

INDIRA GANDHI ZOOLOGICAL PARKS

VISAKHAPATNAM

ANNUAL REPORT FOR THE YEAR
2017-18



Ramana Bhusala



YESODA BAI, R., IFS
Curator
Indira Gandhi Zoological Park
Visakhapatnam.

Curator's foreword

The Zoo has witnessed a phenomenal increase in visitation owing to well displayed animal exhibits in near natural enclosures and on account of improved visitor amenities provided. The zoo is one of the most favorite location inviting large crowds from Visakhapatnam city and places in and out of the State of Andhra Pradesh.

Greater emphasis is laid in the zoo for not only to improve the standards of animal health, hygiene, feed and living space, the men managing them are also placed on a higher pedestal where their minimum needs are met for creating better work environment. The man and animal relationship is intricately maintained in the Zoo, where the love for animals is the driving force for taking up a career in captive management.

On behalf of the Indira Gandhi Zoological Park, heartfelt gratitude is extended to one and all who in his/her own capacity had contributed for the betterment of the Zoological Park. The Animal Keepers, the Work Charged Employees, the Forest Section Officers, the Range Officers, Zoo Veterinarian, the Animal Rescue Centre Veterinarian are appreciated for their efforts to keep the system running smoothly. The contributors of animal adoption scheme are highly regarded for their love and support to zoo inmates.

I am extremely thankful to Sri P. Mallikarjuna Rao, IFS, Principal Chief Conservator of Forests (HoFF) (FAC) and N. Prateep Kumar, IFS., PCFF (Wild Life) & Chief Wildlife Warden (FAC) Andhra Pradesh, Guntur, Sri Rahul Pandey, IFS, CCF, Visakhapatnam for their continuous support, guidance and encouragement in the development and improvement of Zoo Park in general and bringing out this Annual Report for 2017-18 in particular.

**YESODA BAI, R., IFS
Curator
Indira Gandhi Zoological Park
Visakhapatnam.**

History of the Zoo

Indira Gandhi Zoological Park is located amidst Seethakonda Reserve Forest in Visakhapatnam, Andhra Pradesh. Declared open to the public on 19th May 1977, covers an area of 625 acres and situated between the beautiful scenic Eastern Ghats on three sides and Bay of Bengal on the fourth side. **One Hundred and Twenty three** species of animals numbering to **Eight hundred and forty three**, lesser carnivores, small mammals, reptiles, ungulates and birds are housed in natural ambiance. The unusual noteworthy facet of Indira Gandhi zoological park is of its free range animal species ranging between two beautiful hillocks within the premises of the park. The park has a large number of rare endemic and exotic trees and shrubs. Water bodies adjoining from Kambalakonda Wildlife Sanctuary are good water resources for the sustenance of various flora and fauna of the zoo park.

A tragic memory in 2014

The sprawling 625 acres zoo park is one of the greens and pretty in the city turned into a graveyard after the direct hit by HUD-HUD cyclone on 12th October 2014. Roar of wild animals, chirps of birds and soothing greenery was in shambles with the premises strewn with thousands of dried and uprooted trees. Although all the animals were kept safe, some animals from reptile section, ungulates, primates and birds section succumbed to the fury of the cyclone as their day kraals were completely destroyed.

The park remained closed for visitors for 2 months and kept open for the volunteers, officials and workers to cut the uprooted trees, clear the debris, clear the circular path and inner roads, making circulation path, repairs to the damages, restoration of water, feed, drainage and sanitation, plumbing and electrical works, reconstruction and restoration works to the damaged infrastructure. There were atleast 50,000 to 80,000 trees spread across 625 acres of which all have been damaged and collapsed.

But the park was restored back with the great and kind support of it's thousands of volunteers who put their sweat and blood to clear and help the authorities till it was open for visitors. Redeveloping the infrastructure, facilities for visitors, security, 1000 m compound wall construction, hospital restoration, feed section restoration, fodder plots with irrigation system restoration etc., were taken up on priority and could successfully see the complete resilience by now. Central Zoo Authority had extended its financial aid up to 2 crores rupees and another 2 crores were spent from gate revenue.

However the restoration was a happy beginning to the next era of the park. Disaster produced lot many zoo friends and volunteers in turn.

Our vision

Be the national leader in saving wildlife, to ensure the rich biodiversity for future generations, we envision an earth where human values are protected and the fauna and flora of the world is preserved. We are for fighting extinction of species on the earth.

Our Mission

Compliment the national efforts in conservation of wildlife through planned coordination, conservation breeding of endangered species of the region and develop empathy for wildlife amongst visitors and motivate them to support the cause of conservation.

Objective

Ex-situ conservation of endangered fauna with special focus on the endemic species of Eastern Ghats.

About Us

Sl.No.	Particulars	Information																						
1	Name of the Zoo	Indira Gandhi Zoological Park, Visakhapatnam.																						
2	Year of Establishment	19 th May 1977																						
3	Address of the Zoo	Indira Gandhi Zoological Park, Near Old Dairy Farm, NH5 Road, Visakhapatnam-530040.																						
4	State	Andhra Pradesh																						
5	Telephone Number	0891-2552081																						
6	Fax Number	0891-2552081																						
7	E-mail Address	igzpvizag@gmail.com																						
8	Website																							
9	Distance from nearest	Airport : 16 Km. Railway Station: 11 Km. Bus Stand : 8 Km.																						
10	Recognition Valid upto (Date)	22.03.2020																						
11	Category of Zoo	Large Zoo																						
12	Area (in Hectares)	625 Acres (253 Ha.)																						
13	Number of Visitors (Financial year)	Adult : 769892 Children : 159119 Total Indian : 928830 Total Foreigners : 181 Total Visitors : 929011																						
14	Visitor's facilities available in Zoo	<table border="1"> <tbody> <tr> <td>Awning sheds with total an area of 1400 sft</td> <td>3</td> </tr> <tr> <td>Small sheds</td> <td>18</td> </tr> <tr> <td>Ro with water cooler units all around with a capacity of liters</td> <td>8</td> </tr> <tr> <td>E – rickshaws</td> <td>8</td> </tr> <tr> <td>Battery operated vehicles</td> <td>3</td> </tr> <tr> <td>Toilets</td> <td>8</td> </tr> <tr> <td>Bio toilets</td> <td>1</td> </tr> <tr> <td>Open benches in the lawns and across circulation paths</td> <td>60</td> </tr> <tr> <td>Public Wi-Fi for free throughout the working hours</td> <td>Available</td> </tr> <tr> <td>Dustbins</td> <td>93</td> </tr> <tr> <td></td> <td></td> </tr> </tbody> </table>	Awning sheds with total an area of 1400 sft	3	Small sheds	18	Ro with water cooler units all around with a capacity of liters	8	E – rickshaws	8	Battery operated vehicles	3	Toilets	8	Bio toilets	1	Open benches in the lawns and across circulation paths	60	Public Wi-Fi for free throughout the working hours	Available	Dustbins	93		
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15	Weekly Closure Day of the Zoo	Monday																						

Management Personnel of the Zoo

16	Name with designation of the Officer in-charge	Smt. Yesoda Bai, R., IFS., Curator, Indira Gandhi Zoological Park
	Name of the Veterinary Officer	Dr. V. Srinivas Veterinary Assistant Surgeon
	Name of the Compounder / Lab Assistant	Sri S. Ravi Babu Junior Veterinary Officer

625 acres of total area includes hillocks water body and occupational area of animal houses.

350 acres of plain area

71 Total no of animal houses

15 acres area of natural water body. Birds get attracted to the serene environment of the water body.

50 acres area of sea shore plotted for Marine Land Complex.

Successful and exclusive breeding Center for wild dogs

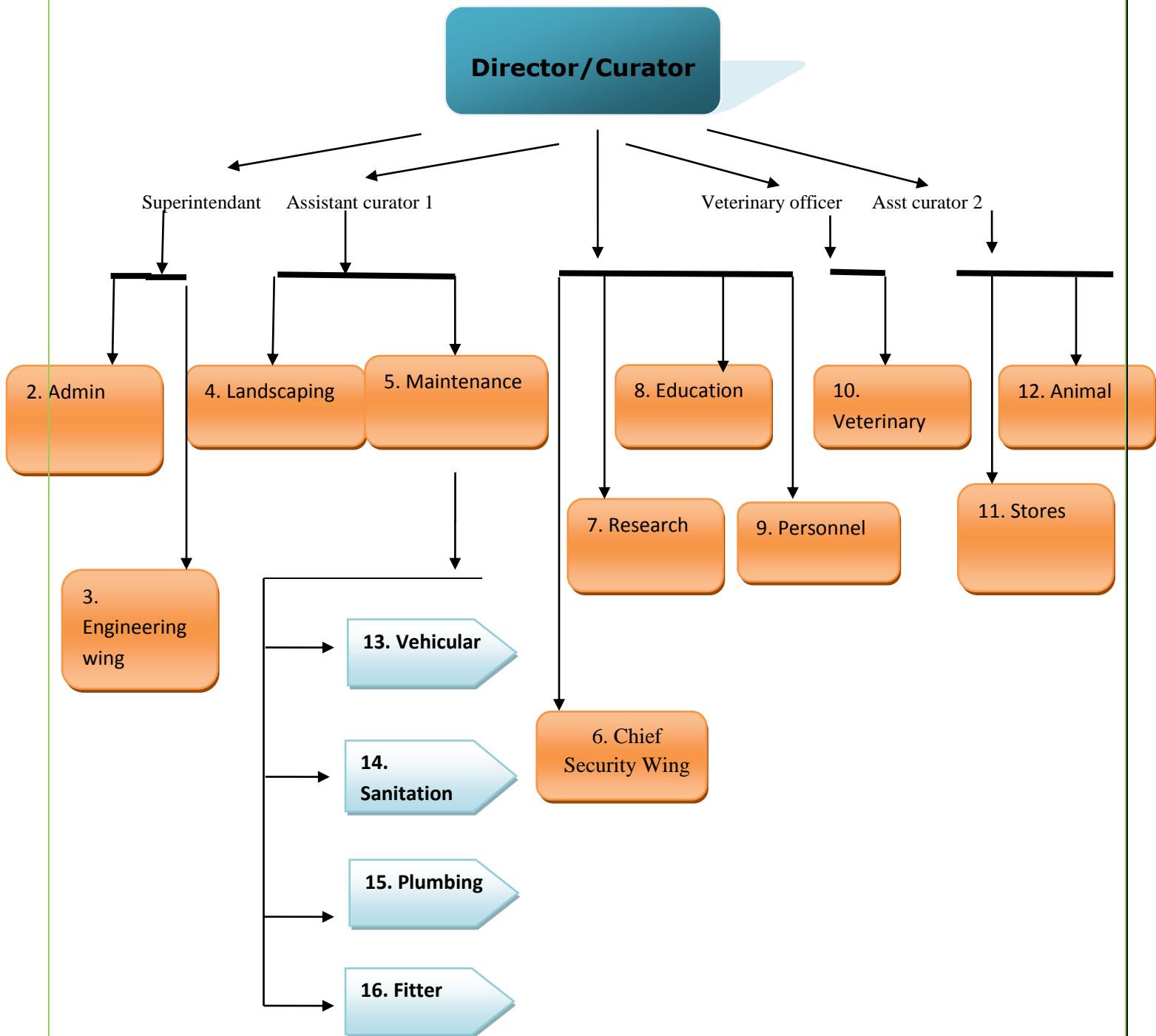
A prestigious animal rescue center for Lions and tigers alone

1st zoo in India to enable public WIFI in the park

10 acres of fodder plot to produce green feed for herbivores with own battery operated feed carrier.

Air conditioned Knowledge center with a capacity of 100 member's occupancy and digital display system attached.

Organizational Chart



Human Resources

Sl.No.	Name of the post	No.of posts sanctioned	No.of posts filled up	No.of posts vacant
1	Curator	1	1	-
2	Forest Range Officer	2	2	-
3	Veterinary Assistant Surgeon	1	1	-
4	Junior Veterinary Officer	1	1	-
5	Superintendent	1	1	-
6	Technical Officer (D.M.Gr.I)	1	1	0
7	Senior Assistant	1	1	-
8	Junior Assistant (incl. Store keeper)	3	2	1
9	Typist	1	-	1
10	Forest Section Officer	2	2	-
11	Booking Clerk	1	1	-
12	Office subordinate	1	1	0
13	Animal Keeper	25	8	17
14	Bungalow Watcher	1	-	1
15	Technical Staff (Carpenter)	4	3	1
16	Gate Keeper	2	1	1
17	Watchman	6	4	2
18	Labourer	3	1	2
19	Work Charged Employees	22	13	9
20	Driver	2	1	1
Total:		81	45	36

They are, Administrative, Animal, Veterinary, Sanitary, Stores, Education, Research, Gardening, Security, Maintenance and Engineering sections.

The Administrative work of the zoo including, establishment matter and finances are looked after and headed by the Office Superintendent and other ministerial staff.

The Animal Section is the lifeline of the zoo and its major job is to take care of the feed and upkeep of the animals and their well being. Each section is headed by the Animal Keeper who works under the Zoo Forest Range Officers who in-turn reports to the Curator.

The Veterinary wing is pivotal in Zoo management. It is headed by the Veterinary Assistant Surgeon and other staff like Junior Veterinary Officer, Veterinary Assistant, Lab Assistant, Compounder to assist him during routine checkup of animals and also under emergencies. The veterinary

wing is responsible for proper medical care, preventive & Prophylactic measures and also determines the Diet to zoo inmates

Store receives the daily requirements of all the animals and the feed being supplied to the animals shall be checked by the Veterinary Assistant Surgeon for its quality and then it is distributed to different animal houses as scheduled and as per requirement of each animal on day to day basis.

The Education Section is mandated with the dissemination of conservation awareness among zoo visitors. The Curator is the officer at the helm of affairs of this section.

The Research Section is carrying out the job of in-house data collection and basic research on various aspects of animals in captivity in the zoo.

The safety and security of the vast stretch of zoo including animals, visitors and infrastructure is taken care of by the Security Section. They are responsible to maintain round the clock vigil in the zoo.

Capacity Building of the 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	Sri B. Appala Reddy	Zoo Keepers training programme of Vision 2030.	From 10.02.2018 to 15.02.2018	Arignar Anna Zoological Park, Vandalur, Chennai.
2	Sri B.V. Ramana	Middle Level Officials Training Programme	From 11 th to 14 th December, 2017.	At Sanjay Gandhi Biological Park, Patna

To strengthen the skills, competencies and abilities of the Zoo personnel.

The Organization has imparted trainings to its personnel at various levels nationally.

- Training to Animal Keeper
- Training to Executive Staff

The Organization has also gained skills from it's personnel's visits to various Zoo and during their interactive sessions.

Zoo Advisory Committee

The Zoo Advisory Committee is to advise the Government on the proper implementation of the schemes and also for efficient & effective supervision and progress of work.

Official Members (New members) :

Sl. No	Designation	Designation in the Governing Body
1	Hon'ble Minister for Environment Forests, Science & Technology Dept.	Chairman
2	The Spl.Chief.Secy/Prl.Secy to Govt., EFS & T Dept.,	Member
3	The Prl.Secretary to Government, Finance Department (or) Representative.	Member
4	The Prl.Secretary to Government, MA & UD Department (or) Representative	Member
5	Prl.Chief Conservator of Forests, A.P, Hyderabad	Member
6	Dean, Veterinary Science, S.V.Veterinary University, Tirupathi.	Member
7	Commissioner/Director, Tourism Department.	Member
8	Chief Wildlife Warden (A.P)., Hyderabad.	Member
9	Vice Chancellor, Andhra Univeristy, Waltair	Member
10	District Collector, Visakhapatnam	Member
11	Conservator of Forests, Visakhapatnam	Member
12	VC & MD, VUDA, Visakhapatnam	Member
13	Superintendent Engineer, R&B Department, Visakhapatnam	Member
14	Joint Director, Animal Husbandry Dept., Visakhapatnam	Member
15	Commissioner, G.V.M.C., Visakhapatnam	Member
16	Curator, IGZP, Visakhapatnam	Member Secretary

Non-Official Members for Zoo Advisory Committee :

Sl. No	Name & Designation
1	Dr.Ram Murthy (Retd), MSc.Ph.D. PGDES Lecturer in Zoology. Andhra University, Visakhapatnam.
2	Dr. Madan Kalagara Pathologist. Vijaya Medical Centre, Visakhapatnam.
3	Sri A. Rambabu, S/o Polipalli Visakhapatnam.
4	Sri N. Ananda Rao S/o Ramadas Visakhapatnam.
5	Sri P.V. Giridhar, BA, B.L S/o Prakasa Rao (Advocate).
6	Sri Vasupalli Surya, B.E., S/o Vasupalli Ganesh Kumar Visakhapatnam.
7	Sri Saripalli Venkata Rao Visakhapatnam.
8	Sri Eagala Ravi Kumar Visakhapatnam.
9	Sri Garugubilli Yogeswara Rao Visakhapatnam.

Health Advisory Committee

The Health Committee Meeting has been convened under the Chairmanship of Curator, Indira Gandhi Zoological Park, Visakhapatnam and brought together the experts from Animal Husbandry, Veterinary Department and Zoo Management to review and discuss the following issues related to Wild Animal Husbandry Practices.

Committee comprising of :

1. Sri B.Vijaya Kumar, - Chairman
Curator
Indira Gandhi Zoological Park,
Visakhapatnam.
2. Dr. N. Koteswara Rao - Member
Joint Director
Animal Husbandry
Visakhapatnam.
3. Dr. P. Srinivasa Rao - Member
Deputy Director,
Animal Husbandry
Visakhapatnam.
4. Dr. S.Nagamani - Member
Assistant Director (AH)
ADDL
Visakhapatnam
5. Dr. K. Basava Reddy - Member
Officer In-charge
Veterinary Hospital
Visakhapatnam
6. Dr. V. Srinivas - Member
Veterinary Assistant Surgeon
Indira Gandhi Zoological Park,
Visakhapatnam

- 7 Smt. K. Uma Maheswari - Member
Assistant Curator-I
I.G.Z.P,
Visakhapatnam.
8. Sri M. Raja Rao - Member
Assistant Curator-II
I.G.Z.P,
Visakhapatnam.

Health management issues discussed during committee meeting :

1. 21.07.2017

- A) Precautions to be taken during the Rainy season :
- B) Vaccination Status :
- C) Diet and Nutrition during this season :
- D) Medication & Care for Senile Animals :



2. 25.11.2017

- The Curator, Indira Gandhi Zoological Park, Visakhapatnam has explained the need of the meeting to all the Members which includes Central Zoo Authority alert notice on " bird flu" (Avian influenza) and health issues of inmates

- The preparedness and surveillance plan for Avian influenza (Bird flu) prepared by the Indira Gandhi Zoological Park, Visakhapatnam management has been discussed in length (copy enclosed)
- The health issues of sloth bear (Vajra), old animals health condition viz., jaguar, cheetahs, panther (Raghu- 22 years), barasingha (26 years) squirrels etc.,
- The vaccination schedule & other prophylactic schedule are as per schedule & intime
- Winter diet is being advocated & reviewed.

10.01.2018

The Curator, Indira Gandhi Zoological Park, Visakhapatnam has explained the need of the meeting to all the Members which includes Central Zoo Authority alert notice on "bird flu" (Avian influenza) and health issues of inmates

Our Financials

Statement of Income and Expenditure of the Zoo

Indira Gandhi zoological park a non-profit organization relies primarily on the funding from Central Zoo Authority (CZA) and government of Andhra Pradesh. The park receives its income from zoo entry pass for persons and vehicles and also generates annual income in terms of annual leases like parking operations, canteen facility, nocturnal animal house, small souvenir shop and aquarium etc.

We have been planning to strengthen our management practices through ensuring optimum utilization of financial resources, design of strategies to improve visitor experience with starting more interactive live exhibits and safaris thereby increase gate revenue.

Year	Releases & expenditure	Normal State Plan (PAO)	Non plan (Treasury)	CZA ARC	CZA IGZP	CZA HudHud	PBZR Scheme including Adoption	Total
2017-18	Releases	30.000	675.000	59.862	95.220	13.009	296.136	1227.765
	Expenditure	29.813	501.996	51.559	2.395	13.009	225.200	823.972

Daily feed schedule of animals :

Zoo veterinary team regularly checks the quality of feed supplied to animals and also accountable to change the diet chart based on the season. In this peak summer supply of fresh drinking water, fruits and vegetables have been increased to ensure that the animals stay hydrated and healthy. The diet plan of each animal too has been tweaked. Overall beef consumption has been reduced for the big cats. Vitamin C tablets, B-Complex tablets, Glucon-D, electrolyte powder and seasonal fruits are part of the diet during summer.

Sl.No	Species Name	Feed item	Quantity
1	HIMALAYA BLACK BEAR	Bananas	1 Dozen
		Apples	1 No
		Grapes	50 gms
		Oranges	6 Nos
		Sugar cane	6 Pieces
		Honey	250 gms
		Cooked maize (java)	2 kgs
		Bread + Milk	2 kgs + 1 lit
		Boiled Eggs	2 Nos
		Papayya	500 gms
		Kheera	1 kg
		Water melon	5 kgs
Guava	6 Nos		
2	SLOTH BEAR	Bananas	1 Dozen
		Honey	250 gms
		Oranges	6 Nos
		Cooked maize (java)	2 kgs
		Bread + Milk	2 kgs + 1 lit
		Boiled Eggs	2 Nos
		Papaya	500 gms
		Kheera	1 kg
		Guava	6 Nos
		Sugar cane	2 pcs

3	HIPPOS	Green grass	20 - 25 kgs
		Cattle feed	10 kgs
		Kheera	10 kgs
		Tomato	2.5 kgs
		Carrots	5 kgs
		Amaranthus	5 kgs
		Beet root	1 kg
		Pumpkin	5 kgs
		Cabbage	1 kg
		S.Potato + Potato	2.5 kgs
4	ELEPHANTS	Cattle Feed	5 kgs
		Grass	100 kgs
		Ragi java	4 - 5 kgs
		Ficus / Ragi leaves & Stem	20 kgs
		Broken Rice	1 kg
		Jaggery	1 - 2 kgs
		Salt	100 gms
		Bananas	3 kgs
		Sugar cane	50 - 60 kgs
		Coconut leaves	4 leaves
		Banana fronds	2 stems
5	BISON	Cattle feed	4 kgs
		Green grass	20 kgs
		Peepal leaves	5 kgs
		Carrots + Bananas	5 kgs
6	BARKING DEER / CHOWSINGHA / HOG DEER / BLACK BUCK / SPOTTED DEER	Cattle feed	1 kg
		Green grass	Ad lib
		Amaranthus	2 Bundles
		Carrots	250 gms
		Cabbage	100 gms
		Kheera dosa	
		Pumpkin	
Bengal gram			
7	SAMBAR / NILGAI	Cattle Feed	1 1/2 - 2 kgs
		Green grass	Ad lib
		Carrots + Cabbage	1/2 kg
		Kheera	
		Pumpkin	
8	BONNET / RHESUS /	Bengal gram	25 gms

	STUMPED TAILED MACAQUE	Apple	1/4 Piece
		Banana	4 Nos
		Bread + Milk	50 gms
		Mangoes	1/4 No.
		Guava	1 No
		Carrots	1 No.
		Ground Nuts	100 gms
		Pine apple	50 gms
		Water melon	100 gms
		Papaya	100 gms
		Ber	50 gms

9	STAR TORTISE	Cabbage	25 gms
		Carrots	25 gms
		Palak leaves	25 gms
		Bengal gram	25 gms

10	TERRAPAN	Fish pieces	100 gms
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11	PYTHONS	Live Chicken	1 / week
		Live Rats	1 / week

12	RAT SNAKES / COBRA	Frogs	6 - 8 / week
		Rats	1 - 2 / week
		Day old chicks	1 - 2 / week

13	TIGERS & LIONS	Beef	5 - 7 kgs
		Beef Liver	100 gms
		Boiled Milk	1/2 Lits

14	PANTHERS / PUMAS / JAGUARS	Boiled Milk	1/2 Lit
		Beef	3 kgs

15	HYENA	Beef	3 kgs
		Beef Liver	50 gms

17	WILD DOGS	Chicken	1/2 kg
		Beef Liver	50 gms
		Beef	2 kgs.

18	JACKAL	Beef	1.5 kgs
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		Beef Liver	50 gms
19	ESTUARINE CROCODILE	Beef	1 kg /day
20	MARSH CROCODILE	Beef	1 kg /day
21	GHARIALS	Fish	1 kg /day
22	JUNGLE CAT	Beef	1/2 kg
		Beef Liver	25 gms
23	BIRDS OF PREY	Chicken	4 kgs / all birds
24	TODDY CAT	Beef	1/4 kg
		Beef Liver	25 gms
25	OWLS	Beef	50 gms
26	PORCUPINE	Potatoes	100 gms
		Carrots	100 gms
		Bengal gram	100 gms
27	WILD BOAR	Cattle feed	1 kg
		Potatoes	1/2 kg
		Carrots + Cabbage	1 kg
28	PHEASANTS & MACAWS	Poultry feed	150 gms
		Green Leaves	50 gms
		Meal worm	50 gms
		Pamogranates	6 Nos
29	BUDGERIAGARS & LOVE BIRDS	Bird feed	50 gms
30	COCKTAIEL	Bird feed	100 gms
31	PELICANS	Fish	1 kg
32	PAINTED STORK	Fish	1/2 kg
33	AFRICAN PARROTS & COCKATOOS	Bird feed	100 gms
		`	100 gms
34	GIRAFFE	Bananas	1/2 kg
		Apples	1/4 kg
		Onion	1 kg
		Carrot	1 1/2 kg

		Horsegram	1 1/2 kg
		Bengalgram	3/4 kg
		Green gram	1/4 kg
		Cut branches	60 kgs
		Sweet potato	1/4 kg
		Orange	300 grms
		Cabbage	1/2 kg
		Water melon	2 kgs
		Keera	2 kgs
		DC Oats+Wheatbran+Barely+Maize	2 kgs
		Palak	1 kg
35	SACRED BABOON (6 Nos)	Grain fodder	600 grms
		Apples	2.250 kgs
		Beet Root	150 grms
		Cabbage	1.250 kgs
		Tomato	300 grms
		Cucumber	600 grms
		Onion	150 grms
		Cauliflower	150 grms
		Radish	300 grms
		Carrot	2.100 kgs
		Potato Cooked	300 grms
		Sweet potato Cooked	300 grms
		Pineapple	300 grms
		Sweetlime	600 grms
		Grapes	1 kg
		Melon Fruit	300 grms
		Green leaves	600 grms
		Grass	1-1 1/2 kgs
		Bioled Eggs (Wed 7 Sat)	6 nos.
		Cooked Meat (Monday)	1.200 kgs
36	CHIMPANZEE (3 Nos)	Water melon	1 -2 Nos (3 Kgs)
		Banana	12 Pieces (1 Kg)
		Apple	6 Nos (1 Kg)
		Guava	9 Nos (1/2 Kg)
		Sweetlime	6 Nos (1 Kg)
		Bread	1 No (300 gms)
		Boiled Eggs	3 Nos
		Soaked Bengal gram	1/4 Kg
		Palak	10 Small bundles (100 gms)

	Amaranthus	10 Small bundles (100 gms)
	Sweet potato	300 gms
	Keera	1 - 2 Kgs
	Carrot	1 Kg
	Tomato	6 Nos (1/4 Kg)
	Pine apple	1 No (1 Kg)
	Grapes	1/2 kg
	Drumsticks	3 Nos (1/4 Kg)
	Onion	3 Nos (100 gms)
	Jam	50 gms
	Sweet corn	6 Nos / Weekly
	Naredu	300 gms
	Pamogranites	3 Nos (1/2 kg)
	Tharbuja	3 Nos / Weekly
	Papaya	1 No (1 kg)
	Honey	1 Kg

Note: All the above feeds for all the different animals are subjected to the seasonal availability.

Vaccination Schedule of animals :

Animal health care is one of the important disciplines in the management of the zoos. The health care system is monitored by the zoo veterinarian assisted by senior Veterinary Officer, veterinarian assistant, Biologist and Lab Technician. Both animal section and veterinary section work hand in hand to ensure upkeep of animals in all aspects. As per the C.Z.A guidelines, zoo hospital is equipped with an inpatient ward, quarantine section, diagnostic laboratory, post-mortem room and incinerator, tranquilization equipment.

A set of Prophylactic protocols and preventive medical schedules are followed very strictly in accordance with latest scientific journals.

Sl.No.	Species	Vaccination for	Name of the Vaccine & Dosage	Periodicity
1	Canines	Rabies	Nobivae/ Detensor R 1 ml	Once in year
2	Canines	Canine Distemper, Adenovirus Type 2, Hepatities, Para inthreria, para virus, Leptospira, Canisolac, L. Sisppotypoisa, Le. Scterohaemorrhagae and L.Pomona.	9 in one, 1 ml	Once in year
3	Feline	Feline Calivirus, Feline Rhinotractetis and Feline Panlencopiesia virus	Feligen 1 ml	Once in year
4	Canines & Felines	Anti protozoal (Typnnormiosis)	Trizosis	Once in year

De-worming Schedule of animals :

Sl.No.	Species	Drugs used for	Month
1	Herbivores	Fenbendazole/ Ivermectin / Albendazole/ Praziquantel	Mass De-worming once in every 3 months
2	Carnivores	Fenbendazole/ Ivermectin / Albendazole /Praziquantel / Dectomax	Mass De-worming once in every 3 months.
3	Aves	Piperzine/Fenbendazole/ Ivermectin/ Albendazole	Mass De-worming once in every 3 months.
4	Reptiles	Piperzine/Fenbendazole/ Ivermectin/ Albendazole	Mass De-worming once in every 3 months.
5	Primates	Fenbendazole/ Ivermectin/ Albendazole	Mass De-worming once in every 3 months.



Disinfection Schedule of animals :

Sl.No.	Species	Enclosure for	Disinfectant used and method	Frequency of Disinfection
1	Herbivores	Terrestrial	Butox Spray	Once in every 3 months.
2	Carnivores	Terrestrial	Butox Spray	Once in every 3 months.
3	Aves	Terrestrial / Aquatics	Bleach & Lime Sprinkling	Once in every 3 monts.
4	Reptiles	Terrestrial / Aquatics	Bleach & Lime Sprinkling	Once in every 3 months.
5	Primates	Terrestrial	Butox Spray	Once in every 3 months.

Health Check-up of Employees for Zoonotic diseases :

❖ EYE SCREENING CAMP

Indira Gandhi Zoological Park, Visakhapatnam management organised the "EYE SCREENING CAMP" with help of ANITS – NRI Medical College, Tagarapuvalasa to all Zoo employees including Zoo Security Guards on 30th October, 2017 in Zoo Bioscope as a part of the Staff welfare activity.



❖ DENTAL CAMP

The Zoo management conducted "DENTAL CAMP" with help of Gadam Dental Clinic to all employees of the Zoo Park to enlist the importance of dental care and also disseminate about common oral diseases etc.



Development works carried out in the Zoo during the year :

- ❖ Improving Security Measures by providing CCTV Surveillance in the Zoo Park.
- ❖ Providing Public Wi-Fi facility in Zoo Park, which is first of its kind to establish free Wi-Fi network inside the park.
- ❖ Providing RO systems for the welfare of the Visitors in the Zoo Park.
- ❖ Providing Bio-Toilets for the visitors in the Zoo Park.



Bio-Toilet

RO Plant



Education and Awareness Programmes during the year :

❖ **Summer Camp (25th May to 27th May, 2017) :**

The **Indira Gandhi Zoological Park**, Visakhapatnam in association with Vizag based NGO organization 'Trendsetters' focuses on organizing summer camp in the zoo premises for children belonging to classes 6th , 7th and 8th standards. The summer camp organized from May 25th to May 27th between 8 am to 11 am.



❖ **World Environment Day (5th June, 2017) :**

The Indira Gandhi Zoological Park, Visakhapatnam management has organized "Interactive Workshop on theme of **Connecting People to Nature** on the eve of the World Environment Day, 2017" with help of Zoo brigades / volunteers and Green Climate (NGO) organization, involving youth and volunteers from Zoo Brigade and green climate. Interactive workshop held and set the platform to discuss on role of youth in environment protection and farmers & fisherman role in environment protection etc.



❖ **World Ocean Day (8th June, 2017) :**

The Indira Gandhi Zoological Park, Visakhapatnam has organized Guest lecture by Scientists from National Institute of Oceanography (NIO) & Central Institute of Fisheries Technology (CIFT), Visakhapatnam to all " Zoo educators " on the eve of World oceans day on 8th June, 2017, with the theme "**Our Oceans, Our Future**".





❖ **World Day for Combating drought and desertification (17th June, 2017) :**

The Indira Gandhi Zoological Park, Visakhapatnam in coordination with the Green Climate – NGO organized the dibbing of Native seed balls to spread the message of combating drought and desertification on the eve of the World day for combating drought and desertification on 17th June, 2017.

The theme of "OUR LAND – OUR HOME" was advocated and celebrations were held at Indira Gandhi Zoological Park, Visakhapatnam by involving the 100 students and Andhra University professors.



❖ International Tiger Day (29th July, 2017) :

The Indira Gandhi Zoological Park, Visakhapatnam in coordination with Paryavarna Margadarsi Vaisakhi (NGO), Trend Setters (NGO) organizations and with active involvement of College, School children, Vizag Zoo friends celebrated **International Tiger Day** on 29th July, 2017 with great success by conducting Rally, Tiger talk and screening of film on Tiger Conservation etc.



❖ **World Elephant Day (12th August, 2017) :**

World Elephant Day has been celebrated in benefitting manner on 12th August, 2017 in Indira Gandhi Zoological Park, Visakhapatnam at Elephant enclosure to create awareness of the urgent plight of Elephants and its habitats and to share knowledge and positive solutions for the better care and management of captive and Wild Elephants.

The related activities organized like Talk on Elephant by Zoo Veterinarian, Film show in Zoo Interpretation Centre etc., were covered in Media.



❖ **World Ozone Day (16th September, 2017) :**

The Indira Gandhi zoological park, Visakhapatnam has observed the World Ozone day on 16th September 2017 as part of its annual calendar events. We have conducted an awareness program in the zoo with the association of Green climate, NGO. Students , volunteers and visitors participated in the program .



❖ **World Rhino Day (22nd September, 2017) :**

World Rhino Day has been celebrated in benefitting manner on 22nd September, 2017 in Indira Gandhi Zoological Park, Visakhapatnam at Rhino enclosure to create awareness about Rhinoceros and its habitats and to share knowledge and positive solutions for the better care and management of captive and Wild Rhinoceros.



❖ **World Wildlife Day (3rd March, 2018) :**

Indira Gandhi Zoological Park, Visakhapatnam and Paryavarana Margadarsi Visakha Organisation jointly organised the “ **WORLD WILDLIFE DAY**” at Zoo Bioscope on 3rd March, 2018 to call up on people to help raise awareness and to take action to ensure the survival of the World Big Cats and its precious and fragile Biological diversity. **Theme : “Big Cats – Predators under Threat”.**



❖ World Sparrow Day (20th March, 2018) :

Vizag Zoo management organised awareness camp on the eve of World Sparrow day to celebrate the relationship between "PEOPLE AND SPARROWS" on 20th March, 2018 involving the visitors of the Zoological Park.

The Curator, Indira Gandhi Zoological Park, Visakhapatnam explained this year theme of "I Love Sparro" including Impatance of common House Sparrow and threats being caused to the habitat of the species.



Important Events and Happenings in the Zoo :

❖ **Children's Day (14th November, 2017) :**

On the eve of Childrens Day i.e., on 14th November, 2017, Indira Gandhi Zoological Park, Visakhapatnam offered FREE ENTRY to Children below 12 years and 2735 childrens belongs to 19 schools enjoyed the facility today.

Zoo management screened the films on Wildlife Conservation and Zoo animals at Zoo Bioscope to all the children as a part of Zoo inreach educational activity and the zoo officials interacted with children to enlist their support of cause of conservation and to understand enthusiasm of the children.



❖ **63rd WILDLIFE WEEK CELEBRATIONS (1st Oct to 7th Oct, 2017) :**

63rd Wildlife Week Celebrations were organized by the Indira Gandhi Zoological Park, Visakhapatnam management with help of NGO's and Zoo Volunteers from 1st to 7th October, 2017 in benefitting manner to create awareness among the General Public on Wildlife Conservation etc.

All the Children below 12 years were given free entry in to the Zoo Park and 5243 children availed the facility and got the Conservation inputs from Zoo volunteers & staff.

As a part of the week long celebrations different competitions were held on different Wildlife themes to update their understanding on the Conservation issues.

Sl. No.	Name of the Competition	Date on which held	No.of students participated
1	Painting /Drawing	01.10.2017	90 Nos.
2	Essay writing (Telugu)	02.10.2017	20 Nos.
3	Essay writing (English)	03.10.2017	53 Nos.
4	Elocution (Telugu)	04.10.2017	14 Nos
5	Elocution (English)	05.10.2017	14 Nos
6	Skit	06.10.2017	70 Nos
Total no. of students participated from 59 Schools:			261

State level Valedictory of 63rd Wildlife Week Celebrations were conducted on 7th October, 2017 at Indira Gandhi Zoological Park, Visakhapatnam by inviting Sri Sidda Raghava Rao garu, Hon'ble Minister for Environment, Forests, Science & Technology, Government of Andhra Pradesh and Sri Ch. Ayyanna Patrudu, Hon'ble Minister for Roads & Buildings, Government of Andhra Pradesh in presence of Prl.Chief Conservator of Forests (HoFF), Andhra Pradesh; Prl.Chief Conservator of Forests (WL) & CWW, Andhra Pradesh; Addl.Prl.Chief Conservator of forests (Wildlife) and Zoo Advisory Committee members.

All the prize winners in competition held during the Wildlife Week Celebrations were given Certificates & Mementos through the Chief Guests. The participation of students, parents and School/College management and citizens were well recognized and covered in all news papers at State & National level (Print media clippings of valedictory).



PCCF (WL) & CWV Sri N. Prateep Kumar, IFS., presenting memento to Hon'ble Minister of EFS & T, Govt. of A.P.



Events conducted: DRAWING Competition.



ESSAY writing Competition



SKIT Competition



❖ **World Photography Day (19th August, 2017) :**

On the eve of World Photography day 19th August, 2017, Indira Gandhi Zoological Park, Visakhapatnam offered a Wildlife Photographs display at its Bioscope Centre.

The Wildlife Photography was done by the Park's Section Officer Mr.B.Venkata Ramana who had captured wonderful clicks of all our zoo inmates in its naturalistic enclosures.

Chief Guest Sri S. Ravi Shankar Narayanan, IRS, Addl. Commissioner of Income Tax, Visakhapatnam launched the Photo gallery at Bioscope of Indira Gandhi Zoological Park, Visakhapatnam. Sri R.S. Arvindakshan IRS, Joint Commissioner of Income Tax, Visakhapatnam switched on the video play of all zoo animals housed in the park and complete life cycle of Danaid Egg butterfly capture in the park.

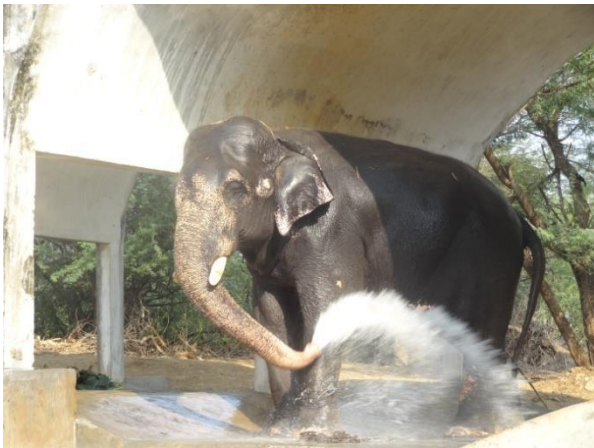


Felicitation to Sri B.Venkata Ramana, Forest Section Officer, Indira Gandhi Zoological Park, Visakhapatnam

Seasonal Special arrangements for upkeep of animals :

- Zoo has been keen on animal care by providing its best during summer especially. Provided air coolers for chimps and sloth bears enclosure
- All houses of birds are covered with Pamela mats and used gunny bags in the sides to prevent heat.
- All night houses roof was painted with cooling agents to resist from heat
- Facilitated air coolers for chimpanzees in their night house
- Arranged pedestal fans to big and small carnivores
- Arranged sprinklers to regulate temperature at all day houses
- Covered green mesh to the top of Butterfly closed park and covered with palm leaves to the top of all birds houses.
- Diet chart also changed accordingly
- All water moats conceal treatment was remade and ensured water sustained in the body.
- Special care for free range fauna also has been extended in terms of providing water, green feed, deworming medication mix with feed etc.





Conservation Breeding Programme of the Zoo :

The Asiatic Wild dog or Dhole (*Cuon alpinus*) belongs to the order Carnivore and family canidae. Destruction of natural habitat, hunting has reduced the wild populations to the verge of extinction. This endangered species have been placed under Schedule-I of the Wildlife Protection Act, 1972.

For conservation and breeding this species, Indira Gandhi Zoological Park, Visakhapatnam, Andhra Pradesh, India started with one male, two females and one pair of pups (1:1) which were fell into the open moat of the Vizag Zoo enclosure in 1992 & 1994 respectively.

The natural environment provided at Indira Gandhi Zoological Park (IGZP), Visakhapatnam has gives breeding success which may set an example for other zoos in the country.

Conservation Research initiatives:

The Indira Gandhi Zoological Park, Visakhapatnam has the history of breeding of Wild dogs in captivity with wild captured specimens from 1992 onwards till 2006 with the stock of 12 (6:6).

In the year 2006, Indira Gandhi Zoological Park, Visakhapatnam has got sanction of the Small Grants Fellowship for initiating research activities from Central Zoo Authority, New Delhi with an objective **"to study the reproductive biology, breeding behavior, enrichment needs of the Wild dogs in captivity and observation on growth and cub development in captivity"** under the project leadership of Sri B. Vijaya Kumar, Curator, Indira Gandhi Zoological Park, Visakhapatnam.



Wild dog with pups



OTHER ANIMALS BREEDING IN OUR ZOO



Animal acquisition / transfer / exchange during the year:

The (2) two female Elephants Saraswathi (54 yrs) and Laxmi (22 yrs) are transported by duly all precautions from Aurangabad to Indira Gandhi Zoological Park, Visakhapatnam on 13.12.2017 (Midnight) and housed at Elephant enclosure in Indira Gandhi Zoological Park, Visakhapatnam along with (2) male Elephants in Indira Gandhi Zoological Park, Visakhapatnam.

A. Animal arriving in the Zoo

H.No.	Species	Number (M:F)	From Which Zoo	Date of arrival in the Zoo
	Elephant	(0:2)	Aurangabad Municipal Corporation Zoo, Aurangabad.	13.12.2017.

The JUNGLE CATS (2 nos) male are transported from Indira Gandhi Zoological Park, Visakhapatnam, Andhra Pradesh to Nawab Wajid Ali Shah Zoological Garden Hazratganj, LUCKNOW, Uttar Pradesh by Road.

B. Animals going from the Zoo

H.No.	Species	Number (M:F)	Going to which Zoo	Date of arrival in the Zoo
	Jungle Cat	(2:0)	Nawab Wajid Ali Shah Zoological Garden, Lucknow	13.03.2018.





Rescue and Rehabilitation of the Wild animals carried out by the Zoo :

Sl. No.	Date of Rescue	Species with number of animals rescued with their sex (M:F:U:T)	Received from	Date of Submission of Report to the CWLW / CZA	Action taken	
					Date and Place of Rehabilitation in their habitat	Reasons for housing in the Zoo, if not released in their habitat
1	2	3	4	5	6	7
1	02.05.2017	Giant Squirrel 1:1	Forest Department Jangareddy Gudam.	-	Shifted to Enclosure at NH	-
2	02.0.2017	Common Monitor Lizard 11 Nos	Animal Welfare Activist, Visakhapatnam.	-	Shifted to Reptile enclosure on 23.07.2017	-
3	02.07.2017	Patridges 9 Nos		-	Shifted to Love Birds enclosure	-
4	02.07.2017	White breasted water hens 10 Nos		-	Reverse in to Wild on 12.07.2017	-
5	08.07.2017	Rhesus Macaque 1 (M)	Rescued	-	Inpatient ward	-

6	19.07.2017	Indian Civet 1:0:3	Rescued at Zoo safari	-	Shifted to NH on 19.07.2017	-
7	22.07.2017	Bonnet Monkey 1 (M)	Rescued in Zoo moat	-	Inpatient ward	-
8	14.12.2017	White Beaked Vulture 1 (U)	Forest Department Proddutur	-	Inpatient ward	-
9	20.05.2018	Langur 1 (M)	Rescued at Payakarao peta, VSP	-	Inpatient ward	-
10	20.06.2018	Langur 1 (M)	Rescued by VSPCA, VSP	-	Inpatient ward	Due to Parraplegia

Annual Inventory of animals :

PART- A

ANNUAL INVENTORY REPORT FOR THE YEAR 2017-18 OF I.G.Z.PARK, VISAKHAPATNAM

Endangered species

Sl. No.	Animal Name	Scientific Name	Opening stock as on 01-04-2017				Births			Acquisitions			Total			Disposals			Deaths			Closing stock as on 31-03-2018			
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
1	Asiatic Lions.	Panthera leo	1	0	0	1							1	0	0				1			0	0	0	0
2	Royal Bengal Tiger	Panthera tigris tigris	0	2	0	2							0	2	0							0	2	0	2
3	White Tiger	Panthera tigris tigris	2	3	0	5							2	3	0							2	3	0	5
4	Panthers	Panthera pardus	2	1	0	3							2	1	0				1			1	1	0	2
5	Jaguars	Panthera onca	1	0	0	1							1	0	0							1	0	0	1
6	Wild Dogs	Cuon alpinus	7	12	0	19	14	0	5				21	12	5				2	1		19	11	5	35
7	Elephants	Elephas maximus	2	0	0	2					2		2	2	0							2	2	0	4
8	Sloth Bears	Melursus ursinus	1	4	0	5							1	4	0					2		1	2	0	3
9	Rhinoceros	Rhinoceros unicornis	1	0	0	1							1	0	0							1	0	0	1
10	African Cheetah	Acinonyx jubatus	1	1	0	2							1	1	0					1		1	0	0	1
TOTAL ANIMALS:			18	23	0	41	14	0	5		2		32	25	5				4	4		28	21	5	54

PART- B

ANNUAL INVENTORY REPORT FOR THE YEAR 2017-18 OF I.G.Z.PARK, VISAKHAPATNAM

Other species																											
Sl. No.	Animal Name	Scientific Name	Opening stock as on 01-04-2017				Births			Rescued / Acquisitions			Total			Disposals			Deaths			Closing stock as on 31-03-2018					
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T		
BIRDS																											
1	Rosy pelicans	<i>Pelecanus onocrotales</i>	1	2	0	3							1	2	0						1			1	1	0	2
2	Grey Pelicans	<i>Pelecanus philippensis</i>	1	0	0	1							1	0	0									1	0	0	1
3	Grey Herons	<i>Ardea cinerea</i>	1	1	2	4							1	1	2									1	1	2	4
4	Painted storks	<i>Mycteria leucocephala</i>	8	10	0	18							8	10	0									8	10	0	18
5	Adjutant storks	<i>Leptoptilos dubius</i>	1	0	0	1							1	0	0									1	0	0	1
6	Red Jungle Fowls	<i>Gallus gallus</i>	4	0	0	4							4	0	0				2					2	0	0	2
7	Grey Jungle Fowls	<i>Gallus sonneratii</i>	2	0	0	2							2	0	0									2	0	0	2
8	White Ibis.	<i>Threskiornis melanocephalus</i>	0	0	2	2							0	0	2									0	0	2	2
9	Scavenger Vulture	<i>Neophron peronopterus</i>	0	0	0	0							0	0	0									0	0	0	0
10	Common Pariahkite	<i>Milvus migrans</i>	0	0	3	3							0	0	3									0	0	3	3
11	White Cockatoos	<i>Cacatua alba</i>	1	1	0	2							1	1	0									1	1	0	2
12	Sulphur Crested Cockatoo	<i>Cacatua galerita</i>	1	1	0	2					1		1	2	0					1				1	1	0	2
13	Goffins Cockatoos	<i>Cacatua goffini</i>	2	0	0	2							2	0	0									2	0	0	2

14	Rose ringed Parakeet	<i>Psitacula krameri</i>	9	10	0	19							9	10	0					9	10	0	19
15	Alexandrine Parakeet	<i>Psittacula eupatria</i>	10	8	0	18							10	8	0					10	8	0	18
16	Hill Mynah	<i>Gracula religiosa</i>	2	0	2	4							2	0	2				1	1	0	2	3
17	Common Peafowl	<i>Pavo cristatus</i>	15	16	8	39							15	16	8				2	13	16	8	37
18	White Peafowl	Pavo cristatus	2	0	0	2							2	0	0					2	0	0	2
19	Golden Pheasants	Chrysolophus pictus	2	2	0	4							2	2	0					2	2	0	4
20	Silver Pheasants	Lophura nycthemera	1	2	0	3							1	2	0					1	2	0	3
21	Red spur fowl	<i>Galloperdix spadicea</i>	2	0	0	2							2	0	0				1	1	0	0	1
22	Lady Amhrest Pheasant	Chrysolophus amherstiae	2	1	0	3							2	1	0					2	1	0	3
23	White bellied sea eagle	Haliaeetus leucogaster	0	0	0	0							0	0	0					0	0	0	0
24	Budgerigar	Melopsittacus undulatus	7	8	0	15							7	8	0					7	8	0	15
25	Peach faced Love bird	Agapomis roseicollis	4	1	0	5							4	1	0					4	1	0	5
26	Blue peach face love bird	Agapomis roseicollis	7	6	0	13							7	6	0					7	6	0	13
27	Love Bird Yellow	Agapomis roseicollis	1	1	0	2							1	1	0					1	1	0	2
28	Cockatails - White	Nymphicus hollandicus	5	4	0	9							5	4	0					5	4	0	9
29	Cockatails - Grey	Nymphicus hollandicus	2	3	0	5							2	3	0					2	3	0	5
30	Emerald parakeets	Psittacula calthropae	1	0	4	5							1	0	4					1	0	4	5
31	Lutino parakeets	Nymphicus	3	3	3	9							3	3	3					3	3	3	9

		hollandicus																															
32	Indian Great Horn Owl	Bubo bubo	2	0	0	2						2	0	0							2	0	0	2									
33	Barn Owl.	Tyto alba	2	1	0	3						2	1	0							2	1	0	3									
34	Emus	Dromaius novaehollandiae	8	5	0	13						8	5	0						1			7	5	0	12							
35	Sun conure	Aratinga solstitialis solstitialis.	1	1	0	2						1	1	0									1	1	0	2							
36	Jandya conure	Aratinga jandaya	1	3	1	5						1	3	1									1	3	1	5							
37	Ostrich	Struthio camelus	2	2	0	4						2	2	0							1			1	2	0	3						
38	Violet Naped Lory	Lorius domicella	1	1	0	2						1	1	0									1	1	0	2							
39	Orange winged Amazon	Amazona amazonica	0	1	0	1						1	1	0									1	1	0	2							
40	Green winged Macaw	Ara chloropterus	1	1	0	2						1	1	0									1	1	0	2							
41	Blue Gold Macaw	Ara ararauna	1	1	0	2						1	1	0							1			0	1	0	1						
42	African grey parrot	Psittacus erithacus	0	1	0	1						0	1	0									0	1	0	1							
43	Golden Mantle Rosella	Platycercus eximius	1	0	0	1						1	0	0									1	0	0	1							
44	Mute Swan	Cygnus olor	0	1	0	1						0	1	0									0	1	0	1							
45	Black Swan	Cygnus atratus	1	1	0	2						1	1	0									1	1	0	2							
46	Grey Parakeet	Psittacus erithacus	2	1	0	3						2	1	0									2	1	0	3							
47	Eclectus Parakeet	Electus roratus	1	1	0	2						1	1	0									1	1	0	2							
	TOTAL BIRDS:		121	101	25	247						1	1										122	102	25			9	2	113	100	25	238

Sl. No.	Animal Name	Scientific Name	Opening stock as on 01-04-2017				Births			Acquisitions			Total			Disposals			Deaths			Closing stock as on 31-03-2018			
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
MAMMALS																									
1	Jackals.	Canis aureus	4	7	4	15	5	5	3				9	12	7				1			8	12	7	27
2	Hyenas.	Hyaena hyaena	1	1	0	2			3				1	1	3				1			1	1	2	4
3	Jungle Cat.	Felis chaus	3	2	0	5							3	2	0	2						1	2	0	3
4	Toddy cat	Viverricula hermaphodates	3	1	0	4							3	1	0							3	1	0	4
5	Rusty Spotted Cat	Prionailurs rubiginosus	1	0	0	1							1	0	0				1			0	0	0	0
6	Spotted Deers	Axis aaxis	14	14	8	36							14	14	8							14	14	8	36
7	Sambars	Cervus unicolor	13	24	6	43							13	24	6							13	24	6	43
8	Nilgai	Boselaphus Tragocamleus	1	2	2	5	3						4	3	1				1			3	3	1	7
9	Indian Gaurs	Bos gaurus	4	1	2	7		2					5	3	1							5	3	1	9
10	Wild Boars	Sus scrofa	5	1	3	9							5	1	3							5	1	3	9
11	Hippopotamus	Hippopotamus amphibius	1	1	0	2							1	1	0				1			0	1	0	1
12	Chowsingha	Tetracerus quadricornis	1	3	0	4							1	3	0							1	3	0	4

13	Barking Deers	Muntiacus muntjak	6	5	3	14						6	5	3					6	5	3	14
14	Black Buck	Antilope cervicapra	24	40	13	77						24	40	13					24	40	13	77
15	Hog deer	Axis porcinus	1	4	0	5						1	4	0					1	4	0	5
16	Barasingha	Rucervus duvaucelii	0	1	0	1						0	1	0					0	1	0	1
17	Giraffe	Giraffa	1	1	0	2						1	1	0					1	1	0	2
18	Chimpanzees	Pan	1	2	0	3						1	2	0					1	2	0	3
19	Rhesus Monkeys	Macaque mulatla	1	2	0	3						1	2	0			1		1	1	0	2
20	Bonnet Monkeys	Macaca radiata	8	9	4	21						8	9	4					8	9	4	21
21	Stump Tail Monkeys	Macaca aretoides	0	1	0	1						0	1	0					0	1	0	1
22	Ring tailed Lemurs	Lemur catta	4	3	1	8	2	1				4	5	2					4	5	2	11
23	Marmoset	Callithris jacchus	1	0	0	1						1	0	0					1	0	0	1
24	Sacred Baboons	Papio hamadryas	1	4	0	5						1	4	0			1		0	4	0	4
25	Porcupines	Hystrix indica	3	3	0	6						3	3	0			1		3	2	0	5
26	Giant Squirrel	Ratufa indica	1	1	0	2			2			3	1	0					3	1	0	4
	TOTAL MAMMALS:		103	133	46	282	8	9	7	2		114	143	51	2		6	2	107	141	50	298

Sl. No.	Animal Name	Scientific Name	Opening stock as on 01-04-2017				Births			Acquisitions			Total			Disposals			Deaths			Closing stock as on 31-03-2018			
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T			
REPTILES																									
1	Estuarine	Crocodylus	0	1	6	7								1	1	5			1			0	1	5	6

Mortality of Animals :

DEATH REPORT FOR THE YEAR 2017-18 OF INDIRA GANDHI ZOOLOGICAL PARK, VISAKHAPATNAM

Sl.No	Animal Name	Scientific Name	Age	Sex	Date of Death	Reason for Death
1	2	3	4	5	6	7
1	Rhesus Monkey	<i>Macaca mulatta</i>	35	F	20.05.2017	Due to acute renal failure.
2	Rosy Pelicon	<i>Pelecanus onocrotalus</i>	23	F	16.05.2017	Due to Cardio myopathy-cardiac failure.
3	Porcupine	<i>Erethizon dorsatum</i>				Outside animal not in Zoo inventory. Due to typographical error it was included.
4	Common Peafowl	<i>Pavo cristatus</i>	8	M	27.06.2017	Due to Severe trauma leading to shock.
5	Jackal	<i>Canis aureusindicus</i>	7	M	02.07.2017	Due to myocarditis, multi organ failure.
6	Esturine Crocodile	<i>Crocodylus porosus</i>	5	M	13.08.2017	Due to severe trauma leading to severe blood loss and further due to shock.
7	Red Jungle fowl	<i>Gallus gallus</i>	13	M	19.08.2017	Due to acute myocarditis due to senility.
8	Rusty Spotted Cat	<i>Prionailurus rubiginosus</i>	7	M	27.08.2017	Due to senility caused by multi organ failure.
9	Marsh Crocodile	<i>Crocodylus palustris</i>	38	F	31.08.2017	Due to multi organ failure due to senility.
10	Lion	<i>Panthera leopersica</i>	13	M	12.09.2017	Due to Multi organ failure.
11	Blue Gold Macaw		10	M	15.09.2017	Due to cardiac arrest caused by myocardial infarction.
12	Wild Dog	<i>Cuon alpinus</i>	8	M	16.10.2017	Due to internal bleeding and septicaemia
13	EMU	<i>Mromaius novaehollandiae</i>	10	M	20.10.2017	Due to severe trauma leading to shock because of infighting.

14	Sulphur crested cockatoo.	<i>Cacatuagalerita</i>	35	F	23.10.2017	Due to Cardiac arrest caused by senility.
15	Hill mynah	<i>Gracula religiosa</i>	15	M	14.10.2017	Due to cardio pulmonary failure
16	Ostrich	<i>Stuithio camelus</i>	15	M	21.11.2017	Due to severe trauma in cervical vertebrae region
17	Sacred Baboon	<i>Papio hamadryas</i>	12	M	23.11.2017	Due to Snake bite
18	Hippopotamus	<i>Hippopotamus amphibius</i>	17	M	17.11.2017	Due to strangulation of intestine with semi digested sand.
19	Sloth Bear	<i>Melursus ursinus</i>	35	F	10.12.2017	Due to Multi organ failure because of senility.
20	Nilgai	<i>Boselopharus tragocamelus</i>	16	M	18.12.2017	Due to acute myocardial infarction
21	African Cheetah	<i>Acinonyx jubatus jubatus</i>	7	F	31.12.2017	Due to myocardial infarction & per acute cystites
22	Red Jungle fowl	<i>Gallus gallus</i>	12	M	10.12.2017	Due to cardio pulmonary arrest due to senility.
23	Common Peafowl	<i>Pavo cristatus</i>	9	M	24.01.2018	Due to shock caused by Sever trauma due to head injury.
24	Wild Dog	<i>Cuon alpinus</i>	15	F	15.01.2018	Due to Septicemia
25	Panther	<i>Panthera pardus</i>	23	M	09.02.2018	Due to Cirehosis and Hepatitis due to Senility leading to shock & death.
26	Hyeana	<i>Hyaena hyaena</i>	2	M	22.02.2018	Due to Cardio-Pulmonary failure (Myocarditis)
27	Wild Dog	<i>Cuon alpinus</i>	5	M	20.03.2018	Due to peracute pneumonia along with cirrhosis
28	Sloth Bear	<i>Melursus ursinus</i>	25	F	06.03.2018	Due to Liver failure and Cardio pulmonary arrest.
29	Red Spur fowl	<i>Galloperdix spadicea</i>	35	M	08.03.2018	Due to multiorgan failure caused by senility.

List of free living wild animals within the Zoo premises :

Mammals:

1. Flying fox
2. Common grey mongoose
3. Indian Palm civet
4. Sambar deer
5. Cheetal
6. Black napped hare
7. Jackal
8. Porcupines
9. Wild boar.



BIRDS:

1. Grey hornbill
2. Black naped oriole
3. Common tree pie
4. Common Mynah
5. Black Drongo
6. Sun birds
7. Darters
8. Painted storks
9. Woodpecker
10. Wood owls
11. Eagle owl
12. White Bellied Sea-eagle
13. Brahminy Kite
14. Grey heron
15. Alexandrine parakeet
16. Rose ringed parakeet
17. White Breasted Kingfisher
18. Quails
19. Spur fowl
20. Grey pelican
21. Coppersmith **barbet**
22. Ashy wood swallow
23. Shikra



Reptiles:

1. Garden lizard
2. Indian cobra
3. Rat snake
4. Pythons
5. Bridal snake
6. Russell's viper.
7. Yellow Green Cat snake



Yellow Green Cat Snake



Bridal Snake

8. Brahmini Worm snake
9. Bronze back tree snake
10. Bamboo pit viper
11. Common monitor lizard
12. Terrapins/turtles
13. Common Green Vine snake
14. East Indian Leopard Gecko
15. Wolf snake



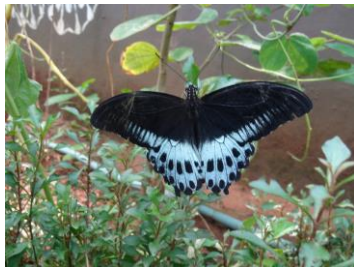
East Indian Leopard



Brahminy Blind Snake

Butterflies (118 species)

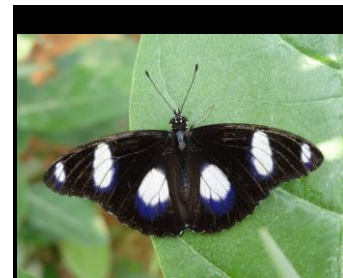
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|---|--|
| <ol style="list-style-type: none"> 1. Crimson rose 2. Blue Mormon 3. Common banded Peacock 4. Danaid egg fly 5. Blue pansy 6. Tailed jay 7. Lime butterfly 8. Leaf blue 9. Indian oke blue 10. Chestnut sailer 11. Joker 12. Painted lady | <ol style="list-style-type: none"> 13. Common leopard 14. Tawny caster 15. Plain tiger 16. Common Pierrot 17. Blue Tiger 18. Double banded Crow 19. Common Crow 20. Dark Blue Tiger 21. Pea blue 22. Tiny Glass blue. 23. Grass jewel 24. Cabbage White..... |
|---|--|



Blue Mormon



Striped tiger



Danaid egg fly

Amphibians:

1. Common Indian toad
2. Indian skittering frog
3. Wart frog
4. Indian bull frog
5. Burrowing frog
6. Indian Tree frog
7. Ornate narrow-mouthed frog



Indina Skittering Frog



Indian Tree frog

Others



Clouded Indian Gecko



Bamboo Pit Viper



Common Cat Snake



Checkered Keelback



Barred Wolf Snake



Indian Black Turtle