



TAMILNADU FOREST DEPARTMENT

AMIRTHI ZOO

AMIRTHI, VELLORE DIVISION.

**Annual Report for the year
2022-23**



2022-2023
ANNUAL REPORT THE YEAR



**AMIRTHI ZOO,
AMIRTHI RANGE,
VELLORE DIVISION,
VELLORE.**

CONTENTS

Sl.No	Index	Page Number
1.	Report of the Officer-in-charge	1
2.	History of the Zoo	2
3.	Vision	4
4.	Mission	4
5.	Objective	4
6.	About us	5
7.	Organizational Chart	7
8.	Human Resources	7
9.	Capacity Building of the Zoo Person	8
10.	Zoo Advisory Committee	8
11.	Health Advisory Committee	8
12.	Statement of income and expenditure of the Zoo	9
13.	Daily feed Schedule of animals	11
14.	Vaccination Schedule of animals	16
15.	De-worming Schedule of animals	16

S.No	Index	Page Number
16.	Disinfection Schedule	16
17.	Development Works carried out in the zoo during the year	18
18.	Education and Awareness programme during the year Important Events and happenings in the zoo	19
19.	Seasonal special arrangements for upkeep of animals	20
20.	Research Work carried out and publications	20
21.	Conservation Breeding Programme of the Zoo	21
22.	Animal acquisition / transfer / exchange during the year	21
23.	Rescue and Rehabilitation of the wild animals carried out by the zoo	22
24.	Annual Inventory of animals	23
25.	Mortality of animals.	24
26.	Status of the Compliance with conditions stipulated by the Central Zoo Authority	25
27.	List of free living wild animals within the zoo premises	30

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

The Zoo at Amirthi was established in the year 1967 as 'Children's Corner' by Thiru.Raja Singh, District Forest Officer and later renovated in the year 1979-1980 with a total area of 10 ha. It is located about 25 km from Vellore city, inside the Thellai Reserve Forest of Amirthi range with semi- perennial falls nearby and it is the only Eco-tourist place present in the Vellore Forest Division.

Amirthi Zoological Park is one of the small category zoos in Tamil Nadu recognized by the Central Zoo Authority. The Zoo is situated on the outskirts of Vellore, the sixth largest city in Tamil Nadu and it is one of the major tourist attractions in Vellore district. The Park is located at the foothills of Shevaroy's, offering green panoramic views of the western slopes of the hills which houses a variety of Mammals, Reptiles, birds and lower fauna. It is spread over an area of 31.73 ha with vivid landforms and vegetation.

The zoo started with a wonderful collection of some local wild animals and birds. In decades past, the Park primarily served as a recreation center for people to display their popular and charismatic animals, which provided educational value. The zoo needs upgrade to achieve its optimal utility.

The visitors to the zoo are about 1.5 lakh annually and more than 200 schools visit the zoo annually, which shows the importance of this zoo for nature education.

The zoo staff work with sincerity and devotion to their job in order to ensure a healthy environment for the animals. I appreciate everyone in the zoo for having made it a successful year in the maintenance of the zoo.



**Assistant Conservator of Forest &
Assistant Director, Amirthi Zoo,
Vellore Division, Vellore-9.**



District Forest Officer,
Vellore Forest Division, Vellore - 9.



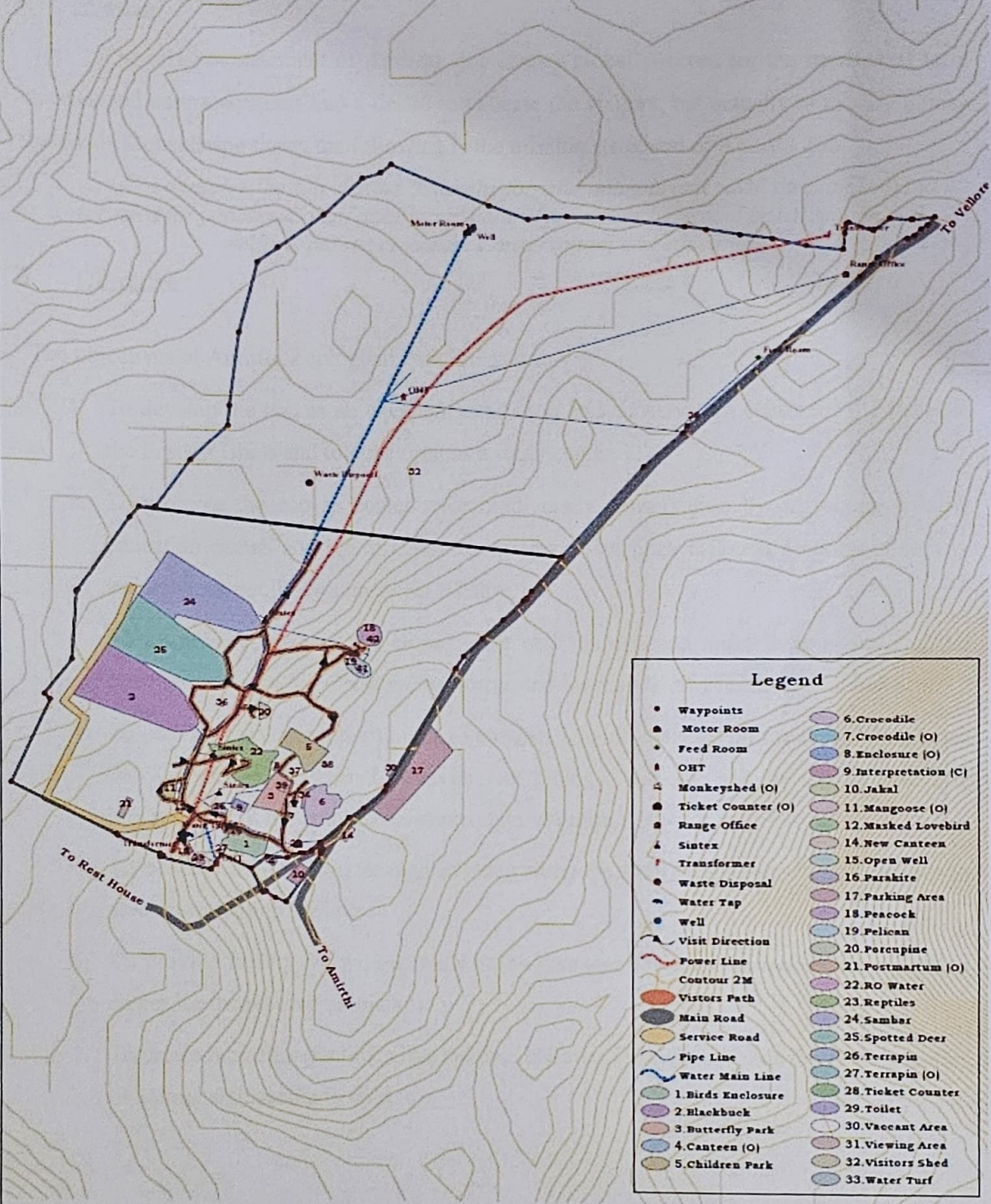
**FOREST RANGE OFFICER
AMIRTHI RANGE
AMIRTHI**

2. History of the Zoo

In 1967 the Amirthi Zoo was initially established as a "Children's Corner" by Thiru.G.J.Raja Singh I.F.S., then District Forest Officer, Vellore Forest Division with the intention of providing recreation and creating awareness among the people regarding the importance of wildlife. At first the Zoo was started with small number of animals and some local birds with the available old buildings of Amirthi Range, where these species were also kept in the transportable cages. The Amirthi Zoo which lies at the foot hills of the Thellai Reserved Forest provides congeniality of local climate and suitable habitat for the wildlife's. Acquisition of a spotted deer, Black Buck, and Sambar Deer from Guindy Park has attracted the local people as well as tourists from the surrounding towns. Therefore to inspire the visitors, the Forest Department has sanctioned an amount for providing amenities to Zoo visitors, such as the construction of dormitories and meditation centres, providing drinking water facilities etc., In the year 1987, the system of ticket collection for Zoo visitors was introduced in order to meet the expenses of temporary zoo watchers salary. At present, there are 19 enclosures of 297 species which spreads across an area of 10 ha having fenced with barbed wire using concrete pillars. It homes of Mammals, Reptiles and Birds such as Porcupine, Spotted Deer, Sambar Deer, Mongoose, Star Tortoise, Crocodiles, Pond Terrapine, Indian Rock Python, Russel viper, Ringed Parakeets, Partridges, Budgerigars, Black Indian Kite, Peacock, Water Birds, Night Heron, etc., there also many bound free species like Indian gaur, Monkey, Bonnet Macaque, Bats (Fruit eating) and Small Rodents. The mode of transport to the Amirthi Zoo is easily accessible by roadways as well as railway i.e. about 25 km from Vellore city and 150 km from Chennai. The Zoo must visits by the students and peoples from the home town of Vellore, Tiruvannamalai, Tirupattur, etc.

TAMILNADU FOREST DEPARTMENT
AMIRTHI MINI ZOO - VELLORE DIVISION
 (LAYOUT MAP - EXISTING ZOO)

1:2,500



Legend	
•	Waypoints
●	Motor Room
●	Feed Room
⊙	OHT
⊙	Monkeyshed (O)
⊙	Ticket Counter (O)
⊙	Range Office
⊙	Sintex
⊙	Transformer
⊙	Waste Disposal
⊙	Water Tap
⊙	Well
→	Visit Direction
—	Power Line
—	Contour 2M
—	Visitors Path
—	Main Road
—	Service Road
—	Pipe Line
—	Water Main Line
○	1. Birds Enclosure
○	2. Blackbuck
○	3. Butterfly Park
○	4. Canteen (O)
○	5. Children Park
○	6. Crocodile
○	7. Crocodile (O)
○	8. Enclosure (O)
○	9. Interpretation (C)
○	10. Jakal
○	11. Mongoose (O)
○	12. Masked Lovebird
○	14. New Canteen
○	15. Open Well
○	16. Parakite
○	17. Parking Area
○	18. Peacock
○	19. Pelican
○	20. Porcupine
○	21. Postmortum (O)
○	22. RO Water
○	23. Reptiles
○	24. Sambar
○	25. Spotted Deer
○	26. Terrapin
○	27. Terrapin (O)
○	28. Ticket Counter
○	29. Toilet
○	30. Vacant Area
○	31. Viewing Area
○	32. Visitors Shed
○	33. Water Turf

3. **Vision**

To develop a center for wildlife conservation, research, education regarding flora and fauna and a referral center for data on the wildlife of the Eastern Ghats.

4. **Mission**

The mission statement of Amirthi Zoo carries global concern for the survival of local species and natural systems and a desire to educate the visitors, but actually to modify human behavior. Considering these, the following is the mission statement of Amirthi Zoo.

“To inspire the zoo visitors’ empathy for wild animals and make them understand the need for conservation of nature and natural resources by way of practicing animal welfare, pursue research, Conservation, and education”.

5. **Objective**

The objectives of Amirthi Zoological Park are as follows:

1. To develop the zoo as an excellent exhibition and conservation centre for the fauna of the Eastern Ghats and to develop it as a study center.
2. To promote the zoo as center’s for biodiversity conservation by organizing wildlife education camps and interpretation programs to sensitize different sections of society and enhance public awareness on wildlife.
3. To inspire the zoo visitor’s empathy for wild animals and make them understand the need for conservation of natural resources and for maintaining an ecological balance.
4. To provide research opportunities to conduct scientific studies on the fauna to enhance our knowledge of animal behavior, its biology, ecology and to aid in scientific management of the zoo and conservation of wildlife.
5. To develop eco-tourism, through trekking along the nature trails and wildlife habitats in areas surrounding the zoo.
6. To provide facility for wild animals health care and develop a temporary rehabilitation center for the rescued animals.
7. To create recreation facilities like boating, children’s playground, and developing skills of animal sightseeing in wild.

6. **About us:**

Sl.No.	Particulars	Information
Basic Information about the Zoo		
1	Name of the Zoo	Amirthi Zoo
2	Year of Establishment	1967
3	Address of the Zoo	Amirthi, Vellore – 632102.
4	State	Tamil Nadu
5	Telephone Number	0416-2253329
7	E-mail address	1) dfovellore@gmail.com 2) amirdhifro@gmail.com
9	Distance from nearest	Airport : Chennai - 150 km
		Railway Station : Katpadi - 35 km
		Bus Stand : Vellore - 27 km
10	Recognition Valid up to (Date)	August 2023
11	Category of the zoo	Small Zoo
12	Area (in Hectares)	20 ha
13	Number of Visitors (Financial Year) (2022-2023)	Total Visitors: 150513
14	Available facilities for the Zoo Visitors	1. Parking area, 2. Sitting Benches, 3. RO Water, 4. Rest Room, 5. Dining Hall 6. Resting hut, 7. Signage's Zoo Map, 8. Interpretation Center 9. Direction Board, 10. Canteen.
15	Weekly Closure Day of the Zoo	Tuesday
Management Personnel of the zoo		
16	Name with designation of the Officer in-charge	Thiru.S.Kalanithi, IFS.
	Name of the Veterinary Officer	Nil
	Name of the Curator	Nil
	Name of the Biologist	Nil
	Name of the Education Officer	Nil
	Name of the Compounder/ Lab Assistant	Nil

Owner / Operator of the Zoo		
17	*Name of the Operator	District Forest Officer, Vellore Division, Vellore.
18	Address of the Operator	District Forest Officer, Vellore Forest Division, Forest Campus, Pillaiyar Koil Street, Rangapuram, Phase – IV, Vellore – 632 009.
19	Contact details / Phone number of the Operator	0416-2253329
20	E-mail address of the Operator	dfovellore@gmail.com

* Rule 2(m) of the Recognition of Zoo Rules, 2009.

"Zoo Operator" means the person who has ultimate control over the affairs of the zoos.

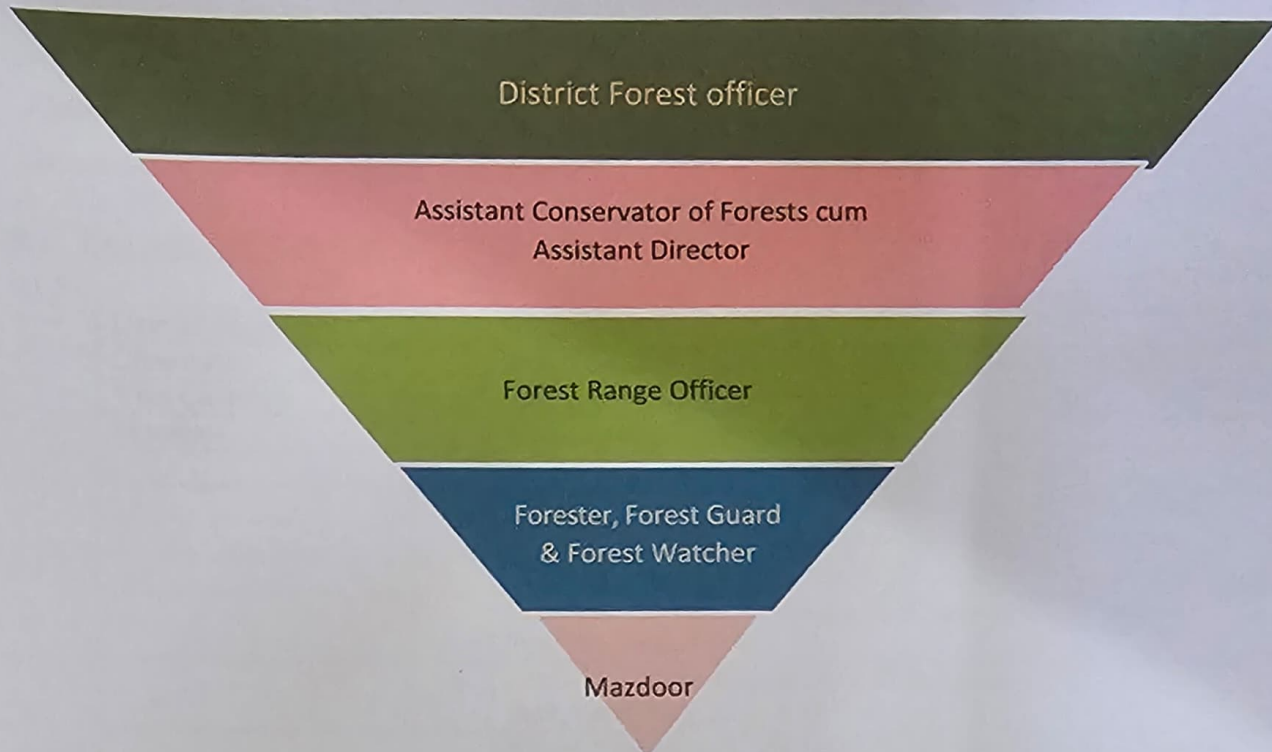
I in the case of a firm or other association of individuals, any one of the individual partners or members there of; or

II in the case of a company, any director, manager, secretary or other officer, who is in-charge of and responsible to the company for the affairs of the zoo; or

III. In case of zoo owned or controlled by the Central Government or any State Government or Union Territory Administration or any Trust or Society funded by the Central Government or a State Government or a Union Territory Administration, the Secretary of the concerned Department of that Government, or as the case may be the Union Territory Administration, shall be deemed to be the Zoo Operator.


FOREST RANGE OFFICER
AMIRTHI RANGE,
AMIRTHI

7. Organizational Chart



8. Human Resources

The Amirthi zoo has the following human resources for the management of the zoo. The District Forest Officer is the overall operator and controller of the zoo. The Assistant Conservator of Forests cum Assistant Director is solely assisting the District Forest Officer for the maintenance of the Amirthi zoo. The Forest Range Officer, Amirthi is the officer stationed in the Amirthi zoo and managing the premises. Amirthi Section Forester, Amirthi Beat Forest Guard and Forest Watcher assisting the Forest Range Officer in the management of the zoo. Twenty zoo watchers (fifteen animal keepers – male and five female sweepers) were employed on a contract basis by the Forest Contractor as a daily wages. Their day to day works are feeding animals, garbage collections, ticket collector and cleaning the enclosures and zoo premises. The Amirthi zoo is in need of following human resources.

- 1) One Veterinary Assistant,
- 2) One Biologist,
- 3) One Curator,
- 4) One Educational Officer,
- 5) One Junior Research Fellow.
- 6) One Compounder / Lab assistant,
- 7) Two security Guard.

9. **Capacity Building of zoo personnel**

Frequent advice and suggestions were provided by the Doctors to the animal keepers and sanitation workers as per the norms fixed by the CZA in accordance with the number of animals available in the zoo. Suitable infrastructure will have to be created for the zoo staff such as construction of combined staff quarters.

10. **Zoo Advisory Committee**

Date of constitution	:	03.12.2014
Chairman	:	The Honorable Chief Minister of Tamil Nadu
Vice Chairman	:	The Honorable Minister of Forests-Tamil Nadu
Members	:	Chief Secretary, Government of Tamil Nadu
	:	Additional Chief Secretary-Finance Department
	:	Additional Chief Secretary-Animal Husbandry Department
	:	Principal Secretary, Environment & Forest Department
	:	Principal Chief Conservator of forests(Head of the Department)
	:	Principal chief Conservator of Forests and Chief Wildlife Warden-Tamil Nadu
	:	ZAT- Director - Arignar Anna Zoological Park, Vandalur, Chennai-48
	:	Vice-Chancellor, Tamil Nadu Veterinary College, Chennai.
	:	Director of Environment, Govt of Tamil Nadu
	:	Commissioner, Department of Tourism, Tamil Nadu
Member Secretary	:	Additional Principal Chief Conservator of Forests and Director, Arignar Anna Zoological Park, Vandalur, Chennai-48.
Date on which General Body Meeting held -		

11. **Health Advisory Committee**

As such Health Advisory Committee is yet to be constituted for Amirthi Small zoo. However, Wildlife warden, Wildlife Biologist and Wildlife Veterinary officers keep meeting frequently and measures are taken for upkeep of animal enclosures time to time.

12. Statement of income and expenditure of the Zoo

I. **Income Details in Amirthi Small Zoo during 2022 to 2023.**

Revenue Collection Details of Amirthi Zoo from 2022 to 2023							
S.No	Year	No. of Visitors	Ticket collection	Camera Collection	Vehicle Collection	Other Collection	Total
1	2022 - 2023	150513	1384690	5375	1302100	14090	2856768 28.56 (lakhs)

II. **Expenditure Details in Amirthi Zoo during 2022 to 2023.**

S. No	Description	No. of workers engaged	Revenue collection in ZAT account (in Rs)	Amount Sanctioned in ZAT account (in Rs)	Amount Spent (in Rs)	Remarks
1	Engaging Temporary zoo workers during 2022-23	20 Nos.	2968070	2412000	2412000	
2	Temporary Computer Operator	1 No		121320	121320	
Total			2968070	2533320	2533320	

III. **Expenditure Feeding Charges details for Amirthi Zoo animals during 2022 to 2023.**

S.No	Description	No. of Months	Amount Allotted under Non plan under Head of Account -AA upkeep of Dept. Animals "2406-01-101-AA-36709" (in Rs)	Amount Sanctioned (in Rs)	Amount Spent (in Rs)	Remarks
1	Feeding charges to zoo animals during 2022-23	12	1. upkeep of Dept. Animals= 950000 2. ZAT= 1800000	5549711	2750000	Balance Rs.2799711 to be spent during 2023-2024.
Total			2750000	5549711	2750000	


FOREST RANGE OFFICER
AMIRTHI RANGE,
AMIRTHI

IV. Expenditure Improvement of Amirthi Zoo during 2022 to 2023.

S.No	Name of the Work	Head of the account	Amount Sanctioned (in Rs)	Amount Spent (in Rs)	Remarks
1	Other Contingencies - 2406-01-001-AA-0529	2406-01-101-AA- 0001-State Expenditure - AA - Upkeep of Departmental Animals	35000	35000	
2	Periodical Maintenance- 2406-01-101-AA-1813		300000	300000	
3	Wages- 2406-01-101-AA-1840		90000	45000	
4	Medicines- 2406-01-101-AA-6603		50000	50000	


FOREST RANGE OFFICER
AMIRTHI RANGE
AMIRTHI

13. **Daily feed Schedule of animals**

The diet for all the animals in the zoo will be provided as per the diet prescriptions of the expert veterinarians. The same will be revised from time to time for each of the animals depending on its age, health status, season, etc. Each animal will have a separate diet chart which will be maintained by the veterinarians in the zoo. Proposals have been made to develop a rat breeding center or a frog breeding center in the zoo premises to meet the diet requirements of some of the zoo animals

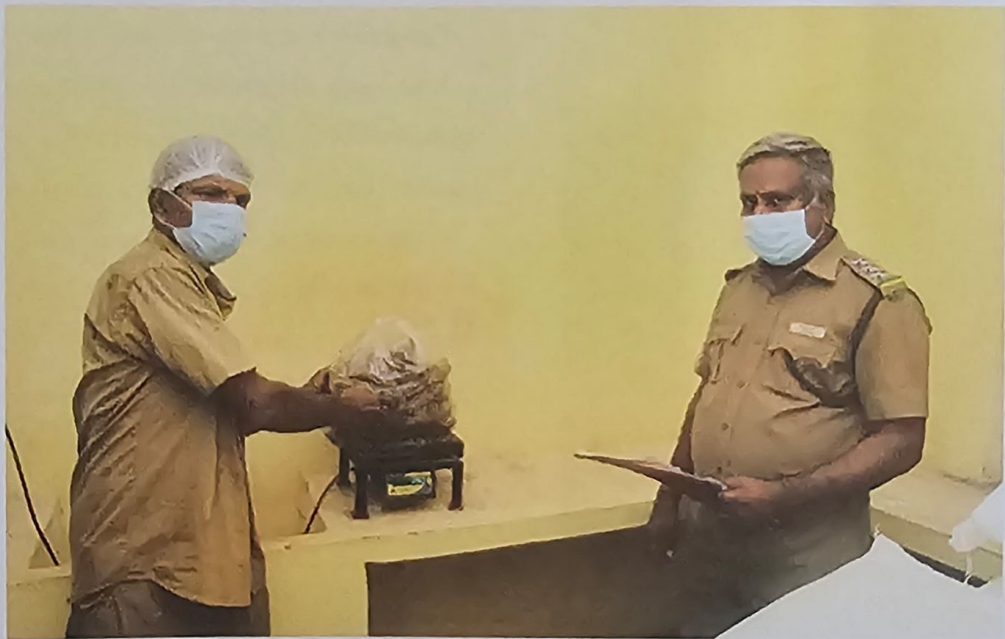
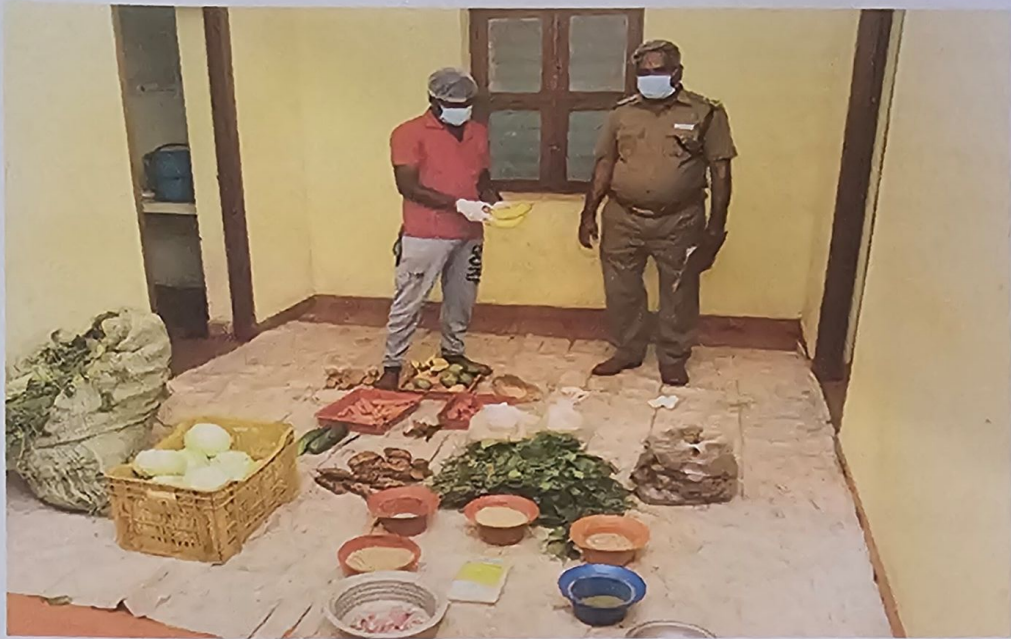
Daily Feed of Animals - 2022- 2023						
S.No	Name of the Species	No of Animals	Quantity for each animal / day in gm. or Nos.	Quantity in grams		Day of Fasting
				Winter	Summer	
1	PORCUPINE	4	Carrot - 100	100	100	
			Rice - 100	100	100	
			Greens – Amaranthus - 50	50	50	
			Cabbage -100	100	100	
			Sweet Potato -100	100	100	
			Soya beans - 20	20	20	
2	STAR TORTOISE	2	Carrot -30	30	30	
			Tomato - 30	30	30	
3	SPOTTED DEER	128	Wheat bran – 500	500	500	
			Cattle feed -500	500	500	
			White Bengal gram - 50	50	50	
			Ground nut oil cake - 50	50	50	
			Cabbage – 100	100	100	
			Salt -10	10	10	
			Grass 3000	3000	3000	
			Green Leaves - 2000	2000	2000	
			Greens -Amaranthus – 250	250	250	
4	SAMBAR DEER	9	Wheat bran - 1500	1500	1500	
			Cattle feed -1500	1500	1500	
			Ground nut oil cake-100	100	100	
			Cabbage - 100	100	100	
			Greens-Amaranthus - 250	250	250	
			Salt -10	10	10	
			Grass - 15000	15000	15000	
			Tree Branches (with bark) - 5000	5000	5000	

5	PEACOCK (Peacock 11 + White Peacock 3)	14	cabbage - 25	25	25	
			Mixed grains -25	25	25	
			Paddy - 100	100	100	
			White Bengal gram -50	50	50	
			Garlic -10	10	10	
			Ground nut (W.O.S)-50	50	50	
			Shell grit - 10	10	10	
			Carrot - 50	50	50	
			Tomato - 50	50	50	
			Green gram - 25	25	25	
6	WATER BIRD (Pelican)	3	Fish - 1000	1000	1000	
			Apple - 500	500	500	
			Orange - 50	50	50	
			Mango - 50	50	50	
			Guava - 1 No	1 No	1 No	
			Tomato - 50	50	50	
			Ground nut (W.O.S) - 50	50	50	
			Sweet Potato - 50	50	50	
			Bread slice - 1	1	1	
			Egg (Boiled) - 1	1	1	
			Green Banana -1	1	1	
			Carrot - 50	50	50	
Sun flower seeds - 10	10	10				
7	NIGHT HERON 53 + COUNTRY HERON 1	54	Fish - 200	200	200	
8	CROCODILE	2	Fish (weekly once)-50	50	50	Weekly once
			Beef with bone - 500 (Weekly twice)	500	500	Weekly twice
9	POND TERRAPINE	23	Tomato - 30	30	30	
10	BLACK INDIAN KITE	11	Chicks - 2 Nos (weekly once)	2 Nos	2 Nos	Weekly once
			Rat - 2 Nos (weekly Once)	2 Nos	2 Nos	Weekly once
			Chicken -100	100	100	
			Fish - 200 (Tuesday)	200	200	Tuesday
11	BUDGERIGARS	15	Apple - 30	30	30	
			Banana - 1 No	1 No	1 No	
			Thinai - 10	10	10	
			Mixed grains - 10	10	10	
			white Bengal gram-5	5	5	
			Greens - Amaranthus - 10	10	10	
			Shell grit - 2 grams	2	2	

12	GREY PATRIDGES	2	Greens -Amaranthus - 50	50	50	
			Wheat Bran - 100	100	100	
			Mixed grains - 50	50	50	
13	PARAKEETS	22	Guava - 1	1	1	
			Ground nut (W.O.S) - 20	20	20	
			Mixed grains - 10	10	10	
			Paddy - 100	100	100	
			Garlic - 5	5	5	
			White Bengal gram -10	10	10	
			Green gram	5	5	
			Bread Slice			
14	INDIAN ROCK PYTHON	2	Chicken -1000 (Monthly twice)	1000	1000	Monthly Twice
			Rat (size 150 grams) - 8 Nos Monthly twice	8 Nos	8 Nos	Monthly Twice
15	INDIAN COBRA	2	Chicks 3 Nos (weekly once)	3	3	Weekly Once
			Rat (100 to 150 grams) - 4 Nos Monthly once	150	150	Weekly Once
16	RUSSELL VIPPER	2	Chicks 3 Nos (weekly once)	3	3	Weekly Once
			Rat (100 to 150 grams) - 4 Nos Monthly once	4	4	Weekly Once
17	MANGOOSE	2	Beef Liver - 100	100	100	
			Chicken - 100	100	100	

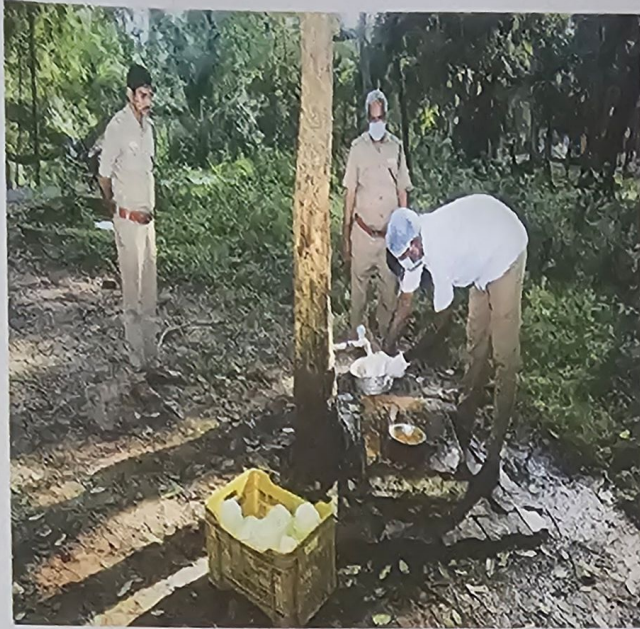

FOREST RANGE OFFICER
AMIRTHI RANGE
AMIRTHI

Amirthi Zoo, Amirthi.
Inspecting Feeds – Diet schedule



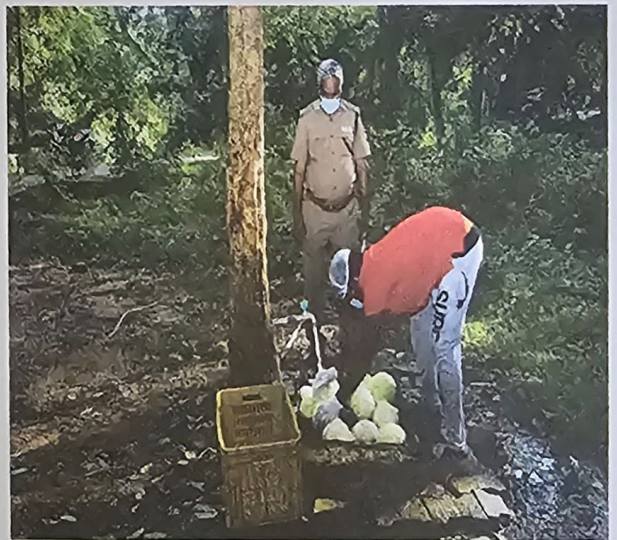
Amirthi Zoo, Amirthi.

Quality checking – Washing Feeds with Potassium Permanganate (1%) and Turmeric Powder Solution



- ✚ Feed to the animals was checked by the veterinary officer, Vandalur Zoo.
- ✚ Supplying feed to the species as per the diet schedule preparation.
- ✚ Daily Report of Amirthi zoo precautionary measures in Amirthi Zoo
- ✚ Providing clean drinking water for zoo animals and cleaning the animal water through thoroughly with hypochlorite powder.

- ✚ Animal keepers are approaching their concerned enclosures in a protective manner i.e. face mask, gloves and soap.
- ✚ Checking zoo animal feed and washing feed with Potassium permanganate (1%) and turmeric powder solution.
- ✚ Daily cleaning of animal enclosures, removing feed, reimagining, sewage and drainage water.
- ✚ Animal keepers wash their hands with soap before and after handling animal feed.
- ✚ Spraying /Dusting of disinfectant i.e. bleaching powder and Turmeric powder in all animal enclosures regularly.



1. Vaccination Schedule of animals

Sl.No.	Species	Name of the Vaccine and dosage/ quantity Used	Periodicity	Remarks
1	Nil	Nil	Nil	Nil

2. De-worming Schedule of animals

Sl. No.	Species	Drug used	Month
1	Spotted deer	Fenbendazole	September/ December
2	Porcupine	Fenbendazole	September/ December
3	Peafowl	Fenbendazole	September/ December
4	Sambar Deer	Fenbendazole	September/ December

16. Disinfection Schedule

Periodically disinfection schedule is followed in the zoo as preventive care protocol. Cleaning of feed, water troughs, application of turmeric powder inside and around enclosures, provide adequate with 1% potassium permanganate as dips and rinses, removal of left over feed in the enclosure, cleaning of equipment usage of kohrsolien for disinfection are regular schedule and routine activity.

Applying of calcium carbonate/lime during onset of monsoon is a disinfection routine. Clearing of weeds, scrapping of topsoil around enclosures, change of sand substratum in the animal enclosure, painting, and white washing is all followed as annual schedule of disinfection.



Veterinary Doctor Visit:



17. Development Works carried out in the Amirthi Small zoo during the year.

Sl. No.	Name of the Development Work
1	Construction of Damaged Protection wall in Spotted Deer enclosure
2	Improvement of Porcupine enclosure

Construction of Damaged Protection wall in Spotted Deer enclosure



Improvement of Porcupine enclosure



18. Education and Awareness programmers during the year

The zoo is visited by student communities from in and around the city. On average, about 5000 students visit the zoo. In addition to the regular interpretation given by the zoo personnel, the students are given special attention on special occasions such as Wildlife Week, World Wetland day, Van mahotsava, World Forest Day, etc. and they are briefed about the importance of the occasion and motivated to help the survival of flora and fauna. An education officer and interpreter is needed to give a guided tour for visitors who come in groups.



19. Seasonal special arrangements for upkeep of animals.

1. Sprinkling of water in all enclosures during peak summer days.
2. Seasonal fruits supply for the zoo inmates
3. Prophylactic disinfection schedule for monsoon management of captive population.
4. Additional thatched sheds & shade nets to enclosures as summer management practice to provide relief from heat.

20. Research Work carried out and publications

The composition of wildlife biologists, veterinary experts, field assistants, animal keepers, managers, etc., will contribute to collection of data on animal behavior, health, breeding, feeding, release and rehabilitation, population control, rogue animals, etc., will be decided by regular meetings. The data collection, record keeping and reporting will be done systematically and published in a suitable journal.



21. Conservation Breeding Programme of the Zoo.

The zoo comes under the small zoo category, acting mainly as a provider of wildlife education and awareness center for the visiting public about the fauna of the eastern & Western Ghats. Moreover, the zoo has exhibited the common and smaller animals in its collection in which normal breeding is noted. Hence, the major breeding programme activities have not been formulated. The following species are known to show breeding behavior in the zoo.

Sl.No	Name of the species
1.	Spotted deer
2.	Parakeet
3.	Love Birds
4.	Kite
5.	Night Heron

22. Animal 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	NIL	NIL	NIL	NIL
B.	Animals going from the zoo				
	H.NO.	Species	Number (M:F)	Going to which Zoo	Date of deposition from the zoo
	NIL	NIL	NIL	NIL	NIL


FOREST RANGE OFFICER
AMIRTHI RANGE
AMIRTHI

23. 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	NIL	NIL	NIL	NIL	NIL



24. Annual Inventory of animals.

FORM-II

[See rule 11 (1)]

Part-B

Proforma For Annual Inventory Report

Inventory Report for the Year : 2022-2023

S.No	Animal Name	Scientific Name	Opening Stock as on (01.04.2022)				Births				Acquisition				Disposal				Closing stock as on (31.03.2023)			
			M	F	U	T	M	F	U	T	M	F	U	T	M	F	U	T	M	F	U	T
1	Peafowl	<i>Pavo cristatus</i>	5	6	0	11			2	2						2	2	5	4	2	11	
2	White Peafowl	<i>Pavo cristatus</i>	1	2	0	3												1	2	0	3	
3	Water Birds (Pelican)	<i>Pelecanus</i>	4	0	0	4							1			1		3	0	0	3	
4	NIGHT HERON	<i>nycticorax</i>	18	15	2	35			18	18							18	15	20	53		
5	COUNTRY HERON	<i>Ardea alba</i>	1	0	0	1												1	0	0	1	
6	BLACK INDIAN KITE	<i>Haliastur indus</i>	5	4	0	9			2	2							5	4	2	11		
7	BUDGERIGARS	<i>Agapornis</i>	2	2	0	4			11	11							2	2	11	15		
8	ROSE RIGNED PARAKEETS	<i>Psittacula krameri</i>	0	0	12	12			8	8			2	2			0	0	22	22		
9	GREY PATRIDGES	<i>Francolinus pondicerianus</i>	1	1	0	2											1	1	0	2		
10	Porcupine	<i>Hystrix indica</i>	2	2	0	4											2	2	0	4		
11	SPOTTED DEER	<i>Axis axis</i>	58	45	0	103			28	28			1	2	3	57	43	28	128			
12	SAMBAR DEER	<i>Rusa unicolor</i>	1	7	0	8	3		3				2	2	4	5	0	9				
13	MANGOSE	<i>Herpestes edwardsii</i>	2	0	0	2									2	0	0	2				
14	Jackle	<i>canis aureus</i>	0	0	0	0									0	0		0				
15	CROCODILE	<i>Crocodylus niloticus</i>	0	2	0	2									0	2	0	2				
16	STAR TORTOISE	<i>Geochelone elegans</i>	0	2	0	2									0	2	0	2				
17	POND TERRAPIN	<i>Melanochelys trijuga</i>	10	13	0	23									10	13	0	23				
18	INDIAN ROCK PYTHON	<i>python molurus</i>	2	0	0	2									2	0	0	2				
19	INDIAN COBRA	<i>naja naja</i>	2	0	0	2									2	0	0	2				
20	RUSSELL VIPPER	<i>Daboia russelii</i>	2	0	0	2									2	0	0	2				
Total			116	101	14	231	3		69	72			2	6	8	117	95	85	297			

*Animals under Sch- I and II of Wild Life (protection) Act, 1972


FOREST RANGE OFFICER
AMIRTHI RANGE,
AMIRTHI

25. Mortality of animals

Sl. No.	Animal Name (with individual identification mark, if any)	Scientific Name	Sex	Date
1	Sambar Deer	Rusa unicolor	Female	15.05.2022
2	Spotted Deer	Axis axis	Female	22.07.2022
3	Peafowl Deer	Pavo cristatus	Female	27.07.2022
4	Spotted Deer	Axis axis	Male	20.08.2022
5	Spotted Deer	Axis axis	Female	22.08.2022
6	Peafowl	Pavo cristatus	Female	18.10.2022
7	Sambar Deer	Rusa unicolor	Female	15.11.2022
8	Water Birds (Pelican)	Pelecanus	Male	11.12.2022


2
FOREST RANGE OFFICER
AMIRTHI RANGE,
AMIRTHI

26. Compliance with conditions stipulated by the Central Zoo Authority

Sl. No	Norm No.	Condition Stipulated	Time Period to Comply	Since when pending	Status with regard to compliance of the conditions
1	10.1(3)	Visitor's movement at the zoo should be 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 animal	Immediately	March 2016	The Visitors movements in the zoo has been regulated temporarily by using bamboo barricades wherever possible as a temporary measure. However, as suggested by the CZA for reducing visitor's path to 25% of the periphery of the enclosure, we require an amount of Rs. 13.10 lakhs to carry out this work. For which, necessary estimate has been prepared and submitted herewith in the Enclosure.
2	10.1(5)	The boundary wall of zoo is only 60% has been completed. The remaining portion is covered by the barbed wire fence should be completed.	Six months	March 2016	An amount of Rs. 1.43 crores is required to construct the entire remaining boundary of the compound wall, for which necessary estimate has been prepared and submitted herewith in the enclosure.
3	10.1(6)	The zoo has entry to the guest house and tourism huts (residential area) The same should be separated by boundary wall with Independent entry and exit.	Immediately	March 2016	This work will be completed within 3 months with the available funds under Non-Plan.
4	10.1(9)	The domestic ducks, blue rock pigeon and rabbits housed at the zoo should be removed immediately.	Immediately	March 2016	The domestic ducks, blue rock pigeon and rabbits were removed already as per CZA evolution team's Instructions.

4 Animal housing display of animals and animal enclosures					
10.4(2)	I	The aviaries (Pariah kite. Rose ringed parakeet) have been provided with metal wire and pipes as perch. The same should be replaced with bamboo or wooden sticks of appropriate size.	Immediately	March 2016	This work was completed as per CZA evolution team's instructions.
	II	The pariah kite enclosure has service entry to the enclosure from the visitor viewing area. It should be located in the back.	Immediately		This work will be completed within 3 months with the available funds under Non-Plan.
	III	The area of the pea fowl aviary is mere 15 sq. mt does not meet the standards and norms as prescribed by the CZA. It should be of the size as prescribed by the CZA.	Immediately		This work will be completed within 3 months with the available funds under Non-Plan.
	IV	The Rose ringed parakeet has been provided with service gate in the front. It should be located in the back Side.	Immediately		This work will be completed within 3 months with the available funds under Non-Plan.
5	10.4(3)	<p>I The empty leopard cage used for display of jackal provided with pucca floor. The floor of paddock should be made kaccha.</p> <p>II The water body provided in most animal enclosure does not have any outlet to drain the water. It should have proper outlet and inlet for water.</p> <p>III The peafowl aviary has been provided bucket for drinking of water to the animals. The aviaries should be provided with earthen shallow water body.</p> <p>IV The Rose ringed parakeet aviary has pucca floor and no enrichment. The aviary should be enriched and should be provided with kaccha floor.</p>	<p>Immediately</p> <p>Immediately</p> <p>Immediately</p> <p>Immediately</p>	March 2016	<p>This work was completed as per CZA evolution team's instructions. This work will be completed within 3 months with the available funds under Non-Plan.</p> <p>This work will be completed within 3 months with the available funds under Non-Plan.</p> <p>This work was completed as per CZA evolution team's instructions.</p>

6		V The glass used has barrier at new enclosure of mongoose, star tortoise and python have reflection. It should be placed in a manner or such Angle that there is no reflection is seen.	Immediately		This work will be completed within 3 months with the available funds under Non-Plan.
7	10.4(5)	Most animal enclosure at the zoo have been provided with more than 70% area of total area of enclosure for visitors viewing. It should be restricted to 25% of the perimeter of enclosure.	Immediately	March 2016	The Visitors movement in the zoo has been regulated temporarily by using bamboo barricades wherever possible as a temporary measure. However, as suggested by the CZA for reducing visitors path to 25% of the periphery of the enclosure, we require an amount of Rs. 3.10 lakhs to carry out this work for which necessary estimate has been prepared and Submitted herewith in the enclosure.
8	10.4(6)	I The zoo has been housing cobra in small enclosure without any enrichment. The enclosure area should be of 40sqmts in size. II The Python housed is new enclosure have not been provided with enough horizontal and vertical perched. The enclosure should be enriched as per the species requirement.	Immediately Immediately	March 2016	This work will be completed within 3 months with the available funds under Non-Plan. This work will be completed within 3 months with the available funds under Non-Plan.
9	10.4(8)	The zoo has constructed new enclosure to house mongoose, star tortoise and python without obtaining the prior approval of the design from CZA.	Immediately	March 2016	Necessary proposals will be submitted to the CZA for approval of the construction of new enclosure.
10	10.4(9)	Between the standoff and parapet wall of most animal enclosures (pariah kite) the green hedge should be planted.	Immediately	March 2016	This work has been completed as per CZA evolution team's instructions.
11	10.1(10)	The appropriate signage's should be provided at all animal exhibits containing the biological information About the species.		March 2016	This work will be completed within 3 months with the available Funds under Non-Plan.

5.Up keep and health care of animals					
12	10.5(2)	<p>I The food provided to the animals should be checked by the Veterinary Officer of the Zoo.</p> <p>II The zoo should prepared diet schedule for the animals of the Zoo.</p> <p>III The vegetable and fruits provided to the animals should be washed. As the fruits are ripened using various chemical the same should be washed before giving to the animals.</p> <p>IV The zoo should test the food and water provided to the Zoo animals.</p>	<p>Immediately</p> <p>Immediately</p> <p>Immediately</p> <p>Immediately</p>	<p>March 2016</p>	<p>The Zoo has no Veterinarian post. The food provided to the animals is checked by the Forester and Forest Range Officer of the Zoo. The diet schedule for the animals of the Zoo was prepared and it is followed. The vegetable and fruits provided to the animals are being washed regularly as per CZA evolution team's instructions.</p> <p>The food provided to the Zoo animals is tested by the nearest Veterinary Officer, whenever visits the zoo.</p>
13	10.5(5)	<p>I The Zoo should provide drain for disposal of sewage water.</p> <p>II The Zoo has been throwing the waste in the back side of Rose ringed Parakeet aviary. The same should be stopped.</p> <p>III For cleaning the animal enclosures, no disinfectant are being used. The zoo should use as the disinfectant as of prescribed by the veterinary Officer of the Zoo.</p>	<p>Immediately</p> <p>Immediately</p> <p>Immediately</p>	<p>March 2016</p>	<p>This work will be completed within 3 Months with the available funds under Non-Plan.</p> <p>This work has been completed as per CZA evolution team's Instructions.</p> <p>This work is being regularly carried out as per the CZA evolution team's instructions.</p>
14	10.5(9)	The Zoo should carry out screening of Zoo staff for Zoonotic disease every year.	Immediately	March 2016	This work is being carried out regularly as per the CZA evolution team's Instructions.
15	10.5(10)	The Zoo should maintain the keepers diary, Daily Report, Animal history card, Post mortem Reports, De-worming Schedule, Vaccination Schedule, Animal diet Register.	With immediate effects	March 2016	This work is being regularly carried out as per the CZA evolution team's instructions.

6. Veterinary and infrastructure facilities

16	10.6(1 c)	The Zoo should have treatment room post mortem room and no quarantine and isolation area	With immediate effects	March 2016	As per the Zoo Rules 2009 with (Amendment) Rules 2013, the mini zoo was exempted from having a separate postmortem room, isolation ward, and quarantine ward, animal restraining and tranquilizing equipment's and a veterinary care reference library.
----	--------------	--	------------------------	------------	---

12. Visitors facilities

17	10.12(2)	The Zoo should have First aid kit and snake anti venom serum and lifesaving drugs in the zoo campus.	With immediate effects	March 2016	The First-Aid kit is now made available in the zoo and snake anti venom serum will not be provided by the Govt. Hospitals concerned.
18	10.12(3)	The visitor's path at the zoo should be modified to facilitate wheel chair bound visitors to visit the animal enclosures.	Immediately	March 2016	This work will be completed within 3 months with the available funds under Non-Plan.

Rule 11. Maintenance of Records and submission of Inventory

19	11.1	The Zoo operator should submit Quarterly inventory to the CZA. It should be submitted promptly Within 15 days from end of the each quarter.	Immediately	March 2016	The CZA evolution team's instructions are noted and will be strictly adhered.
----	------	---	-------------	------------	---

Others

20		There has been electric line passes through the zoo as part of hill tribal helmet. It needs to be laid properly looking in to the safety of animals And visitors of the Zoo.		March 2016	The CZA evolution team's instructions will be strictly adhered.
21		The Zoo has been burning the leaf litter inside the animal enclosure. It should be stopped immediately.		March 2016	The CZA evolution team's instructions will be strictly adhered.
22		The Zoo is located in Thellai RF may seek prior approval from F.C.Division of MoEF&cc under Forest (Conservation) Act,1980		March 2016	The CZA evolution team instruction will be strictly adhered.


 FORESTRANGE OFFICER
 AMIRTHI RANGE.
 AMIRTHI

27. List of free living wild animals within the zoo premises

a. Mammals

1. Indiargar
2. Spotted Deer
3. Monkey
4. Bonnet Macaque
5. Bats (Fruit eating)
6. Small Rodents

b. Birds

White throated kingfisher, Indian paradise flycatcher, Black drongo, Spotted owlet, Jungle owlet, White rumped shama Indian scops, owl, Shikara, Crested serpent eagle, Asian Palm swift, Indian peafowl, Rock pigeon, Common hawk, cuckoo

c. Reptiles:

1. Indian Python,
2. Cobra .
3. Russell Viper
4. Monitor Lizard,
5. Star tortoise

