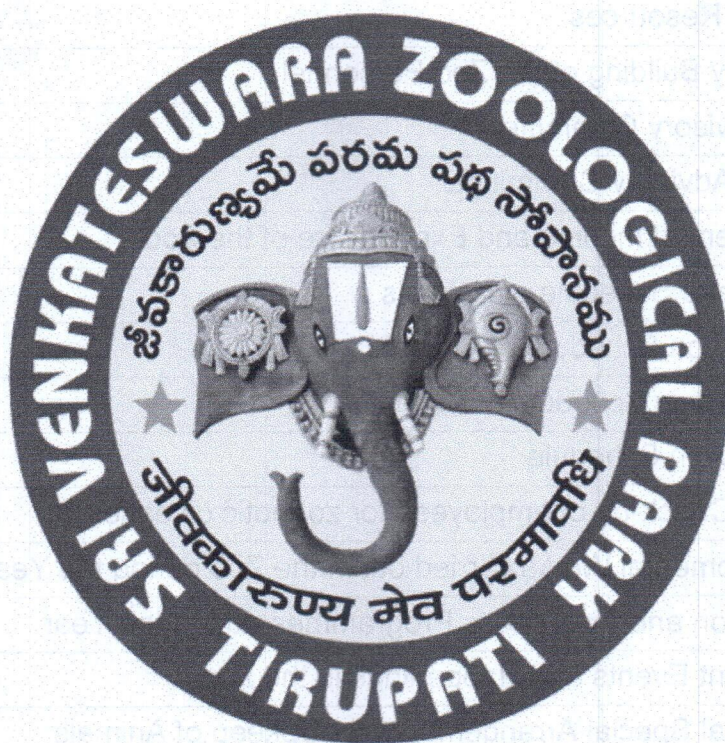


CONTENTS

SRI VENKATESWARA ZOOLOGICAL PARK, TIRUPATI.



ANNUAL REPORT FOR THE YEAR 2022 - 23

CONTENTS

Sl.No	Section	Page Number
1.	Report of the Officer-in-Charge	03
2.	History of the Zoo	04
3.	Vision	04
4.	Mission	04
5.	Objective	05
6.	About Us	05-07
7.	Organizational Chart	07
8.	Human Resources	09
9.	Capacity Building of the Zoo Personnel	10
10.	Zoo Advisory Committee	10
11.	Health Advisory Committee	11
12.	Statement of Income and Expenditure of the Zoo	12
13.	Daily Feed Schedule of Animals	13-27
14.	Vaccination Schedule of Animals	28
15.	De-Worming Schedule of Animals	29
16.	Disinfection Schedule	30
17.	Health Check-up of employees for zoonotic diseases	30
18.	Developmental Works carried out in the Zoo during the Year	31-35
19.	Education and Awareness Programmes during the Year	36-41
20.	Important Events and Happenings in the Zoo	41
21.	Seasonal Special Arrangements for Upkeep of Animals	42-43
22.	Research Work carried out and publications	43
23.	Conservation Breeding Programme of the Zoo	43
24.	Animal Acquisition / Transfer / Exchange during the Year	44
25.	Rescue and Rehabilitation of the Wild Animals carried out by the Zoo	44
26.	Annual Inventory of Animals	45-55
27.	Mortality of Animals.	56-58
28.	Status of the Compliance with Conditions stipulated by the Central Zoo Authority	59-63
29.	List of Free-Living Wild Animals within the Zoo Premises	64

1. Report of the Officer-In-Charge

Dear Readers,

Sri Venkateswara Zoological Park is being developed on Mythological theme, highlighting the role played by wild animals in the ancient scriptures. The Zoological Park was opened to the public on 30.4.1993. In the year 2017, it was recognised as a "Large Category Zoo" by the Central Zoo Authority as it had fulfilled the required norms. The Zoo Park houses 84 Species with a total of 1090 wild animals/birds/reptiles. This is a naturalistic Zoo with large and spacious enclosures located at the foothills of Seshachalam hill ranges.

The Zoo is one of the major tourist attractions in Tirupati city next to Tirumala Balaji Temple. It attracted around 8 lakh visitors during the year 2022-23. The annual visitor foot fall during the year 2022-23 (April 2022-March 2023) was 8,08,636 and the revenue generated was 7.12 Crore. Captive wild animals like Indian Bison, Black buck, Wild dog, Common Langur, Chinkara, Sambar deer, Spotted deer, Barking deer, Thamin deer, Grey Junglefowl, Black Swan etc., bred in the park resulting in 43 new births (Birds:5, Mammals: 38).

All the animal enclosures were maintained with hygiene by adopting the prophylactic measures. Developmental works to provide better standards of housing, husbandry and health care viz., Providing visitors path way for visitors at Python enclosure, repairs and maintenance of ARC - I like flooring, Pipe line and drainage, repairs at elephant, Renovation of Zoo School, Flooring for night house at Sloth Bear, Extension of Black Swan Night House at Water Bird Aviary-II, Improvements, renovation of signboards etc., were carried out during the year. Animal enrichment was taken up in various enclosures, considering the biology, behaviour and physical requirements of the wild animals kept in captivity.

On behalf of Sri Venkateswara Zoological Park, Tirupati. I sincerely thank Sri Dr.Peddireddy Ramachandra Reddy, Hon'ble Minister for Energy, Forest, Environment, Science & Technology; Mines & Geology., Sri Y.Madhusudana Reddy, IFS., Prl. Chief Conservator of Forests & HoFF and Prl. Chief Conservator of Forests (Wildlife) & Chief Wildlife Warden., A.P., Dr. Shanti Priya Pandey, IFS., Additional Prl. Chief Conservator of Forests (WL) & Director, Zoo Park, A.P., Sri N. Nageswara Rao, IFS., Chief Conservator of Forests, Tirupati Circle, for their constant support, encouragement and guidance in all respects. Further, I wish to express our gratitude to Central Zoo Authority, New Delhi for their support and guidance in the development of Sri Venkateswara Zoological Park, Tirupati.

2. History of the Zoo

Sri Venkateswara Zoological Park is a Naturalistic Zoo located in Tirupati, the abode of Lord Sri Venkateswara Swamy. The Zoo is located on the foothills of Seshachalam hill ranges, which is an offshoot of Eastern Ghats.

The foundation for Sri Venkateswara Zoological Park was laid on 29.09.1987 by Late Sri N.T. Rama Rao, the-then Hon'ble Chief Minister of Andhra Pradesh and opened to public on 30.04.1993 by Late Sri K. Vijaya Bhaskar Reddy, the then Hon'ble Chief Minister of Andhra Pradesh. The Zoo has been named after the abode of Lord Venkateswara. The Zoo has been developed on mythological theme highlighting the role of wild animals in our ancient scriptures. The total area earmarked for the Zoo is 1254.71 ha, out of which 289 ha is proposed for development under Phase-I. Sri Venkateswara Zoological Park is unique of its kind, wherein the animals are displayed in vast enclosures which are nearer to their natural habitat.

3. Vision

To develop Sri Venkateswara Zoological Park, Tirupati as an institution engaged in the conservation, research, rescue and rehabilitation of endangered fauna of Eastern Ghats and imparting conservation education through Mythological Theme.

Educating the public to visit the Zoo as a scientific institution, engaged in welfare and ex-situ conservation of Wildlife and also to project the Zoo as a knowledge centre for Wildlife education connected with mythology. Keeping the Zoo in a healthy ambience and pollution free environment.

4.Mission

The mission of the Zoo is to develop amongst visitors empathy for wild animals, motivate them to support the cause of conservation of Wildlife and to promote conservation education through Mythological Theme highlighting the role of wild animals in our ancient culture.

Conservation of Wildlife through planned breeding of endangered species and collaborative research aiming at attaining management schemes for in-situ population. Rehabilitation and rescue of wild animals, which are brought from different situations like Circus and other areas.

5. Objectives of the Zoo

Conservation, Education, Research and Recreation are the primary factors in framing the objectives of Sri Venkateswara Zoological Park, Tirupati. In consonance with the National Zoo Policy, 1998, the Objectives of the Zoo are framed as under:

- i) **Conservation and Breeding of Endangered species:** Conservation and breeding of endangered fauna with special focus on Eastern Ghats.
- ii) **Conservation Education and Awareness:** To promote conservation education and interpretation through Mythological theme.
- iii) **Research for Conservation:** Propagating research and scientific study on animal behaviour, diseases and their control, feed, nutrition and reproductive biology. The knowledge so gained can be used for proper management of the wild fauna.
- iv) **Rescue and Rehabilitation:** To maintain the orphaned, seized, rescued and injured wild animals and rehabilitating them in the wild adhering to the guidelines framed for the purpose.
- v) **Mythological Awareness:** All the displays promote conservation education through mythological theme to spread the message of conservation among pilgrims, while high lighting the role played by wild animals in our ancient culture.

6. About us

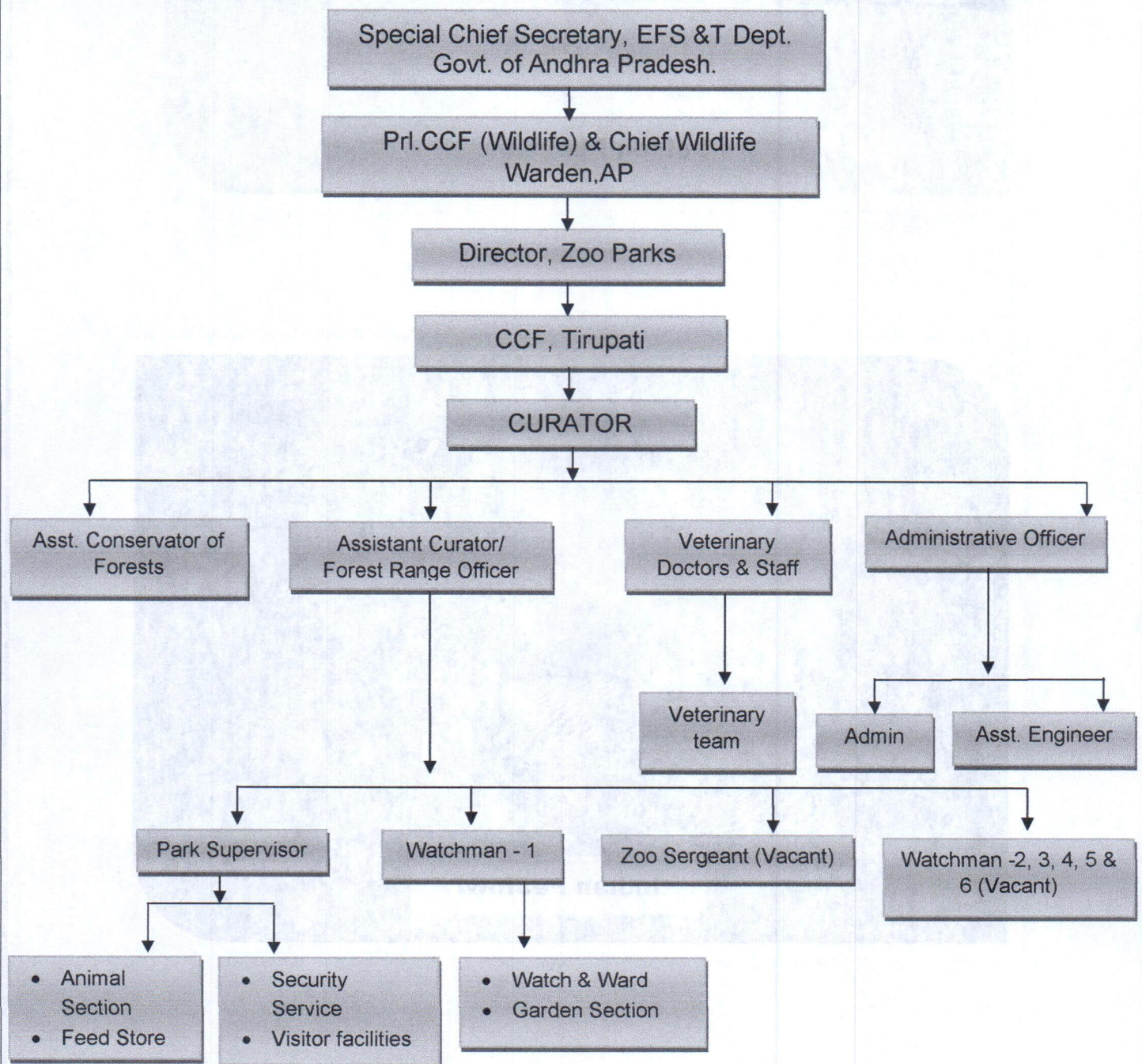
Basic Information about the Zoo		
S.No.	Particulars	Information
1	Name of the Zoo	SRI VENKATESWARA ZOOLOGICAL PARK
2	Year of Establishment	30.04.1993
3	Address of the Zoo	S.V. Zoological Park, Pudipatla Village & Post, Tirupati Rural, Tirupati District. PIN – 517505.
4	State	Andhra Pradesh
5	Telephone Number	0877-2950212
6	Fax Number	---

S.No.	Particulars	Information																		
7	E-mail address	tirupati.svzoo@gmail.com																		
8	Website	www.tirupatizoo.com																		
9	Twitter	Sv zoological park																		
10	YouTube	Svzoo Tirupati																		
11	Distance from nearest	Airport: 28 Km.																		
		Railway Station: 8.6 Km.																		
		Bus Stand:9 Km.																		
12	Recognition Valid up to (Date)	19.08.2023																		
13	Category of Zoo	Large Zoo																		
14	Area (in Hectares)	<table border="1"> <thead> <tr> <th>Sl. No.</th> <th>Component</th> <th>Area in Ha.</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Existing gross developed area occupied by enclosures</td> <td>289.00</td> </tr> <tr> <td>2.</td> <td>Proposed area for drive through enclosures (Safaris)</td> <td>383.71</td> </tr> <tr> <td>3.</td> <td>Existing Green Belt area</td> <td>382.00</td> </tr> <tr> <td>4.</td> <td>Night Safari(proposed)</td> <td>200.00</td> </tr> <tr> <td colspan="2" style="text-align: right;">Total:</td> <td>1254.71</td> </tr> </tbody> </table>	Sl. No.	Component	Area in Ha.	1.	Existing gross developed area occupied by enclosures	289.00	2.	Proposed area for drive through enclosures (Safaris)	383.71	3.	Existing Green Belt area	382.00	4.	Night Safari(proposed)	200.00	Total:		1254.71
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		3.	Existing Green Belt area	382.00																
4.	Night Safari(proposed)	200.00																		
Total:		1254.71																		
15	Number of Visitors (Financial Year)	Adults: 6,10,977																		
		Children: 1,67,612																		
		Two Wheelers: 1,189																		
		Four Wheelers: 28,858																		
		Total visitors: 8,08,636																		
16	Visitors Facilities Available in Zoo	<ul style="list-style-type: none"> ➤ Battery Operated Vehicles ➤ E-bicycles and Bi-cycles ➤ Signages on mythology ➤ QR code plaques outside every animal enclosure to know more about the animal ➤ Herbivore Safari & Lion Safari ➤ Cafeteria & Purified Drinking Water ➤ Visitor shelters, benches & platforms ➤ Rest rooms ➤ Wheel Chairs ➤ Zoo Souvenir Shop ➤ Zoo School & Bioscope 																		
17	Weekly Closure Day of the Zoo	Every Tuesday																		
Management Personnel of the Zoo																				
18	Name with designation of the Officer in-charge	C.Selvam, IFS., Curator, S.V.Zoological Park, Tirupati																		
	Name of the Veterinary Officer	Dr.TH.Thoiba Singh Dr.S.P.Arun																		
	Name of the Curator	C.Selvam, IFS.																		
	Name of the Biologist	Shreya Pandey																		
	Name of the Education Officer	C.Prasanna Deepak																		
	Name of the Compounder/ Lab Assistant	R.Hema Sekhar																		

Sl.No	Particulars	Information
Owner / Operator of the Zoo		
19	Name of the Operator	Special Chief Secretary, EFS &T Dept. Govt. of Andhra Pradesh, Forest Department
20	Address of the Operator	S.V.Zoological Park, Pudipatla Village and Post, Tirupati Rural, Chittoor District, Pin - 517505.
21	Contact details/Phone number of Operator	0877 – 2950212 +91 9440810066
22	E-mail address of Operator	tirupati.svzoo@gmail.com

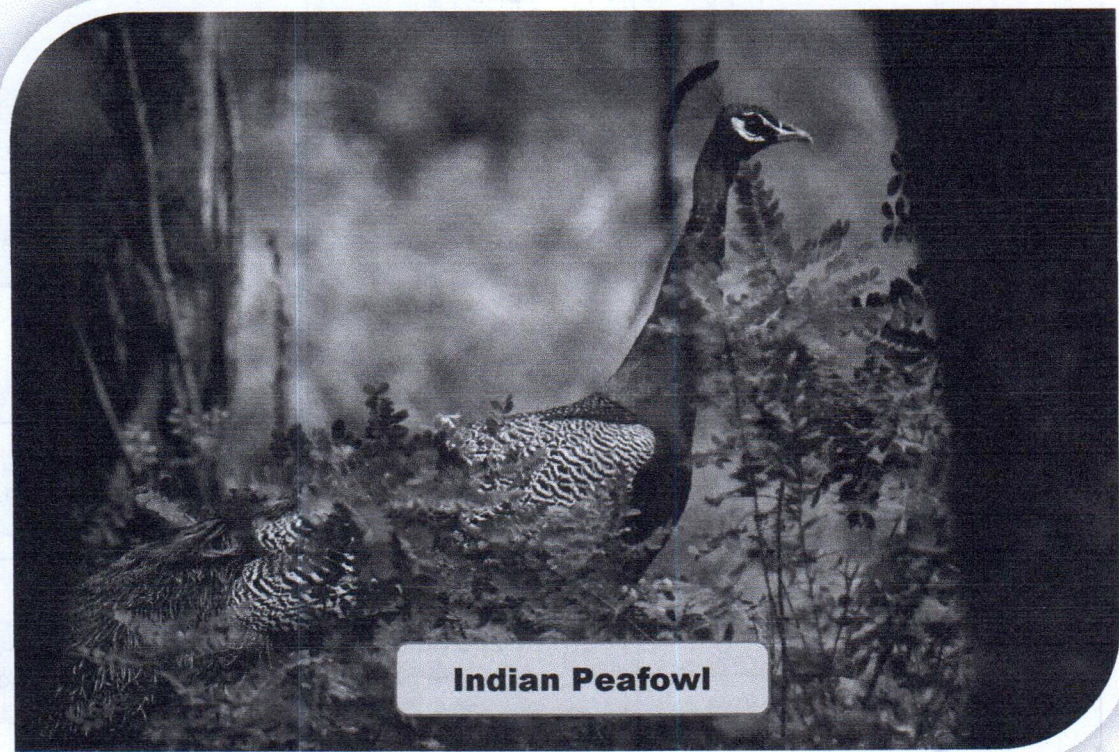
7. Organizational Chart

The hierarchy in Sri Venkateswara Zoological Park, Tirupati is as follows:





Golden Pheasant



Indian Peafowl

8.Human Resources Manpower of the Zoo

Sl. No.	Designation	Number of Sanctioned Posts	Name of the incumbent
1	Curator	1	Sri. C.Selvam, IFS.
2	Asst. Conservator of Forests (WL)	1	Sri. CH. Nagabhushanam
3	Assistant Curator/Forest Range Officer	2	Sri. V. Madhava Rao 1 Post vacant
4	Work Supervisor	1	Vacant (1 No.)
5	Park Supervisor	1	Sri. K. R. Venkataramana
6	Administrative Officer	1	Sri K. V. Lokanath Babu
7	Senior Assistant	1	Sri. O. Rama Devi
8	Junior Assistant	2	Sri. C. Mahesh Kumar Vacant (1 No.)
9	L.D. Steno	1	Vacant (1 No.)
10	Zoo Sergeant	1	Vacant (1 No.)
11	Office Sub-ordinate	2	G.Uma Maheshwar Smt. M. Gangadevi (VFW)
12	Driver	2	2 Posts vacant
13	Watchman	6	1. Sri. K. Prasad 2. Sri K. Chinnabba Reddy (MTS) (4 posts vacant)
14	Labourer	12	1. Sri D.Mabasha 2. Sri P.Nagaraju 3. Sri G.Gangadharam 4. Sri D.Dasthagiramma 5. Sri T.Sivaiah 6. Smt P.Kanthamma 7. Sri S.Munirathnam 8. Sri N.Venkatathnam 9. Sri. T.Munaswamy (3 posts vacant)
15	Helper	5	1. Smt V.S.Kumari 2. Sri E.Srinivasulu 3. Sri Y.Venkatamuni 4. Sri S.Chalamaiah 5. Sri K.Veerawamy
16	Cleaner	1	1. Sri G.Nagaraju
	Total:	40	14 vacancies

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.	C.Prasanna Deepak, ZEO	Capacity building workshop for Zoo Biologists.	23.11.2022 to 25.11.2022	Nehru Zoological Park, Hyderabad.
2	C.Selvam, IFS, Curator	National Conference for Zoo Directors for the year 2022	18.01.2023 & 19.01.2023	Sri Chamarajendra Zoological Garden, Mysore
3	CH. Nagabhushanam, ACF	Long exposure visit	07.02.2023 & 08.02.2023	Bannerghatta Biological Park, Bangalore.

10. Zoo Advisory Committee

a. Date of Constitution: - 07.04.2016

b. Members.

Sl. No.	Designation	Designation in the Governing Body.
1.	Hon'ble Minister for Environment, Forests, Science & Technology	Chairman
2.	The Special Chief Secretary, Principal Secretary to Government, EFS&T Department.	Member
3.	The Principal Secretary to Government, Tourism Department.	Member
4.	The Principal Secretary to Government, Finance Department (or) Representative.	Member
5.	The Principal Secretary to Government, MA&UD Department.	Member
6.	The Principal Chief Conservator of Forests & HoFF, AP, Guntur	Member
7.	The Principal Chief Conservator of Forests (Wildlife) and Chief Wildlife Warden, AP, Guntur.	Member
8.	Vice Chancellor, S.V. University, Tirupati.	Member
9.	Executive Officer, Tirumala Tirupati Devasthanams, Tirupati.	Member
10.	VC&MD, TUDA, Tirupati.	Member
11.	District Collector, Chittoor District	Member
12.	Chief Conservator of Forests, Wildlife Management Circle, Tirupati.	Member
13.	Curator, S.V.Zoological Park, Tirupati.	Member

Non-Official members: - --Nil--

c. Dates on which Meetings held during the year: – Nil

11. Health Advisory Committee

a. Date of constitution :15.02.2016

b. Members

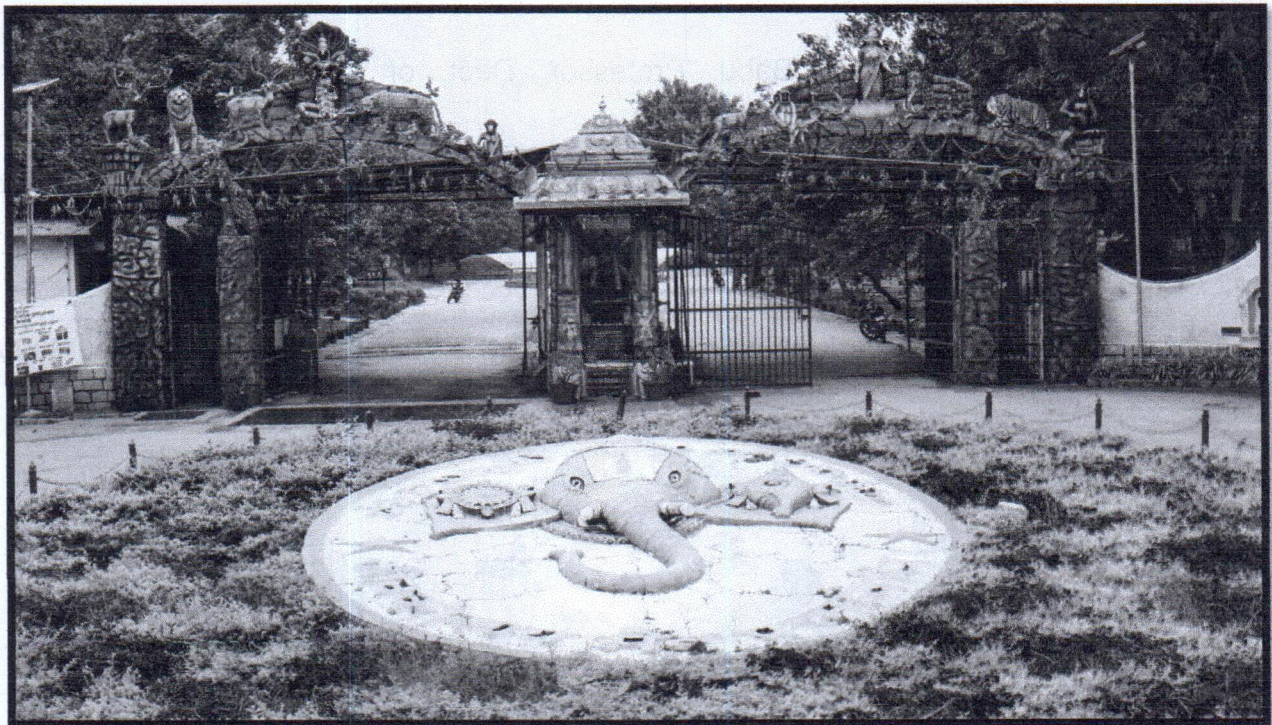
1. Dr. B.Shobhamani, Professor & Univ.Head, Dept. of Veterinary Medicine, CVSc, Tirupati.
2. Dr.B.Devaseena, Professor & Head, Dept. of Animal Nutrition, CVSc, Tirupati.
3. Dr.R.V.Suresh Kumar, Professor & Uni.Head, Dept. of Veterinary Surgery & Radiology, CVSc, Tirupati.
4. Dr. D.Rani Prameela, Professor & Head, State Level Diagnosis Laboratory, Tirupati
5. Dr. Ch. Anand Kumar, Professor & Uni. Head, Dept. of Veterinary Pathology, CVSc, Tirupati.
6. Dr. Ch.Mouli Krishna, Professor & Uni. Head, Dept. of Veterinary Gynaecology & Obstetrics, CVSc, Tirupati.
7. Dr. G.Gangaraj, Professor of Livestock Production Management, CVSc, Tirupati.
8. Dr. P.Malakondaiah, Professor & Uni.Head, Dept. of Veterinary Parasitology, CVSc, Tirupati.
9. Dr. A.Jagadeesh Babu, Professor, Dept. of Veterinary Public Health & Epidemiology, CVSc, Tirupati.
10. Dr. N.Shakeela, Professor & Uni.Head, Dept. of Poultry Science, CVSc, Tirupati.
11. Dr. K.Lakshmi Kavitha, Associate Professor & Univ.Head, Dept. of Veterinary Microbiology, CVSc, Tirupati.

c. Dates on which Meetings were held during the year: 08.12.2022 & 10.03.2023



12. Statement of income and expenditure of the Zoo

Revenue Collection (2022-23) (Rs. Lakhs)		Expenditure (Rs.)	
(1)	(2)	(3)	(4)
Revenue Collection (Entry fee, Safari, Parking, Four-Wheeler, Cloak Room, Battery Operated Vehicle etc.,)	551.083	I. Maintenance Works (Animal Keeping, Veterinary Care, Gardening and House Keeping, Conservation Education, Visitors Amenities, Zoo Security and Maintenance of entry gate, Zoo Maintenance, Office Maintenance, Miscellaneous)	207.690
Others (Leases etc.,)	161.118	II. Wage Component	326.723
TOTAL	712.201	TOTAL	534.413



13. Daily Feed schedule of animals

Sl.No.	Species	Feed item	Quantity		Day of fasting
			Winter	Summer	
1	Hyena	Milk (పాలు)	250 ml.	250 ml.	--
		Beef (boneless) (ఎముకలు లేని గొడ్డు మాంసం)	2 Kg	2 Kg	Every Tuesday
2	Wild Dog	Milk (పాలు)	250 ml.	250 ml.	--
		Beef (boneless) (ఎముకలు లేని గొడ్డు మాంసం)	2 Kg	2 Kg	Every Tuesday
3	Jackal	Milk (పాలు)	250 ml.	250 ml.	--
		Beef (boneless) (ఎముకలు లేని గొడ్డు మాంసం)	1 Kg.	1 Kg.	Every Tuesday
		Chicken liver (కోడి కాలేయం)	100 g	100 g	--
		Chicken (Tuesday only) (చికెన్) (మంగళవారం మాత్రమే)	1 Kg.	1 Kg.	--
4	Indian Wolf	Milk (పాలు)	500 ml.	500 ml.	--
		Mutton (మటన్)	750 g	750 g	--
		Chicken (చికెన్)	1 Kg.	1 Kg.	--
		Boiled Eggs (ఉడకబెట్టిన గుడ్లు)	2 No.	2 No.	--
5	White Tiger	Milk (పాలు)	500 ml.	500 ml.	--
		Beef (boneless) (ఎముకలు లేని గొడ్డు మాంసం)	Male-6 Kg Female-5 Kg	Male-6 Kg Female-5 Kg	Every Tuesday
		Chicken (చికెన్)	2 Kg	2 Kg	--
		Eggs (గుడ్లు)	2 No.	2 No.	--
6	Royal Bengal Tiger	Milk (పాలు)	500 ml.	500 ml.	--
		Beef (boneless) (ఎముకలు లేని గొడ్డు మాంసం)	Male-6 Kg Female-5 Kg	Male-6 Kg Female-5 Kg	Every Tuesday
		Chicken (చికెన్)	2 Kg	2 Kg	--
		Eggs (గుడ్లు)	2 No.	2 No.	--
7	Leopard	Milk (పాలు)	500 ml.	500 ml.	--
		Beef (boneless) (ఎముకలు లేని గొడ్డు మాంసం)	3 Kg	3 Kg	Every Tuesday
		Chicken (చికెన్)	2 Kg	2 Kg	--
		Eggs (గుడ్లు)	2 No.	2 No.	--

Sl.No.	Species	Feed item	Quantity		Day of fasting
			Winter	Summer	
8	Jaguar	Milk (పాలు)	500 ml.	500 ml.	--
		Beef (boneless) (ఎముకలు లేని గొడ్డు మాంసం)	3 Kg	3 Kg	Every Tuesday
		Chicken (చికెన్)	1 Kg.	1 Kg.	--
		Eggs (గుడ్లు)	2 No.	2 No.	--
9	Lion	Milk (పాలు)	500 ml.	500 ml.	--
		Beef (boneless) (ఎముకలు లేని గొడ్డు మాంసం)	Male-6 Kg Female-5 Kg	Male-6 Kg Female-5 Kg	Every Tuesday
		Chicken (చికెన్)	2 Kg	2 Kg	--
		Eggs (గుడ్లు)	2 No.	2 No.	--
10	Asiatic Lion	Milk (పాలు)	500 ml.	500 ml.	--
		Beef (boneless) (ఎముకలు లేని గొడ్డు మాంసం)	Male-6 Kg Female-5 Kg	Male-6 Kg Female-5 Kg	Every Tuesday
		Chicken (చికెన్)	1 Kg	1 Kg	--
		Eggs (గుడ్లు)	2 No.	2 No.	--
		Mutton (మటన్)	1.5 Kg	1.5 Kg	--
11	Sloth Bear	Carrot (క్యారెట్)	250 g	250 g	--
		Banana (అరటి పండ్లు)	800 g	800 g	--
		Sweet lime (బత్తాయిలు)	500 g	500 g	--
		Guava (జామ పండ్లు)	100 g	100 g	--
		Bread (బ్రెడ్)	500 g	500 g	--
		Honey (తేనె)	50 g	50 g	--
		Papaya (బొప్పాయి)	500 g	500 g	--
		Tomato (టమాటో)	100 g	100 g	--
		Jowar and Ragi mixture (2 : 1) (జొన్న మరియు రాగి మిశ్రమం)(2:1)	1.5 Kg	1.5 Kg	--
		Milk (పాలు)	1 Ltr.	1 Ltr.	--
		Common Salt (ఉప్పు)	50 g	50 g	--
		Pumpkin (గుమ్మడికాయ)	300 g	300 g	--
		Watermelon (పుచ్చకాయ)	---	500 g	--
		Cucumber (కీరకాయ)	500 g	500 g	--
Boiled Egg (ఉడకబెట్టిన గుడ్లు)	1 No.	1 No.	--		

Sl.No.	Species	Feed item	Quantity		Day of fasting
			Winter	Summer	
12	Civet Cat	Mutton (మటన్)	100 g	100 g	--
		Banana (అరటి పండ్లు)	100 g	100 g	--
		Bread (బ్రెడ్)	50 g	50 g	--
		Milk (పాలు)	200 ml.	200 ml.	--
		Boiled Egg (ఉడకబెట్టిన గుడ్డు)	1 No.	1 No.	--
13	Palm Civet	Mutton (మటన్)	100 g	100 g	--
		Banana (అరటి పండ్లు)	100 g	100 g	--
		Bread (బ్రెడ్)	50 g	50 g	--
		Milk (పాలు)	200 ml.	200 ml.	--
		Boiled Egg (ఉడకబెట్టిన గుడ్డు)	1 No.	1 No.	--
14	Jungle Cat	Fish (చేపలు)	100 g	100 g	--
		Mutton (మటన్)	100 g	100 g	--
15	Spotted deer	Carrot (క్యారెట్)	250 g	250 g	--
		Banana (అరటి పండ్లు)	100 g	100 g	--
		Veg Leaves (ఆకు కూరలు)	100 g	100 g	--
		Beetroot (బీట్ రూట్)	250 g	250 g	--
		Cucumber (కీరకాయ)	100 g	100 g	--
		Pumpkin (గుమ్మడికాయ)	100 g	100 g	--
		Green grass (పచ్చ గడ్డి)	5 Kg	5 Kg	--
		Cattle feed (పశు దాన)	500 g	500 g	--
		Hay (ఎండు గడ్డి)	500 g	500 g	--
		Soaked Greengrams (నానబెట్టిన పెసలు)	50 g	50 g	--
16	Thamin Deer	Green grass (పచ్చ గడ్డి)	8 Kg	8 Kg	--
		Cattle feed (పశు దాన)	1 Kg	1 Kg	--
		Soaked Greengrams (నానబెట్టిన పెసలు)	100 g	100 g	--
		Soaked Bengal grams (నానబెట్టిన సెనగలు)	100 g	100 g	--
		Banana (అరటి పండ్లు)	500 g	500 g	--
		Carrot (క్యారెట్)	160 g	160 g	--
		Beetroot (బీట్ రూట్)	160 g	160 g	--
		Cucumber (కీరకాయ)	500 g	500 g	--
		Watermelon (పుచ్చకాయ)	--	500 g	--

SI.No	Species	Feed item	Quantity		Day of fasting
			Winter	Summer	
17	Chinkara	Green grass (పచ్చ గడ్డి)	5 Kg	5 Kg	--
		Banana (అరటి పండ్లు)	100 g	100 g	--
		Veg Leaves (ఆకు కూరలు)	100 g	100 g	--
		Carrot (క్యారెట్)	250 g	250 g	--
		Beetroot (బీట్ రూట్)	250 g	250 g	--
		Cucumber (కీరకాయ)	100 g	100 g	--
		Cattle feed (పశు దాన)	500 g	500 g	--
		Soaked Greengrams (నానబెట్టిన పెసలు)	50 g	50 g	--
		Soaked Bengal grams (నానబెట్టిన సెనగలు)	50 g	50 g	--
18	Black Buck	Carrot (క్యారెట్)	250 g	250 g	--
		Banana (అరటి పండ్లు)	100 g	100 g	--
		Veg Leaves (ఆకు కూరలు)	100 g	100 g	--
		Beetroot (బీట్ రూట్)	250 g	250 g	--
		Cucumber (కీరకాయ)	100 g	100 g	--
		Pumpkin (గుమ్మడికాయ)	100 g	100 G	--
		Green grass (పచ్చ గడ్డి)	5 Kg	5 Kg	--
		Cattle feed (పశు దాన)	500 g	500 g	--
		Hay (ఎండు గడ్డి)	500 g	500 g	--
19	Chowsin gha	Carrot (క్యారెట్)	250 g	250 g	--
		Banana (అరటి పండ్లు)	100 g	100 g	--
		Veg Leaves (ఆకు కూరలు)	100 g	100 g	--
		Beetroot (బీట్ రూట్)	250 g	250 g	--
		Green grass (పచ్చ గడ్డి)	6 Kg	6 Kg	--
		Cattle feed (పశు దాన)	500 g	500 g	--
		Soaked Greengrams (నానబెట్టిన పెసలు)	50 g	50 g	--

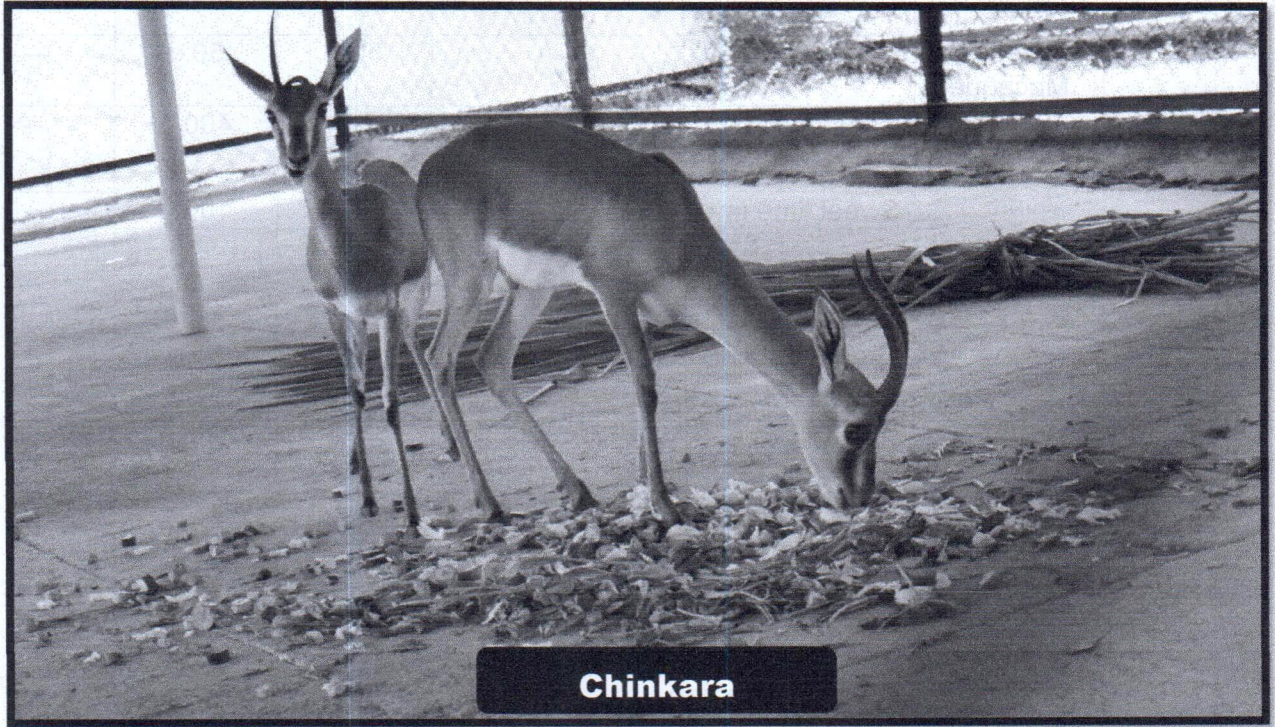
SI.No.	Species	Feed item	Quantity		Day of fasting
			Winter	Summer	
20	Sambar	Carrot (క్యారెట్)	250 g	250 g	--
		Banana (అరటి పండ్లు)	200 g	200 g	--
		Beetroot (బీట్ రూట్)	250 g	250 g	--
		Cucumber (కీరకాయ)	200 g	200 g	--
		Pumpkin (గుమ్మడికాయ)	200 g	200 g	--
		Green grass (పచ్చ గడ్డి)	10 Kg	10 Kg	--
		Cattle feed (పశు దాన)	1 Kg	1 Kg	--
		Hay (ఎండు గడ్డి)	500 g	500 g	--
		Soaked Green grams (నానబెట్టిన పెసలు)	100 g	100 g	--
21	Nilgai	Carrot (క్యారెట్)	250 g	250 g	--
		Banana (అరటి పండ్లు)	200 g	200 g	--
		Beetroot (బీట్ రూట్)	250 g	250 g	--
		Cucumber (కీరకాయ)	200 g	200 g	--
		Pumpkin (గుమ్మడికాయ)	200 g	200 g	--
		Green grass (పచ్చ గడ్డి)	10 Kg	10 Kg	--
		Cattle feed (పశు దాన)	1 Kg.	1 Kg.	--
		Hay (ఎండు గడ్డి)	500 g	500 g	--
		Soaked Greengrams (నానబెట్టిన పెసలు)	100 g	100 g	--
22	Barking Deer	Carrot (క్యారెట్)	250 g	250 g	--
		Banana (అరటి పండ్లు)	100 g	100 g	--
		Veg Leaves (ఆకు కూరలు)	250 g	250 g	--
		Groundnut Oil Cake (వేరు శెనగ చమురు కేక్)	50 g	50 g	--
		Cucumber (కీరకాయ)	100 g	100 g	--
		Green grass (పచ్చ గడ్డి)	3 Kg	3 Kg	--
		Cattle feed (పశు దాన)	500 g	500 g	--
		Wheat Bran (గోధుమ పొట్టు)	500 g	500 g	--
Soaked Greengrams (నానబెట్టిన పెసలు)	50 g	50 g	--		

Sl.No.	Species	Feed item	Quantity		Day of fasting
			Winter	Summer	
23	Hog Deer	Carrot (క్యారెట్)	250 g	250 g	--
		Banana (అరటి పండ్లు)	100 g	100 g	--
		Veg Leaves (ఆకు కూరలు)	250 g	250 g	--
		Groundnut Oil Cake (వేరు శెనగ చమురు కేక్)	100 G	100 G	--
		Cucumber (కీరకాయ)	100 g	100 g	--
		Green grass (పచ్చ గడ్డి)	6 Kg	6 Kg	--
		Cattle feed (పశు దాన)	500 g	500 g	--
		Wheat Bran (గోధుమ పొట్టు)	500 g	500 g	--
		Soaked Greengrams (నానబెట్టిన పెసలు)	100 g	100 g	--
		Hay (ఎండు గడ్డి)	100 g	100 g	--
24	Swamp Deer	Carrot (క్యారెట్)	160 g	160 g	--
		Banana (అరటి పండ్లు)	500 g	500 g	--
		Cucumber (కీరకాయ)	100 g	100 g	--
		Beetroot (బీట్ రూట్)	160 g	160 g	--
		Potato (బంగాళా దుంప)	160 g	160 g	--
		Green grass (పచ్చ గడ్డి)	8 Kg	8 Kg	--
		Cattle feed (పశు దాన)	1 Kg	1 Kg	--
		Soaked Greengrams (నానబెట్టిన పెసలు)	100 g	100 g	--
		Hay (ఎండు గడ్డి)	500 g	500 g	--
25	Indian Gaur	Carrot (క్యారెట్)	500 g	500 g	--
		Banana (అరటి పండ్లు)	1 Kg	1 Kg.	--
		Veg Leaves (ఆకు కూరలు)	500 g	500 g	--
		Beetroot (బీట్ రూట్)	500 g	500 g	--
		Cucumber (కీరకాయ)	1 Kg	1 Kg	--
		Pumpkin (గుమ్మడికాయ)	1 Kg	1 Kg	--
		Green grass (పచ్చ గడ్డి)	25 Kg	25 Kg	--
		Cattle feed (పశు దాన)	2.5 Kg	2.5 Kg	--
		Hay (ఎండు గడ్డి)	5 Kg	5 Kg	--
		Soaked Greengrams (నానబెట్టిన పెసలు)	500 g	500 g	--
		Soaked Bengal grams (నానబెట్టిన సెనగలు)	500 g	500 g	--

SI.No.	Species	Feed item	Quantity		Day of fasting
			Winter	Summer	
26	Wild Boar	Carrot (క్యారెట్)	500 g	500 g	--
		Potato (బంగాళాదుంప)	500 g	500 g	--
		Veg Leaves (ఆకు కూరలు)	500 g	500 g	--
		Beetroot (బీట్ రూట్)	50 g	50 g	--
		Cucumber (కీరకాయ)	500 g	500 g	--
		Pumpkin (గుమ్మడికాయ)	500 g	500 g	--
		Green grass (పచ్చ గడ్డి)	1 Kg	1 Kg	--
		Common Salt (ఉప్పు)	10 g	10 g	--
		Jowar and Ragi mixture (2:1) (జొన్న మరియు రాగి మిశ్రమం) (2:1)	1.5 Kg	1.5 Kg	--
		Soaked Bengal grams (నానబెట్టిన సెనగలు)	200 g	200 g	--
27	Porcupine	Carrot (క్యారెట్)	25 g	25 g	--
		Banana (అరటి పండ్లు)	50 g	50 g	--
		Potato (బంగాళాదుంప)	50 g	50 g	--
		Veg Leaves (ఆకు కూరలు)	25 g	25 g	--
		Cabbage (క్యాబేజీ)	50 g	50 g	--
		Beetroot (బీట్ రూట్)	25 g	25 g	--
		Guava (జామ పండ్లు)	50 g	50 g	--
		Cucumber (కీరకాయ)	100 g	100 g	--
		Soaked Bengal grams (నానబెట్టిన సెనగలు)	50 g	50 g	--
28	Elephant	Beetroot (బీట్ రూట్)	2 Kg	2 Kg	--
		Banana (అరటి పండ్లు)	3 Kg	3 Kg	--
		Coconuts (కొబ్బరి కాయలు)	2 No.	2 No.	--
		Banana Stem (అరటి కాండము)	10 Kg	10 Kg	--
		Sugarcane (చెరుకు గడ)	10 Kg	10 Kg	--
		Maize Grass (మొక్క జొన్న గడ్డి)	50 Kg	50 Kg	--
		Common Salt (ఉప్పు)	75 g	75 g	--
		Ragi, Rice & Horsegram balls (రాగి బియ్యం మరియు ఉలవలు)	4 Kg	4 Kg	--
		Jaggery (బెల్లం)	200 g	200 g	--
		Green grass (పచ్చ గడ్డి)	100 Kg	100 Kg	--

Sl.No.	Species	Feed item	Quantity		Day of fasting
			Winter	Summer	
29	Olive Baboon	Carrot (క్యారెట్)	50 g	50 g	--
		Banana (అరటి పండ్లు)	400 g	400 g	--
		Sweetlime (బల్లెంబంబం)	100 g	100 g	--
		Veg Leaves (ఆకు కూరలు)	50 g	50 g	--
		Guava (జామ పండ్లు)	200 g	200 g	--
		Bread (బ్రెడ్)	50 g	50 g	--
		Groundnut (వేరుశనగ)	50 g	50 g	--
		Cabbage (క్యాబేజీ)	25 g	25 g	--
		Milk (పాలు)	500 ml.	500 ml.	--
		Soaked Bengal grams (నానబెట్టిన సెనగలు)	100 g	100 g	--
		Boiled Eggs (ఉడకబెట్టిన గుడ్లు)	1 No.	1 No.	--
30	Hamadryas Baboon	Carrot (క్యారెట్)	250 g	250 g	--
		Banana (అరటి పండ్లు)	400 g	400 g	--
		Beetroot (బీట్ రూట్)	50 g	50 g	--
		Onions (ఉల్లిపాయలు)	50 g	50 g	--
		Potato (బంగాళాదుంప)	100 g	100 g	--
		Apple (ఆపిల్ పండు)	100 g	100 g	--
		Grapes (ద్రాక్ష)	50 g	50 g	--
		Papaya (బొప్పాయి పండ్లు)	100 g	100 g	--
		Guava (జామ పండ్లు)	100 g	100 g	--
		Bread (బ్రెడ్)	50 g	50 g	--
		Cucumber (కీరకాయ)	100 g	100 g	--
		Tomato (టమోటా)	50 g	50 g	--
		Cauliflower (క్యాలిఫ్లవర్)	100 g	100 g	--
		Radish (ముల్లంగి)	100 g	100 g	--
		Cabbage (క్యాబేజీ)	200 g	200 g	--
		Soaked Bengal grams (నానబెట్టిన సెనగలు)	100 g	100 g	--
		Boiled Eggs (Tuesday, Friday & Sunday only) (ఉడకబెట్టిన గుడ్లు) (మంగళ, శుక్ర మరియు ఆదివారం మాత్రమే)	1 No.	1 No.	--
Chicken (Tuesday only) (చికెన్) (మంగళవారం మాత్రమే)	500 g	500 g	--		

Sl.No.	Species	Feed item	Quantity		Day of fasting
			Winter	Summer	
31	Rhesus Macaque	Carrot (క్యారెట్)	50 g	50 g	--
		Banana (అరటి పండ్లు)	400 g	400 g	--
		Sweet lime (బత్తాయి)	100 g	100 g	--
		Veg Leaves (ఆకు కూరలు)	100 g	100 g	--
		Groundnut (వేరుశనగ)	50 g	50 g	--
		Papaya (బొప్పాయి)	200 g	200 g	--
		Guava (జామ పండ్లు)	200 g	200 g	--
		Bread (బ్రెడ్)	50 g	50 g	--
		Cabbage (క్యాబేజీ)	50 g	50 g	--
		Soaked Bengal grams (నానబెట్టిన సెనగలు)	75 g	75 g	--
		Boiled Egg (ఉడకబెట్టిన గుడ్డు)	1 No.	1 No.	--
32	Common Langur	Carrot (క్యారెట్)	50 g	50 g	--
		Banana (అరటి పండ్లు)	400 g	400 g	--
		Sweet lime (బత్తాయి)	100 g	100 g	--
		Veg Leaves (ఆకు కూరలు)	100 g	100 g	--
		Groundnut (వేరుశనగ)	50 g	50 g	--
		Papaya (బొప్పాయి)	200 g	200 g	--
		Guava (జామ పండ్లు)	200 g	200 g	--
		Bread (బ్రెడ్)	50 g	50 g	--
		Cabbage (క్యాబేజీ)	50 g	50 g	--
		Soaked Bengal grams (నానబెట్టిన సెనగలు)	75 g	75 g	--
		Boiled Egg (ఉడకబెట్టిన గుడ్డు)	1 No.	1 No.	--



Chinkara



Indian Gaur

SI.No.	Species	Feed item	Quantity		Day of fasting
			Winter	Summer	
33	Mandril	Carrot (క్యారెట్)	250 g	250 g	--
		Banana (అరటి పండ్లు)	200 g	200 g	--
		Sweet lime (బత్తాయి)	100 g	100 g	--
		Veg Leaves (ఆకు కూరలు)	100 g	100 g	--
		Groundnut (వేరుశనగ)	50 g	50 g	--
		Grapes (ద్రాక్ష)	50 g	50 g	--
		Milk (పాలు)	500 g	500 g	--
		Apple (ఆపిల్ పండ్లు)	100 g	100 g	--
		Papaya (బొప్పాయి)	500 g	500 g	--
		Guava (జామ పండ్లు)	100 g	100 g	--
		Bread (బ్రెడ్)	50 g	50 g	--
		Cabbage (క్యాబేజీ)	50 g	50 g	--
		Soaked Bengal grams (నానబెట్టిన సెనగలు)	100 g	100 g	--
		Boiled Eggs (ఉడకబెట్టిన గుడ్లు)	2 No.	2 No.	--
34	Indian Rock Python	Live Bird (Once a week) (బ్రతికుండే పక్షి) (వారానికి ఒకసారి)	500 g	500 g	--
35	Star Tortoise	Carrot (క్యారెట్)	10 g	10 g	--
		Veg Leaves (ఆకు కూరలు)	10 g	10 g	--
		Papaya (బొప్పాయి)	10 g	10 g	--
		Soaked Bengal grams (నానబెట్టిన సెనగలు)	10 g	10 g	--
36	Mugger Crocodile	Dead Fish (చనిపోయిన చేపలు)	250 g	250 g	--
37	Salt Water Crocodile	Beef (With bone) (గొడ్డు మాంసం ఎముకలతో)	1.5 Kg	1.5 Kg	Every Tuesday
38	Gharial Crocodile	Live Fish (బ్రతికుండే చేపలు)	1 Kg.	1 Kg.	--

SI.No.	Species	Feed item	Quantity		Day of fasting
			Winter	Summer	
39	Emu Bird	Carrot (క్యారెట్)	200 g	200 g	--
		Banana (అరటి పండ్లు)	200 g	200 g	--
		Wheat Bran (గోధుమ పొట్టు)	50 g	50 g	--
		Wheat (గోధుమలు)	100 g	100 g	--
		Jowar (జొన్నలు)	100 g	100 g	--
		Maize (మొక్కజొన్న)	100 g	100 g	--
		Veg Leaves (ఆకు కూరలు)	200 g	200 g	--
		Papaya (బొప్పాయి)	100 g	100 g	--
		Cabbage (క్యాబేజీ)	50 g	50 g	--
		Soaked Bengal grams (నానబెట్టిన సెనగలు)	100 g	100 g	--
40	White Peafowl	Carrot (క్యారెట్)	50 g	50 g	--
		Onions (ఉల్లిపాయలు)	100 g	100 g	--
		Garlic (వెల్లుల్లి)	5 g	5 g	--
		Poultry feed (పౌల్ట్రీ ఫీడ్)	120 g	120 g	--
		Veg Leaves (ఆకు కూరలు)	150 g	150 g	--
41	Indian Peafowl	Carrot (క్యారెట్)	50 g	50 g	--
		Onions (ఉల్లిపాయలు)	100 g	100 g	--
		Garlic (వెల్లుల్లి)	5 g	5 g	--
		Poultry feed (పౌల్ట్రీ ఫీడ్)	120 g	120 g	--
		Veg Leaves (ఆకు కూరలు)	150 g	150 g	--
42	Pheasant Aviary	Carrot (క్యారెట్)	50 g	50 g	--
		Onions (ఉల్లిపాయలు)	100 g	100 g	--
		Poultry feed (పౌల్ట్రీ ఫీడ్)	300 g	300 g	--
		Veg Leaves (ఆకు కూరలు)	150 g	150 g	--
43	Grey Jungle Fowl	Carrot (క్యారెట్)	50 g	50 g	--
		Onions (ఉల్లిపాయలు)	20 g	20 g	--
		Poultry feed (పౌల్ట్రీ ఫీడ్)	300 g	300 g	--
		Veg Leaves (ఆకు కూరలు)	150 g	150 g	--
		Capsicum (కాప్సికం)	20 g	20 g	--

Sl.No.	Species	Feed item	Quantity		Day of fasting
			Winter	Summer	
44	Parrots	Veg Leaves (ఆకు కూరలు)	30 g	30 g	--
		Carrot (క్యారెట్)	15 g	15 g	--
		Green Chillies (పచ్చి మిర్చి)	10 g	10 g	--
		Papaya (బొప్పాయి)	15 g	15 g	--
		Beetroot (బీట్ రూట్)	15 g	15 g	--
		Onions (ఉల్లిపాయలు)	20 g	20 g	--
		Beans (బీన్స్)	10 g	10 g	--
		Banana (అరటి పండ్లు)	15 g	15 g	--
		Capsicum (కొప్పికం)	20 g	20 g	--
		Orange (నారింజ)	10 g	10 g	--
		Guava (జామ పండ్లు)	20 g	20 g	--
		Apple (ఆపిల్ పండ్లు)	10 g	10 g	--
		Watermelon (పుచ్చ కాయ)	---	20 g	--
		Paddy (వడ్లు)	50 g	50 g	--
		Sunflower Seeds (పొద్దుతిరుగుడు విత్తనాలు)	20 g	20 g	--
45	Parakeets	Veg Leaves (ఆకు కూరలు)	15 g	15 g	--
		Carrot (క్యారెట్)	7 g	7 g	--
		Green Chillies (పచ్చి మిర్చి)	5 g	5 g	--
		Papaya (బొప్పాయి)	7 g	7 g	--
		Beetroot (బీట్ రూట్)	7 g	7 g	--
		Onions (ఉల్లిపాయలు)	10 g	10 g	--
		Beans (బీన్స్)	5 g	5 g	--
		Banana (అరటి పండ్లు)	7 g	7 g	--
		Capsicum (కొప్పికం)	10 g	10 g	--
		Orange (నారింజ)	10 g	10 g	--
		Guava (జామ పండ్లు)	10 g	10 g	--
		Apple (ఆపిల్ పండ్లు)	5 g	5 g	--
		Watermelon (పుచ్చ కాయ)	---	10 g	--
		Paddy (వడ్లు)	25 g	25 g	--
		Sunflower Seeds (పొద్దుతిరుగుడు విత్తనాలు)	10 g	10 g	--

Sl.No.	Species	Feed item	Quantity		Day of fasting
			Winter	Summer	
46	Black Swan	Duck Mixture,	250 g	250 g	--
		Wheat (గోధుమలు),			
		Maize (మొక్కజొన్న),			
		Wheat Bran (గోధుమ పొట్టు),			
		Fish (చేపలు),			
		Mineral Mixture,			
		Paddy (వడ్లు),			
Sunflower Seeds (పొద్దుతిరుగుడు విత్తనాలు)					
		Veg Leaves (ఆకు కూరలు)	100 g	100 g	
47	Ostrich	Ostrich feed (ఉష్ణ పక్షి ఆహారము)	3 Kg	3 Kg	--
		Veg Leaves (ఆకు కూరలు)	100 g	100 g	--
		Banana (అరటి పండ్లు)	500 g	500 g	--
		Coriander Leaves (కొత్తిమీర)	100 g	100 g	--
		Soaked Green grams (నానబెట్టిన పెసలు)	100 g	100 g	--
		Cucumber (కీరకాయ)	200 g	200 g	--
		Boiled Eggs (ఉడకబెట్టిన గుడ్లు)	4 No.	4 No.	--
Carrot (క్యారెట్)	1 Kg.	1 Kg.	--		
48	Rosy pelican	Fish (చేపలు)	1 Kg.	1 Kg.	--
49	Night Heron	Small Fish (చిన్న చేపలు)	50 g	50 g	--
50	Zebra Finch	Milletts (చిరు ధాన్యాలు)	5 g	5 g	--
		Oats (ఒట్స్)	5 g	5 g	--
		Coriander Leaves (కొత్తిమీర)	Few	Few	--
51	Green Winged macaw	Grapes (ద్రాక్ష)	100 g	100 g	--
		Wall nut (వాల్ నట్)	2 No.	2 No.	--
		Badam (బాదాం)	2 No.	2 No.	--
		Sunflower Seeds (పొద్దుతిరుగుడు విత్తనాలు)	50 g	50 g	--
		Red Chilli (పండ్లు మిరపకాయలు)	10 g	10 g	--



14. Vaccination Schedule of animals

Sl.No	Species	Disease vaccinated for	Name of the Vaccine and dosage/ quantity used	Periodicity	Remarks
1	Large Carnivores	Trypanosomiasis	Triquin – 3ml	Once in 6 months	June-22 Dec-22
2	Large Carnivores	Combined feline calicivirus, feline rhinotracheitis virus and feline panleukopenia	Fel 'O' VAX – 1 Dose	Once in a year	April-22
3	Lesser Carnivores	Rabies	Anti Rabies – 1 Dose	Once in a Year	April-22
4	Lesser Carnivores	Canine distemper virus, Hepatitis, Parvo virus, Para influenza, Leptospirosis	D.H.P.Pi.+L – 1 Dose	Once in a Year	April-22
5	Birds	Ranikhet disease	Lasota Strain – 1 Dose/Bird	Once in a Year	April-22

15. De-worming Schedule of animals

Sl.No.	Species	Drug used	Month
1	Elephants, Wild Boars, Reptiles, Carnivores, Sloth Bears, Birds	Albendazole, Fenbendazole, Ivermectin, Levamisole, Praziquantel, Dectomax	April, 2022
2	Birds		May, 2022
3	Herbivores, Carnivores, Sloth Bears, Primates, Birds		June, 2022
4	Wild Boars Reptiles& Birds		July, 2022
5	Wild Boars, Reptiles, Birds		August, 2022
6	Large and Lesser Carnivores, Sloth Bears, Birds		September, 2022
7	Elephants, Wild Boars, Reptiles, Carnivores, Sloth Bears, Birds		October, 2022
8	Birds		November, 2022
9	Herbivores, Carnivores, Sloth Bears, Primates, Birds		December, 2022
10	Wild Boars Reptiles Birds		January, 2023
11	Carnivores Sloth Bears Birds		February, 2023
12	Herbivores Primates Birds		March, 2023

16. Disinfection Schedule

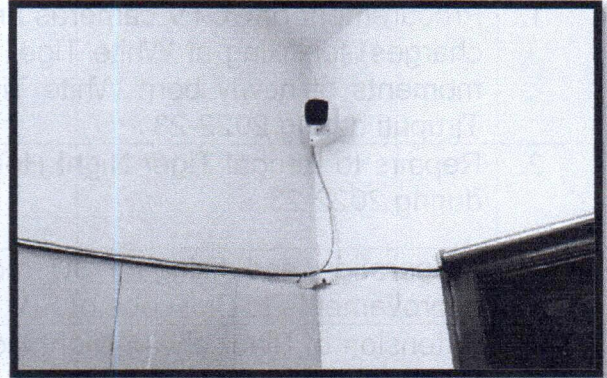
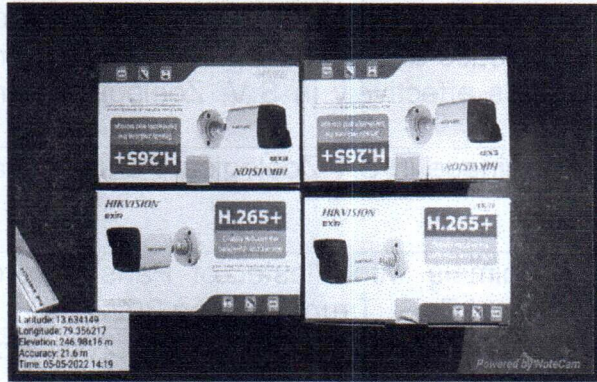
SI.No	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
1	Spotted Deer, Muntjac (Barking Deer), Hog Deer, Nilgai, Bison, Black Buck, Sambar, Chowsingha, Chinkara, Thamin Deer, Swamp Deer	Open enclosure	Kohrsolin Spray + Butox for Spraying	Once in 3 months
			Asiphor, microlyse for night kraal cleaning and Phenyl for corridor disinfection	Daily
			Potassium Permanganate – Foot bath	Daily
2	Mouse Deer	Closed enclosure	Lime Powder, Bleaching Powder for spraying in and around the paddock and surroundings	Once in 3 months
3	Lions, Wild Dogs, Wolf, Jackals, White Tigers, Sloth Bears, Wild Boars, Porcupine, Primates, Elephants, All Turtles, Elephants,	Open enclosure	Virkon Spray as general disinfectant	Whenever needed
4	Tiger, Jaguar, Python, Water Birds, All other aviaries, Star Tortoise, Emu	Closed enclosure		

17. Health Check-up of employees for zoonotic diseases

18. Development works carried out in the Zoo during the year 2022-23

Sl.No	Name of the Work
1.	Procurement of CCTV cameras and networking materials (including installation charges) for fixing at White Tiger Night house and Paddock for monitoring the moments of newly born White Tiger cubs effectively in S.V. Zoological Park, Tirupati during 2022-23
2.	Repairs to Bengal Tiger Night House Drainage in S.V.Zoological Park, Tirupati during 2022-23
3.	Preparation and fixing of 3D model Animals with Plaster of Paris towards improvements to Bioscope of S.V.Zoological Park, Tirupati during 2022-23
4.	Extension of Black Swan Night House at Water Bird Aviary-II in S.V.Zoological Park, Tirupati during 2022-23.
5.	Procurement of 75% Green-Shade Net towards providing summer arrangements for the wild animals in S.V.Zoological Park, Tirupati during 2022-23.
6.	Providing supporting walls to laying interlocking Paver blocks at Python enclosure in S.V. Zoological Park, Tirupati during 2022-23.
7.	Laying interlocking Paver blocks at Python enclosure in S.V.Zoological Park, Tirupati during 2022-23.
8.	Providing interlocking Paver footpath at Zoo School in S.V.Zoological Park, Tirupati during 2022-23.
9.	Providing interlocking Paver footpath at Curator Office washroom in S.V.Zoological Park, Tirupati during 2022-23.
10.	Improvements and maintenance of Fodder Plot in S.V.Zoological Park, Tirupati during 2022-23.
11.	Painting to Veterinary Hospital in S.V.Zoological Park, Tirupati during 2022-23.
12.	Repairs and maintenance of Hall & Corridor Flooring at Curator Office in S.V.Zoological Park, Tirupati during 2022-23.
13.	Jungle clearance of White Tiger Safari near Eastern Side 2.10 Ha. Phase 1 of Lion in S.V.Zoological Park, Tirupati during 2022-23.
14.	Painting to Internal Walls, Isolation Wards and Day Paddocks at Sanjeevani in S.V.Zoological Park, Tirupati during 2022-23.
15.	Painting to Asiatic Lion Night House in S.V. Zoological Park, Tirupati during 2022-23
16.	Painting to Mandapam near Parrot World towards visitor facility in S.V.Zoological Park, Tirupati during 2022-23
17.	Providing Shade Shelter for Elephants towards Environmental Enrichment in S.V.Zoological Park, Tirupati during 2022-23
18.	Improvements and maintenance of Animal Rescue Centre-II Paddocks in S.V.Zoological Park, Tirupati during 2022-23.
19.	Improvements and maintenance of Himalayan Black Bear in S.V.Zoological Park, Tirupati during 2022-23.
20.	Providing Water proofing Treatment to Feed Room Roof in S.V.Zoological Park, Tirupati during 2022-23.

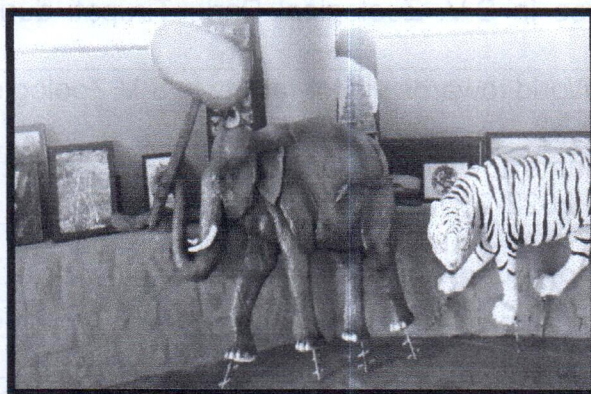
Procurement of CC Cameras and networking material for fixing at White Tiger night house.



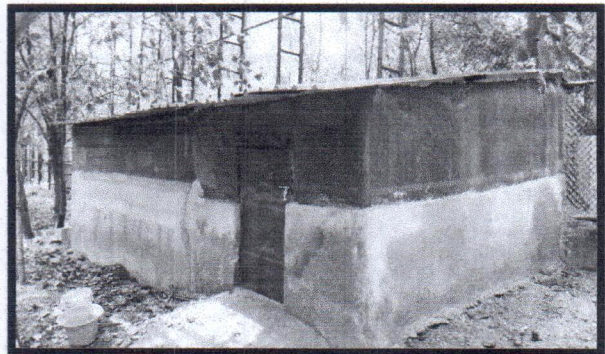
Repairs to Bengal Tiger Night House Drainage



Preparation and fixing of 3D model Animals



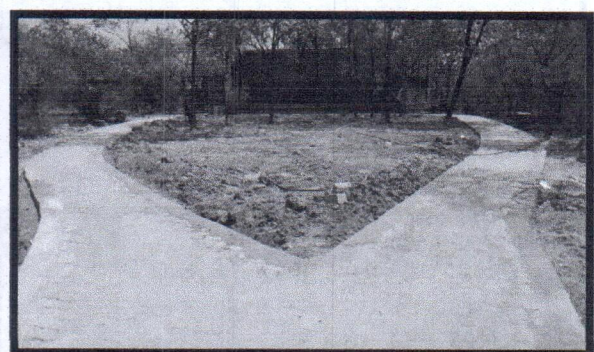
Extension of Black Swan Night House at Water Bird Aviary-II



Procurement of 75% Green Shade nets



Laying interlocking Paver blocks at Python enclosure



Interlocking Paver footpath at Zoo School



Interlocking Paver footpath at Curator Office washroom.



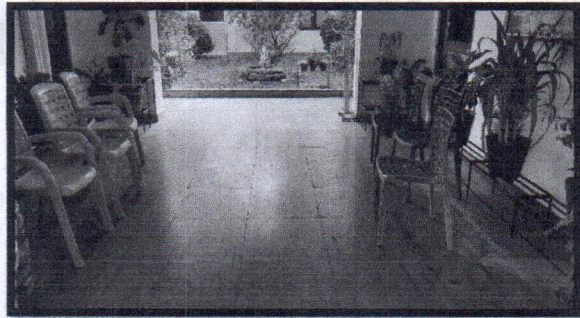
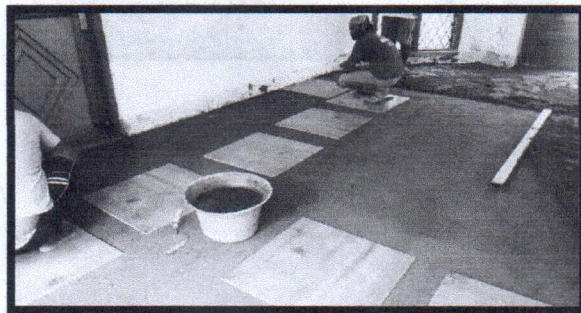
Improvements and maintenance to Fodder Plot area



Painting to Veterinary Hospital



Repairs and maintenance of Hall & Corridor Flooring at Curator Office



Painting to Internal Walls, Isolation Wards and Day Paddocks at Sanjeevani



19. Education and Awareness programmes during the year 2022-23.

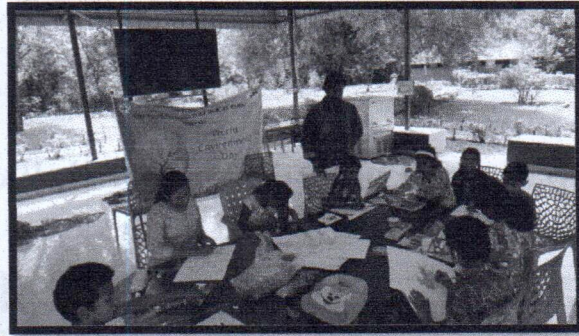
Various awareness programmes and competitions were conducted for school children on Wildlife conservation.

i. World Turtle Day

World Turtle Day was celebrated on 23.05.2022. Online and Offline painting competition was conducted to the students.

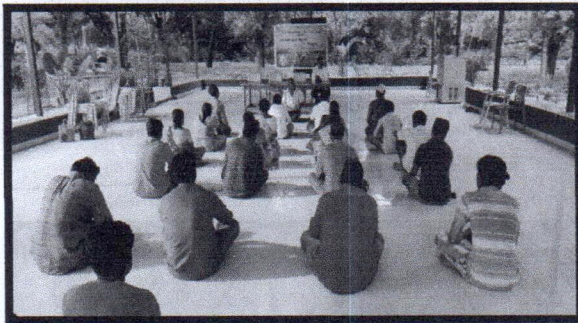
ii. World Environment Day

World Environment Day was celebrated on 05.06.2022. Conducted a rally with the Zoo Park and Drawing and Elocution competitions.



iii. International Yoga Day

International Yoga Day was celebrated on 21.06.2022. A Yoga session was conducted to the Zoo staff.



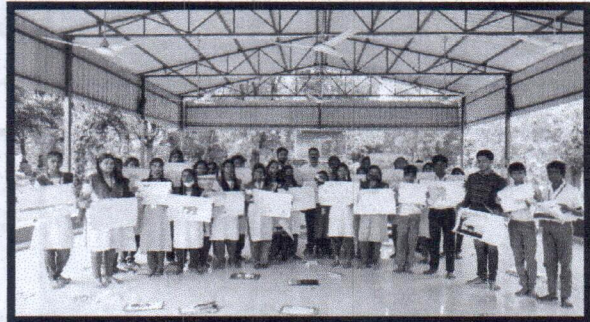
iv. International Tiger Day

Tiger Day was celebrated in the Zoo Park on 29.07.2022. State level programme was conducted in Zoo Park. This occasion was graced by Sri Peddireddy Ramachandra Reddy, Hon'ble Minister for Forest's and Sri. Y.Madhusudhana Reddy, IFS., Prl.CCF HoFF, A.P. Where photo exhibition, Rescue and Tranquilizing equipment were displayed, inauguration of Tiger selfie point and distributed mementos and certificates to the students participated in various competitions and to the animal keepers working in the Tiger enclosures, inauguration of website, photo album, brochures, and documentary film of NSTR.



v. World Elephant Day

World Elephant Day was celebrated on 12.08.2022 by conducting drawing competition and interaction session with the animal keeper to the students.



vi. Reintroduction of Cheetah in India

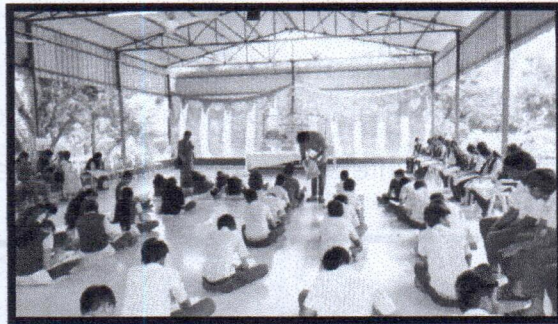
Celebrated Reintroduction of Cheetah in India by organizing awareness programme and a rally with the students in Zoo Park.



vii. 68th Wildlife Week Celebrations

68th Wildlife Week was celebrated from 2nd to 8th October, 2022. To create awareness among School children, by conducting rally, photo exhibition and various competitions like Online quiz, painting, Essay writing were conducted.

All the participants have been issued Participation Certificates and the winners have been appreciated with attractive prizes and Appreciation Certificates.



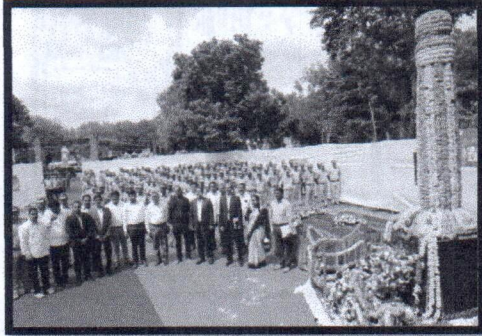
viii. International Zoo Keeper's Day

International Zoo Keepers Day was celebrated on 04.10.2022 in Zoo Park by appreciating Zoo keepers services in the zoo park.



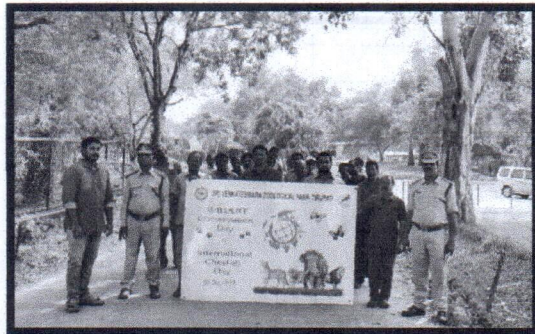
xi. Forest Martyr's Day

Forest Martyrs Day was observed on 10.11.2022 respectively. The Forest Martyr's family members have been invited and paid tributes to the Forest Martyrs at the Martyrs pylon. This occasion was graced by Sri Dr.Peddireddy Ramachandra Reddy, Hon'ble Minister for Forest's and Sri Y.Madhusudhana Reddy, IFS., Prl.CCF, HoFF, A.P.



x. Wildlife Conservation Day & International Cheetah Day

Wildlife Conservation Day & International Cheetah Day was celebrated on 04.12.2022 by taking Wildlife Conservation pledge and conducting a rally with zoo park staff and awareness programme to the visitors.



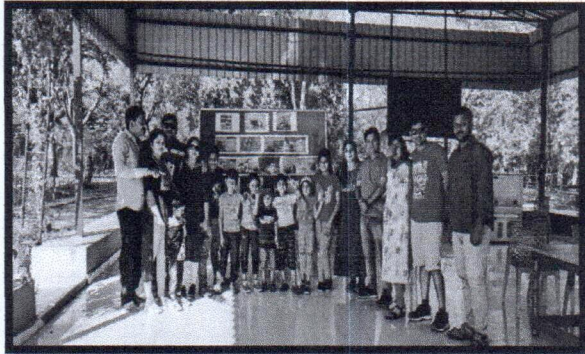
xi. Workshop on Snake Rescue & Rehabilitation

Workshop on Snake rescue and rehabilitation was conducted on 26.12.2022 to the forest department staff and students in the Zoo Park.



xii. World Hippo Day

World Hippo Day was celebrated in S V Zoological Park, Tirupati on 15.02.2023. On this day conducted awareness programme to the visitors by displaying photos.



xiii. World Wildlife Day

World Wildlife Day was conducted in S V Zoological Park, Tirupati on 03.03.2023. On this day organized training session on Wildlife photography, Awareness programme against zoonotic diseases to the zoo staff by SVIMS doctors, and conducted drawing and quiz competitions to the students.



xiv. World Sparrow Day

The Sparrow Day was conducted in S V Zoological Park, Tirupati on 20.03.2023 by conducting Workshop on making bird nests and feeders to the school students in collaboration with the Regional Science Centre, Tirupati.



xv. International Day of Forest

International Day of Forest's was celebrated in S V Zoological Park Tirupati on 21.03.2023 by conducting plantation programme with the zoo staff.



20. Important Events and Happenings

1	23.05.2022	:	World Turtle Day was celebrated.
2	05.06.2022	:	World Environment Day was celebrated
3	21.06.2022	:	International Yoga Day was celebrated.
4	29.07.2022	:	International Tiger Day was celebrated in S.V. Zoological Park, Tirupati
5	12.08.2022	:	World Elephant Day was celebrated in S.V. Zoological Park, Tirupati
6	22.09.2022	:	Organized awareness programmes on Reintroduction of Cheetah
7	02.10.2022 to 08.10.2022	:	68 th VanyapraniSaptah was celebrated in S.V. Zoological Park, Tirupati
8	10.11.2022	:	State Forest Martyrs Day was celebrated in S.V. Zoological Park, Tirupati
9	04.12.2022	:	Wildlife Conservation Day & International Cheetah Day was celebrated.
10	26.12.2022	:	Conducted Snake awareness programme to the Forest department staff and students.
11	27.01.2023 & 28.01.2023	:	Conducted Training Programme on Man-Animal Conflict Mitigation Strategies for Field Veterinarian & Forest Department Staff.
12	15.02.2023	:	World Hippo Day was celebrated.
13	03.03.2023	:	World Wildlife Day was celebrated in S V Zoological Park, Tirupati
14	04.03.2023	:	FRO Trainees visited the Zoo Park.
15	20.03.2023	:	World Sparrow Day was celebrated in S V Zoological Park, Tirupati
16	21.03.2023	:	International Day of Forests was celebrated.

21. Seasonal special arrangements for upkeep of animals

Summer Measures:

- Shower and water pond provided to Elephants
- Sprinklers provided in all Carnivore enclosures
- Sprinklers and foggers provided in bird aviaries
- Providing cooling effect by fixing of Khus Khus mats and sprinkling water during the hot hours of the day in all enclosures to reduce the effect of high temperatures.
- Providing green shade net for all Carnivore enclosures to minimise the effects of heat.
- Providing green shade net covered with thatches to Parrot World and Pheasantry.
- Provided green shade net for bird aviaries to minimise the effects of heat.
- Painting cool home on top of all the night houses to minimise the effect of heat.
- Providing air coolers, exhaust fans and wall fans to minimise the effects of heat.
- Wetting the sand and operating sprinklers during the hot hours of the day in the shade shelters for the safari animals.
- Providing thatches covered with coconut leaf in the display areas to provide shade to the animals.
- Providing water, mixed with glucose in the display areas to avoid dehydration among animals.
- Modification in diet of the animals by including fruits like Watermelon, Cucumber, Muskmelon etc.,
- Providing glucose, mineral mixture, electrolyte etc., along with water
- Providing Salt licks to herbivores.
- Providing bodha grass covered to shade shelters to minimize the effects of heat.

Winter Management

- Hot air blowers are provided in some night houses for old, diseased and young animals based on need to overcome the effects of cool temperatures, especially during nights.
- Night house provided with roofed shelters and dry paddy straw to provide warmth to the animals and to avoid occurrence of diseases like pneumonia.
- Taking suitable prophylactic measures to avoid occurrence of epidemics.

22. Research Work carried out and publications

23. Conservation Breeding Programme of the Zoo

The Conservation Breeding Centre for Grey Jungle Fowl was established with the support of Central Zoo Authority, Government of India. The construction of Conservation Breeding Centre for Grey Jungle Fowl was started in the off-display area opposite to the fodder plot, as approved in the master (layout) plan.

Eight blocks of aviaries of size 13.8 m x 6.1 m, each block with three cubicles of size 4.6 m x 6.1m each were established with rodent proof flooring. The height of the aviaries is 2.5m and 2.2m on front and rear sides respectively. The aviaries were covered with brick wall (9 inch thick) on the rear side, and the other three sides with 16-gauge GI chain link mesh of size ½ x ½ inch.

The Conservation Breeding programme started on 21.03.2014 with 33 Grey Jungle Fowl which were identified and maintained in the Zoo as founder population, for which genetic purity was tested by LaCONES, Hyderabad. Another 8 Nos. new pens were constructed during the year 2017-18. The Conservation breeding programme is under progress and the total population by the end of the financial year 2022-23 is around 63, with 32 male and 31 Female respectively.

24. Animal acquisition / transfer / exchange during the year 2022-23

A. Animals arrival in the Zoo				
SI.NO.	Species	Number (M: F)	From which Zoo	Date of arrival into the zoo

B. Animals given to the other Zoo				
SI.NO.	Species	Number (M: F)	Going to which Zoo	Date of deposition from the zoo

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

SI. No	Date of Rescue	Species with number of animals rescued with their sex (M: F: U)	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	13.06.2022	Spotted Deer 0:1:0	Wildlife Division, Tirupati	Report furnished by DFO, Tirupati	13.08.2022 S.V.National Park, Tirupati by DFO, Tirupati.	--
2	08.07.2022	Civet Cat 0:1:0	FRO, Piler	----	----	Kept in Zoo Park for treatment purpose.
3	09.03.2023	Spotted Deer	TTD Forest	Report furnished by DFO, Tirupati	Released in S.V.National Park, Tirupati by DFO, Tirupati.	--
4	10.03.2023	Royal Bengal Tigers 0:4:0	Deputy Director, NSTR Project, Atmakur	RC.No.55/2016/C1. Dt:19.06.2023		Kept under supervision/ observation, Hand rearing

**26. ANNUAL INVENTORY REPORT FOR 2022-23
SCH-I & SCH-II WILDLIFE PROTECTION ACT-1972**

Name of the Zoo: Sri Venkateswara Zoological Park, Tirupati

Sl. No.	Species	Stock as on 01.04.2022				During the year												Stock as on 31.03.2023			
						Births			Acquisition			Disposals			Deaths						
		M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
	BIRDS																				
1	INDIAN PEAFOWL (<i>Pavo cristatus</i>)	3	6	3	12	-	-	-	-	-	-	-	-	-	-	-	-	6	3	3	12
2	WHITE PEAFOWL (<i>Pavo cristatus</i>)	3	3	0	6	-	-	-	-	-	-	-	-	-	1	1	-	1	2	0	3
3	GREY JUNGLE FOWL (<i>Gallus sonneratai</i>)	2	3	0	5	2	2	-	-	-	-	-	-	-	2	1	-	3	4	0	7
4	KHALEEJ PHEASANT (<i>Lophura leucomelanos</i>)	1	0	0	1	-	-	-	-	-	-	-	-	-	-	-	-	1	0	0	1
5	INDIAN HORNBILL (<i>Buceros bicornis</i>)	1	1	0	2	-	-	-	-	-	-	-	-	-	-	-	-	1	1	0	2
	Total Birds: -	10	13	3	26	2	2	-	-	-	-	-	-	-	3	2	-	12	10	3	25
	MAMMALS																				
1	BLACK BUCK - (KRISHNA MRUG) (<i>Antilope cervicapra</i>)	37	32	7	76	-	-	8	-	-	-	-	-	-	-	1	-	37	31	15	83
2	FOUR - HORNED ANTELOPE (CHOWSINGHA) (<i>Tetraceros quadricornis</i>)	4	1	0	5	-	-	-	-	-	-	-	-	-	-	1	-	3	3	0	6
3	ASIAN ELEPHANT (<i>Elephas maximus</i>)	3	3	0	6	-	-	-	-	-	-	-	-	-	-	-	-	3	3	0	6

Sl. No.	Species	Stock as on 01.04.2022				During the year												Stock as on 31.03.2023 Acquisition			
						Births			Acquisition			Disposals			Deaths						
		M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
4	JACKAL (<i>Canis aureus</i>)	5	6	0	11	-	-	-	-	-	-	-	-	-	-	2	-	5	4	0	9
5	LEOPARD or PANTHER (<i>Panthera pardus</i>)	4	2	0	6	-	-	-	-	-	-	-	-	-	1	1	-	3	1	0	4
6	ASIATIC LION (<i>Panthera leo</i>)	1	0	0	1	-	-	-	-	-	-	-	-	-	-	-	-	1	0	0	1
7	HYBRID LION (<i>Panthera leo</i>)	8	6	0	14	-	-	-	-	-	-	-	-	-	1	-	-	7	6	0	13
8	SLOTH BEAR (<i>Melursus ursinus</i>)	3	4	0	7	-	-	-	-	-	-	-	-	-	1	-	-	2	4	0	6
9	BENGAL TIGER (<i>Panthera tigris</i>)	2	2	0	4	-	-	-	-	-	-	-	-	-	-	1	-	2	1	0	3
10	WHITE TIGER (<i>Panthera tigris</i>)	3	7	0	10	-	-	-	-	-	-	-	-	-	-	1	-	3	6	0	9
11	RHESUS MACAQUE (<i>Macaca mulatta</i>)	8	7	2	17	-	-	-	-	-	-	-	-	-	-	-	-	8	7	2	17
12	COMMON LANGUR (<i>Presbytis entellus</i>)	4	1	0	5	1	1	-	-	-	-	-	-	-	1	-	-	4	2	0	6
13	WILD DOG or Dhole (<i>Cuon alpinus</i>)	9	9	0	18	-	-	4	-	-	-	-	-	-	1	2	-	6	8	4	18

Sl. No.	Species	Stock as on 01.04.2022				During the year												Stock as on 31.03.2023 Acquisition					
						Births			Acquisition			Disposals			Deaths								
		M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T		
14	SWAMP DEER (<i>Cervus duvauceli</i>)	0	1	0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1	0	1
15	GAUR / INDIAN BISON (<i>Bos gaurus</i>)	6	3	0	9	1	2	-	-	-	-	-	-	-	-	-	-	-	-	7	5	0	12
16	INDIAN WOLF (<i>Canis lupus pallipes</i>)	0	1	0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1	0	1
17	JUNGLE CAT (<i>felis chaus</i>)	0	1	0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1	0	1
18	PALM CIVET (<i>Paradoxurus hermaphroditus</i>)	0	0	2	2	-	-	-	-	-	-	-	-	-	-	-	1	-	-	0	0	1	1
19	CHINKARA (<i>felis chaus</i>)	1	3	0	4	-	1	-	-	-	-	-	-	-	-	1	-	-	1	3	0	4	
	TOTAL MAMMALS	98	89	11	198	2	4	1	2	-	-	-	-	-	5	1	1	0	92	87	22	201	
	REPTILES																						
1	CROCODILES MARSH (MUGGER) (<i>Crocodilus palustris</i>)	0	0	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	1	1

Sl. No.	Species	Stock as on 01.04.2022				During the year												Stock as on 31.03.2023			
						Births			Acquisition			Disposals			Deaths						
		M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
2	SALT WATER CROCODILE (<i>Crocodilus porosus</i>)	1	2	3	6	-	-	-	-	-	-	-	-	-	-	-	-	1	2	3	6
3	GHARIAL (<i>Gavialis gangeticus</i>)	1	0	4	5	-	-	-	-	-	-	-	-	-	-	-	-	1	0	4	5
4	TERRAPIN (POND INDIAN) (<i>Batagur baska</i>)	0	0	15	15	-	-	-	-	-	-	-	-	-	-	-	-	0	0	15	15
5	INDIAN FLAP SHELL TURTLE (<i>Lissemys punctata</i>)	0	0	5	5	-	-	-	-	-	-	-	-	-	-	-	-	0	0	5	5
6	TORTOISE INDIAN STAR (<i>Geochelone elegans</i>)	24	49	0	73	-	-	-	-	-	-	-	-	-	4	6	-	20	43	0	63
7	PYTHON (<i>Python molurus</i>)	0	0	5	5	-	-	-	-	-	-	-	-	-	-	-	-	0	0	5	5
	TOTAL REPTILES	26	51	33	110	-	-	-	-	-	-	-	-	-	4	6	-	22	45	33	100
	TOTAL ANIMALS	134	153	47	334	4	6	12	-	-	-	-	-	-	12	18	1	126	142	58	326

Sl. No.	Species	Stock as on 01.04.2022				During the year												Stock as on 31.03.2023					
						Births			Acquisition			Disposals			Deaths								
		M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T		
	BIRDS																						
1	PARROT AFRICAN GREY (<i>Perithacus erithacus</i>)	1	1	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	3
2	ALBINO BUDGERIGARS (<i>Melopittacus undulatus</i>)	0	0	15	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	9	0	15
3	FISHER'S LOVE BIRDS (<i>Galloperdix lunulata</i>)	0	0	25	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	15	0	25
4	GREY COCKATIEL (<i>Nymphicus hollandicus</i>)	4	3	13	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	3	13	20
5	PATRIDGE GREY (<i>Francolinus pondicerianus</i>)	0	0	14	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	14	14
6	PELICAN GREY (<i>Pelecanus Philippensis</i>)	15	25	0	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	25	0	40
7	JAPANESE QUAIL (<i>Coturnix coturnix japonica</i>)	0	0	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	20	20
8	LUTINO BUDGERIGER (<i>Melopsittacus undulatus</i>)	0	0	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	20	20

Sl. No.	Species	Stock as on 01.04.2022				During the year												Stock as on 31.03.2023						
						Births			Acquisition			Disposals			Deaths									
		M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T			
	<u>BIRDS</u>																							
20	IBIS WHITE (<i>Threskiornis aethiopica</i>)	14	45	0	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	45	0	59
21	PHEASANT RING NECKED (<i>Chrysolophus pictus</i>)	1	1	0	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	0	2
22	GOLDEN PHEASANT (<i>Chrysolophus pictus</i>)	1	1	0	2	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	1	0	0	1
23	RED JUNGLE FOWL (<i>Gallus gallus</i>)	1	1	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0	0	1
24	ALEXANDRIAN PARAKEETS (<i>Psittacula eupatria</i>)	21	16	0	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	16	0	37
25	RED SPURFOWL (<i>Gallopedix spadicea</i>)	0	4	0	4	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	0	3	0	3
26	EMU (<i>Dromaius novaehollandicea</i>)	0	0	14	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	9	0	14
27	RED-CROWNED AMAZON (<i>Amazona autumnalis</i>)	1	1	0	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	0	2
28	ROSY PELICAN (<i>Pelecanus -roseus</i>)	1	2	0	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	0	3

Sl. No.	Species	Stock as on 01.04.2022				During the year												Stock as on 31.03.2023					
						Births			Acquisition			Disposals			Deaths								
		M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	T					
	BIRDS																						
29	HOUSE SPARROW (<i>Passer domesticus</i>)	4	5	0	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	5	0	9
30	GREEN WINGED MACAW (<i>Ara chloroptera</i>)	1	1	0	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	0	2
31	ELECTUS PARROT (<i>Eclectus roratus</i>)	1	0	0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	0	2
32	SUN CONURE(<i>Aratinga solstitialis solstitialis</i>)	1	1	0	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	0	2
33	JANDAYA CONURE (<i>Aratinga jandaya</i>)	1	0	0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	3
34	CHATTERING LORY (<i>Lorius garrulus garrulus</i>)	0	0	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	0	2
35	WHITE EYED CONURE (<i>Psittacara leucophthalma</i>)	0	0	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1	0	1
36	LIVINGSTONE TURACO (<i>Tauraco livingstonii</i>)	1	1	0	2	-	-	-	-	-	-	-	-	-	1	-	-	-	-	0	1	0	1
38	BLACK SWAN (<i>Cygnus atratus</i>)	2	1	0	3	-	-	1	-	-	-	-	-	-	-	-	-	-	-	2	1	1	4

Sl. No.	Species	Stock as on 01.04.2022				During the year												Stock as on 31.03.2023			
						Births			Acquisition			Disposals			Deaths						
		M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	T			
	BIRDS																				
39	DEMOISELLE CRANE (<i>Grus virgo</i>)	1	0	0	1	-	-	-	-	-	-	-	-	-	1	-	-	0	0	0	0
40	ZEBRA FINCH (<i>Taeniopygia guttata</i>)	1	2	0	3	-	-	-	-	-	-	-	-	-	-	-	-	1	1	0	2
41	NIGHT HERON (<i>Nycticorax nycticorax</i>)	0	2	0	2	-	-	-	-	-	-	-	-	-	-	-	-	0	2	0	2
42	COMMON BUZZARD (<i>Buteo buteo</i>)	1	2	0	3	-	-	-	-	-	-	-	-	-	1	-	-	1	1	0	2
43	HEAD CHESTNUT SANDGROUSE (<i>Pterocles exustus</i>)	5	5	-	10	-	-	-	-	-	-	-	-	-	3	5	-	1	0	0	1
	TOTAL BIRDS:	141	166	195	502	-	-	1	-	-	-	-	-	-	9	10	-	154	191	139	484
	MAMMALS																				
1	NILGAI - BLUE BULL (<i>Bose laphus tragocamelus</i>)	2	4	1	7	-	-	-	-	-	-	-	-	-	-	-	-	2	4	1	7
2	DEER SAMBAR (<i>Cervus unicolor</i>)	25	28	14	67	-	-	8	-	-	-	-	-	-	-	-	-	25	28	22	75
3	DEER SPOTTED – (CHITAL) (<i>Axis axis</i>)	37	41	11	89	-	-	9	-	-	-	-	-	-	1	-	-	37	40	20	97
4	WILD BOAR (<i>Sus scrofa</i>)	5	6	4	15	-	-	-	-	-	-	-	-	-	-	-	-	5	6	4	15
5	OLIVE BABOON (<i>Papio cynocephalus</i>)	1	0	0	1	-	-	-	-	-	-	-	-	-	-	-	-	1	0	0	1
6	INDIAN PORCUPINE (<i>Hystrix indica</i>)	0	0	0	0	-	-	-	1	1	-	-	-	-	-	-	-	1	1	0	2

Sl. No.	Species	Stock as on 01.04.2022				During the year												Stock as on 31.03.2023			
						Births			Acquisition			Disposals			Deaths						
		M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	T			
	BIRDS																				
7	BARKING DEER (<i>Muntiacus muntjak</i>)	1	5	0	6	-	-	2	-	-	-	-	-	-	1	-	1	4	2	7	
8	HOG DEER (<i>Axis procinus</i>)	2	1	0	3	-	-	-	-	-	-	-	-	-	1	-	2	0	0	2	
9	JAGUAR (<i>Panthera onca</i>)	2	0	0	2	-	-	-	-	-	-	-	-	-	-	-	2	0	0	2	
10	MANDRILL (<i>Mandrillus sphinx</i>)	0	1	0	1	-	-	-	-	-	-	-	-	-	-	-	0	1	0	1	
11	HAMADRYAS BABOON (<i>Papio hamadryas</i>)	0	1	0	1	-	-	-	-	-	-	-	-	-	1	-	0	0	0	0	
12	THAMIN BARKING (<i>Muntiacus muntjak</i>)	1	1	0	2	-	-	1	-	-	-	-	-	-	-	-	1	1	1	3	
13	HYENA (<i>Hyaenidae</i>)	1	1	0	2	-	-	-	-	-	-	-	-	-	-	-	1	1	0	2	
	TOTAL MAMMALS:	77	89	30	196	-	-	2	1	1	-	-	-	-	4	-	78	86	50	214	
	TOTAL ANIMALS:	218	255	225	698	-	-	2	1	1	-	-	-	9	1	-	232	277	189	698	

GREY JUNGLE FOWL

Sl. No.	Species	Stock as on 01.04.2022				During the year												Stock as on 31.03.2023			
						Births			Acquisition			Disposals			Deaths						
		M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	T			
1	GREY JUNGLEFOWL (<i>Gallus sonneratii</i>) Breeding Centre	32	31	0	63	-	1	-	-	-	-	-	-	-	-	1	-	32	31	0	63
	TOTAL:	32	31	0	63	-	1	-	-	-	-	-	-	-	-	1	-	32	31	0	63

ANIMAL RESCUE CENTRE

Sl. No.	Species	Stock as on 01.04.2020				During the year												Stock as on 31.03.2023			
						Births			Acquisition			Disposals			Deaths						
		M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	T			
	<u>RESCUE ANIMALS</u>																				
1	LION (<i>Panthera leo</i>)	0	6	-	6	-	-	-	-	-	-	-	-	-	-	3	-	0	3	0	3
	TOTAL ANIMALS:	0	6	-	6	-	-	-	-	-	-	-	-	-	-	3	-	0	3	0	3

Sl. No.	Type	Sch.I & II	Others	Total
1	Birds	25	484	509
2	Mammals	201	214	415
3	Reptiles	100	-	100
	Total	326	698	1024
4	A.R.C.		-	3
5	G.J.F.		-	63
				1090

27. Mortality of animals

**STATEMENT SHOWING ANIMALS AND BIRDS DEATH REPORT OF S.V.
ZOOLOGICAL PARK, TIRUPATI from 1st April, 2022 to 31st March, 2023
CZA. File No. 18 - 1 / 2008 - CZA (M) Dt: 25.03.2008**

Sl. No	Species	Date	Sex	Post Mortem Report No.	Cause of death as diagnosed through post mortem
I.	<u>Birds</u>				
1	Common Langur	01.05.2022	Male	01/2022-23	Snake Bite
2	Livingstone Turaco	10.05.2022	Male	02/2022-23	Severe leg injuries (Traumatic Shock)
3	Grey Jungle Fowl	11.05.2022	Male	03/2022-23	Severe injuries to the head and neck (Traumatic Shock)
4	Head Chestnut Sandgrouse	07.07.2022	Male	08/2022-23	Inanition
5	Silver Pheasant	07.08.2022	Female	11/2022-23	Traumatic shock
6	Common Buzzard	21.08.2022	Male	12/2022-23	Snake Bite
7	Silver Pheasant	13.09.2022	Male	13/2022-23	Traumatic shock
8	Spotted Deer	06.10.2022	Female	15/2022-23	Suppurative pneumonia
9	Demoiselle Crane	11.10.2022	Male	16/2022-23	Predator attack (Injuries)
10	Red Spurfowl	20.01.2023	Female	34/2022-23	Injury due to predator attack
11	Grey Junglefowl	24.01.2023	Male	35/2022-23	Asphyxia Snake attack
12	Silver Pheasant	17.02.2023	Female	36/2022-23	Senility, Multi organ failure
13	Chestnut Bellied Sandgrouse	18.02.2023	Male	37/2022-23	Predator attack, Head & Body injuries
14	Chestnut Bellied Sandgrouse	18.02.2023	Male	38/2022-23	
15	Chestnut Bellied Sandgrouse	18.02.2023	Female	39/2022-23	
16	Chestnut Bellied Sandgrouse	18.02.2023	Female	40/2022-23	
17	Chestnut Bellied Sandgrouse	18.02.2023	Female	41/2022-23	
18	Chestnut Bellied Sandgrouse	18.02.2023	Female	42/2022-23	
19	Chestnut Bellied Sandgrouse	18.02.2023	Female	43/2022-23	
20	Demoiselle Crane	12.03.2023	Female	44/2022-23	Senility

Sl. No	Species	Date	Sex	Post Mortem Report No.	Cause of death as diagnosed through post mortem
21	White Peafowl	15.03.2023	Female	45/2022-23	Internal haemorrhage Egg bound condition.
22	White Peafowl	18.03.2023	Male	46/2022-23	Suspected obstructive pneumonitis
23	Golden Pheasant	31.03.2023	Male	48/2022-23	Pneumonia
24	Golden Pheasant	31.03.2023	Female	49/2022-23	Pneumonia
25	Silver Pheasant	31.03.2023	Male	50/2022-23	Pneumonia
26	Silver Pheasant	31.03.2023	Female	51/2022-23	Pneumonia
27	Grey Junglefowl	31.03.2023	Female	52/2022-23	Pneumonia
	Mammals:				
1	Jackal	24.05.2022	Female	04/2022-23	Inanition and Hypovolemic shock
2	Wild Dog	26.06.2022	Male	06/2022-23	Catarrhal Enteritis with Asphyxia
3	Lion	29.06.2022	Male	07/2022-23	Senility, Pulmonary Adeno Carcinoma and Septicaemia
4	Barking Deer	26.08.2022	Female	10/2022-23	Inanition
5	Black Buck	30.09.2022	Female	14/2022-23	Internal haemorrhage, Traumatic Shock
6	Jackal	02.11.2022	Female	19/2022-23	Gastroenteritis with hepatic & Renal damage
7	Wild Dog	04.11.2022	Female	20/2022-23	Traumatic shock & hypovolemic shock
8	Hog deer	07.11.2022	Female	21/2022-23	Blood smear positive for Anthrax
9	Palm Civet Cat	10.11.2022	Unknown	23/2022-23	Senility & peritonitis
10	Royal Bengal Tiger	11.11.2022	Female	24/2022-23	Suppurative peritonitis, pyometra septicaemia
11	Leopard Common Panther	15.11.2022	Female	25/2022-23	Pulmonary oedema, mild hepatomegaly & renal damage, lead to septicaemia, splenomegaly suggestive of Lymphosarcoma of spleen
12	Wild Dog	20.11.2022	Female	26/2022-23	Traumatic shock & hypovolemic shock
13	Chinkara	23.11.2022	Female	27/2022-23	Traumatic shock due to Fracture of cervical vertebrae

Sl. No	Species	Date	Sex	Post Mortem Report No.	Cause of death as diagnosed through post mortem
14	White Tiger	13.12.2022	Female	28/2022-23	Multiorgan failure with Carcinoma growth
15	Hamadryas Baboon	26.12.2022	Female	29/2022-23	Senility and Multiorgan failure
16	Chowsingha	01.01.2023	Female	30/2022-23	Traumatic shock, Pneumonia
17	Common Leopard	15.01.2023	Male	33/2022-23	Snake Bite poisoning
18	Sloth Bear	23.03.2023	Male	47/2022-23	Cirrhosis, Polycystic kidney, Leptospirosis
	<u>Reptiles:</u>				
1	Star Tortoise	15.06.2022	Female	05/2022-23	Injuries
2	Star Tortoise	16.10.2022	Male	17/2022-23	Pneumonia
3	Star Tortoise	16.10.2022	Female	18/2022-23	Pneumonia & Peritonitis
4	Star Tortoise	01.01.2023	Male	31/2022-23	Pulmonary Haemorrhage, peritonitis
5	Star Tortoise	12.01.2023	Female	32/2022-23	Impaction of intestine
6	Star Tortoise	31.03.2023	Male	53/2022-23	Pneumonia
7	Star Tortoise	31.03.2023	Male	54/2022-23	Pneumonia
8	Star Tortoise	31.03.2023	Female	55/2022-23	Pneumonia, Ascites
9	Star Tortoise	31.03.2023	Female	56/2022-23	Injury due to predator attack
10	Star Tortoise	31.03.2023	Female	57/2022-23	Injury due to predator attack

28. Status of the Compliance with conditions stipulated by the Central Zoo Authority.

Sl. No	Norm No. under RZR	Condition Stipulated	Time Period to Compl y	Since when pending	Status with regard to compliance of the conditions as submitted by the Officer-in-charge of the Zoo
1	10.1(1)	The zoo should make efforts to add new bloodline in its prolific breeding species of Deer and antelopes to maintain population of physically, genetically and behaviorally healthy animals for furthering the cause of wildlife conservation.	One year	Three years	Efforts to add new blood line is under progress for deer and antelope species. The CZA approved proposal of Chinkara (1:1), Swamp Deer (1:2), Hog Deer (1:1) are to be obtained shortly on exchange from Kanpur Zoological Park, Kanpur. Similarly, Swamp Deer (2:2), Hog Deer (3:3) exchange proposal is in pipeline with were obtained on exchange from Thiruvananthapuram Zoological Garden, Thiruvananthapuram as an effort to add new blood line.
2	10.1(5)	The zoo should complete the construction of perimeter wall for remaining length.	One year	Five years	The total perimeter of Sri Venkateswara Zoological Park, Tirupati is around 19 Kms, out of which, the perimeter surrounded by human landscape comes to around 13 Kms. The construction of protection wall was completed over a length of entire 13 Kms. i.e., 8 Kms wall was constructed from near Tirumala Ghat Road to Srivari Metlu with funding from Infosys foundation and 5 Kms of wall was constructed from boundaries of Riksha colony, Lakshmi Puram, Dhalavai cheruvu to SBB Bricks. The balance length of 6 Kms boundary is running along the Tirumala Ghat Road and it is mostly a hilly and rocky terrain in continuation of RF. However, action will be taken to complete the balance 6 km boundary wall at the earliest.
3	10.1(5)	A perimeter wall of at least 2 meters high from the ground level shall be completed all around the zoo campus to stop the entry of free ranging wildlife and others into the zoo campus.	One year	Five years	The total perimeter of zoo park is around 19 Kms, out of which, the perimeter surrounded by human landscape comes to around 13 Kms for which already boundary wall has been constructed with a height of more than 2 mts.

Sl. No	Norm No. under RZR	Condition Stipulated	Time Period to Compl y	Since when pendin g	Status with regard to compliance of the conditions
4	10.1(5)	The zoo does not have perimeter wall for 15-25 Km length to stop entry of free ranging wildlife and other into zoo campus. The wall should be constructed urgently.	One year	Five years	The total perimeter of Sri Venkateswara Zoological Park, Tirupati is around 19 Kms, out of which, the perimeter surrounded by human landscape comes to around 13 Kms. The construction of protection wall was completed over a length of entire 13 Kms. i.e., 8 Kms wall was constructed from near Thirumala Ghat Road to Srivari Metlu with funding from Infosys foundation and 5 Kms of wall was constructed from boundaries of Riksha colony, Lakshmi Puram, Dhalavai cheruvu to SBB Bricks. The balance length of 6 Kms boundary is running along the Tirumala Ghat Road and it is mostly a hilly and rocky terrain in continuation of RF. However, action will be taken to complete the balance 6 km boundary wall at the earliest.
5	10.1(7)	The zoo should provide a proper waste disposal system for treating both the solid and liquid waste generated in the zoo.	One year	Three years	Waste Disposal pits were excavated, segregation/disposal of the left-over feed/flesh and bones/excreta of the animals/vegetable waste etc. is being undertaken in a scientific manner. Liquid wastes are disposed by connecting to the individual soak pits from the night houses.
6	10.1(7)	The existing arrangements for managing solid and liquid waste and storm water is not proper with no out-flow drain being available in the zoo. A proper drainage plan should be prepared and implemented in this regard.	One year	Three years	Master Drainage Plan is part of Master Plan which is already submitted to CZA and pending for approval. The zoo also has approached the TTD for required funds for construction of STP.
7	10.1(9)	The stray dogs are able to enter in the zoo premises, particularly near the graveyard. It needs to be addressed properly so that the chances of the entry of stray dogs are totally eliminated in the zoo. It is possible with the construction of boundary wall all along the periphery of the zoo.	One year	Two years	Already boundary wall has been constructed on the grave yard side and now the entry of stray dog into zoo premises is completely eliminated.

Sl. No	Norm No. under RZR	Condition Stipulated	Time Period to Compl y	Since when pendin g	Status with regard to compliance of the conditions
2. Administrative and staffing pattern:					
8	10.2(2)	The zoo shall have at least two full time Veterinarians to look after the health of animals.	One year	Complie d	There is no sanctioned post of Veterinarians in S.V. Zoological Park, Tirupati. However, two qualified veterinarians have been engaged on outsourcing basis to look after the health of the animals.
9	10.2(2)	An official with Masters' Degree in Wildlife Science/Zoology as full-time Curator, solely responsible for looking after the upkeep of animals and maintenance of animal enclosures should be deployed.	One year	Complie d	The present curator is DCF cadre officer from Indian Forest Service having qualification of Master degree in Forestry and having experience of working in tiger reserve and other important wildlife area. He is assisted with one ACF and one Assistant Curator (FRO cadre) for looking after the upkeep of animals and maintenance of animal enclosures.
10	10.2(2)	The zoo should have an Education Officer and Biologist for nature education and research work. The zoo does not have full time Education Officer and Biologist, Zoo should take action to appoint suitable technical staff for these posts.	One year	Complie d	There is no sanctioned post of Biologist and the Zoo Education Officer in S.V. Zoological Park, Tirupati. However, Biologist and Zoo Educational Officer with required qualification have been engaged on outsourcing basis till full time posts are sanctioned.
4. Animal housing, display of animals and animal enclosures:					
11	10.4(1 0)	The old or worn-out sign boards needs to be replaced on a regular basis, if possible, with eco-friendly material.	Six years	Three years	The old or worn-out sign boards are being replaced on a regular basis as and when necessary.
12	10.4(10)	Interactive interpretation facilities shall be provided for the purpose of explaining behaviour and biology of the species displayed in the enclosure	One year	Three years	One Interpretation Centre has been constructed with interactive interpretation facilities at the entrance to the visitors. Apart from animals this facility is also showcasing biodiversity of eastern ghats. One nature school is also functioning to conduct awareness programme for school children.

Sl. No	Norm No. under RZR	Condition Stipulated	Time Period to Comply	Since when pending	Status with regard to compliance of the conditions
5. Upkeep and healthcare of animals:					
13	10.5(5)	The drainage system in animal houses, post-mortem, commissary and veterinary unit should be provided with proper cover drain having outflow arrangements for the waste water.	Six years	Five years	Master Drainage Plan is part of Master Plan which is already submitted to CZA and pending for approval. The zoo has approached the TTD for required funds for construction of STP. However presently veterinary unit is having proper cover drain.
5. Upkeep and healthcare of animals:					
14	10.5(5)	The zoo should plan and implement proper waste disposal system for treating both the solid and liquid waste generated in the zoo	One year	Complied	Master Drainage Plan is prepared for holistic management of liquid waste and storm water, which will be implemented in true sense. However, Waste Disposal pits were excavated and segregation/disposal of the left-over feed/ flesh and bones/excreta of the animals/vegetable waste etc. is being undertaken in a scientific manner.
6. Veterinary and infrastructure facilities:					
15	10.6(1)	The zoo should acquire the equipment for Veterinary Hospital which are not available at present so that the basic diagnostic facilities are available in the hospital for proper medical care and treatment of the animals.	One year	Complied	The zoo hospital has been adequately provided with the essential equipment's for basic diagnosis (Colposcope, Doppler scanner, Microscope, UV therapy unit, Otoscope, X-Ray machine, Anesthesia apparatus etc., and whenever necessary, zoo is taking help of Veterinary University and state diagnostic laboratory which is 2 km away from the zoo.
7. Post-mortem and disposal of carcass of animals:					
16	10.7(4)	Zoo should provide incinerator for burning the carcasses of animals to avoid any adverse impact on the hygiene and cleanliness of the zoo.	One year	Five years	A building for operating of Incinerator has been constructed and the procurement of Incinerator will be made at an early date on receipt of funds.
9. Acquisition and breeding of animals:					
17	10.9(4)	The unpaired animals in the zoo should be provided with their pairs, such as Mandrill (F), Olive Baboon (M), and Jaguar (M)	One year	Eight years	All efforts are being made continuously to provide pairs to the unpaired animals such as Mandrill (F), Olive Baboon(M) and Jaguar (M) by coordinating with different zoos in India and abroad.

Sl. No	Norm No. under RZR	Condition Stipulated	Time Period to Compl y	Since when pendin g	Status with regard to compliance of the conditions
18	10.9(6)	The zoo should prepare a scientific conservation breeding plan, species recovery plans for the Grey Jungle Fowl for which it is carrying out conservation breeding programme.	One year	Seven years	Currently under conservation breeding programme, 32 breeding pairs of Grey Jungle fowl are housed in the conservation breeding center. A detailed conservation breeding plan will be prepared shortly in coordination with experts from WII, CCMB, SV veterinary university etc. to achieve the long-term goal of Grey Junglefowl Breeding programme. The present program has successfully bred the Fowls and the population at present is around 63. For release the zoo is planning to take the help of experts like WII.
19	10.9(9)	The population of Spotted Deer, Sambar, Blackbuck and Star Tortoise is high. Their number should be kept within the holding capacity of the enclosures available in the zoo, so that housing standards are not compromised. Population control measures should be implemented to safeguard against uncontrolled growth of the population of above said species.	One year	Five years	The population of Spotted deer, Sambar & Blackbuck in the enclosures is kept within the holding capacity by segregation of sexes and by shifting to Herbivore Safari. Further necessary action will be taken to release some excess animals into the wild with permission from the competent authority, duly following the rules in vogue.
10. Research activities:					
20	10.10	The zoo should implement a Research Plan and conduct research on the prioritized species and specific areas of concern.	Six years	Five years.	The Zoo has approached S.V. University, Padmavathi University & S.V. Veterinary University, Tirupati and Vedic University, Tirupati, IISER for taking up Research project. Also, independent Research scholars from various institutes are undertaking studies with the permission from Chief wildlife Warden.

29. List of free-living wild animals within the Zoo premises.

Mammals

- Leopard
- Wild Dog
- Sloth Bear
- Wild Boar
- Spotted Deer
- Sambar Deer
- Porcupine
- Small Indian Mongoose
- Jungle Cat

Reptiles

- Cobra
- Rat Snake
- Chameleon
- Russell's Viper
- Monitor Lizard

Birds

- Peafowl
- Grey Jungle Fowl
- Grey Francolin
- Painted Spur Fowl
- Japanese Quail
- Spotted Dove
- Greenish Warbler
- House Sparrow
- Rock Pigeon
- Asian Koel
- White Breasted Water Hen
- Wood Sandpiper
- Indian Pond - Heron
- Coppersmith Barbet
- Indian Golden Oriole

Curator,
S.V.Zoological Park,
Tirupati.

16/8/23

14/9/23