxia due to Septicemia
8	Fore horned antelope	<u>Tetracerus</u> <u>quadricornis</u>	male fawn	9.4.18	Asphyxia due to Septicemia
10	Fore horned antelope	<u>Tetracerus</u> quadricornis	female	10.4.18	Asphyxia due to Septicemia
11	Fore horned antelope	<u>Tetracerus</u> <u>quadricornis</u>	Male	10.4.18	Asphyxia due to Septicemia
12	Peafowl (National Bird)	<u>Pavo cristatus</u>	Male	18.7.18	Shock
13	Fowl Jungle Grey	<u>Gallus</u> sonneratii	Female	5.9.18	Asphyxia
14	Jackal	<u>Canis</u> aureus	Female	2.1.19	Shock due to infighting
15	Pheasant Lady amrhest	<u>Chrysolophus</u> <u>amrhestiae</u>	Female	27.5.18	Shock due to hereditary cloacal prolapse
16	Love Birds (Peach faced)	<u>Agapornis</u> <u>sps</u>	Male	21.7.18	Shock
17	Deer Mouse	<u>Moschiola indica</u>	Female	27.7.18	Shock
18	Pheasant Silver	Lophura nycthemera	Female	19.8.18	Asphyxia



## 24. SURPLUS ANIMALS & BIRDS LIST

S.	Spacios	Surplus Animals & Birds						
No.	Species	Male	Female					
1	Jackal	1	2					
2	Spotted Deer	18	20					
3	Sambar Deer	3	4					
4	Black buck	1	2					
5	Star tortoise	2	2					
6	Red eared turtle	5	5					
7	Peafowl (National Bird)	0	3					
8	Rose ringed parakeet	2	2					
9	Grey pigeon	3	3					
10	Common peafowl	2	2					
11	Red Jungle fowl	1	2					

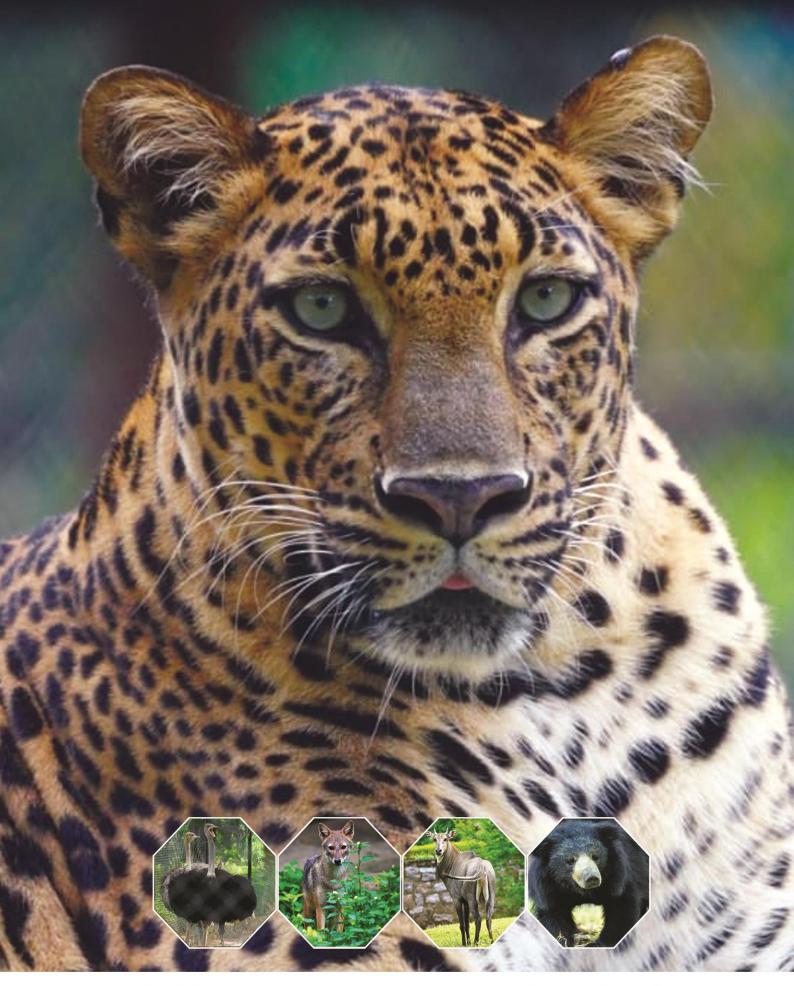
## 25. News Paper clippings



#### News Paper clippings







District forest Officer, Warangal Urban, T.S, Pin: 506 001 Ph: 9440810093 email: dfowglurban@gmail.com