

GUINDY CHILDREN'S PARK

Chennai – Tamil Nadu



Annual Report for the year

2018 – 19

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1. REPORT FROM THE WILDLIFE WARDEN

Guindy Children's Park is located in the heart of Chennai Metropolitan city adjacent to Guindy National Park. It was inaugurated by then Prime Minister Sh.Jawahar Lal Nehru in 1959 with an objective to promote conservation awareness and a learning centre in the natural space of Guindy National Park. This Mini Zoo is pride of Capital City and has a footfall of about 8-9 lakh visitors per year which indicates that, it is most sought after location for a day-off with family.

The 22 acre lush green zoo campus has indigenous species of Eastern and Western Ghats besides very few avian exotics. Though the area of the Zoo is very small, the Zoo inmates have been housed with much space to visualise them safely. As per CZA suggestion, the Zoo, mostly prioritizes ex-situ conservation of lesser fauna of Tamil Nadu in the animal collection plan. The management has given importance to the zoo animal care round the year with a dedicated team. Proposal for establishment of Preliminary Veterinary Care centre has been approved for the Zoo and Government Order is awaited.

The Zoo is functioning under the ambit of CZA as Mini Zoo with recognition vide F.No.19/93-CZA(243)/386/2016 dated 04.03.2016.

The year 2018-19 was a significant year for the overall improvement of the Guindy Children's Park Zoo. Under the State Funds from the scheme "Restoration of Damages due to Vardah Cyclone in AAZP and Guindy Children's Park" vide G.O.(D) No.207 dated 23.07.2018, remarkable improvement works were carried out in the Zoo. 10 enclosures were extended and improved, sanitation facilities were improved, ticket counters were renovated, main entrance and Zoo entry were modified with innovative embossed wildlife art & wild animal models, new OHT was formed for improved water supply, inner approach road, outer quarantine road was re-laid and rain water harvesting structures were formed. Zoo signages were improved for better zoo education and new natural direction boards were placed. Enrichment of the improved enclosures and release of animals will definitely be a refreshing change to zoo animal in more spacious enclosures meeting the psychological and physiological requirements for a comfortable housing.

The year also saw an increase in nature education programmes for the students. The spacious audio visual hall, conference hall is being used for the sessions besides guided walk in the Zoo. Few programmes were conducted in co-ordination with Snake Park Trust under the "Captive to Wild" theme and with WWF India too covering Zoo and Guindy National Park. More than 80000 students have visited the park and have been part of different programmes.

Sd//C.H.Padma, IFS
Wildlife Warden
Wildlife Division, Chennai

2. History of the Zoo

Guindy National Park is situated in Mambalam – Guindy Taluk of Chennai District in the South - West part of Chennai City. Prior to 1958, the whole area was Guindy Park R.F and was under the control of Raj Bhavan. Later on, the then Governor of Tamil Nadu offered to relinquish about 400 ha of the Guindy Reserve Forest which was under the management of Raj Bhavan in order to reduce the cost of maintenance and to contribute to the public amenities. While accepting the proposal, the then Prime Minister Pandit Jawaharlal Nehru suggested that the area should be preserved and a small part of it should be developed into a Children’s Park. He wished that the Children should play in a natural environment thus growing up in to individuals who appreciate nature. The area was taken over for management by Forest Department in the year 1958. A Children’s Corner was created as per the wish of the then Prime Minister **Pandit Jawaharlal Nehru** and it was inaugurated by him in 1959. It is maintained as an ex-situ conservation centre in natural wooded surroundings to provide a healthy atmosphere for children to play-in and learn more about nature and wildlife, as well as centre for ex-situ conservation of noted species of Eastern and Western Ghats.

3. Vision

1. Ex-situ Conservation of primates, birds, reptiles and other representative lower fauna of Eastern and Western Ghats.
2. To create an opportunity for zoo education and conservation awareness in the metropolitan city of Chennai besides retaining the historical tag of Children’s Park.
3. Strengthen linkage between ex-situ and in-situ conservation.
4. To focus on scientific health care of zoo animals and temporary rehabilitation of rescued Urban wildlife in and around Chennai.

4. Mission

- To serve as an excellent ex-situ conservation centre of primates, birds, reptiles and other representative lower fauna of the State of Tamil Nadu in the historical Children’s Park.
- To conduct series of Zoo education and awareness programmes for young minds and interested public with focus on interpretive and demonstrative leaning experiences.
- To ensure better facilities and temporary rehabilitation for rescued animals in and around Chennai city along with Veterinary care.

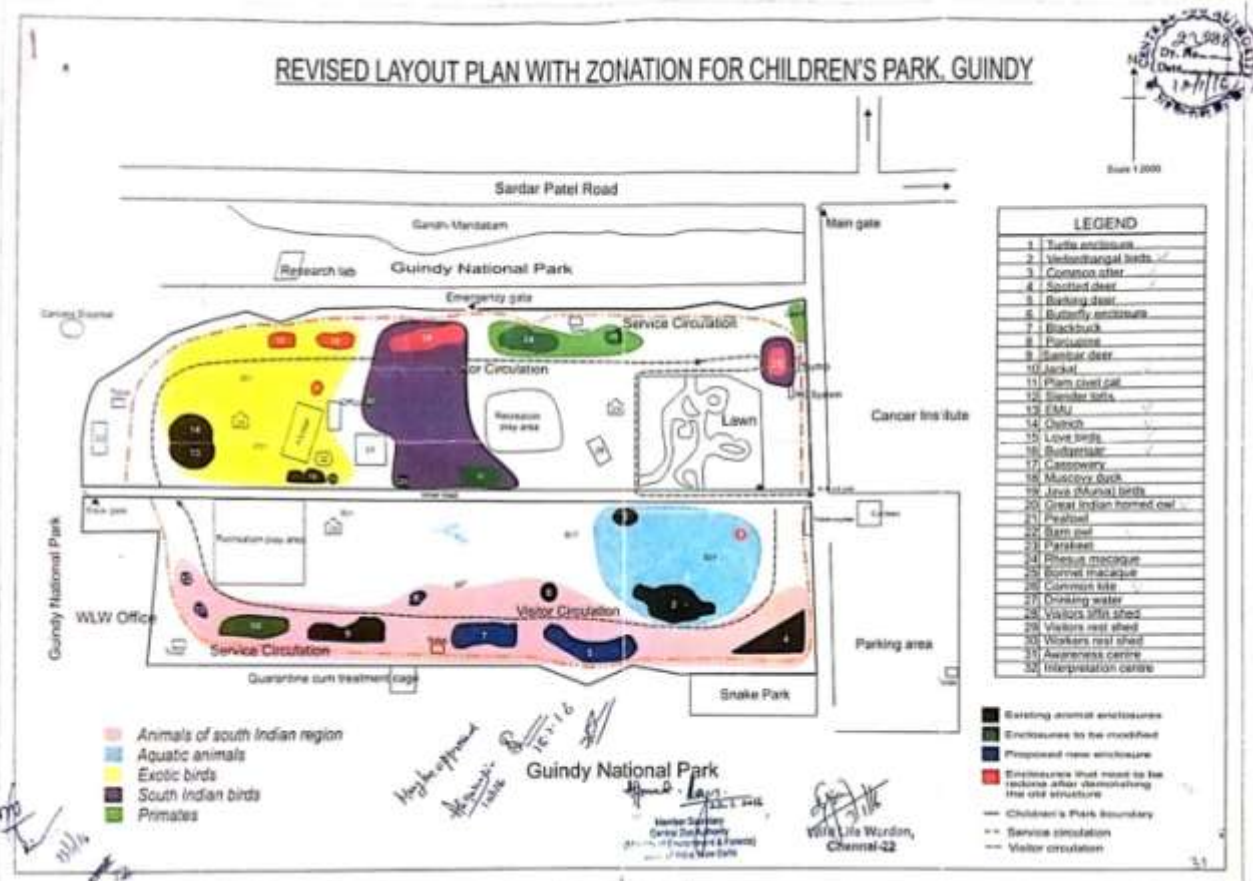
5. Objective

The main objectives of management of the zoo are as follows:

1. To strengthen ex-situ conservation efforts for ensuring viable population of various species of smaller mammals, reptiles and birds in the zoo.
2. To educate and inspire zoo visitors on wildlife conservation, empathy for wild animals and appreciate ecological linkages.
3. To provide opportunities for ex-situ breeding of wild animals and build up their stock.
4. To promote zoo as a centre of conservation education by promoting series of visits, interpretation programmes and enhance awareness regarding ex-situ and in-situ conservation.
5. To provide opportunities for scientific observations, studies and creation of scientific database.
6. To cater as temporary rescue centre for orphaned, injured and rescued lesser animals in and around Chennai.

APPROVED LAYOUT PLAN WITH ZONATION FOR GUINDY CHILDREN'S PARK (Mini Zoo)

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6. About Us

Sl. No.	Particulars	Information
Basic Information about the Zoo		
1	Name of the Zoo	Guindy Children's Park
2	Year of Establishment	1959
3	Address of the Zoo	Guindy Children's Park, Guindy National Park campus, Sardar Patel road, Raj Bhavan Post, Chennai- 600 022.
4	State	Tamil Nadu
5	Telephone Number	044-22351471
6	Fax Number	Nil
7	E-mail address	wlwchennai@yahoo.co.in
8	Website	-
9	Distance from nearest	Chennai Airport : 10 Km Guindy Railway Station : 2.5 Km Gandhi Mandapam Bus Stop : 0.2 Km
10	Recognition Valid up to (Date)	20.01.2019
11	Category of zoo	Mini Zoo
12	Area (in Hectares)	22 acres
13	Number of Visitors (Apr 2018- Mar 19)	Adults : 627332 Nos
		Children's : 227762 Nos
		Total : 855094 Nos (<5 years) : 51822 Nos Total Visitor's : 906916 Nos
14	Visitors' Facilities Available in Zoo	Interpretation centre, Wildlife Awareness Centre with sound and light show, Signage's, Zoo Map, R.O Water, First Aid sector, Visitor's Resting Area, Rest sheds, wheel chair support, improved sanitary facilities, canteen, SHG Sale unit and extended parking zone.

Sl. No.	Particulars	Information	
15	Weekly Closure Day of the Zoo	Tuesday	
Management Personnel of the zoo			
16	Name with designation of the Officer in-charge	Up to 30.05.2018	Thiru. V.Mohan FRO/ Superintendent
		31.05.2018 to 31.03.2019	Thiru. T.Murugesan FRO/ Superintendent
	Name of the Veterinary Officer	Dr. Boon	
	Name of the Curator	Up to 25.04.2018	Tmt. K.Geethanjali, I.F.S., Wildlife Warden, Chennai.
		26.05.2018 till date	Tmt. C.H.Padma, I.F.S., Wildlife Warden, Chennai.
	Name of the Biologist	Thiru. N.Baskar	
	Name of the Education Officer	Thiru. N.Baskar	
	Name of the Compounder/ Lab Assistant	Presently, no sanctioned posts.	
Owner / Operator of the Zoo			
17	*Name of the Operator	Tmt. C.H.Padma, I.F.S., Wildlife Warden, Chennai.	
18	Address of the Operator	Guindy Children's Park, Sardar Patel Road, Rajbhavan Post, Chennai – 600 022.	
19	Contact details / Phone No. of Operator	044-22351471	
20	E-mail address of Operator	wlwchennai@yahoo.co.in	

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

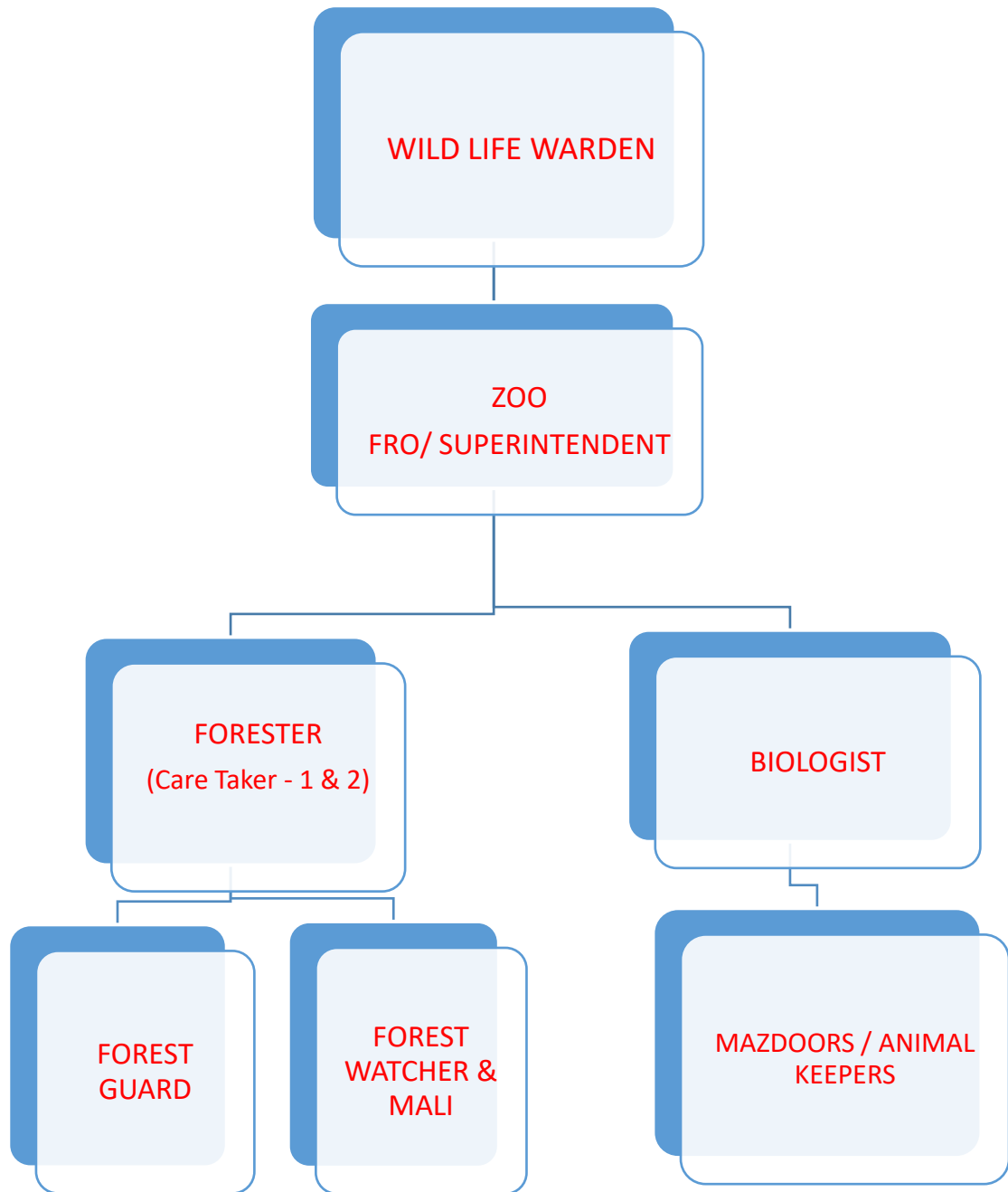
“Zoo Operator” means the person who has ultimate control over the affairs of the zoos provided that_____

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

7. Organizational Chart



8. Human Resources

Manpower of the Zoo

Sl. No.	Designation	Number of Sanctioned Posts	Number of the incumbent
1.	Wildlife Warden	1	1
2.	Zoo FRO / Superintendent	1	1
3.	Biologist	1	1
4.	Forester / Care Taker	2	2
7.	Junior Assistant	1	1
9.	Forest Guard	1	1
10.	Forest Guard cum Driver	1	1
11.	Tally Clerk	1	1
13.	Mali	2	2
14.	Office Assistant	1	0
15.	Night Watchman	1	1
16.	Driver	1	0
17.	Plumber	1	0
18.	Electrician	1	0
19.	Carpenter	1	0
20.	Permanent Mazdoor	31	15
Total		48	27
Temporary Mazdoor / Animal Keepers		34	34

*Please give above mentioned information in respect of all zoo personnel, from the Officer in-charge up to 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	Thiru. T.Murugesan, FRO/Superintendent and Thiru. N.Baskar, Biologist	Session on Zoo and Wild animal anaesthesia	22.06.2018	Advanced Institute for Wildlife Conservation (Research, Training & Education) - AIWC, Vandalur, Chennai

2	Thiru. M.Kanniyapan, Forester / Care Taker	Forester Training (6 months)	16.07.2018 to 11.01.2019	T.N.Forest Training College, Vaigai Dam, Tamil Nadu.
3	Thiru. N.Baskar, Biologist	Training of Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA)	19.07.2018 & 20.07.2018	Madras Veterinary College, Veppery, Chennai.
4	Tmt.C.H.Padma, IFS Wildlife Warden	Personal & Employee Satisfaction	28.08.2018 To 29.08.2018	Administrative Training Institute, Kolkata
5	Tmt. C.H.Padma, I.F.S., Wildlife Warden.	IFS. Officers – Mid Career Training	10.09.2018 to 07.10.2018	Indira Gandhi National Forest Academy, Dehradun.
6	Thiru. G.Elumalai, Forest Guard with D.L	Forest Fire Management	18.02.2019 & 22.02.2019	Tamil Nadu Forest Academy, Coimbatore.
7	Thiru. S.Moses, Forest Guard	Forest Fire Management	25.02.2019 & 01.03.2019	Tamil Nadu Forest Academy, Coimbatore.
8	Thiru. N.Baskar, Biologist	Zoo Middle Level Officers training	15.03.2019 & 16.03.2019	Central Zoo Authority, New Delhi
9	Thiru.B.Sambath Kumar, Permanent Mazdoor	“Specialized theme based training programme for zoo keepers”	18.03.2019 to 22.03.2019	Nehru Zoological Park, Hyderabad

Sl. No.	Name and designation of the zoo personnel	Subject matter of Training	Period of Training	Name of the Institution where the Training attended
1st - Batch		“Zoo Keepers Training” (AIWC)	15.10.2018 to 17.10.2018	Advanced Institute for Wildlife Conservation (Research, Training & Education) Vandalur, Chennai.
10	R.Ezhilarasan			
	E.Balan			
	B.Sambathkumar			
	S.Visaravel			
	E.Harikrishnan			
	K.Rajaram			

2nd - Batch		“Zoo Keepers Training” (AIWC)	24.10.2018 to 26.10.2018	Advanced Institute for Wildlife Conservation (Research, Training & Education) Vandalur, Chennai.
11	B.Sundarajan			
	V.Gopalakrishnan			
	B.Kanagavalli			
	E.Hariharan			
	K.Saravanan			
	R.Devaraj			
3rd - Batch			28.11.2018 to 30.11.2018	
12	R.Gangadaran			
	R.Premkumar			
	D.Kannan			
	D.Nishanth			
	R.Kirijoshraj			

10. Zoo Authority of Tamil Nadu (ZAT)

	Date of constitution	:	03.12.2014
	Chairman	:	The Honourable Chief Minister of Tamil Nadu
	Vice Chairman	:	The Honourable Minister of Forests
	Members	:	Chief Secretary, Government of Tamil Nadu
		:	Additional Chief Secretary – Finance Dept.
		:	Additional Chief Secretary - Animal Husbandry Dept.
		:	Principal Secretary, Environment & Forest Dept
			Principal Chief Conservator of Forests (Head of Department)
		:	Principal Chief Conservator of Forests and Chief Wildlife Warden
		:	ZAT Director- Arignar Anna Zoological Park, Vandalur, Chennai
		:	Vice Chancellor, Tamil Nadu Veterinary College, Chennai.
		:	Director of Environment, Govt of Tamil Nadu.
		:	Commissioner, Department of Tourism, Chennai.
	Member Secretary	:	Additional Principal Chief Conservator of Forests and Director, Arignar Anna Zoological Park, Vandalur.
	Date on which General Body Meeting held during the year - 24.07.2018		

11. Health Advisory Committee :

As such Health Advisory Committee is yet to be constituted for Guindy Children's Park. However, Wildlife Warden, Wildlife Biologist, Wildlife Veterinary officers and Medical Doctors from Apollo Hospital, Chennai keep meeting frequently and measures for up keep of enclosure animals and measures for health care of Zoo personnel are in place time to time.

12. Statement of income and expenditure of the Zoo**INCOME**

SI No.	Revenue Details	Amount (in lakhs)
1	Entry ticket, camera, movie camera etc.,	155.323
2	Canteen Lease (Including Parking, Toilet Lease)	57.20
3	Snake Park lease	0.0024
4	TANTEA – SHS Profit 10%	0.27
5	TNCDW Outlet –Profit 10%	0.295
6	EB & Water Charges from leased outlets	2.540
7	Interest Amount from Operating Account	1.634
8	Take Over from Additional Account Closure	1.811
9	CSR	5.00
10	Rest House Rent	0.20
11	Tender Schedule	0.72
12	Contractor's Late Fine Amount	0.05
13	Others	1.503
Total		226.548

EXPENDITURE

Sl. No.	Head of Account	APO Allotted Rs. in lakhs	Expenditure Rs. in lakhs
1	Feed	64.00	61.72
2	Wages to casual labourers	63.00	59.47
3	Office maintenance	11.00	10.99
4	Maintenance of animal houses, lawns, roads, fodder plots, drainage, water supply lines, compound walls, electricity charges etc.,	80.00	79.22
5	Maintenance of Visitors Amenities	10.00	8.24
6	Machinery and Equipment	8.00	7.68
7	Medicine	4.00	2.87
8	Capital Outlay Expenditure	60.00	28.36
Total		300.00	258.55

13. Daily Feed Schedule of animals:

Sl. No.	Species	Feed item	Quantity		Day of fasting
			Winter	Summer	
1-2	Rhesus macaque and Bonnet macaque				
	Perishable	Banana	4nos	4nos	
		Guava	1no	1no	
		Bread	4nos	4nos	
		Carrot	50gm	50gm	
		Cabbage	50gm	50gm	
		Greens	100gm	100gm	
		Sathukudi/ Orange/Mango	1no	1no	
		Green grapes	50gm	50gm	
		Seasonal Fruits	50gm	50gm	
	Non Perishable	Bengal gram	15gm	15gm	
		Rice	25gm	25gm	
		Ground nut	25gm	25gm	
		Soya bex	20gm	20gm	
		Honey	10ml	10ml	
		Egg	1no	1no	
3	Common Langur				
	Perishable	Banana	4nos	4nos	
		Guava	1no	1no	
		Bread	4nos	4nos	
		Carrot	50gm	50gm	
		Cabbage	50gm	50gm	
		Greens	100gm	100gm	
		Sathukudi/ Orange/Mango	1no	1no	
		Green grapes	50gm	50gm	
		Seasonal Fruits	50gm	50gm	
	Non Perishable	Bengal gram	15gm	15gm	
		Rice	25gm	25gm	
		Ground nut	25gm	25gm	
		Soya bex	20gm	20gm	
		Honey	10ml	10ml	
		Egg	1no	1no	
4	Ostrich				
	Perishable	Greens	500gm	500gm	
	Non Perishable	Bengal gram	500gm	500gm	
		Broiler Finisher	2.000Kgs	2.000Kgs	
5	Jackal				
		Beef with bone	1.500kg	1.500kg	
		Liver	100gm	100gm	
6 - 8	Black buck, Spotted deer and Barking deer				
	Perishable	Cabbage	150gm	150gm	
		Greens	250gm	250gm	
	Non Perishable	Bengal gram	50gm	50gm	
		Salt	10gm	10gm	
		Groundnut cake	50gm	50gm	
		Cattle feed	500gm	500gm	
		Wheat bran	500gm	500gm	
		Green grass	3.000kg	3.000kg	

10	Sambar deer				
	Perishable	Cabbage	250gm	250gm	
		Greens	500gm	500gm	
	Non Perishable	Bengal gram	150gm	150gm	
		Salt	20gm	20gm	
		Groundnut cake	250gm	250gm	
		Cattle feed	1.500Kg	1.500Kg	
		Wheat bran	1.500Kg	1.500Kg	
		Green grass	15.000kg	15.000kg	
11	Palm Civet cat				Tuesday
		Beef	300gm	300gm	
	Perishable	Banana	2 Nos	2 Nos	
		Bread	2 nos	2 nos	
		Milk	50ml	50ml	
12	Indian porcupine				
	Perishable	Banana	4Nos	4Nos	
		Tapioca	100gm	100gm	
		Carrot	100gm	100gm	
		Cabbage	100gm	100gm	
	Non Perishable	Rice	100gm	100gm	
		Ground nut	50gm	50gm	
		Soyabex	20gm	20gm	
13 - 14	Peafowl and White Peafowl				
	Perishable	Cabbage	25gm	25gm	
		Greens	100gm	100gm	
		Onion	100gm	100gm	
	Non Perishable	Bengal gram	50gm	50gm	
		Mixed grains	25gm	25gm	
		Ground nut	50gm	50gm	
		Paddy	100gm	100gm	
		Green gram	25gm	25gm	
		Broiler finisher	200gm	200gm	
		Garlic	10gm	10gm	
		Shell grit	10gm	10gm	
15 – 23	Rosy pelican, Grey Pelican, Grey heron, Little egret, Cattle egret, Night heron, Painted stork and White ibis				
		Fish	200gm	200gm	
24	Grey Pelican				
		Fish	500gm	500gm	
25	Rosy pelican				
		Fish	1.000Kg	1.000Kg	
26	Common Indian kite				
		Beef	500gm	500gm	
		Chicks	2 nos	2 nos	
27-28	Budgerigars/Munia				
	Perishable	Greens	10gm	10gm	
		Papaya	10gm	10gm	
	Non Perishable	Bengal gram	5gm	5gm	
		Mixed gram	10gm	10gm	
		Thinai	10gm	10gm	
		Shell grit	2gm	2gm	
		Green gram	5gm	5gm	

29-34	Rosy ringed parakeet, Alexandrine parakeet, Lorikeet			
	Perishable	Guava	½ no	½ no
		Apple	¼ no	¼ no
		Bread	½ no	½ no
		Carrot	10gm	10gm
		Greens	10gm	10gm
		Sathukudi/ Orange/Mango	25gm	25gm
		Chilly fruit	5gm	5gm
	Non Perishable	Bengal gram	10gm	10gm
		Mixed grains	10gm	10gm
		Paddy	10gm	10gm
		Ground nut	20gm	20gm
		Green gram	10gm	10gm
		Garlic	5gm	5gm
		Sunflower seeds	10gm	10gm
35	Cockatiel			
	Perishable	Greens	10gm	10gm
		Onion	10gm	10gm
	Non Perishable	Bengal gram	10gm	10gm
		Mixed grains	10gm	10gm
		Green gram	10gm	10gm
		Shell grit	2gm	2gm
		Thinai	10gm	10gm
36	Barn Owl			
		Beef	250gm	250gm
		Live chick	2nos	2nos
37	Love birds			
	Perishable	Banana	¼ no	¼ no
		Apple	¼ no	¼ no
		Greens	10gm	10gm
		Onion	10gm	10gm
	Non Perishable	Bengal gram	10gm	10gm
		Mixed grains	10gm	10gm
		Thinai	10gm	10gm
		Shell grit	2gm	2gm
38	White goose			
	Perishable	Carrot	25gm	25gm
		Cabbage	25gm	25gm
	Non Perishable	Paddy	100gm	100gm
		Bengal gram	25gm	25gm
		Wheat bran	50gm	50gm
39	Indian horned owl			
		Beef	250gm	250gm
		Live chick	2nos	2nos
40	Muscovy duck			
	Perishable	Carrot	25gm	25gm
		Cabbage	25gm	25gm
	Non Perishable	Bengal gram	25gm	25gm
		Paddy	100gm	100gm
		Wheat bran	50gm	50gm
41	Emu			
	Perishable	Tomato	100gm	100gm
		Green banana	2nos	2nos
		Milk(Boiled)	150ml	150ml

	Non Perishable	Rice	250gm	250gm	
		Green gram	250gm	250gm	
		Broiler finisher	250gm	250gm	
		Wheat (soaked)	250gm	250gm	
42	Cassowary				
	Perishable	Tomato	250gm	250gm	
		Green banana	2nos	2nos	
		Papaya	500gm	500gm	
		Pineapple	500gm	500gm	
		Guava	10nos	10nos	
		Milk(Boiled)	300ml	300ml	
	Non Perishable	Rice(cooked)	500gm	500gm	
		Maize	250gm	250gm	
		Wheat (soaked)	250gm	250gm	
43-44	Indian Cobra and Russels viper				
		Live chick (weekly once)	3nos	3nos	
45	Rat snake				
		Live chick (weekly once)	3nos	3nos	
46-47	Checkered keel back and Sand boa				
		Live chick (weekly once)	1no	1no	
48	Indian rock python				
		Live chicken (Monthly twice)	1Kg	1Kg	
49	Marsh Crocodile				Tuesday
		Beef with bone	500gm	500gm	
		Fish (Weekly once)	50gm	50gm	
50	Star tortoise				
	Perishable	Carrot	30gm	30gm	
		Cabbage	30gm	30gm	
		Tomato	30gm	30gm	
		Greens	50gm	50gm	
51	Pond turtle				
	Perishable	Carrot	30gm	30gm	
		Cabbage	30gm	30gm	
		Tomato	30gm	30gm	
		Greens	50gm	50gm	

14. Vaccination Schedule for the selected species in captivity

Sl. No.	Name of the Species	Vaccine	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec
1.	Jackal	DHPPI						***						
2.	Ungulates	Trivac: FMD, Haemaorrhagic Septiceimia, Black Quarter.						***						

The scheduled drugs will be administered during the monsoon for the selected species to maintain their health status.

De-worming is specifically done after faecal sample is found positive for endoparasitic eggs.

Rotational drugs are used to avoid resistance.

In special cases faecal culture is done to identify species specific worms.

**15. FAECAL SCREENING / DEWORMING SCHEDULE OF ANIMALS
GUINDY CHILDREN'S PARK**

Sl. No.	Species to be De-wormed	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec
1.	Rhesus macaque	***			***			***			***		
2.	Bonnet macaque		***			***			***			***	
3.	Common Langur			***			***			***			***
4.	Jackal	***			***			***			***		
5.	Black buck		***			***			***			***	
6.	Palm civet cat		***			***			***			***	
7.	Indian porcupine			***						***			***
8.	Tortoise / Turtle / Terrapin		***			***			***			***	
9.	Deer Spp			***			***			***			
10.	Peafowl			***			***			***			***
11.	Snakes		***			***			***			***	
12.	Ostrich/Kite/Owl/Emu/Cassowary		***			***			***			***	
13.	Crocodiles	***			***			***			***		
14.	Ducks		***			***			***			***	
15.	Other Aquatic birds		***			***			***			***	

De-worming is specifically done after faecal sample is found positive for endo-parasitic eggs.

Rotation drugs are used to avoid resistance.

In special case faecal culture is done to identify species specific worms.

15. (1) De-worming Schedule of animals

Zoo Veterinarian generally follows a specific and strategic de-worming protocol. It is specific for type of animal, type of enclosure and viability. De-worming is also effected on faecal sample analysis report. But, first general de-worming schedule in Guindy Children's Park during 2018 is as below:

Sl. No.	Species	Drug used	Month
1.	Spotted deer	Male - (2 tablet) 150mg Albendazole Female - (1½ tablet) 150mg Albendazole	19.07.2018
2.	Blackbuck	Male - (2 tablet) 150mg Albendazole Female - (1½ tablet) 150mg Albendazole	19.07.2018
3.	Barking deer	Male - (2 tablet) 150mg Albendazole Female - (1½ tablet) 150mg Albendazole	19.07.2018
4.	Sambar deer	Male - (1 bolus 150mg Albendazole Female – (3/4 bolus tablet) 150mg Albendazole	19.07.2018
5.	Jackal	Male - (1 tablet) Ipraz Female - (1 tablet) Ipraz	19.07.2018
6.	Bonnet Macaque	Male – 1 tablet Ipraz Female – 1 tablet Ipraz	19.07.2018
7.	Rhesus Macaque	Male – 1 tablet Ipraz Female – 1 tablet Ipraz	19.07.2018
8.	Common Langur	Male & Female – 1 ½ tablet Ipraz	19.07.2018
9.	Palm civet cat	Male & Female – ½ tablet Ipraz	19.07.2018
10.	Porcupine	Male & Female – ½ tablet Ipraz	19.07.2018
11.	Love birds & Cockatiels	0.5ml of Albendazole liquid	31.07.2018
12.	Parakeets	0.75ml of Albendazole liquid	31.07.2018
13.	White goose & Muscovy duck	1 ml of Albendazole liquid	31.07.2018
14.	Peacock	1ml of Albendazole liquid	31.07.2018
15.	Kites /Owl	0.5 ml of Albendazole liquid	31.07.2018
16.	Stork	2 ml of Albendazole liquid in fish	31.07.2018
17.	Heron / Egret	1 ml of Albendazole liquid in fish	31.07.2018
18.	Pelican	2.5 ml of Albendazole liquid in fish	31.07.2018
19.	Budgerigars	0.25ml of Albendazole liquid in grain feed	31.07.2018
20.	Cassowary	5ml of Albendazole liquid in feed	31.07.2018
21.	Emu	7ml of Albendazole liquid in feed	31.07.2018
22.	Ostrich	10ml of Albendazole liquid in feed	31.07.2018
23.	Marsh Crocodile	1.5gm Albendazole	27.11.2018
24.	Cobra / Rat snake	150 gm Albendazole	27.11.2018
25.	Tortoise / Pond turtle	1 tablet every 10 tortoise	27.11.2018

16. Disinfection Schedule :

The Veterinarian, Biologists and the experienced animal keepers are following the prophylactic measures for the upkeep of good health status of zoo animals.

Regular - proper sanitation, usage of potassium permanganate regularly, carnivore feed dip in disinfectant, regular cleaning of enclosures, water troughs, feed trays, regular application of turmeric powder, lime, regular removal of left over feed and disposing, Periodical; Scraping of top soil.

Annual; Change of sand, white wash, painting, etc is practised strictly as part of dis-infection schedule of activities.

17. Health Check-up of employees for Zoonotic diseases :

Guindy Children's Park cares for health of its zoo workers. General Health Check up and monitoring camp was conducted for all the Zoo Personnel on 30.03.2019 in co-ordination with Lions Club and Apollo Hospitals group. The feedback has shown positive health status and no specific findings for the zoo personal. One the same day, a session on general hygiene was conducted to all the Zoo workers.



18. Development Works carried out in the zoo during the year

Sl. No	List of the Developmental work
1.	Re-modelling of Main Common Entrance of the park on Sardar Patel Road with Rock Arch and representative animal models.
2	Remodelling of old tiled entrance of the Zoo with Wildlife emboss art and Tree-through entry.
3	Repair and re-laying of Outer Approach Road up to parking area and Inner Roads.
4	Relaying of Outer Quarantine and Feed Supply road for the first time.
5	Improvement and Extension of more than 12 animal enclosures – Spotted Deer, Jackal, Pea fowl, Horned owl, Barn Owl, Black Kite, Love Birds, Budgerigar, Parakeets, Otter, Common Langur and Rhesus Macaque.
6	Quarantine facility for Herbivores set up separately and Treatment Cage improved.
7	Providing of new dome-type Solar Lights all around approach roads for safety.
8	Proactive measures taken to build new OHT with 20000 ltr capacity to replace the damaged OHT to provide uninterrupted water supply to enclosures and visitors.
9	Water Harvesting Structure formed inside the Zoo which would serve as ground water recharge resource for one of the main bore-wells.
10	Construction of Public Utility Room near ticket entry point.
11	Providing of top-net to the Sambar deer, Spotted Deer enclosure to bring down the crow menace and straying monkey menace.
12	Staff Rest Room renovated and separate Sanitation Facility created for Lady Workers.
13	Improvement of the administration office.
14	Improvement of open butterfly park by enrichment with lot of floral plants.
15	Two Battery Operated Tricycles procured for Zoo solid waste disposal at safe distance.
16	Camera Traps purchased to initiate various studies in the Zoo with Photo-documentation.
17	Guindy Children's Park Logo was developed for the 1 st time since its inception in 1959.
18	Holographic Art Tiger animation developed as new attraction to visitors and children.
19	More than 5000 students formed part of Zoo and Nature Education Programme.



Before & After; Horn Owl & Barn Owl Enclosures



Before & After; Rhesus Macaque Enclosure



Before & After; Common Langur Enclosure



Modified Enclosure for Jackal



Before & After; Main Entrance & Ticket Counter entrance of the Zoo



Newly Laid Quarantine Road and Rain Water Harvesting Structure

19. EDUCATION & AWARENESS PROGRAMMES

Guindy Children's Park has always been most sought after location for students in Chennai. It is part of Nature Education programme for most of the schools. The year 2018-19 sets a new mark by drawing 1153 schools to the Zoo. More than 80000 students have visited Guindy Children's Park. During their visit, apart from guided visit to the Park, on spot Zoo Education Sessions have been conducted for the students for 15-30 minutes based on the category and age group of students.

Further, full day programme with Zoo Education programme in Guindy Children's Park and Nature Trails in Guindy National Park have been conducted based on request by certain schools/colleges/institutions and for the selected Govt Schools in co-ordination with WWF, India.

During the full day programme, apart from guided walk through Zoo, interaction with Zoo keepers, uniform staff managing zoo is arranged. Also added are conservation classes through stage drama. Later, the target group is taken for nature trail in Guindy National Park and explained about the importance of ex-situ and in-situ conservation.

The list of full day Education & Awareness Programmes conducted is as below;

Combined Full Day Education & Awareness Programmes in GCP & GNP;

Sl No	Date	Institution Particulars	Number	Remarks on Spl Events
1	17.04.2018	Summer Camp Students	36	Captive to Wild programme by Snake Park
2	24.04.2018	Summer Camp Students	40	Captive to Wild programme by Snake Park
3	05.06.2018	Chennai Corp School	40	Environment Day Awareness Prog
3	26.07.2018	Govt HSS Velachery	38	
4	27.07.2018	Govt School, Avady	29	
5	16.08.2018	Students through Pichandikulam Trust	18	
6	17.09.2018	Sri Narayana Mission Sr Sec School Chennai	85	
7	02.10.2018	Muruga Dhanuskodi HSS, Chennai.	150 (3 batches)	Zoo Education & Nature Trail Programme on the

		Dr.Ambedkar College Chennai. Guru Nanak College Women's Christian College, Chennai.		occasion of Wildlife Week.
8	05.10.2018	SBOA School & Junior College, Chennai	40	Zoo Education & Nature Trail Programme on the occasion of Wildlife Week.
8	08.10.2018	Meena Muthaih College. Velangani Matric School	100 (2 batches)	Zoo Education & Nature Trail Programme on the occasion of Wildlife Week.
9	17.10.2018	St.Theresa Mat. HSS Kasimedu	40	
10	24.10.2018	Chennai Middle School, Royapettah		
11	25.10.2018	Chennai Corporation School, Tiruvanmaiur	42	
12	26.10.2018	Govt Girls high School, Chennai	38	
13	28.11.2018	FRO Trainee's Uttarakhand	28	Zoo and National Park Orientation Schedule
14	21.12.2018	MOP College for Women, Nungambakkam	195 (4 batches)	Spl Orientation Session on Zoo and National Park Conservation importance in Chennai city.
15	22.12.2018	Meenatchi College, Kodambakkam	51	
16	28.12.2018	British Consulate Chennai	14	Zoo and National Park Exposure Programme
17	02.01.2019	Secretariat Officers, Chennai	31	Zoo and National Park Exposure Programme
18	03.01.2019	FRO Trainee's H.P	16	Zoo and National Park Orientation Schedule
19	09.09.2019	FRO Trainee's H.P	30	Zoo and National Park Orientation Schedule
20	17.01.2019	WII Trainees Dehradun	21	Zoo and National Park Management Orientation Schedule

21	18.01.2019	FRO Trainee's W.Bengal	13	Zoo and National Park Orientation Schedule
22	02.02.2019	American Consulate Chennai	22	Zoo and National Park Exposure Programme
23	05.02.2019	Vidyaniketan Ashoknagar	35	
24	27.02.2019	Vishnupriya Group Chennai	100	
25	03.03.2019	Annai Velaganni HSS	50	Wildlife Day Conservation Awareness Programme
26	21.03.2019	Nehru School, Velachery. Navabharati School Kodambakkam	115	Awareness Programme on International Day of Forests

GLIMPSES OF EDUCATION & AWARENESS PROGRAMMES



Wildlife Week Celebration 2018



19. Important Events and happenings:

Wildlife Week Celebration October 2nd – 8th 2018

Guindy Children's Park is the nodal centre for celebration of District level events and State level events with respect to Wildlife Week every year. All wildlife awareness events like Drawing and Painting competitions, Elocution, Quiz for Chennai district as well as State Level events were conducted in Guindy Children's Park in Zoo auditorium and conference hall.

State level Valedictory Event of Wildlife Week Celebration 2018 was conducted in Guindy Children's Park. Hon,ble Minister of Forests & Hon,ble Minister for Rural Industries presided over the event and various events for wildlife awareness was conducted on stage for students, students were encouraged with prizes for district level and state level events. Principal Secretary, E&F Dept, PCCF, CWLW and all senior officers of the Department participated in the event and guided participating students on importance of wildlife conservation.

International Day of Forests March 21st 2019

International Forest Day State Function was celebrated at Guindy Children's Park Zoo Auditorium on 21.03.2019. Planting programme was carried out by all the senior officers of the Dept in the Zoo campus. Students and all participants were given seed balls and plants as part of Conservation memento's.

Zoo education programme and nature trail for Arignar Anna Zoological Park Zoo student Ambassadors was conducted by Guindy Children's Park and Guindy National Park. AAZP "You Tube" channel was launched to explore the wildlife diversity of Vandalur zoo. Eco Education and Awareness Sessions were conducted for students and teachers of Nehru Matriculation and Higher Secondary School, Velachery and Navabharathi Matriculation School – Kodambakkam.

Resource person Dr. P.Narasimham, Dr. Ranjith Daniel, Care Earth, and Dr. Sarath from Gandhi Gramam University, Dindugal- Tamil Nadu shared their thoughts on the session on Forest and Wildlife conservation.

Glimpses of Celebration of International Day of Forests in Guindy Children's Park



20. Seasonal Special Arrangements For Upkeep Of Animals

1. More than 10 enclosures made more spacious for the respective zoo animals and birds.
2. Prophylactic disinfection schedule for monsoon management of captive population.
3. Seasonal fruits supply for the zoo inmates.
4. Additional thatched sheds & shade nets to enclosures as summer management practice to provide relief from heat.
5. Variable Temperature arrangements for snakes.
6. Sprinkling of water in all enclosures during peak summer days.

21. Research Work carried out and publications:

1. Morphological and behavioural observation of Star tortoise (*Geochelone elegans*) at Guindy Children's Park, Chennai – **B.Deepalakshmi, Nigar Fathima, G.Durga and E.Nishanthi.** (Ethiraj College for women) Chennai.
2. Morphological and behavioural observation of Barking Deer (*Muntiacus muntjak*) at Guindy Children's Park, Chennai – **K.Vishali, Lakshmi Priya Mohan, M.Priya Dharshini and P.K.Nandhini.** (Ethiraj College for women) Chennai.
3. Morphological and behavioural observation of Jackal (*Canis aureus*) at Guindy Children's Park, Chennai – **P.Divya lakshmi, S.Vaishnavi and N.A.Akshaya** (Ethiraj College for women) Chennai.

22. Conservation Breeding Programme of the Zoo

Guindy Children's Park is a mini zoo acting mainly as Wildlife Education and Awareness Centre. The Zoo has collection of lesser fauna of Tamil Nadu and good collection of avi fauna which are not part of any conservation breeding programme. Still, normal breeding is noted in the following species;

Sl. No.	Name of the Species	Sl. No.	Name of the Species
1.	Rhesus macaque	9.	Star Tortoise
2.	Bonnet macaque	10.	Muscovy Duck
3.	Spotted deer	11.	Love birds
4.	Barking deer	12.	Cockatiels
5.	Sambar deer	13.	Emu
6.	Peacock	14.	Painted Stork
7.	Grey Pelican	15.	Night Heron
8.	Little Egret	16.	Russels Viper

23. 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
	Total 60 Animals mainly Parakeets rescued and reared in Zoo (List Enclosed in sl.no.24)				
B.	Animals exchange from the Zoo				
	H.NO.	Species	Number (M:F)	Going to which Zoo	Date of deposition from the zoo
	- NIL -				

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

The Zoo is acting as Temporary Rescue Centre to the straying urban wild animals. The wild animals, injured or rescued by public, H.Q Range Rescue team are temporarily housed in Temporary Rescue Centre and Treatment enclosures of Guindy children's Park and later, as per Veterinarian's suggestion, they are released back to wild or housed in the Zoo.

In total, 6351 number of Urban Wild life were rescued from Rescue Team, H.Q Range and were temporarily housed, treated in Rescue Centre enclosures of Guindy Children's Park and thereafter were released into the suitable wild habitat. Highest number of Rescue was that of Snakes followed by Monkeys, Birds and other animals.

Following is the abstract of Urban Wildlife which were rescued/ kept under observation/ treated/ rehabilitated during the year by H.Q Range Rescue Team in co-ordination with Guindy Children's Park team;

Sl No	Group / Species Rescued	Total Number	Rehabilitation Details
1	Snakes	2775	All the rescued wild animals shown in the column besides were kept under observation in Treatment area of Guindy children's Park, Temporary rescue enclosures in Velachery and Quarantine area of Guindy Children's Park and they were rehabilitated to the nearest RF areas by the Range Team as per suggestion of Veterinarian.
2	Monkeys	1455	
3	Parakeets	783	
4	Other Birds	533	
5	Spotted Deer	186	
6	Star Tortoise / Turtle Spp	567	
7	Other Animals (Monitor Lizard, Palm Civet, Hare, Mongoose, Porcupine, Slender Loris, Chameleon, etc	52	
	TOTAL	6351	

Further, 27 Parakeets which were 4-5 days old were rescued from being sold during the year and were treated in Guindy Children's Park treatment enclosure. They were hand reared and on development of feathers and found fit to take their feed and fly normally, are rehabilitated in Rescue enclosures of Guindy Children' Park. Likewise, injured animals/birds rescued by public & handed over to Guindy Children's Park were found to be unfit to be rehabilitated into wild and they are housed in rescue enclosures in the Park.

The details are as below;

Sl No	Species	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
			M	F	U	Total					
1	Palm Civet	10.04.2018	1	1		2	Public	Monthly/ Quarterly Reports	Rescued/ Received/ Treated / Housed in Rescue enclosures	Nil Among these.	They were received in injured condition or rescued while they were few days old. Most of them hand reared. Hence, cannot be rehabilitated into wild.
2	Red Eared Turtle	22.04.2018			1	1	Public				
3	Parrot(Green)	22.04.2018			2	2	Public				
4	Palm Civet	30.04.2018	1			1	Injured & rescue from GNP				
5	Black kite	02.05.2018			1	1	Public				
6	Sand Boa	03.05.2018			1	1	Public				
7	Munia's	08.05.2018			10	10	H.Q.Range				
8	Barn owl	22.05.2018			1	1	Public				
9	Common coot	08.06.2018			1	1	Public				
10	Parakeet	18.06.2018			1	1	Public				
11	Munia's	21.08.2018			10	10	H.Q.Range				
12	Parakeet	15.09.2018			7	7	Public				
13	Rose Ringed Parakeet	19.09.2018			10	10	H.Q.Range				
14	Myna	01.11.2018			1	1	Public				
15	Parakeet	09.12.2018			1	1	Public				
16	Parakeet	31.12.2018			1	1	Public				
17	Cockatiel	05.01.2019			1	1	Public				

18	Cockatiel	06.01.2019			2	2	Public				
19	Parakeet	19.01.2019			1	1	Public				
20	Parakeet	21.01.2019		1		1	Public				
21	Parakeet	14.02.2019			2	2	Public				
22	Hedgehog	15.02.2019			1	1	Public				
23	Parakeet	21.02.2019			1	1	Public				
	Total		2	2	56	60					

25. Annual Inventory of animals

Form – II
[See Rule 11(1)]
Part – A

Endangered Species (Schedule I & II)

Inventory Report for the Year: 2018-19**Mammals:**

Sl. No.	Animal Name	Scientific name	Opening Stock as on 01.04.2018				Births			Acquisition			Disposal			Death			Closing Stock as on 31.03.2019			
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
1	Black Buck -I	<i>Antilope cervicapra</i>	-	2	-	2	2	-	-	-	-	-	-	-	-	2	1	-	-	1	-	1
2	Rhesus Macaque	<i>Macaca mulatta</i>	7	3	-	10	-	-	-	-	-	-	-	-	-	-	-	-	7	3	-	10
3	Bonnet Macaque	<i>Macaca radiata</i>	1	1	-	2	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	2
4	Common Langur	<i>Seminopithecus entellus</i>	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1
5	Jackal	<i>Canis aureus</i>	4	1	-	5	-	-	-	-	-	1	1	-	-	-	-	-	3	-	-	3
6	Civet	<i>Paradaxurus hemaphroditus</i>	-	1	-	1	-	-	-	2	1	-	-	-	-	-	-	-	2	2	-	4
Total			13	8	0	21	2	0	0	2	1	0	1	1	0	2	1	0	14	7	0	21

BIRDS:

Sl. No.	<u>BIRDS:</u>	Scientific name	Stock 01.04.2018				Birth			Acquisition			Disposal			Death			Stock 31.03.2019			
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
1	Peacock	<i>Pavo cristatus</i>	5	3	-	8	-	-	-	-	-	-	-	-	-	-	-	-	5	3	-	8
	White Peacock - I		3	1	-	4	-	-	-	-	-	-	-	-	-	-	-	-	3	1	-	4
Total			8	4	0	12	0	0	0	0	0	0	0	0	0	0	0	0	8	4	0	12

REPTILES:

Sl. No.	Animal Name	Scientific name	Stock 01.04.2018				Births			Acquisition			Disposal			Death			Stock 31.03.2019					
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T		
1	Indian Rock Python-I	<i>Python molurus molurus</i>	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	
2	Reticulated Python-I	<i>Python reticulatus</i>	-	-	3	3	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	2	2	
3	Marsh Crocodile -I	<i>Crocodylus porosus</i>	1	1	-	2	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	2	
4	Spotted black terrapin-I	<i>Geoclemys hamiltoni</i>	-	-	13	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	13	
5	Cobra	<i>Naja naja</i>	-	-	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	
6	Russels viper	<i>Doboia russelii</i>	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	
7	Rat snake	<i>Ptyas mucosus</i>	-	-	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	
8	Checkered keel back	<i>Xenochrophis piscator</i>	-	-	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	
		TOTAL	1	1	29	31	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	28	30

ABSTRACT (Schedule I & II)

Sl. No.	Class	Opening stock as on 01.04.2018	Receipt	Disposal	Balance Stock as on 31.03.2019
1	Mammals	21	5	5	21
2	Birds	12	0	0	12
3	Reptiles	31	0	1	30
	TOTAL	64	5	6	63

10	Budgerigars	<i>Melopsittacus undulatus</i>	-	-	22	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	22
11	Parakeet	<i>Psittacula krameri</i>	-	-	39	39	-	-	-	-	-	10	-	-	-	-	-	-	-	-	49	49
12	Alexandrine Parakeet	<i>Psittacula eupatria</i>	-	-	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5
13	Cockatiel	<i>Nymphiacus hollandicus</i>	-	-	24	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	24
14	Barn Owl	<i>Tyto albo</i>	-	-	2	2	-	-	-	-	-	1	-	-	-	-	-	-	-	-	3	3
15	Love birds	<i>Agapornis fischeri</i>	-	-	12	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	12
16	White goose	<i>Ansex ansex</i>	-	-	21	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	21
17	Horned Owl	<i>Bubo bubo bengalensis</i>	-	-	2	2	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	1
18	Muscovy duck	<i>Cairina moschata</i>	-	-	5	5	-	-	6	-	-	5	-	-	-	-	-	-	-	-	16	16
19	Emu	<i>Dromaius novaehollandiae</i>	-	-	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4
20	Cassowary	<i>Casuarius casuarius</i>	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
21	Lorikeet	<i>Trichoglossus moluccanus</i>	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
22	Munias (java)	<i>Lonchura malabarica</i>	-	-	2	2	-	-	-	-	-	20	-	-	-	-	-	-	-	-	22	22
23	Ostrich	<i>Struthio camelus</i>	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
		TOTAL	1	1	271	273	0	0	6	0	0	37	0	0	0	0	0	1	1	1	313	315

REPTILES:

Sl. No.	Name of the Species	Scientific name	Stock 01.04.2018				Birth			Acquisition			Disposal			Death			Stock 31.03.2019			
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
1	Star Tortoise	<i>Geochelone elegans</i>	-	-	11	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	11
2	Indian Pond Turtle	<i>Melanochelys trijuga</i>	-	-	6	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6
3	Sand Boa	<i>Erix johnii</i>	-	-	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5
		TOTAL	0	0	22	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	22

<u>ABSTRACT (Other than Schedule I & II)</u>					
Sl. No.	Class	Opening stock as on 01.04.2018	Receipt	Disposal	Balance stock as on 31.03.2019
1	Mammals	34	11	1	44
2	Birds	273	43	1	315
3	Reptiles	22	0	0	22
	TOTAL	329	54	2	381

<u>TOTAL ABSTRACT</u>					
Sl. No.	Class	Opening stock as on 01.04.2018	Receipt	Disposal	Balance stock as on 31.03.2019
1	Mammals	55	16	6	65
2	Birds	285	43	1	327
3	Reptiles	53	0	1	52
	TOTAL	393	59	8	444

26. 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.	Black Buck	<i>Antilope cervicapra</i>	Male	29.07.2018	Pneumonia
2.	Black Buck	<i>Antilope cervicapra</i>	Female	27.11.2018	Pneumonia & Ruminal Impaction
3.	Black Buck	<i>Antilope cervicapra</i>	Male	28.11.2018	Granulomatous Pneumonia
4.	Reticulated Python	<i>Python molurus molurus</i>	Female	11.01.2019	Liver Abscesses
5.	Horned Owl	<i>Bubo bengalensis</i>	U/I	13.02.2019	Death might be due to shock
6.	Barking Deer	<i>Muntiacus muntjak</i>	Female	09.03.2019	Gross lesion are suggestive of septicaemia

27. Compliance with conditions stipulated by the Central Zoo Authority

Sl. No	Norm No. under RZR, 2009	Condition Stipulated (2016-17)	Time Period to Comply	Since when pending	Status with regard to compliance of the conditions
1	1(2)	Appropriate screening on approach road between Chennai Snake Park road / Spotted Deer enclosure at Children's Park by using plants.	6 months	March 2016	Complied with - Screening by raising vegetation.
2	1(2)	The Zoo should make effort to carry out plantation of suitable trees outside the animal exhibits, along visitors pathway to provide shade to visitors and for immersion effect.	6 months	March 2016	Complied with - Planting works carried out.
3	1(9)	Domestic Birds – Cockatiels should be removed.	Immediate	March 2016	Will be removed gradually since its one of the major attraction among birds.
4	2(2)	The Zoo should have a full time Veterinary Officer as per rules for day to day care.	6 months	March 2016	Estb of Prel Vet Care Centre approved by Hon,ble C.M in

					GBM. Govt Order awaited.
5	3(1)	The Zoo should get Master Plan approved by CZA immediately	Immediate	March 2016	Master Plan approved by CZA on 22.01.2016
6	3(5)	Toilet placed next to Black buck enclosure to be shifted to appropriate place.	3 months	March 2016	Toilet closed from usage.
7	4(3)	Cyclone Damaged Parapet wall towards visitor side at Spotted deer to be repaired.	Immediate	March 2016	Repair works carried out.
8	4(3)	All the aviaries should be made rodent proof.	Immediate	March 2016	All the aviaries are provided with rodent proof mesh.
9	4(3)	Rhesus enclosure enrichment to appear naturalistic and replacement with natural materials.	1 year	March 2016	Complied with - Enrichment with Bamboo, jute and other natural material.
10	4(3)	<u>Terrarium</u>			
		Increase the size of the Frog terrarium.	3 months	March 2016	Proposed
		Terrarium to have live plants	3 months	March 2016	Complied with
		All terrarium should contain signage.	3 months	March 2016	Complied with
11	4(3)	Provide Zoo circulation map. Like where are you, etc	3 months	March 2016	Placed at entrance
12		Snake House			
	4(3)	Signage should be provided at Snake house.	3 months	March 2016	Provided
	4(3)	Shade on top & barrier of shade glass to be cleaned regularly from inside.	3 months	March 2016	Provided
	4(3)	Plastic water trough inside Snake house to be replaced with earthen pot.	3 months	March 2016	Earthen pot provided
	4(3)	Periodical snake house substratum replacement	3 months	March 2016	Done regularly
	4(3)	Ensure safety with keeper gallery for Snake house.	3 months	March 2016	Safety wall constructed.
13	4(4)	Enlargement of peafowl aviary to meet out their biological requirement.	3 months	March 2016	Peafowl Enclosure extended and enriched.

14	4(5)	Mugger & Caiman to be shifted.	3 months	March 2016	Mugger will be shifted. Caiman is no more part of livestock.
15	4(5)	Enlargement of barn owl enclosure	6 months	March 2016	Barn Owl is no more part of Livestock. Enclosure enlarged.
16	4(5)	Jackal to be shifted from small enclosure to AAZP Vandalur	6 months	March 2016	Enclosure enlarged. Exchange Plan submitted.
17	4(5)	Vedanthangal aviary pillar colouration to be changed to Olive green.	6 months	March 2016	Olive Green colour painted.
18	4(6)	Replacing of plastic ladder in Parakeet enclosure and increase live plants.	3 months	March 2016	Rope ladder & Bamboo used as replacement and planting done.
19	4(9)	Change of animal keeper service gate for black buck, peafowl behind the cage.	3 months	March 2016	Service gate changed.
20	4(10)	Change of display board and signages which affect visitors view area.	3 months	March 2016	Signages and Boards changed
21	5(2)	Change of Plastic water trough in Sambar Deer enclosure	Immediate	March 2016	Replaced and wallowing point also formed.
22	9(3)	Cassowary should be paired	6 months	March 2016	Effort is in progress.
23	9(3)	Control of Sambar deer population	3 months	March 2016	Orders awaited for shifting of Sambar Deer to Amirthi Zoo.

28. List Of Free Living Wild Animals Within The Zoo Premises

a.	Mammals	1. Bonnet Macaque
		2. Mongoose
		3. Jackal
		4. Common Squirrel
		5. Bats (Fruit-eating)
		6. Small Rodents
b.	Birds	Coppersmith Barbet, Common Myna, Babblers, Indian Treepie, Paradise Flycatcher, Crow Pheasant, Spotted Owl, Painted Stork, Little Egret, Pariah Kite, Common Crow, Sparrow, White breasted Kingfisher, Asian Koel, Hoopoe, Red Vented Bulbul, etc.,
c.	Reptiles	1. Rat snake
		2. Monitor lizard
		3. Calotes
		4. Garden lizard
		5. Gecko
		6. Star Tortoise, etc.,

Few Initiatives & Measures Taken in Guindy Children's Park During the Year.

- Extended Eco Education Programmes from captive to Wild for students in and around Chennai in co-ordination with Snake Park.
- More than 80000 students have visited the Zoo during the current year and footfall has increased by 12% drawing more than 9 lakh visitors.
- Out of the State Govt funds received, most of the enclosures have been improved, extended, enriched and made more spacious. Quarantine road re-laid. Entrance of the Zoo is improved to give a grand entry.
- Enclosure Designs for most of the zoo inmates as per CZA norms has been approved by Central Zoo Authority.
- Plantation works has been continued extensively inside the Zoo to compensate the loss during Vardah Cyclone by giving importance to strong root system species to slide over such disaster damage in future, if any.
- Animal Keepers training extended to most all animal keepers & mazdoors.
- The Zoo effectively managed Holidays Crowd and Kanum Pongal crowd which crosses more than 35000 without any disturbance to the enclosure animals by deploying volunteers, additional man power, line department co-ordination.



MAP OF GUINDY CHILDREN'S PARK

1. SPOTTED DEER
2. AQUARIUM
3. VEDANTHANGAL BIRDS
4. SERPENTARIUM
5. COMMON OTTER
6. WILD DOG
7. BUTTERFLY HOUSE
8. PORCUPINE
9. EXOTIC BIRDS
10. REST SHED
11. SAMBAR DEER
12. PEA FOWL
13. PLAY GROUND
14. PLAY PEN
15. TOILET(81,85)

16. ELEPHANT MOAT
17. CACKATIEL
18. WATER TANK
19. AUDIO VISUAL HALL
20. BLACK BUCK
21. BARN OWL
22. INTERPRETATION CENTRE
23. OFFICE
24. MUSCOVY DUCK
25. PEA FOWL
26. BARKING DEER
27. TODDY CAT
28. HORNED OWL
29. PARAKEET
30. CROCODILE
31. BONNET MONKEY
32. LOVE BIRDS
33. NURSERY
34. BARKING DEER
35. PLAY GROUND
36. EMU, 36A CASSOWARY
37. PEA FOWL
38. FOSSIL
39. RHESUS MACAOUE
40. RING NECKED PARAKEET
41. SLIDINGTOWER
42. REST SHED (76,8,9)
43. REST SHED (76,8,9)
44. BLACK KITE