



TAMIL NADU FOREST DEPARTMENT

ANNUAL REPORT - 2016-17



KURUMBAPATTY ZOOLOGICAL PARK

SALEM FOREST DIVISION

SALEM

TAMILNADU

ANNUAL REPORT

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INDEX

Sno	Section	Page no
1	Introduction	3
2	Zoo activities at a glance	4
	Animal habitats and upkeep	4
	Animal health care	5
	Animal Inventory Report for the year 2016-17	6
3	Acquisition, birth, death and disposal	8
4	Human resource and capacity building	8
5	Awareness and education	9
6	Rescue and rehabilitation of wild animals	12
7	Financial performance	14
8	Status of compliance of conditions stipulated by CZA	15
9	Zoo visitation and other details	17

INTRODUCTION

Kurumbapatty Zoo was established as a Mini Park in 1981 over an area of 11.07 ha. in Kurumbapatty RF at the foot hills of Shevaroy's and located just 10.00 k.ms. from Salem city. The Park is having adequate space for housing large number of animals. The zoological park is having a gentle topography, bamboo brakes, tall numerous trees and semi-perennial streams. The Kurumbapatty zoological park with an extent of 31.73 hac. has been recognized as a small category zoo in Central Zoo Authority F.No. 19-99/92 CZA (250) (Volume II) (M) dt 26.2.2010. The Park attracts large number of visitors, especially during holidays. At present the number of visitors are around 2,00,000 and it is in the increasing trend.

The existing zoo area is only 31.73 ha. As we enter the visitors are welcomed by the Lawn and flower beds landscape. Numerous benches are provided for the visitors. Crossing it, we enter into the peafowl enclosure. Then there is the children's play ground area where facilities like Go round, See saw, Fire more tower slip, Swing etc. are available. As we go further a watch Tower has been constructed which gives a splendid view of the water spread area and the surrounding lush forest is there. Numerous birds could be seen in the area. After that the deer and sambar enclosures are seen. There is provision to expand the Park with enclosures for Black Buck, Barking Deer, Indian Gaur etc. the other side of the park has numerous small streams. There is enclosure for crocodile, birds and reptiles in the area interspersed with bamboo thickets.

The Salem City with a population of 8.29 lakhs is not having many Picnic Spots besides Yercaud Hills, Mettur dam, Tharamangalam Temple etc. Kurumbapatty zoo can well satisfy the recreational needs of the local populace while serving as a centre of education and awareness regarding the conservation of forests and wildlife.

ZOO ACTIVITIES AT A GLANCE:

Animal habitats and upkeep:

During the year the following works were taken up for the improvement and enrichment of animal enclosures.

- The water birds enclosure was low and the roof was in a damaged condition. This year the height of the enclosure has been increased and various enrichment works have been made in the waterbird enclosure.



- The crocodile enclosure was improved as per the directions of the CZA wherein basking space for crocodiles and the redesign of the enclosure was taken up in this year.
- Various facilities have been created for the elephant housed in the zoo as per the direction of CZA. Shade pandal and separate bathing facilities have been created for the proper upkeep of the elephant.

Animal health care:

All the animals and birds in the zoo were dewormed on a regular basis for the control of ecto and endo parasites.



Forest veterinarian from Coimbatore and Dharmapuri regularly visit the zoo and screen the animals. Veterinarians from Tamilnadu animal husbandary department are consulted and they check and treat animals and birds for any injuries and disease. Close observations were done throughout the year as a precaution and prevention measures against avian influenza outbreak. All possible disease control measures were being taken to prevent the outbreak of disease in the zoo. Vaccination against anthrax and frequent health check ups, special camps were also conducted for the elephant housed in the zoological park.

**PROFORMA FOR ANNUAL INVENTORY REPORT OF KURUMBAPATTY ZOOLOGICAL PARK, SALEM
DIVISION, TAMILNADU**

Inventory Report for the year 2016-2017

S.No.	Endangered Species	Opening Stock as on 1.4.2016			Births			Acquisitions			Disposals			Deaths			Closing Stock as on March 2017		
		M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
1	Peacock	2	7	9	-	-	-	-	-	-	-	-	-	-	-	-	2	7	9
2	White Peacock	3	0	3	-	-	-	-	-	-	-	-	-	-	-	-	3	0	3
3	Grey pelican	1	2	3	-	-	-	-	-	-	-	-	-	-	-	-	1	2	3
4	Kowthari	2	2	4	-	-	-	-	-	-	-	-	-	-	-	-	2	2	4
5	Cocktail	2	2	4	-	-	-	-	-	-	-	-	-	-	-	-	2	2	4
6	Parrot	13	14	27	-	-	-	-	-	-	-	-	-	-	-	-	13	14	27
7	Alexandrian parrot	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2
8	Plum Headed parrot	2	0	2	-	-	-	-	-	-	-	-	-	-	-	-	2	0	2
9	Pigeon	12	11	23	-	-	-	-	-	-	-	-	-	-	-	-	12	11	23
10	Love birds	15	15	30	-	-	-	-	-	-	-	-	-	-	-	-	15	15	30
Total Birds		53	54	107	-	-	-	-	-	-	-	-	-	-	-	-	53	54	107

S.No.	Name of the Species	Opening Stock as on 1.4.2016						Births						Acquisitions						Disposals						Deaths						Closing Stock as on March 2017											
		M	F	U	T	M	F	U	T	M	F	U	T	M	F	U	T	M	F	U	T	M	F	U	T	M	F	U	T														
Mammals																																											
1	Spotted deer	15	7	-	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	6	-	21
2	Sambar deer	5	8	-	13	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	10	-	14					
3	Monkey	1	1	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	2						
Total Mammals		21	16	-	37	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	17	-	37						
Reptile/Amphibians																																											
1	Crocodile	3	4	-	7	-	7	-	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	7	13						
2	Tortoise	2	4	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	4	-	6							
3	Star tortoise	1	0	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1								
Total Reptile/Amphibians		6	8	-	14	-	7	-	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	7	7	20							
Total Animals		80	78	-	158	-	2	-	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	79	78	7	164							

Acquisitions, Birth, And Disposal of animals

S.No	Name of Species	Sex				Remarks
		M	F	U	T	
1	ACQUISITION	0	0	0	0	NIL
	BIRTH					
1	Crocodile (Reptile)	0	0	7	0	
2	Sambar (Mammals)	0	2	0	0	
	DEATHs					CAUSE OF DEATH
1	Crocodile (Reptile)	0	1	0	0	Septic peritonitis
2	Sambar (Mammals)	1	0	0	0	Due to shock caused by Hepatic failure
3	Spotted deer (Mammals)	0	1	0	0	Due to shock and injury to a vital organ
	DIPOSAL					
	NIL					NIL

HUMAN RESOURSE & CAPACITY BUILDING

S.No	Designation	Sanctioned post	Incumbency
1	Forest Range Officer	One	One
2	Forester	Two	Two
3	Forest Guard	One	One
5	Forest Watcher	One	One
6	Mali	One	One
7	Animal Keeper	Five	Two
8	Super numeric watcher	One	One

The zoo staffs were given periodic training and exposure regarding the handling and care of animals. Necessary consultations and instructions were provided to the field staff by the forest veterinarians.

Awareness and Education:

One of the main objective of the Kurumbapatty zoological park is to create awareness among the visitors about the importance and conservation of wildlife and forests. The zoo organizes various awareness and education programme to school and college students in the Salem city. NSS volunteers from Periyar University were engaged for the removal of plastic waste in and around the zoo premises and also awareness was created among the students and public visiting the zoo. Apart from these programmes training is also given to the inservice field personnel and the newly recruited field staffs of the state forest department and also from the neighbouring states about the management of zoological park and also about the upkeep and care of animals housed in the zoo. Various competitions were conducted as every year as a part of the wildlife week celebrations.

TELANGANA FOREST ACADEMY TRAINEES VISIT



SCHOOL STUDENTS VISIT TO THE ZOO



TAMILNADU FOREST ACADEMY TRAINEES VISIT



ECO AWARENESS CAMP CONDUCTED FOR SCHOOL CHILDREN



AWARENESS PROGRAMME FOR NSS VOLUNTEERS



Rescue and rehabilitation of wild animals:

The zoo is located in Kurumbapatty reserve forests at the foothills of Shervaroys. The city is surrounded by hillocks and reserve forests. Hence the zoo is involved in the rescue and rehabilitation of wild animals on a regular basis. The injured animals are provided veterinary care in the zoo and other animals are quarantined and released into the wild.

Spotted deers, small reptiles, birds and snakes are regularly rescued, treated and released by the Kurumbapatty zoo.

Sl. No	Name of Species	No. of Specimen	Date	Cause of rescue	Action Taken / Outcome
1.	Bonnet macaque	13 (Male) 17 (Female)	02.05.16	Caught within Senkaradu Village	Treated and released in Forest
		20 (Male) 13 (Female)	13.06.16	Caught within Senkaradu Village	Treated and released in Forest
		11 (Male) 9 (Female)	17.06.16	Caught within Senkaradu Village	Treated and released in Forest
		1 (Male) 3 (Female)	28.06.16	Caught within Sivathapuram Village	Treated and released in Forest
		2 (Male) 5 (Female)	05.07.16	Caught within Sivathapuram Village	Treated and released in Forest
		3 (Male) 2 (Female)	13.07.16	Caught within Vinayagampatti Village	Treated and released in Forest
		2 (Female)	24.07.16	Caught within Ariyanur Village	Treated and released in Forest
		4 (Male) 9 (Female)	10.08.16	Caught within Ariyanur Village	Treated and released in Forest
		8 (Male) 13 (Female)	19.08.16	Caught within Nethimedu Village	Treated and released in Forest
		2 (Male) 3 (Female)	26.08.16	Caught within Seelanaickenpatti Village	Treated and released in Forest

Sl. No	Name of Species	No. of Specimen	Date	Cause of rescue	Action Taken / Outcome
1.	Bonnet macaque	1 (Male) 2 (Female)	01.09.16	Caught within AVS Collage premises	Treated and released in Forest
		2 (Male) 5 (Female)	13.09.16	Caught within AVS Collage premises	Treated and released in Forest
		4 (Male) 6 (Female)	24.09.16	Caught within Alagapuram Village	Treated and released in Forest
		16 (Male) 29 (Female)	11.10.16	Caught within Kondalampatty Village	Treated and released in Forest
		1 (Male) 2 (Female)	21.10.16	Caught within Ammapet Village	Treated and released in Forest
		3 (Male) 5 (Female)	15.11.16	Caught within Ammapet Village	Treated and released in Forest
		6 (Male) 15 (Female)	19.11.16	Caught within Nattamangalam Village	Treated and released in Forest
		6 (Male) 11 (Female)	29.11.16	Caught within Thalavaipatti Village	Treated and released in Forest
		5 (Male) 16 (Female)	07.12.16	Caught within Elampillai Village	Treated and released in Forest
		9 (Male) 11 (Female)	16.12.16	Caught within Konampatti Village	Treated and released in Forest
		13 (Male) 23 (Female)	20.12.16	Caught within Vinayagampatti Village	Treated and released in Forest
		13 (Male) 26 (Female)	22.12.16	Caught within Panamarathupatti Village	Treated and released in Forest
		10 (Male) 16 (Female)	26.12.16	Caught within Kondappanaickenpatti Village	Treated and released in Forest
2.	Rat snake	One (Un sexed)	05.05.16	Captured from Gorimedu	Released in Forest
		One (Un sexed)	20.07.16	Captured from Kalarampatti Village	Released in Forest
		One (Un sexed)	15.09.16	Captured from Alagapuram Village	Released in Forest
		One (Un sexed)	02.11.16	Captured from Ammapet Village	Released in Forest

FINANCIAL PERFORMANCE 2016-17

Revenue:

The Kurumbapatty zoological park receives funds from the state government and also operates on the revenue generated from various sources. The zoo received an amount of Rs. 23.22 lakhs from ticket collections and a grant of 77.35 lakhs from the state government.

Expenditure:

FINANCIAL REPORT FOR THE 2016-17

Expenditure Details under Non Plan

	2016-17	
Recurring	Budget approved	Expenditure
Feeding	30.36	24.43
Wages to Causal Labours	3.07	0.76
Total	33.43	25.19

Expenditure Details (State Govt. Fund)

	2016-17	
Recurring	Budget approved	Expenditure
Rehabilitation Certification for curbing monkey menace scheme	--	--
J.K. Nature Conservation 4406-02-110 JK 1605	17.46	17.43
2406 - 02 -110 JE-II State Plan JE Special Health Camp for Elephant	1.83	1.83
Development of Kurumbapatty Zoo	--	--
Total	19.29	19.26

Expenditure Details Under ZAT (ZAT Fund*)

	2016-17	
	Budget approved	Expenditure
Recurring		
Wages to Casual Labours	3.220	3.220
Maintenance of animal houses, lawns, roads, fodder plots, drainage, water supply lines, compound walls, electricity charges etc.	21.411	13.612
Maintenance of visitor amenities		7.798
Zoo School, Sinages, Maintenance of buildings, staff amenities etc.	--	--
Total	24.631	24.630

The total amount spent by the Kurumbapatty zoological park during 2016-17 is Rs 69.08 lakhs for the maintenance of the zoo.

STATUS OF COMPLIANCE W.R.T CONDITION CONVEYED BY CENTRAL ZOO AUTHORITY VIDE THEIR No.19-99/92-CZA9250) (Vol.II) (NS) DATED 09.06.2016

S.No	Norm No.	Condition stipulated	Status of Compliance
1. General Requirements			
1	1.2	Landscaping around peafowl and water bird enclosure, planting of flower plants should be done, lawns, footpath to reach these enclosures be provided. Hedge planting with duranta cuttings or Casuarina be provided. Trimming of casuarina seedlings at the height of barricading level at later stage should be done	Complied
2	1.4	Barricading as per CZA norms all round Children park , railing to either side of footpaths from children park to downwards and also reducing the height of the steps for easy walk for children and elderly persons should done	The height of the steps have been reduced and the railing work will be carried out in the current financial year.
2. Administrative and staffing pattern			
3	2.2	As prescribed for small category zoo, the personnel like curator , Veterinarian and biologist should be posted	Necessary proposal has been sent for creating the posts.

3. Animal housing, display of animals and animal enclosure			
4	4.6	<p>1. The female elephant maintained in the zoo premises (as per court order) be provided with proper upkeep like raised stone platform with proper drainage all-round and shade pandal even it is for temporary period be provided and also footpath from main zoo to reach the elephant site be made walk able for the visitors.</p> <p>2. The Crocodile pond should be modified as per the standard and norms prescribed by the CZA. The enclosure should also provide sufficient basking space with sand substrate and sufficient depth of water to meet their biological and behavioral requirements.</p>	Complied
4. Upkeeping and health care of animals			
5	5.9	The staff involved with upkeep of Animals should be screened against zoonotic disease once ever year and treated properly till they cured completely and these employees should not be allowed to work in the close proximity of animals	Complied
5. Veterinary & Infrastructure facilities			
6	6.6	Zoo should have linkages with the eminent institutions and organizations working in the field of wild animals healthcare. They can assist when scientific diagnosis of disease of serious nature and advise for treatment and can also assist training and upgrading technical skills of zoo staff	The zoo is utilizing the services and expertise of veterinary department, veterinary university and organizations working in the field of animal healthcare.
6. Acquisition and breeding of animals			
7	9.2	To safeguard against ill effects of inbreeding on the zoo population, the zoo should introduce unrelated animals through exchange from other zoos	Necessary action has been taken to prevent the ill effects of inbreeding.
7. Education and outreach activities			
8	11.1	Zoo should organize various competitions for school children during wildlife week by which the young minds will have love towards wild animals and their conservation and know about the importance of zoo and their role in conservation of flora and fauna	Competitions are being conducted every year during wildlife week celebrations. Also awareness programmes are conducted for various school and college students.
8. Visitors facilities			
9	12.2	First aid facilities, anti-venom and life saving drugs should be made available	Complied

Kurumbapatty Zoological park, Salem Forest Division, Salem

Total Zoo Area : 31.73 Hac.

Zoo timing : 9.00 AM to 5.00 PM.

Close day : TUESDAY

No.Visitors 2016-17 : 1,88,933

Total Revenue 2016-17 : Rs.23,22,340

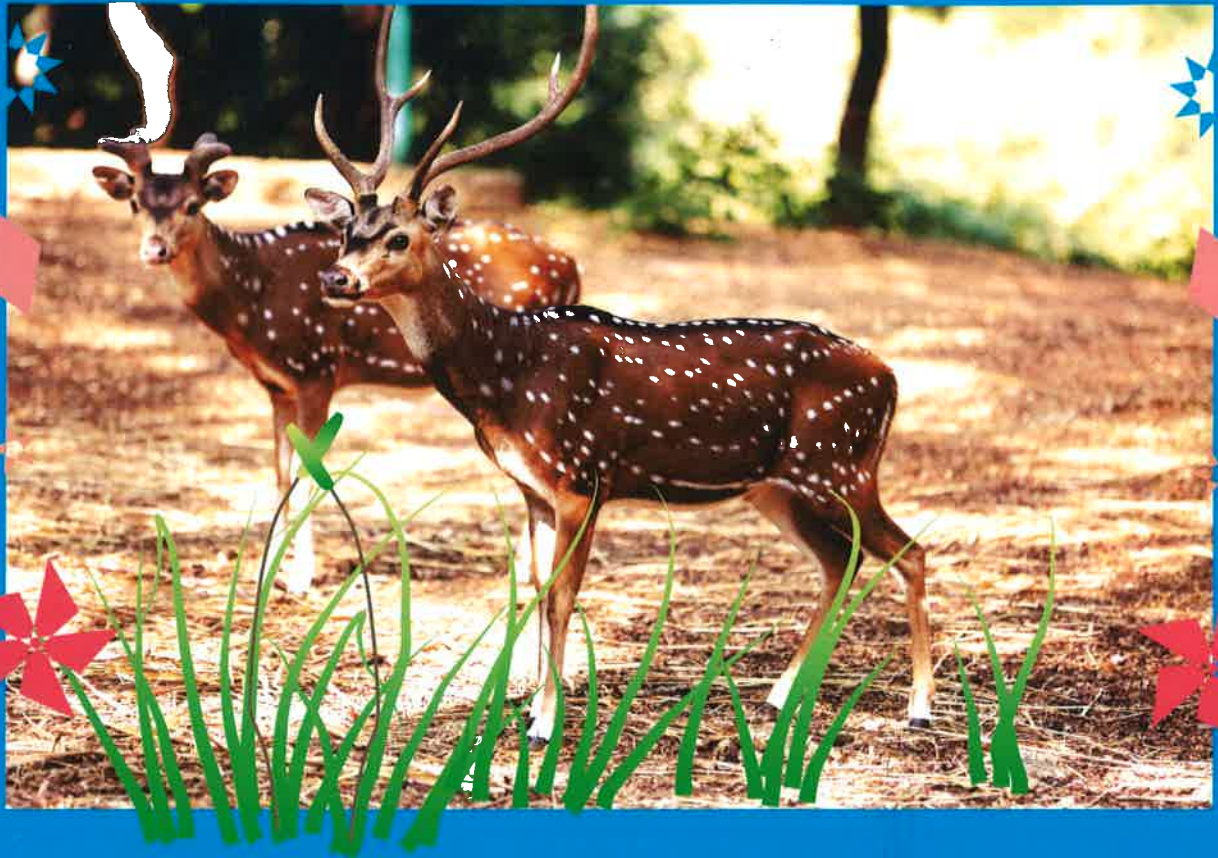
Entrance Fees Collected As per G.O No. 66 Environment and Forest, dated 30.6.2009

S.No.	Particulars	Rate Rs.
1	Adults	10.00
2	Children	5.00
3	Children below 10 years	Nil
4	Two wheeler parking	10.00
5	Four Wheeler parking	25.00
6	Still Camera	10.00
7	Video Camera	100.00

Phone Kurumbapatty Zoo FRO : 97892 34431

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KURUMBAPATTY ZOOLOGICAL PARK
SALEM FOREST DIVISION, SALEM, TAMILNADU.