



SRI CHAMARAJENDRA ZOOLOGICAL GARDENS

ANNUAL REPORT 2016-17



Zoo Authority of Karnataka



Central Zoo Authority



World Association of
Zoos and Aquariums
WAZA | United for
Conservation®



“People who know animals will protect them”





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Our Motto

“VISITORS ARE OUR MASTERS”

Mission Statement

Conveying the message of conservation education through demonstrative, replicable and learning experiences without compromising the expected standards of display of wild animals and flora under the existing policies and rules.

To connect visitors and animals through exemplary animal welfare and care, best educational and inspirational experiences, fostering public appreciation and support for wild animals and conservation.



Dear Readers,

It is a great pleasure working in Mysuru Zoo. We feel proud to release the annual report for the current year since Mysuru Zoo has entered its 125 year. Many new good happenings occurred in this year. Birth and Death are common in Zoos and it has to be in a proper proportionate for its sustainability. But we had lot of births this year and many new guests from different Zoos also joined our Zoo family. We executed lot of Indian exchanges and approved foreign exchanges are under progress. I would again like you to remember the roar of the Indian Gir Lions (Shaurya and Ranitha). The Rosy Pelicans and Hyena from Lucknow zoo, Rhesus Macaque, Sambar and Reticulate python from Chennai Zoo are extremely doing well.

Apart from the exchanges the rescued sloth bear (Tunga and Varalakshmi), Tiger Dhanush are doing well.

Now a days Varalakshmi is paired with its inmate in order to have a new pair as that of Ganesha and Durgi.

The most challenging thing of Zoo management is to keep the animals healthy and active. As a part of it, the Zoo management has taken utmost care in the health aspects as well in its follow up. Wi-Fi cameras are placed before the cages of the sick animal and 24x7 recording was done which helped us a lot in follow up treatments.

Around 74 HD cameras were installed in different places including Stores, Hospitals, enclosures, pathways, Administrative block and Ticketing Unit in order to have complete surveillance of different units.

Lots of developmental works were carried out and many new Welfare Measures were taken for the zoo employees.

We had made an excellent film about Mysuru Zoo titled "A Day at Mysuru Zoo" Which tells us about the complete functioning of Mysuru Zoo in a day. This was done to mark the beginning of its 125th year.

Lot of educational programmes and celebrations were done to create awareness among the children and public.

New zoo friendly website was created for the benefits of the visitors, who are "our Masters".

The summer management was extremely good and we haven't met any water crisis in the current year. Many new jet sprinklers were added in the animal enclosures.

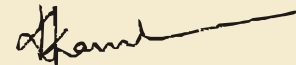
Mysuru Zoo not only houses thousands of animals it also houses thousands of huge tree species which gives a good microclimatic condition inside the Zoo and temperature will be always 20°C to 30° Celsius less compared to the city temperature.

Many new developmental works were carried out in Karanji Nature Park and this year we were mainly concentrating on its landscaping and planting works.

In Koorgahally Rescue Centre around 8 holding rooms and 2 day crawls were constructed in order to house more abandoned animals, lot of fruit yielding tree species were planted and many soil and moisture conservation measures were done. The construction of new hospital and gaur enclosures are under progress and we can very soon expect some of the zoo family members shifted to their new home.

Mysuru Zoo is not only a conservation centre but also an education hub for the children and breeding hub for different endangered species. "I pray God that 125 years old Mysuru Zoo should be protected and preserved for our future generation".

Mysuru Zoo is not only an asset to Karnataka it is an asset to the whole World and "I pray for the good health and well being of the Zoo family members".



K. Kamala, IFS,
Deputy Conservator of Forests &
Executive Director



About MYSORE ZOO

Sri Chamarajendra Zoological Gardens, Mysore, popularly known as Mysuru Zoo was established in the year 1892, by erstwhile ruler Sri Chamarajendra Wodeyar of Mysuru. Though Mysuru Zoo was started in a small area of 10 acres, now it has spread to 157 acres, inclusive of 'Karanji Nature Lake Park' and 'Chamundi Rescue, Rehabilitation and Conservation Breeding Center', Kooragahalli which is 113 acres of land located at 15kms from the Mysuru city.

Mysuru Zoo is known for its rich animal collection covering indigenous, endangered and rare and exotic species. At present Mysuru Zoo is housing 1521 specimens belonging to 153 species. The zoo is pioneer in breeding of animals. Annual visitation is highest in the country, 28.38 lakhs visitors visited the zoo during the year 2016-17. The zoo conducts various educational activities in order to convey the message of conservation of wildlife and its importance. Students are most important target group among the various stake holders of conservation.

For more details please visit www.mysorezoo.info

4 Establishment

Mysuru Zoo is housing Indigenous, endangered and exotic species of animals. Apart from that, it also breeds and distributes animals to zoos all over the country. The zoo attracts more than 28.38 lakhs visitors per annum. Since 1992, the zoo does not have permanent employees on its rolls. There are no replacements appointed for employees who retire or expire. Due to the absence of permanent staff there is a vacuum created for efficient upkeep of the zoo. However the zoo is managed by engaging contract workers.

The draft Cadre and Recruitment Rules covering all the 8 zoos for recruitment of staff as per the staffing pattern will enable Mysuru Zoo to initiate recruitment and also it will augment for improvement of HRD skills, under the guidance of experienced staff who are at the verge of retirement. Government is being pursued for approval of the Cadre and Recruitment Rules, and it is expected shortly.



Zoo Authority of Karnataka a brief

- ★ Established in 1979.
- ★ Exercised control over only Mysore Zoo.
- ★ Aimed at focused and efficient management of the Zoo.
- ★ Expanded all over the state, with 8 Zoos under its Jurisdiction, and A.C.C.F. as the Member Secretary.
- ★ Governed by Governing Council comprising of 13 State level prominent officers and persons.
- ★ Aims at developing the 8 Zoos, located in various regions of the State.
- ★ To follow the National Zoo Policy and Wildlife (Protection) Act, 1972.
- ★ To provide the best facilities to all its animals.
- ★ To identify and conduct breeding programs of locally endangered species.

Sri Chamarajendra Zoological Gardens, Mysuru

1892-1948 Personal administration of Maharaja	1948-1972 Horticulture Department.	1972-1979 Forest Department.	1979 - till now Zoo Authority of Karnataka.
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Constitution of Zoo Authority of Karnataka /
nominated members meeting.

Chairperson

Smt. Mallige Veeresh,
Zoo Authority of Karnataka,
Mysuru.

Vice-Chairman

Sri P. Anur Reddy, IFS.,
Principal Chief Conservator of Forests (Wildlife),
and Chief Wildlife Warden, Bengaluru.

Member Secretary

Sri Abhiyu Singh, IFS.,
Addl. Principal Chief Conservator of Forests,
Zoo Authority of Karnataka, Mysuru.

Members

Sri Vijaya Kumar Gogi, IFS.,
Secretary to Govt. (Forest)
Forests, Environment and Ecology Department,
M.S. Building, Bengaluru.

Sri M.J. Ravikumar,
Hon'ble Mayor,
Mysore City Corporation,
Sayyaji Rao Road,
Mysuru.

Sri Y.K. Prakash,
Special Officer (Banking) / Deputy Secretary
Finance Dept., M.S. Building, 5th Gate,
Dr.Ambedkar Veedhi,
Bangalore-560 001.

Dr. Mohammed Zafrulla Khan,
Director,
Dept. of Animal Husbandry & Veterinary Services,
Vishveshwaraiah Gopura, Dr.Ambedkar Road,
Bengaluru-560 001

Dr. S.M. Bhyregowda,
Director,
Institute of Animal Health & Veterinary Biologicals,
Hebbal, Bengaluru 560 024

Sri B.N. Karigowda,
Gandhinagar, Poonadahalli Post,
Haranahalli Hobli, Priyapatna Tq.,
Mysuru Dist.

Sri S.N. Raju,
Saathanooru, Kasaba Hobli,
Mandya Tq. & Mandya Dist.

Smt. Lata Jagadeesh,
No.297, Old Taluk Office Road, T. Narsipur Town,
T. Narsipur Tq., Mysuru Dist.

Sri Amjad Khan
No. 479, Vivekanandanagar, T. Narsipur Tq.,
Mysuru Dist.

Sri K. Tukaram,
No. 46, Ashoka Road, Mysuru-1

5 General Section

Officers / Officials working in Sri Chamarajendra Zoological Gardens, Mysuru, on Deputation from various department as on 31/03/2017

Sl. No.	Particulars	Male	Female	Total
1	Deputy Conservator of Forests & Executive Director	0	1	1
2	Deputy Conservator of Forests & Deputy Director	1	0	1
3	Assistant Director, AH & VS	1	0	1
4	Assistant Engineer	1	0	1
5	Veterinary Officers	2	0	2
6	Audit Officer	1	0	1
7	Range Forest Officer	2	0	2
8	Deputy Range Forest Officer	0	1	1
9	Elephant Mahout	1	0	1
Total		9	2	11

Staffing Pattern:

Staff pattern of Sri Chamarajendra Zoological Gardens is as follows: Executive Director, Deputy Director, Assistant Director, AH and VS, two Veterinary officers, Assistant Engineer, Range Forest Officers, Deputy Range Forest officer, Audit Officer, Senior Assistants, Junior Assistants, Drivers, Attenders, Junior Attenders, and other staffs like workers engaged on Contract basis, Education officer, Literate Assistants, and Security Staff.

Permanent staff of Zoo Authority of Karnataka Employees

Sl. No.	Particulars	Male	Female	Total
1	Managers	0	0	0
2	Senior Assistants	5	1	6
3	Junior Assistants	6	1	7
4	Drivers	2	0	2
5	Atenders	9	1	10
6	Junior Attenders	12	5	17
Total		34	8	42

Engaged on Contract Basis

Sl. No.	Particulars	Male	Female	Total
1	Ex-servicemen engaged on contract basis	24	0	24
2	Persons engaged on direct contract basis	67	19	86
Total		91	19	110

Abstract

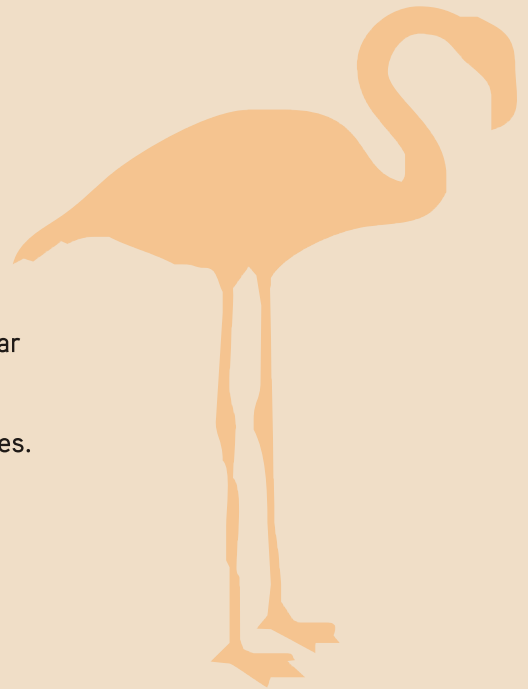
Sl. No.	Particulars	Total
1	Officers / Officials working in Sri Chamarajendra Zoological Gardens, Mysuru, on deputation from various department	11
2	Permanent Zoo Authority of Karnataka employees	42
3	Engaged on direct Contract Basis	110
Grand Total		163

Sri Chamarajendra Zoological Gardens, has gained an international reputation by the hard and team work of all officers and staff in breeding the endangered species, rearing the captive bred animals, as well as the deserted animals.

Facilities:

The following facilities have been provided to all the permanent employees along with pay and allowances as per prevailing Rules of State Government.

1. Uniform every year as decided by the officers.
2. Staff Benevolent Fund to Permanent staff.
3. EPF
12% on Pay + DA from Employee
13.36% on Pay + DA from Employer
ESI
1.75% on Pay + DA from Employee
4.75% on Pay + DA from Employer
Employee who gets Rs.21,000 & above Salary is not eligible for ESI facility.
4. Gratuity to all employees from the date of enrolment in zoo including deployment through different contractors and a sum of Rs.1.35 crore deposited with LIC authority as per Gratuity Act.
5. 15 days of Earned leave encashment benefit to permanent staff.
6. Weekly off and encashment of 30 days General Holidays in a calendar year to Permanent staff and 15 days to Contract employees.
7. One day Casual leave for one completed month for Contract Employees.
8. Additional wages for working on weekly off and general holidays.
9. O.T. Allowance for working extra hours.
10. Appreciation letters with or without cash incentives for exemplary service,
11. Annual incentives creditable to Public Provident Fund Account as approved by Governing Council of ZAK.
12. Emergent medical treatment for accidents occurred while on duty.
13. Subsidized mid-day meal (Zoo share -Rs.22/-, Employee share-Rs.15/-)
14. Medical benefit to dependent of employees including the reimbursement of expenses.
15. Every year Zoo day gift.
16. Wages credited to S.B. Account of the concerned employee.
17. Personal Loan facility extended through Bank.
18. Medical check-up every year.
19. Risk allowance @ Rs.1,000/- per month to employees working in Animal enclosure minimum of 20 working days.
20. Mobiles Phone facility to top level officers/staff



Transfers

Sri H.L. Nagendrappa,

Assistant Executive Engineer transferred to his parent Department during the month of August 2016.

Sri C.S. Prakash,

Deputy Range Forest Officer has transferred to his parent Department during the month of August 2016.

Sri N.T.Vijay Kumar,

Deputy Conservator of Forests and Deputy Director transferred to Karnataka Cashew Development Corporation Limited, Kundapura Division, Hosadu during month of December-2016.

New Appointments

Sri Nagshetty,

Audit Officer, has taken over charge on this Zoo on 1/6/2016.

Sri Arvind,

Assistant Engineer, has taken over charge on this zoo on 12/8/2016.

Smt. D. Rashmi,

Dy. RFO taken over the charge on Mysuru Zoo on 5/10/2016.

Dr. B. Manjunath,

Veterinary Officer, has taken over charge in this zoo on 15/11/2016.

Sri H. B. Manjunath,

Deputy Conservator of Forests, has taken over charges in this zoo on 3/2/2017.

Retirements



Sri S.V. Prakash and Sri S.Krishnappa,

both worked as Junior Assistant and served more than 30 years have retired on superannuation on 31st October, 2016 and on 30th November, 2016 respectively



Sri Mahesh

worked as Junior Assistant and served more than 30 years have retired on superannuation on 28th February 2017.

Sri Sannaiah

worked as Attender and served more than 30 years have retired on superannuation on 28th February 2017.

Sri Kantharaju

worked as Jr. Attender and served more than 30 years have retired on superannuation on 28th February 2017.

The Mysore Zoo wishes them for having peaceful retirement life in remembering their services.

Mysore zoo is an important tourist center situated in the heart of the garden city of Mysuru with a history of 125 years. Established by Sri Chamarajendra Wodeyar Bahadur during the year 1892. It achieved overall development and gained global distinction ever since its establishment and got name and fame for its scientific display of animals and well planned animal enclosures with greenery.

In the recent years, visitation to mysuru zoo is in the increasing trend and attracting more number of visitors from the country and abroad. With all round progress in display of animals, enrichment of animal enclosures, health care management, cleanliness, and facility for visitors and conducting several education programmes. Mysuru zoo is mainly depending on the revenue realized from the public through gate collections.

The zoo being an important tourist spot in Mysuru city attracts numerous numbers of visitors from the country and abroad. As per the decision taken by Governing Council of the Zoo Authority of Karnataka, the tariff fixed for Zoo entry and vehicle parking fees are as under.



Entrance Fee in Week Days

Adult : Rs. 50.00 per person.
Child : Rs.20.00 per child (5-12 yrs of Age)

Weekends (Sunday, Saturday & Government Holidays)

Adult : Rs. 60.00 per person.
Child : Rs.30.00 per child (5-12 yrs of Age)



Vehicle Parking Fee

1. Scooter/Motor Cycle.....Rs. 10.00
2. Motor Car/Jeep.....Rs. 30.00
3. Mini-Bus/
Light commercial Vehicle.....Rs. 50.00
4. Bus.....Rs. 70.00



Camera Tariff

1. Video CameraRs. 150.00.
2. Still Camera.....Rs. 20.00.



Battery Operated Vehicles

1. Adults.....Rs. 125 per person.
2. Child (5-10 yrs of Age).....Rs. 5 per person.
3. Senior CitizenRs. 75 per person.



Luggage TariffRs. 5.00 per Bag



Students Concession (In groups)

1. L.K.G. and U.K.G. ChildrenFree Entrance.
2. Primary School Students (1st to 7th standard)-.....Rs. 15.00 each student.
3. High School and PUC (8th to 12th Standard)-Rs. 25.00 each student.
4. Teachers accompanying the students-.....Rs.25.00 each Teacher
(2 Teachers for 50 Students)

Students Concession (In groups)

1. L.K.G. and U.K.G. ChildrenFree Entrance.
- 2 Primary School Students (1st to 7th standard).....Rs. 20.00 each student.
3. High School and PUC (8th to 12th Standard)Rs. 30.00 each student.
4. Teachers accompanying the students
(2 Teachers for 50 Students).....Rs.30.00 each Teacher.

Visitation & Revenue realized during the year 2016-17

Year	Visitors in numbers	Revenue Rs. (in Lakhs)
2010-11	2669663	786.08
2011-12	3033893	1190.33
2012-13	3035877	1202.63
2013-14	3025940	1310.14
2014-15	3137673	1621.43
2015-16	3186372	1678.58
2016-17	2838894	1496.13

7 Visit of VIP's & VVIP's and their comments:

■ Visit of Sri Vinay Kulkarni, MLA on 25/5/2016 ■



Well maintained, love to visit again
ತಾವುಗಳು ತುಂಬಾ ಚೆನ್ನಾಗಿ ಪ್ರಾಣಿಗಳನ್ನು ಪಾಲನೆ ಮಾಡಿದ್ದೀರಿ ಮತ್ತು ಸ್ವಚ್ಛತೆ ಬಗ್ಗೆ ಹೆಚ್ಚಿನ ಆಸಕ್ತಿ ವಹಿಸಿದ್ದೀರಿ, ಇದನ್ನು ನೋಡಿ ತುಂಬಾ ಸಂತೋಷವಾಗಿದೆ. ತಾವುಗಳು ಈಗಾಗಲೇ ಮಾದರಿ ಮಾಡಿದ್ದೀರಿ. ಇನ್ನೂ ಹೆಚ್ಚು ಗುಣಮಟ್ಟಕ್ಕೆ ಹೋಗುವಂತೆ ತಮ್ಮ ನಿರಂತರ ಶ್ರಮವಿರಬೇಕು. 📌

Visit of Ch. Lal Singh, Forest, Environment & Ecology Minister for Jammu Kashmir visited Mysuru Zoo on 23rd September, 2016. He appreciated zoo for good maintainance.



■ Visit of Forest Minister of Assam ■

Smt. Pramila Rani Brahma, Hon'ble Minister, Forest and Environmental Government of Assam. Visited Mysore Zoo on 4th December 2016, and spend more than two hours and appreciated the work of the staff and zoo management as,

The zoo is very nicely maintained it is very unique and outstanding. All the animals in the zoo are getting rich food and so all of them are healthy 📌



I am extremely happy to see the well maintained and well fed animals by the Zoo staff. My best wishes to the team.

Bharathiya Reserve Bank Note Mudran Pvt. Ltd., Mysuru is happy to associate with Mysuru Zoo in adopting the animals. All the best and keep it up. 📌

H.S. Thakur Desai, General Manager,
Bharathiya Reserve Bank Note Mudran Pvt. Ltd.,
Visited Mysuru on 16/7/2016.



Youth club inauguration & Valedictory



Independence Day



Republic Day



Dr. B.R. Ambedkar Jayanthi



Zoo Day Celebration



Children's day

Dasara crowd

Christmas day





Animal Care:

Laboratory Investigation undertaken

Investigations	Total samples investigated
Fecal	200
Blood	50
Sputum	02
Urine	05
Staff blood samples	39

IMPORTANT TREATMENTS:

Tufted Capuchin: Skin Infection



Skin scrapping and biopsy procedure



Capuchin monkey with skin infection

Mysore Zoo has a colony of nine Tufted Capuchin monkeys. Since a year, all the capuchins were suffering from severe skin infection characterised by pruritis, alopecia, and matting. During the month of April 2016, the problem was diagnosed as a fungal infection by the skin scrapping examination and biopsy. Treatment carried out for a period of 60 days. All the animals were recovered with no signs of pruritis and alopecia.

During the month of October 2016, the skin problem reoccurred among pair of capuchins housed in first enclosure. Medication given for the same for 15 days. All the capuchins were completely recovered from skin infection.

Diagnosed as Aspergillosis



Capuchins recovered from skin infection



Caiman Crocodile: Bone tumor extraction (Osteoma)



Caiman Crocodile with Bone tumor



Bone tumor excised surgically

23 years old male Caiman Crocodile was having bone tumor on ventral border of the left mandible since a year. During May 2016, continuous bleeding from the tumour was noticed. The animal was brought to Zoo hospital for examination. Radiograph was taken to differentiate the involvement of soft tissue and bone. Radiograph revealed exostosis of ventral border of left mandible which was tentatively diagnosed as osteoma. The bone tumour was resected surgically. Animal was kept as inpatient for post-operative care for 10 days in zoo hospital and later shifted to native enclosure. After continuous post-operative care, 60 days later the wound found to be healed completely and animal is doing well.

Caiman Crocodile after complete recovery



Post-operative care - Wound dressing



Flea infestations among Swamp deers:



Swamp deer with severe flea infestation



Application of ectoparasiticide

The Swamp Deer fawns and adults were restless and continually scratching. The animal keepers observed the presence of fleas in numerous number. One of the fawn died due to anaemia because of severe flea infestation. Several traditional methods were tried to control the flea but the attempts were unsuccessful.

Entire enclosure was sprayed with Cypermethrin solution once in ten days for a month. Since it is difficult to handle the individual animal, it is very difficult to apply ectoparasiticide on each and every individual animals. We started spraying of Eucalypts Oil on animal body. Jet sprayer machine was used to spray the medicine over the animals, the jet sprayer was fixed next to the feeding area, the animals used to come for the feeding and stays in the area for at least 30 minutes during which time the spraying is done. Initial days the animals found discomfort for the sprayer and even the sound produced by the sprayer machine, few days later the animal was comfortable with sprayer. After all this the flea menace was controlled for maximum extent.



Spraying of animal enclosure with parasiticide and ectoparasiticide over the animals

Caiman Crocodile: Eye infection



Many of the Caiman Crocodiles had eye opacity problems since many days. On 26th April 2016, one of the male caiman crocodile aged 23 years old had focal necrotic spectacle part. The necrotic part removed surgically. Post-operative medication with eye drops and antibiotics were carried out for a period of 30 days. One Month later the eye lesion came down completely with no visual impairment.



Wound treatment in Smooth Coated Otter



An Adult male smooth coated Otter Ranga aged 9 years had severe injury on right aspect of the forehead due to infighting with is young inmate Swamy. The case was attended immediately with topical application of ointments. A week later the wound turned maggotic. Animal was sedated and maggots were removed and wound dressing done. Antibiotics given for 10 days and ointment application continued for duration of 45 days. Wound took almost 50 days to heal completely.



Stripped Hyena: Tail Resection

An adult male hyena Krishna aged 10 years had wound over the tail tip might be due to infighting injury, which got turned into gangrene after a week due to continues auto mutilation. On 10-10-2016, upon physical examination the gangrene has been confirmed. The gangrenous part of the tail resected surgically and wound dressing done. To avoid further auto mutilation Elizabethan collar was applied. On 27-10-2016, the wound was healed completely.



Leopard with eyelid infection (Blepharitis)

A three year old male leopard was suffering from bilateral eye lid infection. Animal had pruritis, led to continuous rubbing both the eyes which makes the animal restless. Treatment was carried out for 15 days with eye drops and antibiotics. After 20 days eyelid infection came down maximally and complete resolution was seen after a month.



Pododermatitis in Sloth Bear

A young female bear aged 1year which was rescued from Tumkur district on 12-08-2016 was suffering from Pododermatitis. The animal could not able to bear weight properly as it was painful. The animal was made to walk on the antifungal powder which was sprinkled all along the usual walking pathway inside the holding room. This works out to be a feasible technique. In addition to that course of antibiotics given orally. The animal recovered soon and started bearing weight normally.



Anorexia in Anaconda



A female Anaconda aged 6 years acquired from Srilanka Zoo on 2011. The animal had a history of severe gastroenteritis a year back ago which recovered with continues treatment for 3 months. Again during the month of December 2016, snake found lethargic and didn't show any interest for feeding. Thereafter snake was under strict monitoring for the activity. Even after 75 days animal didn't taken feed. Then snake was dewormed and given oral medication thrice with an interval of 4 days. Later on snake was active and started taking first feed on 28th March 2017. Now the appetite and activity is normal.

Swamp Deer with hind leg knuckling:



A semi adult female swamp deer brought from Lucknow zoo on animal exchange program shown both hind limbs knuckling soon after unloading from the cage on 14th August 2016. It might be due to transit over a long period of time in a concise space. Immediately the supportive cast applied to correct the knuckling. By continues treatment and managemental practices for rehabilitation resulted in resolution of knuckling over 60 days during which the animal was kept in separate enclosure. The animal started bearing weight on both the hind limbs normally. During the course of correcting the knuckling the wound developed over the anterior surface of the phalanges. Again cast was applied to support the knuckling as well as to protect the wound. On 12/12/2016, the animal showed weight bearing over the affected limb with complete resolution of knuckling.

Jaguar Raja: Constipation



An adult male Jaguar Raja aged 11 years had constipation problem often. On 09-06-2016, Raja didn't passed the feces and was off feed. Symptomatic treatment started. The animal didn't show any improvement. Animal didn't passed the feces even after 4 days and continued to be off feed. Animal was taken into squeeze cage and rectal enema was given to relieve the constipation. In addition to this oral laxative, antibiotics and supplements were also given. On 15-6-2016, Raja passed large quantity of hair mixed feces. Even after relieving constipation Raja didn't show any interest on feeding. Minced meat mixed with milk was introduced slowly. After 10 days, Raja started taking the feed in small quantity. Similar feeding regimen was continued for 15 days. Thereafter Raja showed normal appetite and normal fecal constituency was seen.

Asiatic Lion- ‘Shankar’:

A male Asiatic lion Shankar aged 8 years 2 months is received from Sakkarbaugh Zoo, Junagadh on 06-03-2011 was found dull and off feed on 30-04-2016. On Monday (02-05-2016), the animal was taken into the squeeze cage and necessary treatments were started. On 07-05-2016 Professor. C. Ansar Kamran, Department of Medicine, Veterinary College, Hassan was called for an expert opinion. Later on blood examination revealed that the animal was suffering from Liver and Kidney problem. The treatment is being carried out as per the guidance of Prof. Ansar Kamran. All the efforts and treatment to save Shankar went in vain. He died late in the evening on 09-05-2016.



Death of Indian Grey Wolf- ‘Rani’:

Animal had infighting with other animal in the exhibit area. There were wounds around neck region. The wounds were maggot infested and the animal went off feed and inactive. Necessary treatments were started. But the animal did not respond to the treatment and died on 07-08-2016 due to severe infighting trauma lead to septicemia and shock.



Death of Gaur- ‘Sanju’:

A male adult Gaur aged 13 years had an injury on its right forelimb due to infighting with his inmates on 29-03-2017. Surgery performed to reconstruct the wound on the same day. After the surgery the animal was revived. Later, the other male gaurs had tendency to fight this injured gaur for which the animal keepers were deployed for observation. By 8.45p.m., a young adult male gaur fought with the injured gaur again and resulting in lateral recumbence. Immediately, necessary treatment was given to revive the animal. In spite of the efforts made, animal didn't respond and died by 10.00p.m. due to shock.

Death of Hamadryas Baboon- ‘Arjun’:



A male baboon Arjun aged 17 years developed bed sores at two sites on the buttock region since a month and also developed left forelimb lameness afterwards. Concerning to the dental health, Arjun has shown multiple gum tumors. For the bed sores, two times sutures applied in order to fasten wound healing but due to continuous sitting posture the wound is under constant pressure which is affecting wound healing. Managemental efforts were made to avoid sitting on his back by providing paddy straw as bedding, soft padded chair and some other means like tyre and tube. However, the animal is not cooperative for the above said procedure. In addition, multiple gum tumors and osteoarthritic lesions seen at his left elbow. On 07-09-2016 he died in the enclosure.

Death of Gaur- ‘Laara’:

A 16 years old male gaur Laara was found dead early in the morning inside the enclosure (Pen 2) on 21-07-2016. Animal was showing age related health problems like reduced feed intake, progressive loss of body condition and less activity. He was also suffering from chronic forelimb lameness. Post mortem examination revealed fracture of rib at left thoracic region due to infighting. The death may be due to shock caused by infighting injury.



Death of Adjutant Stork:

A female Adjutant Stork aged 26 years 10 months was apparently normal till previous evening and died on 24-10-2016 morning at enclosure without showing any symptoms. The Postmortem examination revealed the death may be due to senility / multi organ failure.



Female Grant Zebra -



Riddhi, a female zebra, aged 3 years 11 months was received from Ramat Gan National Park, Israel on 25-04-2014. On 07-11-2016, Riddhi was found dull and salivating, exhibited the colic symptoms. Immediately, Animal was tranquilized to relieve colic. During the procedure, before attempting medication animal died. Post mortem examination revealed severe catarrhal gastro enteritis and impaction of stomach.

Death of Baboon ‘Yuga’ on 9/2/2017:

A male baboon baby named Yuga born to Diana and Ram on 04/04/2016. Due to lack of maternal care the day old baby was separated from the mother by sedating her and brought to the zoo hospital for hand rearing. The baby was reared by feeding Human Infant Milk Formula Lactogen as per the standard schedule. The Mysore zoo was also first time witnessed the hand rearing of Hamadryas Baboons. He also gained wide publicity and attracted the media. The baby was bought up very well and slowly switched over solid foods. During the month of January 2017 the Yuga was shifted to main enclosure. Before releasing him back to the enclosure, keepers were used to take him to the enclosure in the morning and bringing back to the hospital in the evening.

Next step is, he was allowed to mingle and play with his nephew for few days who was born in the enclosure of same age. Later on after a month, Yuga was allowed to stay with his inmate baboon of same age in the holding room. Yuga was active and alert on 8.2.2017 as per the observation. On 9.2.2017, animal was found dead inside the holding room in the morning. Left over fruits and vegetables along with vomited content at 2 to 3 sites found within holding room. The post mortem examination revealed death due to Acute Respiratory Failure and isolated Klebesilla organisms in the sample sent to the laboratory.

Death of Dhole ‘Lakshmi’ and Pups:

On 10.3.2017, as a routine schedule all the wild dogs were given Triquin Injection as prophylactic measure against trypanosomiasis by restraining all the animals' physically. Immediately after the five minutes animals were started showing symptoms of adverse reactions such as in coordination in movements, salivation and hyperthermia. All the animals were treated symptomatically to counter act the adverse reactions. Out of six, 5 years 3 months old Pranav, a male wild dog and another male Dhole aged 1 years 2 months born on 6.1.2016 in Mysore zoo did not responded to the treatment and died on the same day due to Anaphylactic shock. A female wild dog Lakshmi aged 10 Years 2 Months was given birth to a 6 pups 2 months back and though she recovered from adverse reactions due to stress induced capture myopathy died after two days i.e. on 12.3.2017. Postmortem examination of all the dogs revealed the symptoms of shock and capture myopathy.

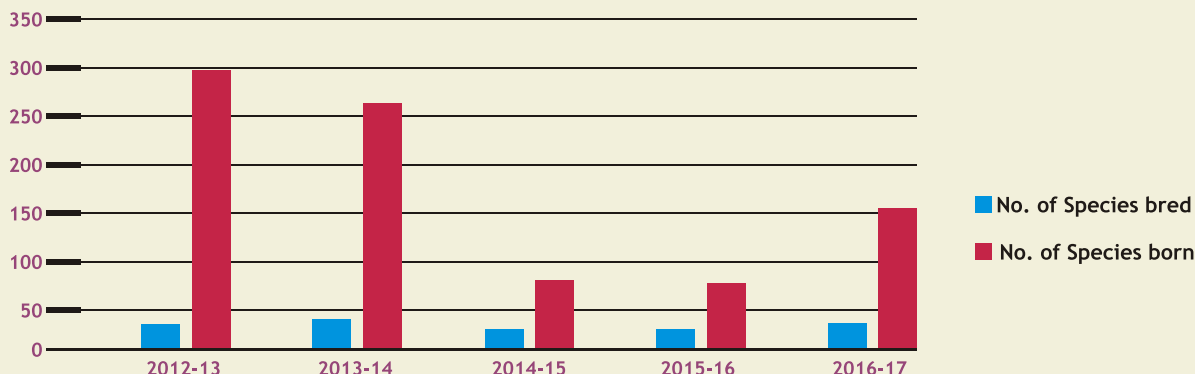
Death of Nilgiri Langur :

A male Nilgiri Langur aged 7 years 4 months old received from Arignar Anna Zoological Gardens on 14.10.2014. The animal had history of seizures and anaemia since last 3 months. Upon treatment the animal recovered completely and doing normal. Three days prior to death animal shown seizures and appears to be dull. Again treatment was given to the animal, but animal did not respond to the treatment and succumb to death on 25.10.2016.

IMPORTANT BIRTHS OF THE YEAR

Captive Breeding trend from past 5 years. Important births

Year	No. of Species bred	No. of Species born
2011-12	31	298
2012-13	36	265
2013-14	21	77
2014-15	21	76
2016-17	27	76





Zebra Riddhi with Foal



Black Buck with Fawn



Gaur with Calf



Indian Grey Wolf Pups



Dhole Pups



Four Horned Antelope Fawn



Sambar Deer Fawn



Red Necked Wallaby with Joe



Pelican with chicks



Sacred Ibis with Chicks



Black Swan with chicks

S.N.	Date	Local ID	Species	M	F	U	T	Remarks
1	2/3/2016	B01692-94	Black Swan	0	0	3	3	Born in enclosure
2	20/3/2016	M01216	Gaur	1	0	0	1	Born in Pen 2 enclosure
3	4/4/2016	B01217	Baboon-Yuga	1	0	0	1	Born in enclosure
4	4/4/2016	M01218	Thamin Deer	0	0	1	1	Born in enclosure
5	5/4/2016	B01695	Scarlet Ibis	0	0	1	1	Hatched in enclosure
6	21/4/2016	M01219	Grant Zebra	0	1	0	1	Born in enclosure
7	11/5/2016	M01223	Swamp Deer	0	0	1	1	Born in enclosure
8	16/6/2016	M01224	Mouse Deer	0	0	1	1	Born in enclosure
9	17/6/2016	M01225	Black Buck	0	0	1	1	Born in enclosure
10	22/6/2016	M01226	Goral	0	1	0	1	Born in enclosure
11	May 2016	B01696-20	Black Crowned Night Heron	0	0	25	25	Hatched in enclosure - Walk through aviary
12	24/6/2016	Ng2	Gaur Pen-1	1	0	0	1	Born in enclosure
13	2/7/2016	M01230	Gaur Pen-2	0	1	0	1	Born in enclosure - Org Ear Tag- SCZG00426
14	4/7/2016	M01231	Wallaby	0	0	1	1	Born in enclosure
15	29/7/2016	M01232	Swamp Deer	0	0	1	1	Born in enclosure
16	2/8/2016	B01231	Sarus Crane	0	0	1	1	Hatched in Karanji Lake
17	4/8/2016	B01232	Sarus Crane	0	0	1	1	Hatched in Karanji Lake
18	8/8/2016	M01239	Black Buck	0	0	1	1	Born in enclosure
19	8/8/2016	M01240-42	Nilgai	0	0	3	3	Born in enclosure
20	12/8/2016	M01243	Sambar	0	0	1	1	Born in enclosure
21	15/8/2016	M01245-48	Hog Deer	0	0	4	4	Born in enclosure
22	17/8/2016	M01249-50	Hog Deer	0	0	2	2	Born in enclosure
23	17/8/2016	M01251	Gaur Pen-1	0	0	1	1	Born in enclosure Pen 1
24	30/8/2016	M01244	Sambar	0	0	1	1	Born in enclosure
25	1/9/2016	M01253-55	Hyaena	0	0	3	3	Born to Ragini in enclosure.
26	22/9/2016	B01733	Black Swan	0	0	1	1	Hatched in Japan Pond
27	23/9/2016	M01256-57	Black Buck	0	0	2	2	Born in enclosure
28	23/9/2016	B01734-37	Black Swan	0	0	4	4	Hatched in Karanji Lake
29	24/9/2016	M01258	Swamp Deer	0	0	1	1	Born in enclosure
30	2/9/2016	B01738	Sun Conure	0	0	1	1	Hatched in enclosure

Total No. Births during the year 2016-17

S.N.	Date	Local ID	Species	M	F	U	T	Remarks	
31	4/9/2016	B01739	Sun Conure		0	0	1	1	Hatched in enclosure
32	8/10/2016	M01259-60	Nilgai		0	0	2	2	Born in enclosure
33	21/10/2016	M01261	Capuchin		0	0	1	1	Born in enclosure
34	30/10/2016	B01740-42	Black Swan		0	0	3	3	Hatched in Japan Pond
35	3/11/2016	M01289	Sambar		0	0	1	1	Born in enclosure
36	13/11/2016	M01262	Black Buck		0	0	1	1	Born in enclosure
37	19/11/2016	M01289	Sambar		0	0	1	1	Born in enclosure
38	30/11/2016	M01263	Sambar		0	0	1	1	Born in enclosure
39	3/12/2016	B01743-48	Lady Amherst Pheasant		0	0	6	6	Born in enclosure
40	10/12/2016	M01264	Sambar		0	0	1	1	Born in enclosure
41	9/12/2016	B01749-50	Spotbilled Pelican		0	0	2	2	Hatched in incubator
42	10/12/2016	B01751-54	Sacred Ibis		0	0	4	4	Born in enclosure
43	15/12/2016	M01271-76	Indian Grey Wolf		0	0	6	6	Born in enclosure
44	17/12/2016	M01277-82	Wild Dog		0	0	6	6	Born in enclosure
45	20/12/2016	M01265	Black Buck		0	0	1	1	Born in enclosure
46	22/12/2016	M01266	Black Buck		0	0	1	1	Born in enclosure
47	29/12/2016	M01267	Black Buck		0	0	1	1	Born in enclosure
48	31/12/2016	M01268	Black Buck		0	0	1	1	Born in enclosure
49	17/1/2017	M01283	Thamin Deer		0	0	1	1	Born in enclosure
50	18/1/2017	M01284	Sambar		0	0	1	1	Born in enclosure
51	13/1/2017	B01755-56	Sun Conure		0	0	2	2	Hatched in incubator
52	4/1/2017	B01757	Dusky Lory		0	0	1	1	Hatched in incubator
53	28/1/2017	M01285	Black Buck		0	0	1	1	Born in enclosure
54	1/2/2017	M01286	Thamin Deer		0	0	1	1	Born in enclosure
55	11/2/2017	M01287	Black Buck		0	0	1	1	Born in enclosure
56	25/2/2017	M01288	Baboon		0	0	1	1	Born in enclosure to Diana
57	Feb 2017	B01758-72	Black Crowned Night Heron		0	0	15	15	Hatched at enclosure
58	Feb 2017	B01773-97	Budgerigar		0	0	25	25	Hatched at enclosure
		Total			3	3	151	157	

ACQUISITION OF ANIMALS

S.N.	Date	Local ID	Species	M	F	U	T	Remarks
1	12/3/2016	R00185	King Cobra	1	0	0	1	Received from Ujire, Mangalore
2	19/3/2016	R00186	King Cobra	1	0	0	1	
3	20/3/2016	R00187	King Cobra	0	1	0	1	
4	21/5/2016	R00188	Indian Rock Python	0	1	0	1	Received from South Canara
5	21/5/2016	R00189	Indian Rock Python	0	0	1	1	Received from Dharamasthala
6	21/5/2016	R00190	Indian Rock Python	0	0	1	1	Received from Ujjire
7	21/6/2016	R00191	Indian Rock Python	1	0	0	1	Received from Belagola
8	31/7/2016	M01228	Sloth Bear 5-6 years	0	1	0	1	Received from Bukkapatna Range, Tumkur Dist, Forest Department
9		M01229	Sloth Bear 5-6 months	0	0	1	1	
10	18/7/2016	R00192-95	Rough Scaled Sand Boa	0	0	4	4	Rescued by Public
11	4/8/2016	M01252	Asiatic Lion-Ranita	0	1	0	1	Received from Sakkarbaugh Zoo
12	13/8/2016	M01237	Hyaena-Sowmya	0	1	0	1	Received from Lucknow Zoo
13		B01722-29	Rosy Pelican	4	4	0	8	
14		M01233-34	Swamp Deer	1	1	0	2	
15	12/8/2016	M01238	Sloth Bear	0	0	1	1	Received from Bukkanapatna, Tumkur Division
16	15/8/2016	B01730	Brahminy Kite	0	0	1	1	Rescued by public
17	26/12/2016	M01269-70	Asiatic Elephants	1	1	0	2	Received from Suttur Mutt, Mysuru
Total				9	11	9	29	

On 26/12/2016, two Asiatic Elephants Champa and Drona are received from Suttur Mutt, Mysuru.



Rescued sloth bear from Tumkur



Arrival of Asiatic Lioness ‘Ranita’

On 4.8.2016, a female Asiatic Lion Ranita is received from Sakkarbaugh Zoo. Ranita is doing well.



Arrival of A male Asiatic Lion ‘Shaurya’

Shaurya arrived from Rajkote Zoo on animal exchange programme on 6/3/2017.



Arrival of Lucknow Zoo Members to Mysore Zoo Family

On 13/8/2016, 4:4 Rosy Pelicans, male Hyena and 2:2 Swamp Deers are received from Nawab Wazid Ali Shah Prani Udyan, Lucknow, on animal exchange programme after a successful journey of 3 days by road.



Arrival of Animals from Chennai Zoo to Mysuru Zoo

2 female Sambars, 2:4 Rhesus Macaque and 1:1 Reticulated Python are arrived on 02/03/2017. The animals are received from Arignar Anna Zoological Park, Chennai, on animal exchange programme after a successful journey by road. In exchange of these animals, Mysuru Zoo spared 2:3 Nilgai, 0:2 Silver Pheasant and 1:1 Common Ring Necked



DISPOSAL OF ANIMALS

S.N.	Date	Local ID	Species	M	F	U	T	Remarks
1	01-07-2016	M01211	Indian Grey Wolf	1	0	0	1	Transferred to Arignar Anna Zoological Park, Vandalur, Chennai
2	05-08-2016	M01210	Indian Grey Wolf	1	0	0	1	Transferred to Sakkarbaugh Zoo, Gujarat on animal exchange programme.
3		B00749, 889	Eclectus Parrot	1	1	0	2	
4		B01264, 454	Sun Connure	1	1	0	2	
5		B01635-36	Black Swan	1	1	0	2	
6	06-08-2016	M01162, 26, 25, 71	Hog Deer	2	2	0	4	Transferred to Nawab Wajid Ali Shah Zoological Garden, Hazratganj, Lucknow.
7		B01632-33	Black Swan	1	1	0	2	
8		B01603-06	Silver Pheasant	2	2	0	4	
9		B00760,61, 5, 921	Lady Amherst Pheasant	2	2	0	4	
10		B00878-79	Rose Ringed Parakeet	1	1	0	2	
11	28-02-2017	M01240-42, 59, 60	Nilgai	2	3	0	5	Transferred to Arignar Anna Zoological Park on animal exchange programme.
12		B01618-19	Silver Pheasant	0	2	0	2	
13		B01570-71	Common Ring Necked Pheasant	1	1	0	2	
14	08-03-2017	M00135	Himalayan Black Bear - Pankaj	1	0	0	1	Transferred to Rajkot Zoo on animal exchange programme.
15		M01205, 09	Indian Grey Wolf	1	1	0	2	
16		M01245	Hog Deer	1	0	0	1	
Total				9	11	9	29	



Effective control and containment of Avian Influenza occurred at Mysuru Zoo



On 28/12/2016, 1 Spot Billed Pelican and 3 Greylag Goose found dead in pond no.3. Zoo vets with scientist from IAH & VB rushed to the spot and examined in detail. On observation, one ailing Spot Billed Pelican and 1 Greylag Goose were also noticed. Immediately SRDDL Joint Director of IAH and VB Bangalore called and brief the situation. As per his suggestion samples were sent to Bangalore for examination.

The affected birds were isolated and kept in quarantine and treated. Precautionary measures are taken as follows:

- At the entry and exit of the pond, the foot dips were made for the visitors.
- The open aviary and Japan ponds were closed for the visitors.
- Bio-security measures were strengthened.
- The strict monitoring was under taken in Karanji lake for any unusual death of migratory birds.
- Disinfection process was carried out in and around the pond.

At 8.30 pm we got the information through telephonic communication from the IAH and VB, Bangalore insisting to send some more samples for further investigation.

On 29/12/2016, after getting negative for Avian flu we sent water samples of pond to JC Institute, Mysore, IAH and VB, Mysore and a private lab for analysis. At 11.30pm we found one ailing Greylag Goose in pond no2. The bird was segregated and kept in isolation. Similarly in Pond No 3 the ailing Spot billed pelican and Greylag goose are segregated and isolated. Symptomatic treatment was given. The water was pumped out from pond No3. Strict biosecurity measures were followed at all the entry points.

Again we updated the current situation regarding the ailing birds to IAH and VB, Bangalore and as per their suggestions the samples from ailing birds were taken.

On 31/12/2016, received laboratory report from NIHSAD, Bhopal confirming the H5N8 Disease (Avian Influenza) through Commissioner, Dept. of Animal Husbandry and Veterinary Services, Govt. of Karnataka. Immediately on 3/1/2017, a special meeting was conducted under the chairmanship of Executive Director, Mysuru Zoo. The members presented in the committee are as follows:

Name and Designation of the Officer

Smt. K. Kamala IFS.,
Deputy Conservator of Forests & Executive Director,
Mysuru Zoo, Mysuru

Dr T. S. Manju
Additional Director,
Dept. of AH & VS, Bengaluru.

Dr. Venkatesh
Joint Director, SRDDL, IAH & VB,
Bengaluru

Dr. Channegowda H.K.,
Veterinary Officer,
Joint Director office, Mysuru

Dr. P. M. Prasad Murthy,
Deputy Director,
Dept. of AH & VS, Mysuru

Dr. Ramesh K.R
Assistant Director,
Sri Chamarajendra Zoological Gardens,
Mysuru.

Dr. Dharanesh N.K,
Regional Research Officer
ADDL, & IC, IAH & VB, Mysuru.

Dr. Kusuma
District Surveillance Officer,
Dept. of Health & Family Welfare,
Mysuru.

Dr. Manjunatha B.
Veterinary Officer,
Sri Chamarajendra Zoological Gardens,
Mysuru.

Dr. Madan K.V
Veterinary Officer,
Sri Chamarajendra Zoological Gardens,
Mysuru.

Executive Director and Zoo Veterinarians briefed the committee in detail. After discussion the committee recommended as follows:

1. To establish a cell with all facilities for communication.
2. The Zoo administration to follow strict bio-security measures henceforth.
3. Zoo administration to follow strict vigilance and restrict inter-sectional personnel movement.
4. The administration to take care of employees health checkup and necessary treatment in coordination with Department of Health and Family Welfare, along the awareness camps.
5. Surveillance to be carried out:
 - a. Samples to be sent in person to NIHSAD, to Bhopal once in 10 days, covering entire aviary in the zoo in 30 days.
 - b. Deputy Director, Department of AH & VS, Mysuru to intensify surveillance for 10kms radius of the Zoo.
 - c. District Health Officer, Mysuru to intensify surveillance in and around the Zoo.
6. To identify teams to work separately by infected and non infected zones.
7. The entire team went around the avian enclosures. It was observed that the animal enclosures and water bodies spread across the zoo. Further, it was also observed that the path ways of visitors were very close to these enclosures. Because of the existing situation the safety of the captive birds and zoo animals was discussed in detail. As the death of migratory birds were reported positive for Avian Influenza, prevention of spread of infection within the premises was discussed.
8. Deputy Director, Department of AH & VS, Mysuru explained that there are no reports of unnatural death in and around 10kms of the epicenter.
9. To close the Zoo for visitors for one month as a strict bio-security measures to contain and control the infection as the virus is likely to survive for 1 month in damp environment.
10. In case of any further unnatural deaths, report to Bhopal, zoo administration to take necessary action.
11. All the water bodies (Pond 1,2,3) to be dried and sanitized / disinfected.

As per the recommendations of the committee and directions of Member Secretary, Central Zoo Authority, Ministry of Environment, Forest and Climate Change, Govt. of India, New Delhi, the zoo was closed for a month from 4/1/2017 to 2/2/2017 after discussing with concerned officers in order to control and containment of avian influenza infections.

After following all the control and containment measures, the situation was under control and 4 consecutive samples were sent NIHSAD, Bhopal in 15 days interval. Zoo was reopened on 3/2/2017 for visitors, after obtaining negative results of 2 consecutive samples for H5N8 (Avian Influenza) from NIHSAD, Bhopal at 15 days interval.



Migratory and free ranging Birds found dead at pond



Samples sent for Laboratory Investigation



Biosecurity measures followed- disinfecting the entire zoo and ponds



Disinfecting the vehicles and footdips provided at visitors entry



Summer Management:



Though there is a summer, the zoo animals are staying cool. Basically animals are provided the diet like fruits such as watermelon, and muskmelon; citrus fruits - oranges and sweet lemons; and bananas and grapes which help them to cool off. The moated enclosures of all large animals are equipped with water sprinklers and jets.

The animals usually get stressed and dehydrated in hot weather. Sufficient and cool drinking water has been provided in enclosures and more ponds have been developed to ensure that they do not suffer from dehydration. Drinking water is mixed with electrolytes to replenish body salts. "Mud ponds have been created for animals such as Indian Gaur and Rhinoceros. The mud on their body surface protects them from the heat.

Some of the roofs of animal holding rooms had been covered by paddy straw soaked with water to maintain the temperature. The straw holds water for a longer time unlike gunny bag, giving long-lasting cooling.

Also, the zoo's extensive greenery lowers the temperature. The temperature inside the zoo premises is at least 2 to 3 degrees Celsius less compared to other core parts of the city.

Ice blocks are placed inside the ponds of Himalayan Bears and Otters daily.





Garden Section

Animal & Garden section:



Renovation of Otter enclosure



construction of iron railings at **Indian Elephant Enclosure**.



Rodent proof works at birds enclosures: Rodents menace is a big nuisance at all enclosures. Prevention of rodent problem are found to be a big task. As per the suggestion of our Executive Director two feet depth shallow pond was constructed with concrete leaving the percolation poles all over the base. The soil was filled up and created natural environment as that of earlier.



Barricade at African Elephant Enclosure: A new barricade was constructed at African Elephant enclosure using heavy gauge iron railings.



Barricade and water pond at African Elephant enclosure: In the west side of the African elephant enclosure along with the barricade a shallow water pond was constructed.



Hippopotamus Shed: A shelter was renovated at Hippo's enclosure to keep feeding materials.



Painting Work at Store



Drain at Neelghai Enclosure: Whenever there is heavy rain due to improper drainage water stagnation at the end of Neelgai enclosure is used to be a common problem. The drainage was constructed to facilitate the flow of rain water & the problem was resolved.



Baboon Enclosure: Two day kraals are newly constructed on back side of the Baboon holding rooms to accommodate newly born Baboon babies and also surplus animals.



Tiger enclosure: Water ponds are constructed at Tiger Day kraal areas to provide them a natural environment and as part of enrichment.



Giraffe Enclosure Barricades : Some portions of the Giraffe enclosure barricades are newly erected, strengthened & increased the height.



Bottle scanner unit



Guar Shelter: Shelter with Mangalore tiles was constructed at pen 1 Guar enclosure to provide protection from rain and hot sunny weather.



Nocturnal Animals Enclosures : Half of the mud flooring was covered with cement floor this helps in proper cleaning of fecal matter which helps to maintain a hygienic environment.



Lion Enclosure Double Mesh : We have two lion exhibit areas, usually the lion tends to fight with other lion which are another side of the exhibit areas. We have recorded couple of issues with minor injuries so double layer mesh was laid all along the exhibit & day kraal areas where the lions are come in contact with each other.



Visitors shelters made out of thatched roofs using coconut palms



Enrichment Work at Capuchin Monkey Enclosure: Swings, High raised platforms, Ladders and



Rhino Enclosure Pergola: Thatch roof pergola was constructed inside the Indian Rhino enclosure to provide shelter from sun and rain.



Enrichment Work at Bear Enclosure: Roller drums, See-saw, Swing & Hammocks were installed at two sloth bear enclosures. The Bears loves to use all these enrichment articles & this attracts public in larger way.



Boxes for Birds House: A Wooden nest boxes of different types & sizes were made to suit the different species of birds. The suitable nest boxes were provided at all the birds houses which helps in attaining a successful breeding.



Wolf enclosure: Mesh was newly constructed to provide a safety to animals.



Boxes in Marmoset : Wooden boxes were placed at two to three sides of marmoset enclosure to mimic natural housing.



Enrichment Work at Chimpanzee Enclosure: A raised platforms along with swings were installed as an enrichment for the chimps. The animals utilize these things in a proper manner.



Bamboo Basket in Heritage House : Bamboo baskets were placed in the heritage house to attain a successful breeding.



Enrichment at Pheasant & Peafowl enclosures: Different sizes of parches were provided for all Pheasant & Peafowl enclosure as per the requirement to elicit natural behavior.



Improvements done to Himalayan Bear Enclosure as per approved Master Plan inside mysuru zoo



Renovation of salt water crocodile enclosure



Newly constructed house in Hyena enclosure



Renovation of LTM House



Snake enclosure: Improvements done to Anaconda enclosure and also Provided with Yelahanka tiles over Anaconda enclosure



Food court renovation at Amphitheatre



Work of out door interpretation



Construction of keepers room near African Elephant enclosure



Keepers room in Gaur enclosure



Canteen pergola



Construction of rest room at Giraffe Enclosure



Providing Interlocking Pavement between Wallaby & small Snakes



Renovation of rest room near Indian Elephant enclosure



Widening of the path



Garden at Hyena House : The unutilize land behind the Hyena house was converted into a garden. Garden was beautified with buffalo grass & horticulture ornamental plants in addition to that sprinklers provision was made in the garden for watering.



Food Court Garden : A Mexican grass lawn was made in the food court garden

Land scaping works made in Amphitheatre



Steps in Amphitheatre

Amphitheatre Garden Work:



Mexican grass lawn was made all over the Amphitheatre along with other ornamental plants which enhances the beauty of Amphitheatre and also attracts the public.



Garden behind lion House: The unutilize land behind the lion house was converted into a garden. Garden was beautified with buffalo grass & horticulture ornamental plants in addition to that sprinklers provision was made in the garden for watering.

12 Animal Adoption of the year 2016-2017

JSS Mutt, Sri Suttur Mutt, Mysuru

On the auspicious occasion of Jagadguru Sri.Dr.Shivarathri Rajendra Maha Swamiji's 101st Birth Day Celebrations on 29/8/2016, His Holiness Jagadguru Sri Sri Sri Shivaratri Deshikendra Maha swamiji has generously contributed a sum of Rs.1,00,000/- towards the day's Feeding Cost of all the Zoo Animals

M.A.Vedavalli Srinivasam, Bengaluru

have renewed the adoption of a Elephant (Madesh) by paying Rs. 75,000/- for a further period of five months from 23/01/2017 to 22/01/2018.

PriyadarshiniRao, Bengaluru

has adopted Cheetah for a period of one year from 27/05/2016 to 26/05/2017 by making payment of Rs.50,000/-

Prashant S.lyengar, Pune

have renewed the adoption of Two Tigers by paying Rs. 2,00,000/- for a further period of one year form 17/8/2016 to 16/8/2017

Anvase Exim Pvt Ltd, Bengaluru

have renewed the adoption of a Leopard by paying Rs. 35,000/- for a further period of one year from 01/02/2017 to 31/01/2018.

MAC Group CNC India Tools and Service (P) Ltd, Bengaluru

have renewed the adoption of a Tiger by paying Rs. 50,000/- for a further period of Six months form 07/03/2017 to 06/09/2017

Bharatiya Reserve Bank Note Mudran (P) Ltd.,

(Wholly Owned Subsidiary of RBI),
Note Mudran Nagar, Mysuru

have renewed the adoption of animals viz. One Asiatic Lion, One Bengal Tiger & Two Giraffe, by paying Rs.4,00,000/- for a further period of one year from 9/7/2016 to 8/7/2017

Mysuru Race Club Ltd

has adopted an Asiatic Elephant for a period of one year from 05/04/2016 to 04/04/2017 by making payment of Rs.1,75,000/-

Dr.Kumardev A. Rajamanya, Bengaluru

has adopted a Bengal Tiger for a period of one year from 17/8/2016 to 16/8/2017 by making payment of Rs.1,00,000/-

Bank of Maharastra, Mysuru Main Branch

have renewed the adoption of a Leopard by paying Rs. 35,000/- for a further period of one year from 01/02/2017 to 31/01/2018.

Zeus Biotech Pvt. Ltd, Mysuru

have renewed the adoption of a Cheetah by paying Rs. 50,000/- for a further period of one year from 02/03/2017 to 01/03/2018.

UNIQ Detective and Security Services Pvt. Ltd, Bengaluru

have renewed the adoption of a Tiger by paying Rs. 1,00,000/- for a further period of one year from 01/01/2017 to 31/12/2017.

Sri M.R. Ramesh & Group

from Spring Factory, Bengaluru,

have renewed the adoption of animals viz. Emu, Nilgiri Langur, Green Pheasant Peafowl, Black Buck, Lemur, 2 nos. of Marmoset, Crocodile, Peacock by paying Rs.65,000/- for a further period of one from 3/6/2016 to 2/6/2017

Challenging Star Sri.S.Darshan

Kannada Film Star Sri.S.Darshan has adopted an elephant and one Tiger of Mysuru Zoo for one year from 21/6/2016 to 20/6/2017, by making payment of Rs.1,75,000 for Elephant and Rs.1,00,000/- for Tiger.

M/s. K.S.I.C. Ltd., Mysuru,

has renewed the adoption for the 7th timefor a further period of one year from 7/5/2016 to 6/5/2017 by making payment of Rs.2,75,000/-.

SKJ Sports Promotions Pvt Ltd

have renewed the adoption of a Tiger by paying Rs. 1,00,000/- for a further period of one year form 03/10/2016 to 02/10/2017.

Sri Prashanth Marshal, Bengaluru,

has adopted an Elephant for a period of one year from 18/6/2016 to 17/6/2017 by making payment of Rs.1,75,000/-

MAC Group CNC India Tools & Service (P) Ltd, Bengaluru

have renewed the adoption of a Tiger by paying Rs. 50,000/- for a further period of 6 months form 07/9/2016 to 06/3/2017.

Krishnappa C., C.K.Cine Creations, Mysuru

has adopted Jaguar for a period of one year from 22/2/2017 to 21/02/2018 by making payment of Rs.35,000/-

The details of animals adopted for the year from April 2016 to March 2017

No. of Specimen - 364 Specimen

No. of Species - 85 Species

No. of Adopters - 305 Adopters

Amount Received - 36,76,098/-

Karanji Lake Nature Park and Sri Chamundi Rescue, Rehabilitation & Conservation Breeding Centre



Karanji Lake Nature park and Sri Chamundi Rescue, Rehabilitation & Conservation Breeding Centre

Sri Chamarajendra zoological gardens, presently controlled by the zoo authority of Karnataka was established in 1892 by Sri Chamarajendra Wodeyar, Maharaja of Mysuru. Karanji Lake Nature park and Sri Chamundi rescue, rehabilitation and conservation breeding Centre Koorgahally comes under the jurisdiction of Mysuru zoo.

Karanji lake nature park is one of the well-known eco-tourism destination in Mysore being visited by nature lovers from across India and abroad. Being rich in a variety of plant species, attracts students, researchers, nature enthusiasts, environment activists and conservationists alike. Sustaining this park is of great significance for Karnataka Zoo Authority to attract more and more number of visitors who love the bio-diversity.

The Orchids, ferns, hydrophyte gardens, xerophyte and succulent garden, palms, rose garden, a wide variety of Crotons, bamboo garden and ornamental plants has been a pride to this nature park.

During 2016-17, many developmental works were carried out for the improvement of Karanji Lake nature park. To name a few:

1. Raising and introducing Evergreen species like Cinnamon, Artocarpus heterophyllus, Acorus calamus, Dysoxylum malabaricum, Saraca ashoka and Pinus species at Karanji Lake Nature park
2. Maintenance of hedge planting and ornamental plants from Karanji main entrance up to nursery gate
3. Raising of horticultural flowering plants and Crotons for flower show purpose during Dasara festival at Sri Chamarajendra Zoological Gardens and at Karanji main entrance to attract the visitors.
4. Providing M.S. Barricade fencing around Jacobin, Hibiscus and other species park at Karanji Lake Nature Park
5. Desilting work was carried out in the old butterfly park & in lake area.
6. Erection of Eucalyptus Pole Skeleton and covering with Coconut leaf pendal work to provide shelter for visitors near boating point.
7. Successful breeding of Sarus Crane at Karanji Lake.
8. Laying of kerbs along the different gardens.
9. Stabilization of islands were done.
10. Eichornia & other weeds were removed periodically.
11. Installation of RO unit was done.
12. Renovation of Birds Aviary was done.
13. Renovation of Rest room were made.



Karanji kerbs



Karanji island revetment



Removal of Eichornia weeds



RO Plant near Birds aviary



Desilting works



Birds Aviary



Renovation of Toilets



Providing Gates to storm water drain



Granite pergola



Animal care:

A pair of Sarus crane are housed at Karanji Lake & they are successfully bred and hatched two young ones.



Grass fodder plant



This rescue centre is located around 20kms from Sri Chamarajendra Zoological Gardens. The animals here are those which were captured in Man and Animal conflict and injured and disabled ones. The total extension of this rescue centre is about 113 acres. A SSM wall was constructed all around the Rescue centre and a mud ring road has been done. Animal enclosures and day kraal building are constructed and named as Kabini and Kaveri Blocks. Presently, Tigers, leopards and hunting cheetah are in the enclosure for rehabilitation purpose

The developmental works like soil conservation, construction of Contour Bunds, trenches and pits were excavated fruiting and fodder species are planted- like Pterocarpus marsupium, Artocarpus heterophyllus, Syzgium cumini, Bambusoideae, Phyllanthus emblica, Azadirachta indica, etc.

Agricultural plots were made & different fodder species were raised & fed to the herbivores animals of Sri Chamarajendra Zoological Gardens. Elephants, Deer, Guar & Nilgai family enjoys the fodder.

During 2016-17 the following developmental works were carried out for improvement of Sri Chamundi Wild animal rescue centre

1. Strengthening of Tank bund road
2. Deepening of existing pond, east of Pergola
3. Strengthening of existing tank (east corner) and extension of tank bund and encatchment area
4. Construction of check dam to natural terrain for conservation of soil and moisture behind the Kaveri Tiger Block day Kraal.
5. Formation of new islands (two numbers in Kurugahally tank for shore area for Birds habitat
6. Excavation of elephant proof trench at the inner periphery of elephant area
7. Maintenance of first and second years trench mound and pit plantation and raising of trench mound plantation (127 trenches).
8. New Veterinary hospital construction was started.
9. Elephant keepers shed was constructed.
10. Additional Day kraal was constructed for rescued animal.
11. Construction of Guar enclosure is under progress.
12. New pool was made for the Goose family.

Recent developmental works



Hospital under construction, Koorgahally



Elephant keepers shed



Compound wall



Koorgahally boundry stone



construction of day kraal



Gaur enclosure under construction



Strom water inlet Koorgahally



Duck house Tank



Observing Elephant

Zoo Education Programme

The zoo education programmes conducted during the year are as follows:

Mysuru zoo, considering the importance of conservation education always give priority in organizing the Education programmes regularly throughout the year.

Of late, the number of programmes being carried out involving students / volunteers / NGO's / resource persons

and staff members are quite encouraging, for the success of this programme. There is a tremendous response and support from the parents/teachers and press media for this programme.

Sl. no.	Activity	Date	Number of participants
1.	Summer Camp – 2 Batches	20-04-2016 to 26-04-2016 & 4-05-16 to 10-5-2016	100 members
2.	Youth Club	4-07-2016	60 members
3.	Photography competition	01-10-2016 to 07-10-2016	76 members
4.	Drawing Competition in 5 Categories	20-8-2016	85 members
5.	Essay Writing Competition for High School and College Students	29-11-2016	81 members
6.	Elocution Competition for High Schools and College students	15-11-2016	79 members
7.	Quiz Competition for High School Students	13-12-2016	22 members
8.	In-Reach Programme for High School & College (Total 18 Institutes)	01-04-2016 to 31-03-2017	790 members
9.	Special Group Children Institutes.		
10.	Veterinary Students internship programme.		
11.	ATI Trainees		
12.	Bird Watching Programme	21-01-2017	30 members
13.	Forest Officials –RFO's, DRFO's, Guards, Watchers, IFS Probationary Training - 2 Batches	1-04-2016 to 24-03-2017	253 members
14.	Placement programme for Forestry Colleges, I) Ponnampet College	22-08-2016	27 members
15.	World Environmental Day	5-06-2016	260 members
16.	Conservation Speak By: Dr. Jacob V. Cheeran	3-05-2016	100 members



Summer Camp Inauguration



Learning Foot Print



Talk about Water conservation



Visit to karanji Nature Park



Talk about store food items



Learning about Botanical plants



Visit to Bird sanctuary



Youth club Inauguration



Visit to RMNH Museum



Visit to RMNH Museum



Observation of Elephant feeding



Visit to zoo hospital



Youth club students going for a trip



IFS Probationers



IFS Probationers



School students visited the zoo



Forest Dept. Office Staff Trainees visited Internship Programme for Veterinary Students



Forest Dept. Office Staff Trainees visited Internship Programme for Veterinary Students



RFO Trainees



RFO Trainees



RFO Trainees



RFO Trainees



Forest watcher trainees, Kushalanagar



RFO Trainees, Gujarat



Final Year BSc Forestry college students, Ponnampet



In-reach for High School



In-reach for College



Out-Reach Programme for JSS mutt teachers, Suttur



Litarary Competitions



Drawing competition



Elocution Competitions



Essay Competitions

15 Library Section

Mysuru Zoo Library is on its way to perform its duty as an outstanding information resource center, caring to ever growing and uncompromising information and intellectual requirement of the users like students, faculty of different institute and research group. The library holds the collection of books particularly related to wildlife, environment, animals, fishes, birds, mammals. Act and Rules of wildlife, encyclopedia and general books on wildlife.

The aim of the Library is to develop comprehensive collection and hold the resources in an organized manner to fulfil the needs of the user. It also have different collection of CD's, Video Cassettes. Library receive Journals, newsletters like Saveas, Sanctuary Asia, Sanctuary Asia Cub, Indian Forest, Down to Earth, Animal Welfare Institute (AWI), Annual Report of different Zoo's, Newsletter for Bird Watchers, Hornbill, Mist nest, World Association of Zoo and Aquarium (WAZA) all over India and Foreign Publication, along with National and Local daily Newspaper, Weekly and monthly Magazines, The Week, Outlook and Readers Digest. It also preserved Newspaper clippings of Mysore Zoo. Newspaper Clippings are preserved for reference in future.

Library also encourages the use of library for reference. Individual and organization can use the library regularly by procuring Library Card, for which user are required to pay Rs.50/- (Annually) along with two stamp size photograph to collect the library ticket. This process allows them to use the library for reference only on daily basis.



Functioning of Security wing in Mysuru Zoo

Security wing of Sri Chamarajendra Zoological Gardens, Mysuru is being struggling hard by discharging duties day and night with full discipline to endeavour to protect & safe guard the flora & fauna of Mysuru zoo, as well as karanji lake and koorgahalli Rehabilitation centre from miscreants, smugglers and poachers.

Security division has been divided into groups namely

- Ex-servicemen - security officer
- On contract basis - security staff

Cadre & strength of security wing is as follows:

- Security Officer - 01
- Security Supervisor - 05
- Security Staff - 12
- Security Gunmen on contract basis- 03
- Female Security Staff - 10
- Male Security Staff - 37

Proper security arrangements have been made. They will carry out the security jobs as per the instructions of ED / DD and their immediate official supervisor as and when the instructions received besides their routine job, senior, experienced and able security men will be deputed to sensitive places who will take care of avoiding unwanted disturbances by the visitors and protection of zoo properties.

Since the Sri Chamarajendra Zoological Gardens, Mysuru is recognized as one of the most familiar zoo garden in Asia. Large number of visitors visiting the zoo regularly. In this situation security division has taken responsibility in helping checking of tickets from the visitors to enter inside zoo enclosure. Besides advising the visitors to follow the zoo rules & regulations has to maintain discipline and not to tease animals, not to carry plastic bags, not to feed food to animals and birds etc.

Smoking & drinking alcohol in zoo premises is prohibited. If any persons found doing such activities security staff has been watching & avoid all illegal activities.





security staff also do night patrolling & watch the movements of animals with the help of torch light. If any abnormal behavior of animals is found immediate steps will be taken to give emergency treatment.

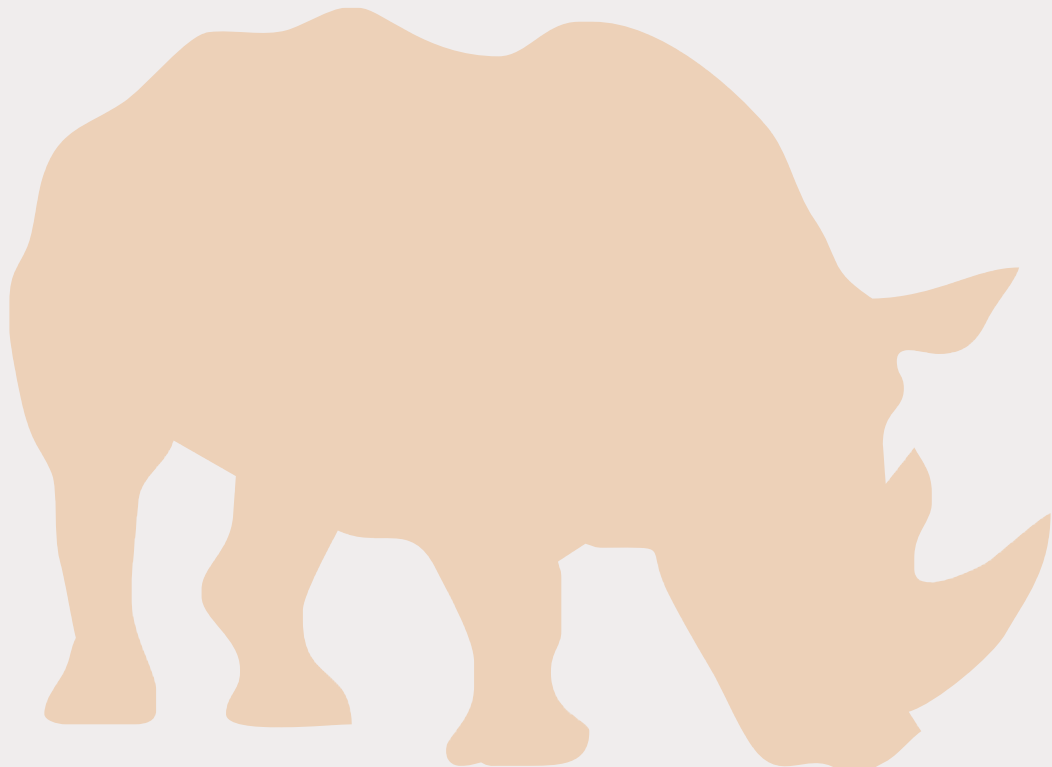
During summer vacation and Mysuru Dasara large number of visitors visiting zoo, security division will take full responsibility to bring control of the crowd for smooth functioning. Along with visitors some pick pocketers, robbers will enter to grab the chains, purse etc from the true visitors security staff is being watching to avoid this kind of unwanted incidents and catch hold of the miscreants if found and handed over to police station and recover the valuables and hand over to the same to true owners, in case of any valuables found in the premises arrangements will be made to hand over to concerned person after confirming the true owners.

Gate pass will be issued to concerned persons to transport the things from inside zoo premises check out will be done and necessary entries will be made in the register maintained.

Every day evening at 5.30 pm at the time of staff going out from the zoo premises security staff will check the lunch bags to ensure that not to carry any property of the zoo. During once in a month security staff will be assemble make parade and discuss the grievances and find solutions to solve the problems. Once in a year firefighting training will be arranged for security staff, demo will be arranged with co-operation of fire fighting force. During 2016-17 in the form of fine Rs 14050 has been collected by the miscreants like stone throwing, crossing barricade, smoking, alcoholic, selfi photo, making noise etc.

Security division has taken care to use of battery operated vehicle for the benefit of visitors. If any VIP has visit the zoo security division will receive information about the programme to take care of receiving the guest and make necessary arrangements to smooth going until the departure of the guest. Full co-operation will be given by the officers and staff to bring the fame and name to Sri Chamarajendra Zoological Gardens, Mysuru.

Expenditure	Rs. in lakhs	Income	Rs. in lakhs
Administrative Expenses(Establishment charges/office expenses/ Advertisement charges/ STPs/General Charges, SWF/zoo education, etc)	891.86	Gate Revenue-zoo	1,496.13
Animal Food and fodder	460.70	Vehicle Parking-Zoo	52.12
Veterinary Care (Medicines, Lab expenses, animal exchange, etc)	29.47	Karanji lake	93.08
Maintenance Expenses (Civil works, garden, office equipments, vehicles, etc/ Research & Documentation/ Enrichment works)	411.40	Sale Proceeds	17.37
Developmental Works (Capital expenditure for Works/ Garden Dev./other assets)	144.14	License Fees	98.68
Excess of income over expenditure	9.35	Bank Interests and others	189.54
TOTAL	1,946.92	TOTAL	1,946.92



18 Animal inventory for the year 2016-2017

	Stock as on 01-04-2013				During the year 2013-2014												Stock as on 31-03-2014			
	M	F	U	T	Births			Acquisitions			Deaths			Disposals			M	F	U	T
Schedule I & II					M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
Mammals	113	109	12	234	16	11	7	3	5	0	24	6	0	4	1	0	104	118	19	241
Birds	21	30	3	54	0	0	0	0	0	1	3	0	0	0	0	0	18	30	4	52
Reptiles	11	8	13	32	0	0	0	3	2	5	1	0	0	0	0	0	9	9	15	33
Total	145	147	28	320	16	11	7	6	7	3	32	7	0	4	1	0	131	157	38	326
Other Schedule Species																				
Mammals	118	130	9	257	7	10	5	0	1	0	2	0	0	5	5	0	118	136	14	268
Birds	86	100	55	241	10	10	28	4	4	0	2	3	0	1	1	0	97	110	83	290
Reptiles	4	3	31	38	0	0	0	0	0	4	0	0	0	0	0	0	4	3	35	42
Total	208	233	95	536	17	20	33	4	5	4	4	3	0	6	6	0	219	249	132	600
Exotic Species																				
Mammals	35	29	0	65	3	1	1	0	0	0	5	2	0	0	0	0	34	28	1	63
Birds	169	152	173	494	3	4	41	0	0	0	3	3	0	9	11	0	160	142	214	516
Reptiles	5	12	0	17	0	0	0	0	0	0	0	1	0	0	0	0	5	11	0	16
Total	210	193	173	576	6	5	42	0	0	0	8	6	0	9	11	0	199	181	215	595
Grand Total																				
Mammals	267	268	21	556	26	22	13	3	6	0	31	8	0	9	6	0	256	282	34	572
Birds	276	282	231	789	13	14	69	4	4	1	8	6	0	10	12	0	275	282	301	858
Reptiles	20	23	44	87	0	0	3	2	6	5	2	0	0	0	0	0	18	23	50	91
Total	563	573	296	1432	39	36	82	10	12	7	44	16	0	19	18	0	549	587	385	1521

Annual Animal Inventory Report for the year 2016-2017

Total Species as on 1 st April 2013		Mammals	Birds	Reptiles	Total
	Schedule I and II Species	27	9	11	47
	Other Schedule Species	9	28	8	45
	Exotic Species	20	50	5	75
	Total	56	87	24	167

Total Species as on 31 st April 2014		Mammals	Birds	Reptiles	Total
	Schedule I and II Species	26	9	12	47
	Other Schedule Species	9	29	8	46
	Exotic Species	21	47	5	73
	Total	56	85	25	166



<http://www.mysorezoo.info>

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