



GOVERNMENT OF ANDHRA PRADESH  
FOREST DEPARTMENT



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**ANNUAL REPORT  
2018-2019**

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Sarus Crane



**INDIRA GANDHI ZOOLOGICAL PARK**

*Visakhapatnam, Andhra Pradesh*





*It's not whether animals will survive;  
it's whether man has the will to save them*

*- Anthony Douglas Williams*





“The future is at  
our **Doorstep**. We must  
endeavour to bequeath  
to our children not a  
denuded environment but  
a better and richer **India.**”

**-Smt. Indira Gandhi**







## From Curator's Desk

Indira Gandhi Zoological Park, Visakhapatnam, is doing outstanding work in ex-situ conservation for last four decades. Zoo is home to varied fauna belonging to 90 species and 805 individuals. The collective and relentless effort of officers and staff has gone long way in bringing the facility to current stage. Zoo has always received excellent support from local people and media. Park took several activities to improve visitor amenities and welfare of housed animals. Facilities damaged during Hud-Hud received uplift and repairing. Main entrance gate was beautified, rest shelters, drinking water purifiers were added. Enclosures of Tiger, Elephant and Sloth Bear were renovated.

IGZP has taken several steps during the year to achieve its ultimate goal of becoming a national leader in ex-situ conservation. Zoo added five new species to its collection through animal exchange programs. Zoo enhanced its capacity in handling endangered animals through such exchange programs. Zoo keepers, veterinary staff and management teams visited two large and two medium zoos to enhance their capacity. The Park stands to gain considerable scientific knowledge and experience by such exchanges.

Andhra Pradesh Disaster Recovery Project (APDRP), being funded by the World Bank, aims to create world class animal enclosure and visitor facilities in IGZP. I am happy to state that work on comprehensive master plan and Detailed Project Reports (DPRs) have already started and the facilities proposed to be created will take the zoo to next level and would make it one of the preferred tourist destinations of Andhra Pradesh.

I take this opportunity to express my heartfelt gratitude to Sh. Neerabh Kumar Prasad, IAS Special Chief Secretary, EFS&T Department, Sh. N. Prateep Kumar, IFS PrI.CCF (HoFF), Andhra Pradesh, Sh. S.P. Yadav, IFS Member Secretary, Central Zoo Authority, New Delhi, Sh. D. Nalini Mohan, IFS PrI.CCF(Wildlife) & Chief Wildlife Warden, Andhra Pradesh, Sh. Rahul Pandey, IFS CCF, Visakhapatnam for their constant support, guidance and motivation provided to officers and staff at IGZP. I place on record the tireless efforts of every staff member to make zoo an outstanding place. It is a matter of pride to be the curator of IGZP and I wish success to every effort intended to enhance glory of this jewel of Visakhapatnam

  
05/10/19

**Smt. YESODA BAI R., IFS**

Curator,  
Indira Gandhi Zoological Park  
Visakhapatnam.





### ***Our Vision***

To develop self-sustaining, genetically and behaviourally viable populations of endangered animal species in order to use them as an ex-situ gene pool in long-term conservation and to seek the support of the visitors and public at large through participation in these efforts of wildlife conservation.

### ***Our Mission***

To complement and strengthen the conservation efforts particularly of wild fauna housed in large enriched facility with good health, nutrition and care. Knowledge dissemination and support for conservation effort through scientific research and conservation education.

### ***Objectives***

- To carry out ex-situ conservation of critically endangered fauna with special focus on the endemic fauna of Eastern Ghats.
- To propagate the values of wild life and its conservation through education and interpretation aimed at wide public appreciation.
- To make IGZP, Visakhapatnam a leader in ex-situ conservation research aimed at conservation and management
- To make IGZP, Visakhapatnam self-sufficient and number one in captive veterinary care and facilities
- To make IGZP, Visakhapatnam to be the best public place in the country adopting sustainable and green ways of waste management, recycling and reuse options.
- To improve the visitor amenities in IGZP, Visakhapatnam to make it the most preferred destination for any person visiting 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. **Ninety** species of animals numbering to **Eight hundred and Seven**, lesser carnivores, small mammals, reptiles, ungulates and birds are housed in natural ambiance. The unusual noteworthy facet of Indira Gandhi Zoological Park is its free ranging animal species presence 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 flowing into the park from adjoining Kambalakonda Wildlife Sanctuary are good source of water for the sustenance of various flora and fauna in the zoo park.





## ***A tragic memory in 2014***

The sprawling 625 acres zoo park, which is one of the greens and pretty in the city turned into a graveyard after directly hit by HUD-HUD cyclone on 12<sup>th</sup> 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, staff and workers to cut the uprooted trees, clear the debris, clear the circular path and inner roads, making visitor circulation path, repairs to the damages, restoration of water and feed, drainage and sanitation, plumbing and electrical works, reconstruction and restoration works to the damaged infrastructure etc. There were atleast 50,000 to 80,000 trees spread across 625 acres of which all have been damaged and some are completely uprooted.







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 (PBZR).

However the restoration was a happy beginning to the next era of the park. Disaster had given lot many zoo friends and volunteers inturn to the Park.



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Sl.No	Particulars	Information																				
1	Name of the Zoo	Indira Gandhi Zoological Park, Visakhapatnam.																				
2	Year of Establishment	19 <sup>th</sup> May 1977																				
3	Address of the Zoo	Indira Gandhi Zoological Park, Near Old Dairy Farm, NH16 Road, Visakhapatnam-530040.																				
4	State	Andhra Pradesh																				
5	Telephone/Fax Number	0891-2552081																				
6	E-mail Address	igzpvizag@gmail.com																				
7	Website	www.vizagzoo.com																				
8	Distance from nearest	Airport :16 Km., Railway Station: 11 Km. Bus Stand : 8 Km.																				
9	Regn. Valid upto (Date)	22.03.2020																				
10	Category of Zoo	Large Zoo																				
11	Area (in Hectares)	625 Acres (253 Ha.)																				
12	Number of Visitors (Financial year)	Adult : 716124, Children : 175068 Total Indian : 891021 Total Foreigners : 171, Total Visitors : <b>891192</b>																				
13	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>Dust bins</td> <td>93</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	Dust bins	93
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14	Weekly closure day of the Zoo	<b>Monday</b>																				



***Management Personnel of the Zoo***



Smt. **Yesoda Bai**, R., IFS.,  
Curator,  
Indira Gandhi Zoological Park

Assistant Curators

Smt. **K. Uma Maheswari**

Sri **M. Raja Rao**

Forest Section Officers

Sri **B.V. Ramana**

Sri **Vijayakumar**

Name of the Veterinary Officer

Dr. **V. Srinivas**

Veterinary Assistant Surgeon

Name of the Compounder  
/ Lab Assistant

Sri **S. Ravi Babu**

Junior Veterinary Officer



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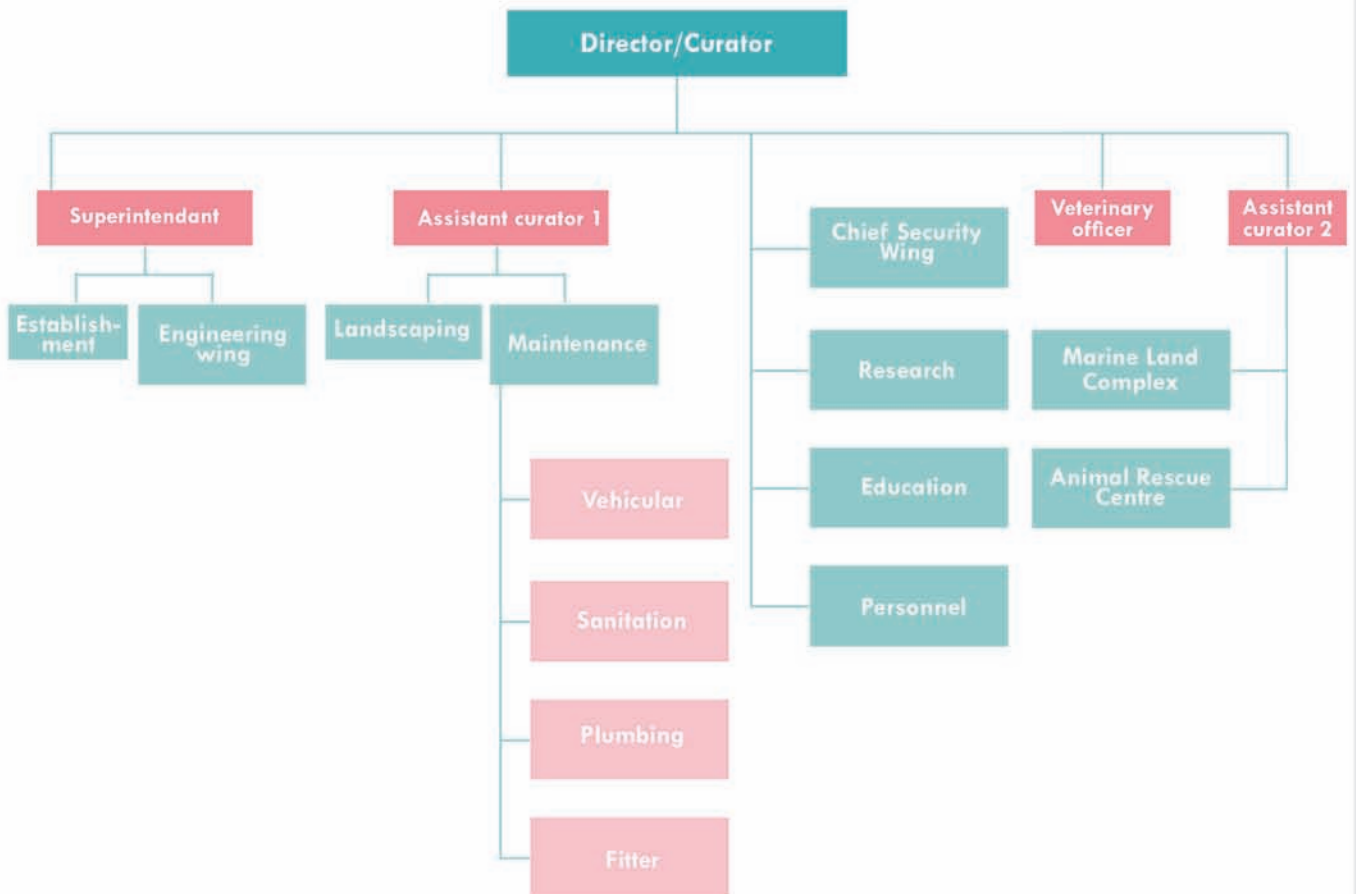
### ***Special features :***

- 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 of sea shore area is plotted for Marine Land Complex.
- Successful and exclusive breeding Center for wild dogs
- A prestigious animal rescue center for Lions and Tigers rescued from various circus all over the country.
- 1<sup>st</sup> zoo in India to enable public WIFI facility 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 150 member occupancy and digital display system attached.





# Organizational Chart





## Human Resources

Sl. No.	Name of the Post	No. of Post Sanctioned	No. of Post filled up	No. of Post 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	3	0
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	7	18
14	Bungalow Watcher	1	-	1
15	Technical Staff (Carpenter)	4	2	2
16	Gate Keeper	2	1	1
17	Watchman	6	4	2
18	Labourer	3	1	2
19	Work Charged Employees	22	9	13
20	Driver	2	0	2
	<b>Total:</b>	<b>81</b>	<b>39</b>	<b>42</b>



## ***Human Resources***

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 is 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 Research Section is carrying out the job of in-house data collection and basic research on various aspects of animals in the ex-situ conservation facility.

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



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### Capacity Building of the Zoo Personnel

Sl.No.	Name and Designation of the Zoo Personnel	Period of Training	Subject matter of Training	Name of the Institution where the Training attended
1	Sri M.K. Rama Krishna, Animal keeper	19.11.2018 To 23.11.2018	Training programme for Capacity building of Mahouts	Sri Chamarajendra Zoological Gardens, Mysuru, Karnataka
2	Sri B. Appala Reddy Animal Keeper	03.12.2018 to 06.12.2018	Advancing Bear Care Conference-2018	Wildlife SOS at GenX Agra Hote, NH-19, Sikandra, Agra, UP.
3	Sri G. Chinna Rao Animal Keeper	03.12.2018 to 06.12.2018	Advancing Bear Care Conference-2018	Wildlife SOS at GenX Agra Hote, NH-19, Sikandra, Agra, UP.
4	Smt. K.Uma Maheswari Assistant Curator-I	02.01.2019 To 04.01.2019	Housing and Maternity ward of Breeding female Giraffe	Zoological Garden, Alipore, Kolkatta
5	Sri S.Ravi Babu	02.01.2019 To 04.01.2019	Housing and Maternity ward of Breeding female Giraffe	Zoological Garden, Alipore, Kolkatta
6	Dr.K.Pavani	02.01.2019 To 04.01.2019	Housing and Maternity ward of Breeding female Giraffe	Zoological Garden, Alipore, Kolkatta
7	Sri G. Pavan Kishore	02.01.2019 To 04.01.2019	Housing and Maternity ward of Breeding female Giraffe	Zoological Garden, Alipore, Kolkatta
8	Sri G.Srinu	02.01.2019 To 04.01.2019	Housing and Maternity ward of Breeding female Giraffe	Zoological Garden, Alipore, Kolkatta
9	Sri Ch.Aramogan, Mahout (Out sourcing)	04.02.2019 To 08.02.2019	Training programme for Capacity building of Mahouts	Sri Chamarajendra Zoological Gardens, Mysuru, Karnataka
10	Sri Y. Appa Rao Animal Keeper	18.03.2019 To 22.03.2019	Specialized theme based Training programme for zoo keepers	Nehru Zoological Park, Hyderabad, Telangana

#### 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 Zoos 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 Department	Chairman
2	The Spl.Chief.Secy/Prl.Secy to Govt., EFS & T Department	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, Guntur	Member
6	Dean, Veterinary Science, S.V.Veterinary University, Tirupathi.	Member
7	Commissioner/Director, Tourism Department	Member
8	Chief Wildlife Warden (A.P.), Guntur	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 Department, Visakhapatnam	Member
15	Commissioner, G.V.M.C., Visakhapatnam	Member
16	Curator, IGZP, Visakhapatnam	Member Secretary



***Non-Official Members for Zoo Advisory Committee :***

<b>Sl.No</b>	<b>Name &amp; Designation</b>
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

***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 ticket 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 by enriching the live animal collections and modernizing the facilities, thereby increasing the gate collection revenue.

Year	Releases & expenditure	Normal State Plan(PAO)	Non plan (Treasury)	CZA ARC	PBZR Scheme including Adoption	Total
2018-19	Releases	30.000	478.874	31.525	320.556	<b>860.955</b>
	Expenditure	29.973	475.107	31.525	303.33	<b>839.935</b>

***Revenue Collection During 2018-19***

Sl.No.	Source	Revenue realised (Rupees)
1	Main Entrance Collection (Sale of tickets)	42014850
2	Leases	7307134
3	Adoption / Donations	1543964
4	Other Items (Sale of Tender forms)	1925055
	<b>Total</b>	<b>52791003</b>



***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. During 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 has been modified to suit the summer needs. 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	<b>HIMALAYAN BLACK BEAR</b>	Bananas	1 Dozen
		Apples	1 No
		Grapes	50 g
		Oranges	6 Nos
		Sugar cane	6 Pieces
		Honey	250 g
		Cooked maize (java)	2 kg
		Bread + Milk	2 kg + 1 lit
		Boiled Eggs	2 Nos
		Papayya	500 g
		Kheera	1 kg
		Water melon	5 kg
		Guava	6 Nos
2.	<b>SLOTH BEAR</b>	Bananas	1 Dozen
		Honey	250 g
		Oranges	6 Nos
		Cooked maize (java)	2 kg
		Bread + Milk	2 kg + 1 lit
		Boiled Eggs	2 Nos
		Papaya	500 g
		Kheera	1 kg
		Guava	6 Nos
Sugar cane	2 pcs		

SI.No	Species Name	Feed item	Quantity
3	<b>HIPPOPOTAMUS</b>	Green grass	20 - 25 kg
		Cattle feed	10 kg
		Kheera	10 kg
		Tomato	2.5 kg
		Carrots	5 kg
		Amaranthus	5 kg
		Beet root	1 kg
		Pumpkin	5 kg
		Cabbage	1 kg
		S.Potato + Potato	2.5 kg
4	<b>ELEPHANT</b>	Cattle Feed	5 kg
		Grass	100 kg
		Ragi java	4 - 5 kg
		Ficus / Ragi leaves & Stem	20 kg
		Broken Rice	1 kg
		Jaggery	1 - 2 kg
		Salt	100 g
		Bananas	3 kg
		Sugar cane	50 - 60 kg
		Coconut leaves	4 leaves
		Banana fronds	2 stems
5	<b>BISON / INDIAN GAUR</b>	Cattle feed	4 kg
		Green grass	20 kg
		Peepal leaves	5 kg
		Carrots + Bananas	5 kg
6	<b>BARKING DEER / CHOWSINGHA / HOG DEER / BLACK BUCK / SPOTTED DEER</b>	Cattle feed	1 kg
		Green grass	Ad lib
		Amaranthus	2 Bundles
		Carrots	250 g
		Cabbage	100 g
		Kheera dosa	
		Pumpkin	
Bengal gram			



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Sl.No	Species Name	Feed item	Quantity
7	<b>SAMBAR DEER / NILGAI</b>	Cattle Feed	1 1/2 - 2 kg
		Green grass	Ad lib
		Carrots + Cabbage	1/2 kg
		Kheera	
		Pumpkin	
8	<b>BONNET / RHESUS / STUMP - TAILED MACAQUE</b>	Bengal gram	25 g
		Apple	1/4 Piece
		Banana	4 Nos
		Bread + Milk	50 g
		Mangoes	1/4 No.
		Guava	1 No
		Carrots	1 No.
		Ground Nuts	100 g
		Pine apple	50 g
		Water melon	100 g
		Papaya	100 g
		Ber	50 g
9	<b>STAR TORTOISE</b>	Cabbage	25 g
		Carrots	25 g
		Palak leaves	25 g
		Bengal gram	25 g
10	<b>TERRAPIN</b>	Fish pieces	100 g
11	<b>PYTHON</b>	Live Chicken	1 / week
		Live Rats	1 / week
12	<b>RAT SNAKE / COBRA</b>	Frogs	6 - 8 / week
		Rats	1 - 2 / week
		Day old chicks	1 - 2 / week
13	<b>TIGER &amp; LION</b>	Beef	5 - 7 kg
		Beef Liver	100 g
		Boiled Milk	1/2 Lits
14	<b>PANTHER / PUMA / JAGUAR</b>	Boiled Milk	1/2 Lit
		Beef	3 kg
15	<b>HYENA</b>	Beef	3 kg
		Beef Liver	50 g

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Sl.No	Species Name	Feed item	Quantity
17	<b>WILD DOG</b>	Chicken	1/2 kg
		Beef Liver	50 g
		Beef	2 kg.
18	<b>JACKAL</b>	Beef	1.5 kg
		Beef Liver	50 g
19	<b>ESTUARINE / SALT WATER CROCODILE</b>	Beef	1 kg /day
20	<b>MARSH CROCODILE / MUGGAR</b>	Beef	1 kg /day
21	<b>GHARIAL</b>	Fish	1 kg /day
22	<b>JUNGLE CAT</b>	Beef	1/2 kg
		Beef Liver	25 g
23	<b>BIRDS OF PREY</b>	Chicken	4 kg/ all birds
24	<b>TODDY CAT</b>	Beef	1/4 kg
		Beef Liver	25 g
25	<b>OWL</b>	Beef	50 g
26	<b>PORCUPINE</b>	Potatoes	100 g
		Carrots	100 g
		Bengal gram	100 g
27	<b>WILD BOAR</b>	Cattle feed	1 kg
		Potatoes	1/2 kg
		Carrots + Cabbage	1 kg
28	<b>PHEASANTS &amp; MACAWS</b>	Poultry feed	150 g
		Green Leaves	50 g
		Meal worm	50 g
		Pamogranates	6 Nos
29	<b>BUDGERIGARS &amp; LOVE BIRDS</b>	Bird feed	50 g
30	<b>COCKATIEL</b>	Bird feed	100 g
31	<b>PELICANS</b>	Fish	1 kg
32	<b>PAINTED STORK</b>	Fish	1/2 kg
33	<b>AFRICAN PARROTS &amp; COCKATOO</b>	Bird feed	100 g
			100 g



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Sl.No	Species Name	Feed item	Quantity
34	<b>GIRAFFE</b>	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 kg
		Sweet potato	1/4 kg
		Orange	300 g
		Cabbage	1/2 kg
		Water melon	2 kg
		Keera	2 kg
		DC Oats+Wheatbran+Barely+Maize	2 kg
		Palak	1 kg
35	<b>SACRED BABOON(6 Nos)</b>	Grain fodder	600 g
		Apples	2.250 kg
		Beet Root	150 g
		Cabbage	1.250 kg
		Tomato	300 g
		Cucumber	600 g
		Onion	150 g
		Cauliflower	150 g
		Radish	300 g
		Carrot	2.100 kg
		Potato Cooked	300 g
		Sweet potato Cooked	300 g
		Pineapple	300 g
		Sweetlime	600 g
		Grapes	1 kg
		Melon Fruit	300 g
		Green leaves	600 g
		Grass	1-1 1/2 kg
		Bioled Eggs (Wed 7 Sat)	6 nos.
		Cooked Meat (Monday)	1.200 kg

Sl.No	Species Name	Feed item	Quantity
36	CHIMPANZEE(3 Nos)	Water melon	1 -2 Nos (3 kg)
		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 g)
		Boiled Eggs	3 Nos
		Soaked Bengal gram	1/4 Kg
		Palak	10 Small bundles (100 g)
		Amaranthus	10 Small bundles (100 g)
		Sweet potato	300 g
		Keera	1 - 2 kg
		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 g)
		Jam	50 g
		Sweet corn	6 Nos / Weekly
		Naredu	300 g
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.



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### ***Vaccination Schedule of animals:***

Animal health care is one of the important disciplines in zoo management. The health care system is monitored by the zoo veterinarian assisted by senior Veterinary Officer, Veterinary 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 R1 ml	Once in year
2	Canines	Canine Distemper, Adenovirus Type 2, Hepatitis, Parainfluenza, parvovirus, Leptospira, Canisola, L. Sisspotypois, Le. Sclerohaemorrhagae and L.Pomona.	9 in one, 1 ml	Once in year
3	Feline	Feline Calivirus, Feline Rhinotracheitis and Feline Panleucopenia virus	Feligen 1 ml	Once in year
4	Canines & Felines	Anti protozoal (Trypanosomiasis)	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.



*Vaccination*

*Enclosure disinfection*



***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 months.
4	Reptiles	Terrestrial / Aquatics	Bleach & Lime Sprinkling	Once in every 3 months.
5	Primates	Terrestrial	Butox Spray	Once in every 3 months.



## ANNUAL REPORT 2018-19

### Development works carried out in the Zoo during the year **Main Entrance GATE**



Fabrication of the existing main gate (front) with ACB sheet (heavy duty) IGZP,VSP.



Face-lifting of main-entrance gate area is planned within available budget and without compromising on the existing structure.



Fine Art wall painting at Indira Gandhi Zoological Park, Visakhapatnam.





Repairs to animal moats, standoff barriers, night houses, visitor amenities like Pagodas, Rachabandas, R.O system, Cement benches, Rest rooms, Dust bins etc., Landscaping, and buildings are assessed and being attended according to the approved PBZR action plan 2018-19.





## ANNUAL REPORT 2018-19



Line drawing on walls of Office buildings



Painting Office building and animal enclosures



## *Education and Awareness Programmes during the year*

### **World Environment Day (5<sup>th</sup> June, 2018)**

On the occasion of World Environment Day on 5<sup>th</sup> June, 2018 a special cleaning drive was organized at Indira Gandhi Zoological Park, Visakhapatnam in the morning hours with the involvement of all Zoo staff. In the evening an awareness programme was arranged for all the staff working in the Zoo about the theme **“Beat Plastic Pollution”** where in the Zoo Curator Smt. Yesoda Bai, R., IFS, Assistant Curator-I Smt. K. Uma Maheswari and Zoo Veterinarian Dr.V. Srinivas talked about the importance of keeping our premises Plastic free and dispose-off the used plastic items, also urged all of them to stop usage of ‘Single use plastics’.





**Interactive Session with Padmasri Romulus Whitaker, Renowned Indian Herpetologist and Wildlife Conservationist (25<sup>th</sup> June, 2018) :**

Interactive Session with Padma Shri Romulus Whitaker, Renowned Indian Herpetologist and Wildlife Conservationist on 25<sup>th</sup> June, 2018 was organized in the Indira Gandhi Zoological Park, Visakhapatnam, Andhra Pradesh Forest Department in coordination with Madras Crocodile Bank Trust, Chennai and Eastern Ghats Wildlife Society, Visakhapatnam.

Sri Rahul Pandey, IFS., Chief Conservator of Forests, Visakhapatnam; Smt. Yesoda Bai, R., IFS, Curator, IGZP, Visakhapatnam; Sri C. Selvam, IFS., Divisional Forest Officer, Visakhapatnam; K.L.N.Murthy, Biologist, Eastern Ghats Wildlife Society, Visakhapatnam along with 200 School Children from Sri Prakash Vidyaniketan and Forest Department officials and staff have participated in the programme.

Padma Shri Romulus Whitaker emphasized on the importance of knowing the (4) common venomous snakes in the country like common Cobra, Common Krait, Saw-scaled Viper and Russell's Viper and the Do's & Dont's in case of a snake bite incidence. He has also explained various facts related to snakes which are not very well known in the rural India and the need to create awareness among villagers for not killing snakes but to capture and release them with the help of Forest department officials and certified snake catchers.





There are many  
great voices,  
but not all  
are human







## INTERNATIONAL TIGER DAY (29TH JULY, 2018)

Indira Gandhi Zoological Park, Visakhapatnam celebrated **International Tiger Day** on 29<sup>th</sup> July, 2018 by conducting competitions to the students of 8<sup>th</sup> to 10<sup>th</sup> standards in Schools of Visakhapatnam so as to create awareness about the importance of Tiger Conservation and Public support for protection and expansion of Wild Tiger habitats.

Being an “UMBRELLA SPECIES”, the tiger is an indicator of a balanced ecosystem. Being at the top of the food chain, the Tiger regulates the population of wild herbivores, thus maintaining a balance.

TIGER is our NATIONAL ANIMAL and it also serves an important place in our Indian culture and mythology symbolizing magnificence, power and beauty.



## International Tiger Day Celebrations

130 students from eleven different schools participated in the events like skit and elocution competitions conducted by the zoo management and judged by Smt. Prof Manjulatha, HOD, Zoology Department, Andhra University and Sri J. Ratnam, Editor, Green climate.

Prl.Chief Conservator of Forests (Wildlife) & Chief Wildlife Warden of Andhra Pradesh Dr.D.Nalini Mohan, IFS., addressed the students on the importance of Biodiversity and its conservation on this occasion.

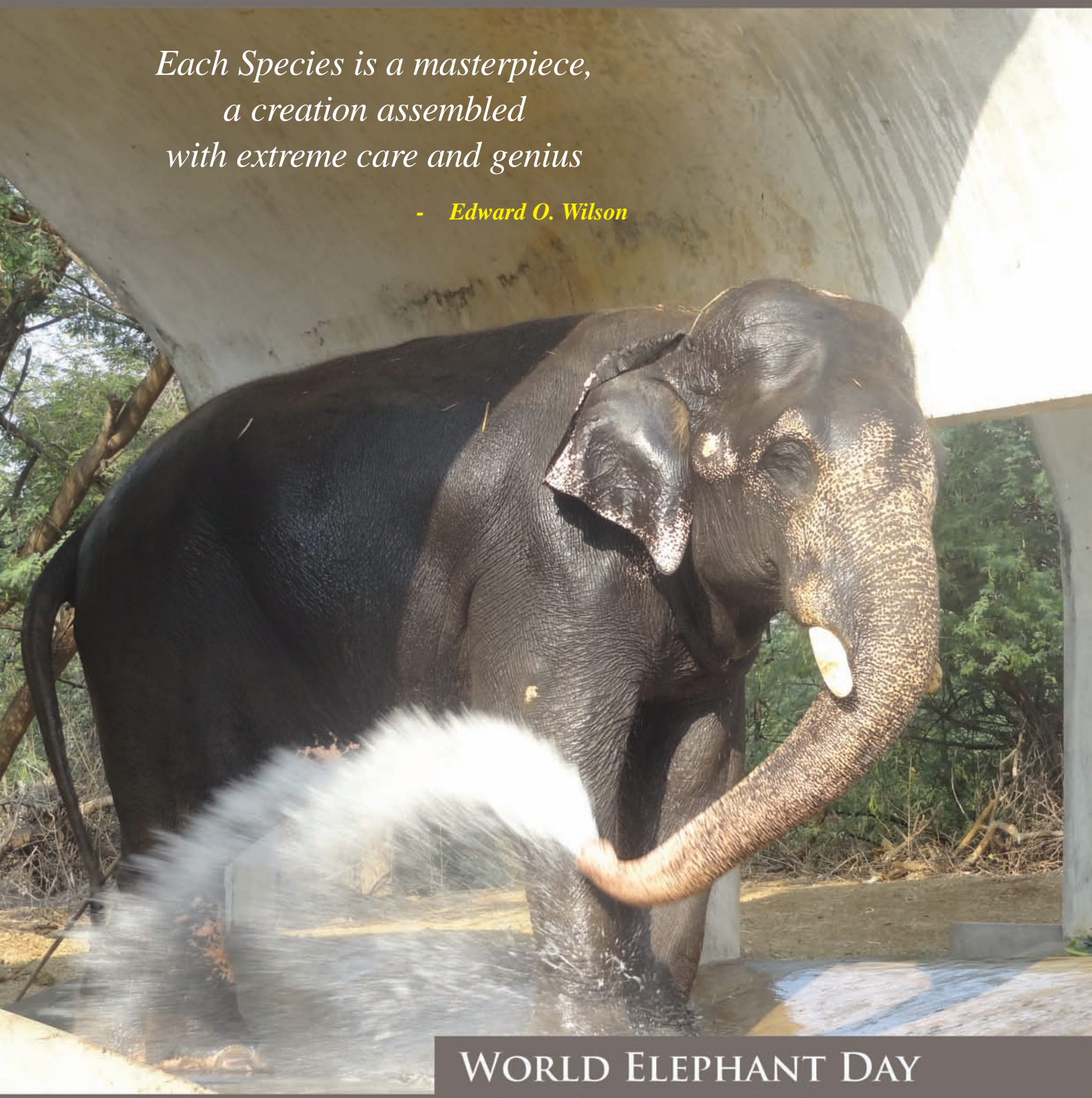
Other dignitaries like Sh. Rahul Pandey, IFS, Sri. C. Selvam, IFS, DFO/Visakhapatnam and Smt. Yesoda Bai, R IFS, Curator, IGZP, Vsakhapatnam have addressed the gathering and also given away prizes to the winners.





*Each Species is a masterpiece,  
a creation assembled  
with extreme care and genius*

*- Edward O. Wilson*



**WORLD ELEPHANT DAY  
(12<sup>TH</sup> AUGUST, 2018)**



## Elephant Day Celebrations

Indira Gandhi Zoological Park, Visakhapatnam celebrated **World Elephant Day** on 12<sup>th</sup> August, 2018 by conducting competitions to the students of 1<sup>st</sup> to 12<sup>th</sup> standards in Schools of Visakhapatnam so as 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.

Shri Rahul Pandey, IFS., Chief Conservator of Forests, Visakhapatnam and Shri C. Selvam, IFS., Divisional Forest Officer, Visakhapatnam had given informative talks on elephant conservation and a film show in Zoo Bioscope was arranged. The event was widely covered by print and electronic media.





*The continued existence of wildlife and wilderness is important to the quality of life of humans*

**- Jim Fowler**



**WORLD WILDLIFE DAY**  
3 MARCH

*Life below water:  
for people and planet*



WWD2019



**Indira Gandhi Zoological Park, Visakhapatnam**

**WORLD WILDLIFE DAY**  
**(3RD MARCH, 2019)**



## World Wildlife Day Celebrations

The Indira Gandhi Zoological Park, Visakhapatnam organised the “ WORLD WILDLIFE DAY” at Zoo Bioscope on 3<sup>rd</sup> March, 2019. About 120 students from (3) schools have participated, Wildlife related videos & Powerpoint presentation with an emphasis on Marine biodiversity Conservation and sustainable utilization were screened and explained to the students.

The Curator, Indira Gandhi Zoological Park, Visakhapatnam explained about the theme of World Wildlife Day 2019 i.e., “**Life Below Water: For people and planet**”, importance of Marine Wildlife, Conservation methods and sustainable use of Marine Wildlife resources. Created awareness on sustainable development and Convention on International Trade in Endangered Species of Wild fauna & Flora (CITES).





## **Important Events & Happenings in the Zoo**

### **64<sup>th</sup> WILDLIFE WEEK CELEBRATIONS (1<sup>st</sup> Oct to 7<sup>th</sup> Oct, 2018) :**

64<sup>th</sup> 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, 2018 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 4451 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.



## **Drawing Competition**



## **Essay writing Competition**



## **Wildlife Photography cum exhibition**





# ANNUAL REPORT 2018-19

## *Elocution & Skit Competition*



## *Debate Competition*



## *Quiz Competition*



## **Seasonal Special arrangements for upkeep of animals:**

- Zoo has been keen on animal care by providing its best facilities during summer season
- All birds cages are covered with Palmyrah (Vetiver mats) and gunny bags are used on the sides to prevent heat
- All night houses roof was painted with cooling agents to resist from heat
- Facilitated air coolers for Chimpanzees and Sloth Bear in their night house
- Arranged pedestal fans to big and small carnivores
- Arranged sprinklers to regulate temperature at all day houses
- Covered with green mesh to on top of Butterfly Park
- Diet chart also changed accordingly
- All water ponds were repaired and ensured water sustained in it
- Special care for free ranging fauna also has been extended in terms of providing water, green feed, deworming medication in mix with feed etc.





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### **Conservation Breeding Programme of Asiatic Wild Dog:**

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 has been placed under Schedule-I of the Wildlife Protection Act, 1972.

The conservation breeding of the species in Indira Gandhi Zoological Park, Visakhapatnam, Andhra Pradesh, India has started with a male and two females with a pair of puppies (1:1) which 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 added to the 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”**.



**OTHER ANIMALS  
BREEDING IN OUR ZOO**



**Indian Gaur**



**Ring tailed Lemur**



**Barking Deer**



**Sacred Baboon**



**Indian Peafowl**



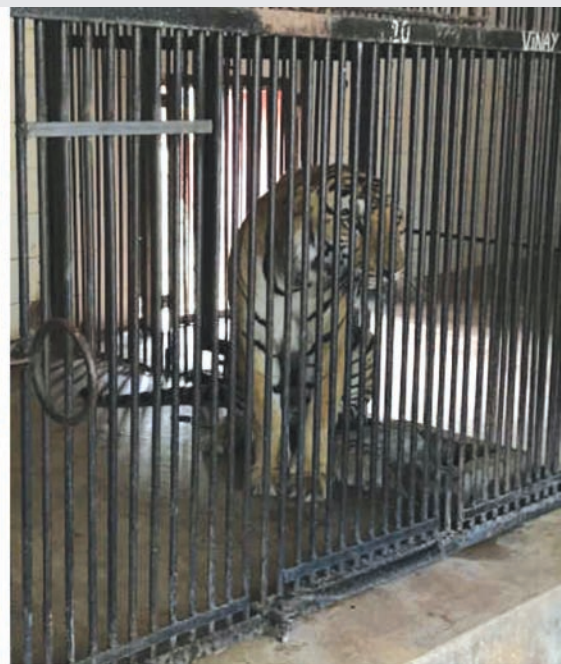
## ANNUAL REPORT 2018-19

### **Animal acquisition / transfer / exchange during the year:**

The following animals were brought to Indira Gandhi Zoological Park, Visakhapatnam from Pilikula Biological Park, Mangaluru, Karnataka state to Indira Gandhi Zoological Park, Visakhapatnam as part of the Animal Exchange Programme on 20.12.2018 and the Sarus Crane (1:1) & Indian Grey Wolf (1:1) received to zoo park from Sri Chamarajendra Zoological Gardens, Mysuru, Karnataka by Road duly taking all precautions during transportation.

### **New arrivals:**

H.No.	Species	Number (M:F)	From Which Zoo	Date of arrival in the Zoo
1	Royal Bengal Tiger	2:0	Pilikula Biological Park, Mangaluru, Karnataka	20.12.2018
2	Mugger	1:0		
3	Red Jungle Fowl	0:4		
4	Sarus Crane	1:1	Sri Chamarajendra Zoological Gardens, Mysuru, Karnataka	28.03.2019
5	Indian Grey Wolf	1:1		
	<b>Total</b>	<b>11 Nos</b>		



**Akshay being received at his new home**

***Release of Muggar Crocodile to the enclosure***





## ANNUAL REPORT 2018-19

Indira Gandhi Zoological Park, Visakhapatnam exchanged Wild Dog (2:2) for Sarus Crane (1:1) and Indian Grey Wolf (1:1) from Sri Chamarajendra Zoological Gardens, Mysuru, Karnataka.

Wild dog, Painted Stork and Alexandrine Parakeets were exchanged for Royal Bengal Tiger, Mugger and Red Jungle Fowl from Pilikula Biological Park, Mangaluru, Karnataka state.

### **Animals going from the Zoo**

H.No.	Species	Number (M:F)	From Which Zoo	Date of arrival in the Zoo
1	Wild dog	2:2	Pilikula Biological Park, Mangaluru, Karnataka	13.12.2019
2	Painted Stork	2:3		
3	Alexandrine Parakeet	2:3		
4	Wild dog	2:2	Sri Chamarajendra Zoological Gardens, Mysuru, Karnataka	28.03.2019

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

Sl. No	Date of Resuce	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	15.02.2019	Leopard (Male)	East Godavari	Report submitted to CCF, VSP and CZA, New Delhi on 16.02.2019	DFO, Wildlife division, Rajahmundry On 04.04.2019	-
2	16.11.2018	Salt Water Crocodile	Forest Section Officer, Baruva section of Kasibugga	Report submitted to CCF, VSP and CZA, New Delhi on 17.11.2018	-	-
3	24.11.2018	Salt Water Crocodile	Forest Section Officer, Machilipatnam section of Vijayawada range	Report submitted to CCF, VSP and CZA, New Delhi on 25.11.2018	-	-
4	14.01.2019	Nestlings of Parrots	Visakhapatnam Railway Station by Railway Police	Report submitted to CCF, VSP and CZA, New Delhi on 15.01.2019	-	-

Until he extends  
the circle of compassion  
to all living things,  
man will not himself  
find peace





**PART-I**  
**ANNUAL INVENTORY REPORT FOR THE YEAR 2018-19 OF I.G.Z.PARK, VISAKHAPATNAM**

**Endangered species**

Sl. No.	Animal Name	Scientific Name	Opening stock as on 01-04-2018						Births			Acquisitions			Total			Disposals			Deaths			Closing stock as on 31-03-2019				
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T			
1	Asiatic Lions.	<i>Panthera leo</i>	0	0	0	0																		0	0	0		
2	Royal Bengal Tiger	<i>Panthera tigris tigris</i>	0	2	0	2			2															2	2	0	4	
3	White Tiger	<i>Panthera tigris tigris</i>	2	3	0	5	1																	3	3	0	6	
4	Panthers	<i>Panthera pardus</i>	1	1	0	2																		1	1	0	2	
5	Jaguars	<i>Panthera onca</i>	1	0	0	1																1			0	0	0	
6	Wild Dogs	<i>Cuan alpinus</i>	19	11	5	35		17											2	2				34	18	0	48	
7	Elephants	<i>Elephas maximus</i>	2	2	0	4																		2	2	0	4	
8	Sloth Bears	<i>Melursus ursinus</i>	1	2	0	3			1													1			1	2	0	3
9	Rhinoceros	<i>Rhinoceros unicornis</i>	1	0	0	1																			1	0	0	1
10	African Cheetah	<i>Acinonyx jubatus</i>	1	0	0	1																		1			0	
<b>TOTAL ANIMALS:</b>			<b>28</b>	<b>21</b>	<b>5</b>	<b>54</b>	<b>1</b>	<b>17</b>	<b>3</b>	<b>0</b>	<b>17</b>	<b>3</b>	<b>0</b>	<b>28</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>3</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>47</b>	<b>28</b>	<b>0</b>	<b>42</b>	<b>26</b>	<b>0</b>	<b>68</b>

**PART- II**  
**ANNUAL INVENTORY REPORT FOR THE YEAR 2018-19 OF I.G.Z.PARK, VISAKHAPATNAM**

<u>Other species</u>		Animal Name	Scientific Name	Opening stock as on 01-04-2018							Births			Rescued / Acquisitions			Total			Disposals			Deaths			Closing stock as on 31-03-2019						
Sl. No.	BIRDS			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	
1	Rosy pelicans	<i>Pelecanus onocrotales</i>	1	1	0	2										1	1	0				1	1	0	2				1	1	0	2
2	Grey Pelicans	<i>Pelecanus philippensis</i>	1	0	0	1										1	0	0				1	0	0	1				1	0	0	1
3	Grey Herons	<i>Ardea cinerea</i>	1	1	2	4										1	1	2				1	1	2	4				1	1	2	4
4	Painted storks	<i>Mycteria leucocephala</i>	8	0	0	18										8	0	2	3			6	7	0	13				6	7	0	13
5	Adjutant storks	<i>Leptoptilos dubius</i>	1	0	0	1										1	0	0				1	0	0	1				1	0	0	1
6	Red Jungle Fowls	<i>Gallus gallus</i>	2	0	0	2				3	2					5	2	0				4	2	0	6				4	2	0	6
7	Grey Jungle Fowls	<i>Gallus sonneratii</i>	2	0	0	2										2	0	0				2	0	0	2				2	0	0	2
8	White Ibis.	<i>Threskiornis melanocephalus</i>	0	0	2	2										0	0	2				0	0	2	2				0	0	2	2
9	Scavanger Vulture	<i>Neophron peronopterus</i>	0	0	0	0										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				0	0	3	3
11	White Cuckatoos	<i>Cacatua alba</i>	1	1	0	2										1	1	0				1	1	0	2				1	1	0	2
12	Sulphur Crested Cuckatoo	<i>Cacatua galerita</i>	1	1	0	2										1	1	0				1	1	0	2				1	1	0	2
13	Goffins Cuckatoos	<i>Cacatua goffini</i>	2	0	0	2										2	0	0				2	0	0	2				2	0	0	2
14	Rose ringed Parakeet	<i>Psittacula krameri</i>	9	1	0	19										9	1	0				9	1	0	19				9	10	0	19
15	Alexandrine Parakeet	<i>Psittacula eupatria</i>	10	8	0	18										1	8	0	2	3		8	5	0	13				8	5	0	13
16	Hill Mynah	<i>Gracula religiosa</i>	1	0	2	3										1	0	2				1	0	2	3				1	0	2	3



Sl. No.	Animal Name	Scientific Name	Opening stock as on 01-04-2018			Births			Rescued / Acquisitions			Total			Disposals			Deaths			Closing stock as on 31-03-2019							
			M	F	T	M	F	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U					
17	Common Peafowl	<i>Pavo cristatus</i>	13	1	8	37							1	1	8										13	16	8	37
18	White Peafowl	<i>Pavo cristatus</i>	2	0	0	2							2	0	0										2	0	0	2
19	Golden Pheasants	<i>Chrysolophus pictus</i>	2	2	0	4							2	2	0										2	2	0	4
20	Silver Pheasants	<i>Lophura nycthemera</i>	1	2	0	3							1	2	0										1	2	0	3
21	Red spur fowl	<i>Gallus domesticus</i>	1	0	0	1							1	0	0										1	0	0	1
22	Lady Amherst Pheasant	<i>Chrysolophus amherstiae</i>	2	1	0	3							2	1	0										2	1	0	3

Sl. No.	Animal Name	Scientific Name	Opening stock as on 01-04-2018			Births			Rescued / Acquisitions			Total			Disposals			Deaths			Closing stock as on 31-03-2019							
			M	F	T	M	F	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U					
23	White bellied sea eagle	<i>Haliaeetus leucogaster</i>	0	0	0	0							0	0	0										0	0	0	
24	Budgerigar	<i>Melopsittacus undulatus</i>	7	8	0	15							7	8	0										7	8	0	15
25	Peach faced Love bird	<i>Agapornis roseicollis</i>	4	1	0	5							4	1	0										4	1	0	5
26	Blue peach face love bird	<i>Agapornis roseicollis</i>	7	6	0	13							7	6	0										7	6	0	13
27	Love Bird Yellow	<i>Agapornis roseicollis</i>	1	1	0	2							1	1	0										1	1	0	2
28	Cockatails - White	<i>Nymphicus hollandicus</i>	5	4	0	9							5	4	0						1				5	3	0	8
29	Cockatails - Grey	<i>Nymphicus hollandicus</i>	2	3	0	5							2	3	0										2	3	0	5
30	Emerald parakeets	<i>Psittacula calthropae</i>	1	0	4	5							1	0	4										1	0	4	5
31	Lutino parakeets	<i>Nymphicus hollandicus</i>	3	3	3	9							3	3	3										3	3	3	9
32	Indian Great Horn Owl	<i>Bubo bubo</i>	2	0	0	2							2	0	0										2	0	0	2





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Sl. No.	Animal Name	Scientific Name	Opening stock as on 01-04-2018				Births			Acquisitions			Total			Disposals			Deaths			Closing stock as on 31-03-2019					
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U			
<b>MAMMALS</b>																											
1	Jackals.	<i>Canis aureus</i>	8	12	7	27																	8	12	7	27	
2	Hyanas.	<i>Hyaena hyaena</i>	1	1	2	4																	1	1	2	4	
3	Jungle Cat.	<i>Felis chaus</i>	1	2	0	3																	1	2	0	3	
4	Toddy cat	<i>Viverricula hermaphodates</i>	3	1	0	4																	3	1	0	4	
5	Rusty Spotted Cat	<i>Prionailurus rubiginosus</i>	0	0	0	0																	0	0	0	0	
6	Spotted Deers	<i>Axis axis</i>	14	14	8	36				2													14	14	10	38	
7	Sambars	<i>Cervus unicorn</i>	13	24	6	43				4													13	24	10	47	
8	Nilgai	<i>Boselaphus Tragocamileus</i>	3	3	1	7																	3	3	1	7	
9	Indian Gaur	<i>Bos gaurus</i>	5	3	1	9																		5	3	1	9
10	Wild Boars	<i>Sus scrofa</i>	5	1	3	9																		5	1	3	9
11	Hippopotamus	<i>Hippopotamus amphibius</i>	0	1	0	1				1														1	1	0	2
12	Chowsingha	<i>Tetracerus quadricornis</i>	1	3	0	4				2														3	3	0	6
13	Barking Deers	<i>Muntiacus muntjak</i>	6	5	3	14																		6	5	6	17
14	Black Buck	<i>Antelope cervicapra</i>	24	40	1	77				2														24	40	15	79
15	Hog deer	<i>Axis porcinus</i>	1	4	0	5				2														1	4	2	7
16	Barasingha	<i>Rucervus duvaucellii</i>	0	1	0	1																		0	1	0	1
17	Giraffe	<i>Giraffa</i>	1	1	0	2																		1	1	0	2
18	Chimpanzees	<i>Pan</i>	1	2	0	3																		1	2	0	3

19	Rhesus Monkeys	<i>Macaque mulatta</i>	1	1	0	2			1	2	0						1	2	0	3
20	Bonnet Monkeys	<i>Macaca radiata</i>	8	9	4	21	1		8	9	5						8	9	5	22
21	Stump Tail Monkeys	<i>Macaca aretoides</i>	0	1	0	1			0	1	0						0	1	0	1
22	Ring tailed Lemurs	<i>Lemur catta</i>	4	5	2	11			4	5	2						4	5	2	11
23	Marmoset	<i>Callithrix jacchus</i>	1	0	0	1			1	0	0						1	0	0	1
24	Sacred Baboons	<i>Papio hamadyras</i>	0	4	0	4			0	4	0						0	4	0	4
25	Porcupines	<i>Hystrix indica</i>	3	2	0	5		2	3	2	2						3	2	2	7
26	Giant Squirrel	<i>Ratufa indica</i>	3	1	0	4			3	1	0			1			2	1	0	3
<b>TOTAL MAMMALS:</b>			10	14	50	29	3	1	2	11	14	66					7	4	13	306
			7	1	1	8		4	0	2	2						3	8	65	3

Sl. No.	Animal Name	Scientific Name	Opening stock as on 01-04-2018						Births			Acquisitions			Total			Disposals			Deaths			Closing stock as on 31-03-2019									
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T					
<b>REPTILES</b>																																	
1	Estuarine Crocodiles	<i>Crocodylus porosus</i>	0	1	5	6														0	1	5								0	1	5	6
2	Marsh Crocodiles	<i>Crocodylus palustris</i>	1	0	0	1	1	1												2	1	0								2	1	0	3
3	Gharials	<i>Gavialis gangeticus</i>	3	3	1	7														3	3	1								3	3	1	7
4	Star Tortoises	<i>Geochelone elegans</i>	7	22	11	14	7													7	22	11								7	22	11	14
5	Terrapines	<i>Kachuga tecta</i>	3	7	0	10														3	7	0								3	7	0	10
6	Monitor Lizards	<i>Varanus bengalensis</i>	3	1	0	4														3	1	0								3	1	0	4



# ANNUAL REPORT 2018-19

7	Water Monitor Lizards	Varanus salvator	0	1	1	2						0	1	1	1	2	
8	Green Iguana	Iguana iguana	1	1	0	2		2	1						1		4
9	Rat Snakes	Pythas mucosus	4	6	0	10											10
10	Cobras.	Naja naja	2	4	0	6											6
11	Pythons	Python molurus molurus	1	6	0	7											7
TOTAL REPTILES:			25	52	12	20	1	1	0	2	1	0	28	54	12	20	
Total Animals [ Part-II ]			24	29	20	73	4	1	4	1	5	4	2	25	29	21	74
GRAND TOTAL [ Part I + II ] :			27	31	20	79	5	1	3	8	4	2	30	32	21	80	

## Mortality of Animals :

### DEATH REPORT FOR THE YEAR 2018-19 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	Chimpanzee	Pan troglodytes	20	M	25.04.2018	Peracute Myocardial infarction.
2	Cocktail white	Nymphcus hollandius	10	F	25.07.2018	Due to shock caused by severe trauma by predator attack
3	Sloth Bear	Melursus ursinus	29	M	22.08.2018	Due to Cardiomyopathy - Left ventricular hypertrophy and valvular insufficiency
4	Giant Squirrel	Ratufa ratufa		M	27.08.2018	Due to hemorrhagic cystitis leading to Nephritis
5	Jaguar	Panthera onca		M	26.11.2018	Due to Squamous cell carcinoma
6	African Cheetah	Acinonyx jubatus	15	M	23.11.2018	Due to sanility caused by hepatitis spleenomagoaly, Nephritis and heart problem.

7	Nilgai		<i>Boselopharus tragocamelus</i>	5	M	19.11.2018	Due to viper bite
8	Nilgai		<i>Boselopharus tragocamelus</i>	19	M	20.11.2018	Due to septicemia caused by acute trauma caused by infighting.
9	Oranged winged Amazon		<i>Amazona amazonica</i>	20	F	15.11.2018	Due to Hepatitis
10	Barking deer		<i>Muntiacus</i>	15	F	12.12.2018	Due to deep wounds, severe pain, that resulted in Cardiac arrest.
11	Red Jungle fowl		<i>Gallus gallus</i>	20	M	07.12.2018	The death is due to multi-organ failure due to senility.
12	Chowsingha		<i>Tetracerus quadricornis</i>	10	F	27.01.2019	Due to Cardiac arrest caused by septicemia because of infighting.
13	Green Iguana		<i>Iguana Iguana</i>	16	M	04.01.2019	Due to severe myocardial infarction and also rupture of Aorta.
14	Emu		<i>Mromaius novaehollandiae</i>		M	10.02.2019	Due to prolapse of genital organ that lead to neurogenic shock.
15	Emu		<i>Mromaius novaehollandiae</i>	12	M	24.02.2019	Due to constant brooding caused by dehydration and cardiac arrest
16	Nilgai		<i>Boselopharus tragocamelus</i>	18	M	07.03.2019	Due to abnormal lung and kidney function that lead to cardiac arrest.
17	Nilgai		<i>Boselopharus tragocamelus</i>	12	F	19.03.2019	Due to infighting leading severe internal bleeding that lead to shock and death.
18	Indian Gaur		<i>Bosgaurus</i>	6	F	19.03.2019	Due to Mumified flaws / Taximia followed by death.
19	Indian Gaur		<i>Bosgaurus</i>	8	M	22.03.2019	Due to acute pulmonary congestion along with myocarditis "Cardio Pulmonary failure"
20	Indian Gaur		<i>Bosgaurus</i>	19	F	29.03.2019	Due to internal bleeding in abomasum.
21	Chowsingha		<i>Tetracerus quadricornis</i>	10	F	28.03.2019	Due to severe trauma leading to shock & death.



## ANNUAL REPORT 2018-19

### **List of free living wild animals within the Zoo premises :**

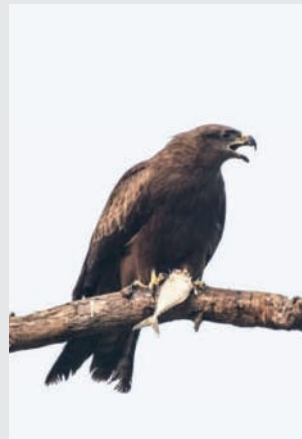
#### **Mammals:**

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.



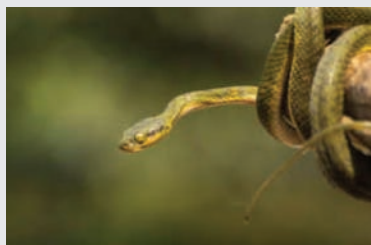
#### **BIRDS:**

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 lizards
12. Terrapins/turtles
13. Common Green Vine snake
14. East Indian Leopard Gecko
15. Wolf snake



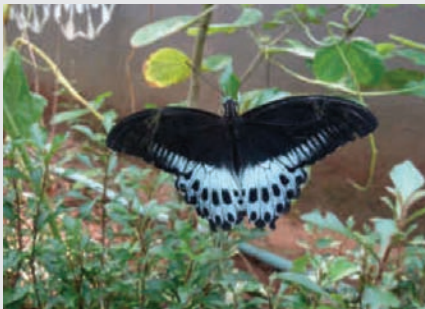
**East Indian Leopard Gecko**



**Brahminy Blind Snake**

**Butterflies (118 species)**

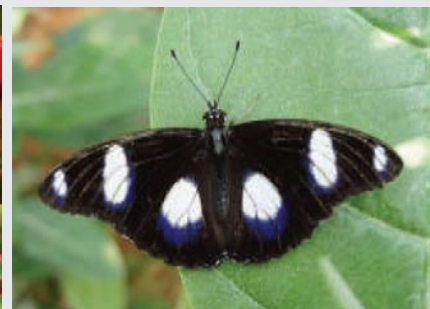
- |                          |                        |
|--------------------------|------------------------|
| 1. Crimson rose          | 13. Common leopard     |
| 2. Blue Mormon           | 14. Tawny caster       |
| 3. Common banded Peacock | 15. Plain tiger        |
| 4. Danaid egg fly        | 16. Common Pieerot     |
| 5. Blue pansy            | 17. Blue Tiger         |
| 6. Tailed jay            | 18. Double banded Crow |
| 7. Lime butterfly        | 19. Common Crow        |
| 8. Leaf blue             | 20. Dark Blue Tiger    |
| 9. Indian oke blue       | 21. Pea blue           |
| 10. Chestnut sailer      | 22. Tiny Glass blue.   |
| 11. Joker                | 23. Grass jewel        |
| 12. Painted lady         | 24. Cabbage White..... |



**Blue Mormon**



**Stripped 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
8. Sri Lankan Painted Frog
9. Indian Tree frog



**Indian Skittering Frog**



**Indian Tree frog**





**Clouded Indian Gecko**



**Bamboo Pit Viper**



**Common Cat Snake**



**Checkered Keelback**



**Barred Wolf Snake**



**Indian Black Turtle**



MEDIA COVERAGE ON ZOO ACTIVITIES

### Create awareness among villagers on capturing snakes: Expert

**OUR BUREAU**

Visakhapatnam: Renowned Indian Herpetologist, Wildlife Conservationist and popularly known as Snake Man of India, Romulus Whitaker visited Visakhapatnam city on Monday and participated in various programmes. On his arrival to the city, Indira Gandhi Zoological Park (IGZP), Andhra Pradesh Forest Department in coordination with Madras Crocodile Bank Trust, Chennai, and Eastern Ghats Wildlife Society, Visakhapatnam, organised an interactive session at Zoo Park with Romulus Whitaker.

Romulus Whitaker stressed on the importance of knowing four common venomous snakes in the country including Cobra, Krait, saw-scaled viper and Russell's viper. He also explained about the do's and don'ts in case of a snake bite incidences. He also briefed various facts related to snakes which are not very well known in the rural India and the need to create awareness among villagers on capturing snakes and releasing them with the help of Forest department officials and certified snake catchers.

Hailed as Snake man of India, he has devoted 60 years to reptile research and conservation as he believes that snakes and other species cannot survive without their habitats. Whitaker said that he caught a snake at the age of four, that is how his love for reptiles has started. He showed videos on Indian snakes and explained how to save the snakes. "Live me alone" is what he perceived from the appearance of a snake, but a common man always perceives as intimidating. That is his call for the public to be humble with the reptiles. Chief Conservator of Forests, Visakhapatnam, Rahul Pandey, Curator, IGZP Yesoda Bai R. Divisional Forest Officer C Seham, Biologist, Eastern Ghats Wildlife Society, Visakhapatnam K.N.Murthy and hundreds of schools' students were present in the interactive session.

**THE HANS INDIA** Tue, 26 June 2018  
 epaper.thehansindia.com/c/30004480

Meet the star attractions of Vizag's 'animal planet'!



City's Indira Gandhi Zoological Park has become a must-visit spot for Vizagites this season; thanks to this bunch of adorable inmates. Summer is the time when Indira Gandhi Zoological Park plays host to hordes of visitors looking for some respite from the scorching heat amidst nature. From families, nature enthusiasts to couples looking for a little privacy, the zoo recorded a staggering footfall this season. Declared open to public on May 19, 1977, mana zoo has remained one of Vizag's most loved tourist attractions for the last 41 years. Today, there are 77 enclosures in the zoo housing a number of inmates that have become the cynosure of all eyes. Vizag Times raises a toast to the current star attractions of the Indira Gandhi Zoological Park this season that are causing quite a stir among visitors:









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**In the end we conserve  
only what we love**

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Green Iguana

Adult: Rs. 50/-  
Child: Rs. 10/-  
Video Camera: Rs. 150/-  
Car: Rs. 500/-  
Timings : 9am to 5pm  
Monday Holiday

## INDIRA GANDHI ZOOLOGICAL PARK

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E-mail : [igzpvizag@gmail.com](mailto:igzpvizag@gmail.com), Website : [www.vizagzoo.com](http://www.vizagzoo.com)