

# ANNUAL REPORT 2020-21



**PUNE MUNICIPAL CORPORATION**  
**Rajiv Gandhi Zoological Park  
& Wildlife Research Centre**

Pune- Satara Road, Opp. Katraj Dairy, Katraj, Pune- 411046

Ph: 020-24367712, E-mail: [rajivgandhizoo@punecorporation.org](mailto:rajivgandhizoo@punecorporation.org)

Website: [www.punezoo.in](http://www.punezoo.in)

## ZOO TIMINGS AND TARIFFS

### A) BOOKING OFFICE TIMINGS

- From 1<sup>ST</sup> APRIL to 15<sup>TH</sup> JUNE – 9.30 am to 5.30 pm  
(Zoo gates close at 6.30 pm)
- From 16<sup>TH</sup> JUNE to 31<sup>ST</sup> MARCH – 9.30 am to 5.00 pm  
(Zoo gates close at 6.00 pm)

### B) ENTRY FEE (w.e.f. 1.1.2018)

SR. NO.	DETAILS	TICKET RATE (RS.)
1	ADULT (ABOVE 4 FEET 4 INCHES)	RS. 40/-
2	CHILD (BELOW 4 FEET 4 INCHES)	RS. 10/-
3	FOREIGNERS	RS. 100/-
4	BLIND & HANDICAPPED PERSONS	FREE
5	STUDENTS (SCHOOL TRIPS- ACCOMPANIED BY TEACHERS)	
	• STUDENTS OF PRIVATE SCHOOLS	RS.10/- PER STUDENT
	• STUDENTS OF PMC, ZP GOVERNMENT SCHOOLS	RS.5/- PERSTUDENT
6	STILL CAMERA	RS. 50/-
7	VIDEO CAMERA	RS. 200/-
8	GUIDE (IF AVAILABLE- PER GROUP)	RS. 50/-
<b>BATTERY OPERATED VEHICLE RATES</b>		
9	ADULT (ABOVE 4 FEET 4 INCHES)	RS. 40/-
10	CHILD (BELOW 4 FEET 4 INCHES)	RS. 25/-



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## Message from Municipal Commissioner

I am presenting the first annual report of Rajiv Gandhi Zoological Park and Wildlife Research Centre since I took over as a Commissioner of Pune Municipal Corporation from July 2020. It had been very tough to begin with the chief of civic body at a time when city was badly reeling under the devastating impact of covid 19 pandemic. The first wave of corona virus infection struck the city in the second quarter which left the complete reworking of planned budgetary expenses for the year. The projected work for the year within the city jurisdiction were put on hold owing to the nature of pandemic and uncertainty looming around. The significant curtailment in the budgetary allocation for each projected activity within every section administered by the Municipal Corporation had to be mandatorily forced in to divert the funds to meet expenses on covid management. The Municipal Corporation incurred huge expenses to establish quarantine facility, Covid hospitals and allied medical services to effectively deal with the pandemic.



Due to restructuring of financial provisions for the year, zoo also suffered significant cut into its annual budget especially for the infrastructure development. The projects lined up in the phase I and II of the zoo Master Plan were halted and postponed for the year. Despite all adversities we had been with few achievements too for the ongoing infra projects of the zoo. Beginning of first Ex situ conservation breeding program in the country for the Indian giant squirrel added another feather in the cap of entity. Additionally within the given budgetary allocation development of new exhibits for lesser cats and Indian giant squirrel taken up for completion. Although the projects couldn't reach to the completion stage, the major quantum of work did finish till the year end. Next year the zoo visitors could see three new species in the zoo for the first time.

Notwithstanding the corona virus pandemic, for the first time in the zoo history huge financial provision for the year 2021-22 made out for the development projects earmarked within the Master Plan of zoo. The budgetary allocation of Rs 20 cr aims to complete enclosures for Asiatic lion, Striped hyena, Four horned antelope and Zebra along with erecting the infrastructure to strengthen the zoo security. It would be historic milestone for the Pune Municipal Corporation to have first exotic species the 'Zebra' for public display by next year. The directives have accordingly issued to complete the enclosure work till the 2021-22 year end.

The visitor circulation at the zoo entrance remained matter of concern owing to large public foot fall and inadequate infrastructure. The new entrance is being planned which would be with all visitor friendly features to have smooth people movement around. The design of the structure has been worked out which would be completed by the National Highways Authority. Also there needs a hassle free online booking service with smart application which is expected to be soon made operational before the zoo opens up to the visitors. We envisions to shape the Rajiv Gandhi Zoological park on par with world-class zoos across the globe. If the pandemic remains under control all we can wish for the reopening of zoo with new dimensions.

With warm regards !

( Vikram Kumar )  
Commissioner  
Pune Municipal Corporation

## Message from Chief Garden Superintendent

The financial year 2020 – 2021 had been very tough not only for the Rajiv Gandhi Zoological Park but entire Pune Municipal Corporation suffered from the massive impact of Covid 19 pandemic. Since the emergence of novel pandemic in the city in March 2020 Pune Municipal Corporation had to take up requisite measures to control and contain the disease. The entire functionary of the civic body concentrated on preparedness to establish quarantine units, diagnostic tests centers and treatment facilities with maximum capacity within its jurisdiction. This has left worst impact on planned infrastructure project within the organization including the zoo. Since the zoo remained shut for the visitors during the complete financial year it incurred huge economic losses to the tune of over 5 crores.



On the directives of state government Pune Municipal Corporation brought in restrictions on annual spending especially on the infra projects planned for the financial year. Hence financial provision made for the development projects identified under the Zoo Master Plan had to be substantially curtailed. Although in the beginning the zoo advisory committee had been pro for the completion of all annual developmental projects, eventually only selected works could be undertaken. Not with standing the situation we made it sure the operation and maintenance of the zoo remain unaffected. The provision for animal food, healthcare, civil maintenance of animal enclosures and cages and allied miscellaneous services remained uninterruptedly operational.

The reports of disease transmission to captive wild animals across the world had been alarming and a matter of serious concern initially. However we made it sure that the system remains extra vigilant and prepare for any eventuality. The hygiene, sanitary measures and preventive disease management protocol ensured to be of highest standard to prevent the possible transmission of infection to precious captive fauna. Despite all adversities throughout the year we had important achievement for the zoo; the completion of ex situ conservation breeding centre for the Indian giant squirrel. The centre opened up and animals relocated to newer facility with future better prospective for the initiative.

The zoo currently operating with the short of man power, albeit doing best for providing standards of excellence for the upkeep, healthcare and housing of captive wildlife. The vacant positions of Deputy Director and Veterinary Officers have created a vacuum in the health care department and it's a matter of major concern for the civic body. The issue is pending with the Maharashtra State Government for approval. Also the inadequate numbers of animal keepers poses another challenge for the smooth day to day management of zoo. All those areas of concerns are on card for the swift addressal from competent authorities.

Hope for the devastating pandemic to come to an end and derailed economy and disturbed normal life back to normalcy.

Best wishes.

(Ashok Ghorpade)  
Chief Garden Superintendent

## Report of the Officer-in-Charge

Dear Readers,

The year 2020-2021 could be one of the most unfortunate year for the Rajiv Gandhi Zoological Park in its history. Since the emergence of covid 19 pandemic and subsequent lockdown measures put in place, zoo remained closed for the visitors during the complete financial year. The closure of zoo for the year incurred the revenue loss to organization to the tune of Rs. 55 millions. Also it left the visitors, wildlife enthusiast and students in despair as everyone kept deprived of watching the captive wildlife they wanted to. Even newly procured Asiatic lion added last year in the collection could not be seen, in fact the day it was released for public display the lockdown measures came into force.



As the pandemic situation in Pune turned terribly grim, Pune Municipal Corporation swung into action all its functionaries to effectively deal with the mayhem caused by the disease. The civic body had to mandatorily make financial provision for the covid related expenditures on health services; eventually budgetary provision made for the infrastructure development needed significant curtailment. The City corporation administered every department had significant cut into its capital budget allocated for the financial year. The Rajiv Gandhi Zoological Park also seen marked cut down of the budgetary allocation meant for the infrastructure project identified under the phase I and II of the approved Master Plan. Therefore most of the enclosure construction works projected for the year could not be undertaken owing to paucity of funds. Nevertheless ongoing development work of lesser cats and Indian giant squirrel continued and almost completed; only the required finishing touch for the release of animal would be focused in the first quarter of the coming financial year. The animal can probably be shifted in the month of July and facility could be inaugurated in the month of August.

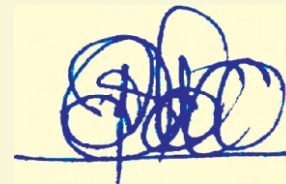
Its a dream come true for the zoo as ex-situ breeding facility recently established for the Indian giant squirrel finally opened up for the species and animals released to the new site, smoothly shifting from rescue centre. It was great pleasure for the zoo staffers to see the occasion animals being released. The ex-situ breeding house is the first of its kind in the country wherein conducive environment is being established to promote breeding perspective of Giant squirrel with due consideration to animals physical and behavioural needs. I hope the Giant squirrel breeding programme at Rajiv Gandhi Zoological Park would set a bench mark for the captive management of species on scientific lines. However the zoo presently struggling to get enough founders mandatorily required for

sustainable breeding programme. Therefore its utmost important, the Central Zoo Authority pitch in and support the programme issuing timely clearances for the pending animal acquisition proposals

The year also observed unfortunate demise of very important specimens of zoo the staff had fervent attachment with. The wild caught male Royal bengal tiger fondly named as Bagiram died of its long standing osteosarcoma coupled with hemangiosarcoma. The animal was under treatment for long however eventually breathed its last having worsened the cancer complications. The zoo born male Gaur also had saddening death attributed to mandibular squamous cell carcinoma. The single sex animal for few species is also a concern the zoo is looking at for its pairing. The requisite animal exchange proposals with different zoos awaiting nod from regulatory authority.

Puneites desperately waits for complete unlocking and zoo to open for public finally. However the covid 19 situation in Pune continue to remain grim despite the best efforts from government functionaries. However newly launched vaccination programme taking desired momentum offers a glimmer of hopes for restoring normalcy.

With best regards!



Dr. Rajkumar Jadhav  
Director  
Rajiv Gandhi Zoological Park &  
Wildlife Research center



## History of the Zoo

Pune Municipal Corporation established Peshwe Park Zoo at the foot hills of Parwati in 1953 where the Pashwa's had their private Menagerie. The zoo had been established on a limited land of around 7 acres where the animals used to be housed and displayed to the visitors in a concrete cages behind the iron bars. This zoo was representing the typical traditional zoos of the time wherein only the objective of recreation for the visitors had been focused.

With the formation of Central Zoo Authority in 1992 the scenario of the Indian zoos got totally changed. The zoos had to transform from the meagre menagerie to the scientific wildlife conservation centre. With a view to develop a zoo which would fulfil the objectives of naturalistic animal housing, conservation breeding, wildlife conservation education and research a new site at Katraj having a land area of 130 acre was selected and development work initiated in 1996. The new zoo inaugurated on 14<sup>th</sup> March 1999 and renamed as Rajiv Gandhi Zoological Park and Wildlife Research centre.

Initially the infrastructure development in the form of naturalistic enclosures for the ungulates, primates, Sloth bear, Royal bengal tiger, Asian elephant etc. was established. The old reptile park established in 1986 had merged in the zoo. At present the zoo is a home to around 63 species of wild fauna including mammals, birds and reptiles which represents the Western Ghat and Deccan plateau. The animals are being displayed in



spacious naturalistic enclosures in a thematic manner. Enclosure exhibits are developed simulating the animals naturalistic habitat where environment enrichment is focused

considering animals behavioral need. Animal upkeep and health care has been taken care of establishing veterinary hospital equipped with advanced diagnostic tools and treatment facilities.

## **Our Vision**

The Rajiv Gandhi zoo will use this unique facility to build conservation consciousness among the citizens of Pune that will assist in creating a pro environment lobby force for protecting biodiversity of our unique state with its diverse ecosystems that include the bio-rich Western Ghats, the semiarid grasslands of the Deccan, and the aquatic ecosystems, along with the region's diverse range of plant and animal species

## **Our Mission**

A living centre committed to wildlife conservation through ex situ breeding, research and education.

We achieve this by-

- Promoting the ex situ breeding of threatened wildlife species in captivity
- Conducting research pertaining to animal husbandry, health, behavior and enrichment
- Inculcating the sense of responsibility towards the society through the need based educational programmes focusing importance of wildlife.

## **Our Objectives**

- I) Display of wild fauna of western Ghat in naturalistic enclosures.
- II) Conservation breeding of selected endangered wildlife species
- III) Awareness towards wildlife conservation through educational activities
- IV) Research pertaining to wildlife behaviour and health aspects.
- V) Rescue & Rehabilitation of injured, sick and abandoned wild animals.

## About us

Sr. No.	Particulars	Information
<b>Basic Information about the Zoo</b>		
1	Name of the Zoo	<b>Rajiv Gandhi Zoological Park &amp; Wildlife Research Centre</b>
2	Year of Establishment	<b>1999</b>
3	Address of the Zoo	<b>Pune- Satara Road, Infront of Katraj Dairy. Pune- 411046</b>
4	State	<b>Maharashtra</b>
5	Telephone Number	<b>020-24367712</b>
6	Fax Number	<b>020-24367712</b>
7	E-mail address	<b>rajivgandhizoo@punecorporation.org</b>
8	Website	<a href="http://www.punezoo.gov.in">www.punezoo.gov.in</a>
9	Distance from nearest	Airport: 19 Km Railway Station: 11.5 Km Bus Stand: 5.4 Km
10	Recognition Valid upto (Date)	<b>19<sup>th</sup> August 2022</b>
11	Category of zoo	<b>Medium</b>
12	Area (in Hectares)	<b>51.83 Hectares</b>



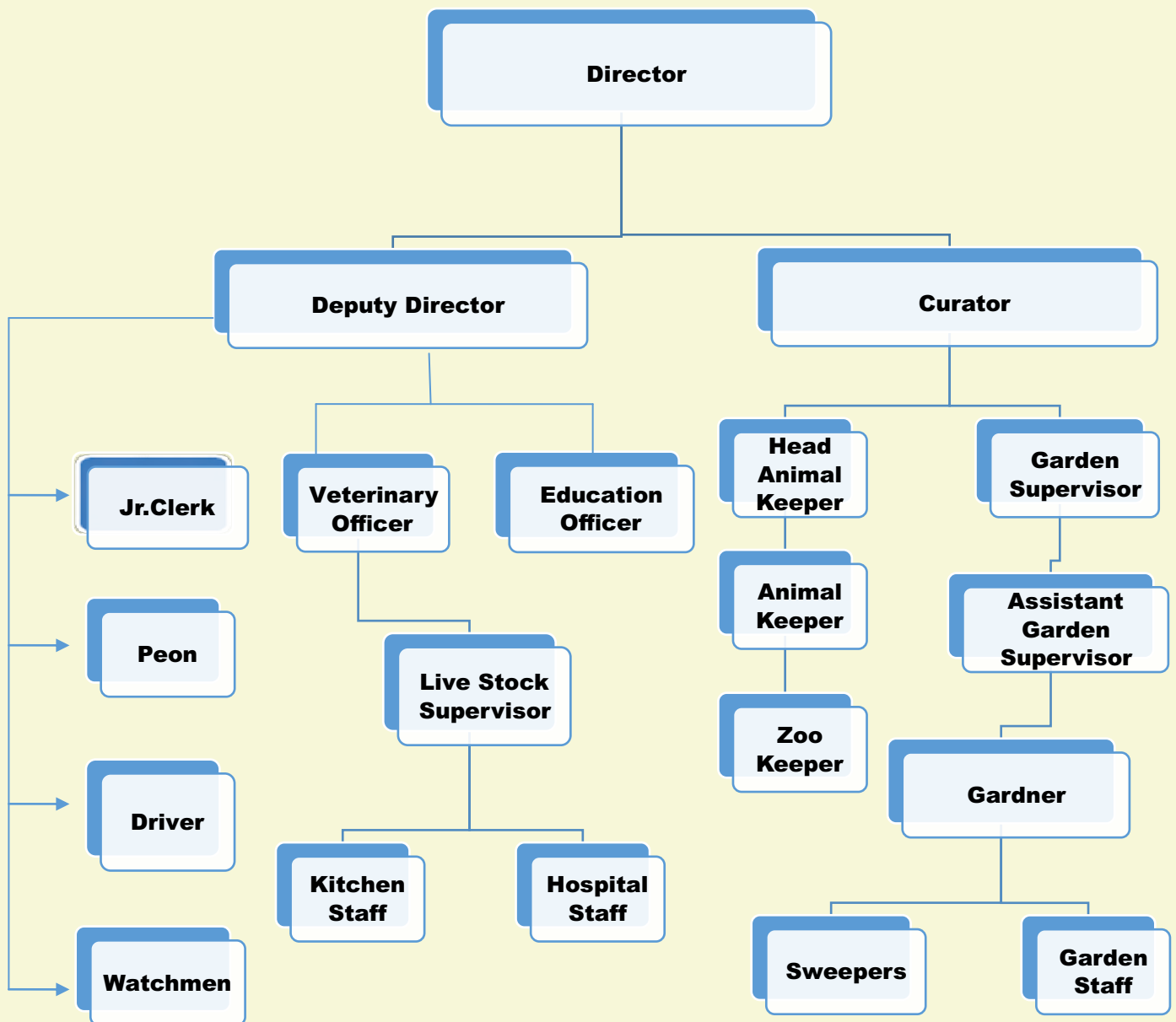
13	Number of Visitors (Financial Year)	00
		Children :00
		Students: 00
		Handicapped : 00
		Total Indian :00
		Total Foreigners :00
		Total Visitors:00
14	Visitors' Facilities Available in Zoo	<b>1) Drinking water points</b> <b>2) Toilets and Sit outs</b> <b>3) Battery operated vehicles</b> <b>4) Wheel chairs for handicapped</b> <b>5) Public address system at entrance</b> <b>6) Information signages</b>
15	Weekly Closure Day of the Zoo	<b>Wednesday</b>
<b>Management Personnel of the zoo</b>		
16	Name with designation of the Officer-in-charge	<b>Dr. Rajkumar Jadhav, Director</b>
	Name of the Veterinary Officer	<b>Dr. Suchitra Suryavanshi Patil</b>
	Name of the Curator	<b>Vacant</b>
	Name of the Biologist	<b>Vacant (post not sanctioned)</b>
	Name of the Education Officer	<b>Smt. Ashwini Yadav /Sh. Kaushik Kashikar</b>
	Name of the Compounder/ Lab Assistant	<b>Sh. Manoj Jadhav / Sh. Govind Vade</b>

Owner / Operator of the Zoo		
17	*Name of the Operator	<b>Sh. Vikram Kumar Municipal Commissioner, Pune Municipal Corporation</b>
18	Address of the Operator	<b>PMC Central Building, Near Mangala Theatre, Shivajinagar, Pune- 411005.</b>
19	Contact details/Phone number of Operator	<b>Phone- 020-25501103 Fax- 020-25501119</b>
20	E-mail address of Operator	<a href="mailto:pncmco@punecorporation.org">pncmco@punecorporation.org</a>



## Organizational Chart

Proposed Organogram of the Rajiv Gandhi Zoological Park & Wildlife Research Centre, Pune



## Human Resources

### Manpower of the Zoo\*

Sr. No.	Designation	Number of Sanctioned Posts	Names of the incumbent
1	Director Zoo	1	Dr Rajkumar Jadhav
2	Deputy Director	1	Vacant
3	Veterinary Officer	2	Dr.Suchitra Suryavanshi Patil
4	Curator	2	Vacant
5	Sectional Engineer	1	Shri. Dipak B. Sapkal
6	Educational Officer	1	Smt. Ashwini Yadav
7	Live Stock Supervisor	2	1.Sh. Manoj Jadhav 2.Sh. Govind Vade
8	Assistant Live Stock Supervisor	2	Vacant
9	Head Animal Keeper	2	1. Sh. Kaushik Kashikar 2. Sh. Shamrao Khude
10	Animal Keeper	2	Vacant
11	Deputy Superintendent	1	Vacant
12	Senior Clerk	1	Sh.Sunil Bhate
13	Junior Clerk	3	1 Sh.Rushikesh Dhonge 2 Smt. Sapna Dasre
14	Peon	3	1. Sh. Deepak Raurkar 2. Smt. Shamla Vaidya
15	Painter decorator	3	Vacant
16	Mahout	1	Tajjudin Mahat
17	Assistant Mahout	1	Vacant
18	Driver	1	1. Sh. Aba Khade 2. Sh. Madhukar Jaikar
19	Bigari	42	1. Sh. Swapnil Sasar 2. Sh. Durvesh Naik 3. Sh. Dyaneshwar Katurde

20	Zoo Bigari/ Animal Keeper	25	01. Sh. Anil Raundale 02. Sh. Rajaram Waghchaure 03. Sh. Datta Chandane 04. Sh. Tuljaram More 05. Sh. Ganesh Tole 06. Sh. Vishal Admane 07. Sh. Ashok Waghmare 09. Sh. Sandeep Raikar 08. Sh. Maruti Salunke 10. Sh. Navnath Memane 11. Sh. Santosh Kasbe 12. Sh. Devendra Bagave 13. Sh. Kiran Bhise 14. Sh. Siddharth Nanaware 15. Sh. Sham Karade 16. Sh. Ramchandra Gite 17. Sh. Mahesh Kalekar 18. Sh. Swapnil Bhokre 19. Sh. Dattatray Chavan
21	Security Guard	24	1. Sh. Satish Hulge 2. Sh. Ravindra Budharap 3. Sh. Ashok Dimbale 4. Sh. Anil Wanve 5. Sh. Popat Pokale 6. Sh. Dinesh Mane 7. Sh. Sonba Benkar
22	Mali/ Gardener	1	Sh. Ganesh Shinde
23	Bigari	4	1. Smt. Shobha Jadhav 2. Smt. Shalini Shendge 3. Sh. Tanaji Pagade 4. Sh. Raju Shelar 5. Smt. Durga Jagtap

\*Please give above mentioned information in respect of all zoo personnel, from the Officer in-charge up to the Animal Keeper.



## Capacity Building of zoo personnel

Sl.No	Name and designation of the zoo personnel	Subject matter of training	Period of training	Name of the Institution where the training attended
1	<b>Dr.Suchitra B.Suryavanshipatil</b> <b>Veterinary Officer</b>	An online refresher training on wildlife health management for veterinary professionals	23.02.2021 - 25.02.2021	Virtual Mode Hosted by Central Zoo Authority, New Delhi
2	<b>Sh.Sandip S.Raikar</b> Zoo Bigari	"National Zoo Keepers Training on Captive Management of Reptiles"	15.03.2021- 17.03.2021	Virtual Mode Hosted by Indira Gandhi Zoological Park, Visakhapatnam



## Zoo Advisory Committee

**a. Date of constitution- 11.11.2004**

**b. Members**

- Municipal Commissioner, PMC, President
- Additional Municipal Commissioner, PMC, Member
- Chief Garden Superintendent, PMC, Member Secretary
- Director Zoo, PMC, Member
- Conservator of Forest, Pune Forest Division, Member
- Dr. Erach Bharucha, Director, Bharati Vidyapeeth Institute of Environment Education & Research, Pune, Member
- Dr. V. B. Savarkar, Former Director, WII, Member
- Sh. Neelinkumar Khaire, Director, IHS, Member
- Dr. Vinay Gore, Former Dy. Garden Superintendent, PMC, Member
- Dr. Bharat Bhushan, Director, Environment Dept. YASHADA, Member
- Smt. Vidya Aatre, Naturalist, Member

**c. Dates on which Meetings held during the year :-** The last meeting of the Zoo advisory member was held on 08/07/2020

## Health Advisory Committee

**a. Date of constitution :13.01.2014**

**b. Members**

1. Chief Garden Superintendent, Pune Municipal Corporation, Pune.
2. Director Zoo, Rajiv Gandhi Zoological Park and Wildlife Research Centre, Katraj, Pune.
3. Professor, Department of Veterinary Medicine, KNP College of Veterinary Science, Shirwal, Satara.
4. Professor, Department of Animal Nutrition, KNP College of Veterinary Science, Shirwal, Satara.
5. Professor, Department of Veterinary Pathology, KNP College of Veterinary Science, Shirwal, Satara.

6. Professor, Department of Veterinary Surgery, KNP College of Veterinary Science, Shirwal, Satara.
7. Head or his representative, Disease Investigation Section, Aund, Pune.
8. Dr. Firoz Khambata, Veterinary Surgeon, Race course, Pune and Mumbai.
9. Deputy Director, Rajiv Gandhi Zoological Park and Wildlife Research Centre, Katraj, Pune.
10. Veterinary Officer, Rajiv Gandhi Zoological Park and Wildlife Research Centre, Katraj, Pune.

**c. Dates on which Meetings held during the year-** As such formal meetings with the members were not held. However the members from their area of expertise are frequently invited for the field visit of zoo and consulted over various health issues of captive zoo animals. Rajiv Gandhi Zoological Park maintains good rapport with the experts from KNP college of Veterinary Science, Shirwal.



## Statement of income and expenditure of the Zoo

### A) Revenue collection data (2020-21)

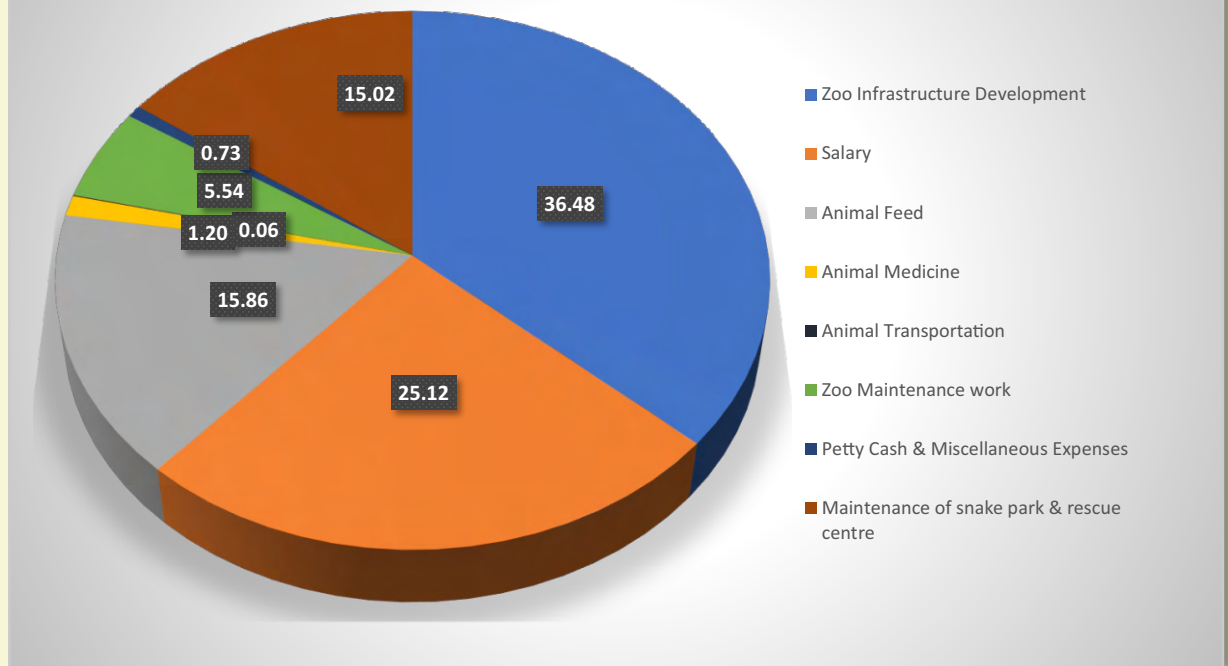
- Due to covid 19 pandemic zoo remain closed for the visitor throughout the financial year. Hence no income generated from any source.

### B) Expenditure Data

#### Annual expenditure in the year 2020-21

Sr. No.	Particulars	Expenditure(Rs.)
1	Zoo Infrastructure Development	21,13,3693.00
2	Salary	14,55,0893.13
3	Animal Feed	91,84,539.94
4	Animal Medicine	6,95,158.22
5	Animal Transportation	32,445.00
6	Zoo Maintenance work	32,10,000.00
7	Petty Cash & Miscellaneous Expenses	4,20,824.87
8	Maintenance of snake park & rescue centre	86,99,229.30
	<b>Total Expenditure</b>	<b>57,926,783.46</b>

### Annual Expenditure in 2020-21



		Gram	100 gm		
		Salt	30 gm		
		Mineral Mixture	80 gm		
5	Black Buck (31)	Lucern Grass	50 Kg		
		Spinach	04 Kg		
		Beat root	15 Kg		
		Carrot	65 Kg		
		Onion	120 gm		
		Wheat Bran	03 Kg		
		Moth bean	1.4 Kg		
		Gram	750 gm		
		Salt	100 gm		
		Dry Grass	05 Kg		
		Mineral Mixture	480 gm		
6	Nilgai (10)	Lucern Grass	65 Kg		
		Spinach	04 Kg		
		Beat root	28 Kg		
		Carrot	70 Kg		
		Banana	01 Kg		
		Onion	80 gm		
		Wheat Bran	5.5 kg		
		Moth bean	200 gm		
		Gram	555 gm		
		Salt	20 gm		
		Dry Grass	07 kg		
		Hay/Kadabi	05 Kg		
		Mineral Mixture	600 gm		
7	Four Horned Antelope (4)	Lucern Grass	05 Kg		
		Spinach	500 gm		
		Beat root	04 Kg		
		Carrot	03 Kg		
		Onion	30 gm		
		Wheat Bran	02 Kg		
		Moth bean	500 gm		
		Gram	300 gm		
		Salt	50 gm		
		Dry Grass	01 Kg		
		Mineral Mixture	200 gm		
8	Indian Gaur (1)	Lucern Grass	25 Kg		
		Spinach	1.5 Kg		
		Beat root	10 Kg		
		Carrot	30 Kg		
		Wheat Bran	04 Kg		
		Moth bean	400 gm		

## Daily feed Schedule of animals

Sl. No.	Species	Feed item	Quantity		Day of fasting
			Winter	Summer	
<b>MAMMAL</b>					
1	Spotted Dear (89)	Lucern Grass	180 Kg		
		Spinach	5 Kg		
		Beat root	45 Kg		
		Carrot	200 Kg		
		Banana	01 Kg		
		Onion	100 gm		
		Wheat Bran	9 Kg		
		Moth bean	0.90 gm		
		Gram	1.8 Kg		
		Salt	100 gm		
		Dry Grass	10 Kg		
		Mineral Mixture	400 gm		
		2	Sambar Dear (27)	Lucern Grass	145 Kg
Spinach	03 Kg				
Beat root	50 Kg				
Carrot	135 Kg				
Onion	150 gm				
Wheat Bran	7.5 Kg				
Moth bean	2.55 Kg				
Gram	1.12 Kg				
Salt	100 gm				
Dry Grass	9 Kg				
Kadabi	05 Kg				
Mineral Mixture	720gm				
3	Barking Dear (18)			Lucern Grass	25 Kg
		Spinach	2 Kg		
		Beat root	7.5 Kg		
		Carrot	14 Kg		
		Wheat Bran	500 gm		
		Moth bean	100 gm		
		Gram	100 gm		
		Salt	50 gm		
		Mineral Mixture	20 gm		
		4.	Indian Gazelle (03)	Lucern Grass	5 Kg
Spinach	500 gm				
Beat root	1.5 Kg				
Carrot	03 Kg				
Onion	20 gm				
Wheat Bran	500 gm				
Moth bean	100 gm				

		Gram	500 gm		
		Salt	50 gm		
		Dry Grass	10 Kg		
		Mineral Mixture	500 gm		
9	Indian Elephant (2)	Lucern Grass	100 Kg		
		Spinach	4 Kg		
		Beat root	40 Kg		
		Carrot	40 Kg		
		Banana	7 Kg		
		Sugar Cane	45 Kg		
		Moth bean	500 gm		
		Seasonal Fruit	Water Melon	02 kg	
		Seasonal Fruit	Musk Melon	02 kg	
		Gram	500 gm		
		Jaggary	800 gm		
		Mustard oil (Sunday)	1 Kg		
		Ground Nut (Sunday)	2 Kg		
		Dry Grass	10 Kg		
		Kadabi	35 Kg		
		Bread	2 Kg		
10	Sloth Bear (2)	Papaya	500 gm		
		Ground nut pods	500 gm		
		Musk melon	1.400 Kg		
		Banana	02 kg		
		Sugar Cain	02 Kg		
		Chikoo	300 gm		
		Sweet Lemon	900 gm		
		Seasonal Fruit	300 gm	2kg	
		Seasonal Fruit	300 gm	1 kg	
		Pine Apple	300 gm		
		Gram	600 gm		
		Honey	300 gm		
		Jaggary	200 gm		
		Milk	4 Lit		
		Rice	2 Kg		
		Eggs	4 No.		
11	Rhesus Macaque (10)	Papaya	500 gm		
		Ground nut pods	400 gm		
		Musk melon	500 Kg		
		Banana	1.400 Kg		
		Sugar Cain	1.500 Kg		
		Chikoo	200 gm		
		Sweet Lemon	500 gm		
		Seasonal Fruit	200 gm	300 gm	

		Seasonal Fruit	200 gm		
		Pine Apple	200 gm		
		Cucumber	200 gm		
		Tomato	200 gm		
		Gram	530 gm		
		Roasted Gram	150 gm		
		Eggs	02 No.		
12.	Bonnet Monkey (8)	Papaya	500 gm		
		Ground nut pods	400 gm		
		Musk melon	500 gm		
		Banana	1.400 kg		
		Sugar Cain	1.500 kg		
		Chikoo	200 gm		
		Sweet Lemon	500 gm		
		Seasonal Fruit	200 gm	300 gm	
		Seasonal Fruit	200 gm		
		Pine Apple	200 gm		
		Cucumber	200 gm		
		Tomato	200 gm		
		Gram	530 gm		
		Roasted Gram	150 gm		
		Eggs	02 No.		
13.	Giant Squirrel (6)	Spinach	50 gm		
		Papaya	100 gm		
		Ground nut pods	100 gm		
		Carrot	100 gm		
		Musk melon	100 gm		
		Banana	100 gm		
		Chikoo	50 gm		
		Sweet Lemon	100 gm		
		Seasonal Fruit	50 gm		
		Seasonal Fruit	50 gm		
		Pine Apple	50 gm		
		Cucumber	50 gm		
		Tomato	50 gm		
		Gram	100 gm		
		Moth Bean	100 gm		
14.	Asiatic Lion (02)	Chicken	4.5 Kg		
		Beef	11 Kg		
		Calcium powder	44 gm		
15.	Royal Bengal Tiger (6)	Chicken	14 Kg		
		Beef	14 Kg		
		Calcium powder	150 gm		

16.	Leopard (03)	Chicken	2 Kg	
		Beef	3 Kg	
		Calcium powder	20 gm	
17.	Indian Wolf (01)	Chicken	500 gm	
		Beef	1 kg	
		Dog Food	150 gm	
		Calcium powder	6 gm	
18.	Jackal (02)	Chicken	500 gm	
		Beef	500 gm	
		Dog Food	200 gm	
		Sugar Cane	4gm	
		Calcium powder	500 gm	
19	Jungle Cat (11) Leopard Cat (02)	Chicken	2.4 kg	
		Beef	2.4 kg	
		Calcium powder	35 gm	
<b>REPTILE</b>				
20	Crocodile Marsh (1)	Chicken	12 Kg	Weekly
21.	Gharial (2)	Fish	4 Kg	Weekly
22.	Python Indian Rock (4)	Gunea Pig	25 No.	Weekly
23.	Turtle Indian Flap Shelled (3)	Fish/Chicken Kheema	3 No./ 300 gm	Weekly
24	Indian Roofed Turtle (3)	Fish/Chicken Kheema	300 gm	Weekly
25	Cobra Indian (10)	Mice	40 No.	Weekly
26	Cobra King (2)	Rat	8 No.	Weekly
27	Lizard Monitor (3)	Mice	3 No.	Weekly
28	Snake Rat (15)	Mice	75 No.	Weekly
29	Keelback Checkered (27)	Live fish	100 No.	Weekly
30	Viper Russell's (5)	Mice	10 No.	Weekly
31	Python Reticulated (2)	Gunea pig	15 No.	Weekly
32	Keelback Striped (2)	Fish/ Chicken	2 No./ 500 gm	Weekly
33	Boa Common Sand (4)	Mice	8 No.	Weekly
34	Boa Red Sand (4)	Mice	8 No.	Weekly
35	Cat snake Common (2)	Mice	8 No.	Weekly
36	Keelback Green (3)	Mice	3 No.	Weekly
37	Krait Common (3)	Mice	3 No.	Weekly
38	Kukri Banded (2)	Mice	2 No.	Weekly
39	Racer Banded (4)	Mice	4 No.	Weekly
40	Snake Trinket (4)	Mice	4 No.	Weekly
41	Snake Wolf (4)	Mice	4 No.	Weekly
42	Tortoise Indian Starred (13)	Mixed Vegetables	3.75 Kg	Daily
43	Tortoise Elongated (1)	Mixed Vegetables	250 gm	Daily
44	Viper Saw Scaled (4)	Mice	4 No.	Weekly
45	Indian Pond Terrapin (3)	Fish/ Chicken Kheema	300 gm	Twice a week

46	Viper Bamboo Pit (2)	Mice	2 No.		Weekly
47	Terrapin Spotted River (10)	Fish/ Chicken Kheema	1 Kg		Twice a week
48	Iguana (1)	Mixed Vegetables	250 gm		Daily
49	Red Eared Terrapine (14)	Fish/Chicken Kheema	1.4 Kg		Twice a week
<b>BIRD</b>					
50	Peafowl (8)	Spinach	450 gm		
		Papaya	800 gm		
		Carrot	500 gm		
		Musk melon	500 gm		
		Banana	200 gm		
		Chikoo	250 gm		
		Sweet Lemon	500 gm		
		Seasonal Fruit	250 gm		
		Seasonal Fruit	250 gm		
		Pine Apple	250 gm		
		Tomato	50 gm		
		Roasted Gram	200 gm		
		Mixed Grain	250 gm		
		Milk	500 ml		
		Bread	500 gm		
Eggs	01 No.				
51	Long Billed Vulture (02)	Chicken	05 Kg		Thrice a week
52	Eagle Crested Serpent (1)	Mice	15 No.		Thrice a week
53	Eagle Tawny (1)	Mice	15 No.		Thrice a week
54	Great Horned Owl (1)	Mice	15 No.		Thrice a week
55	Barn Owl (2)	Mice	15 No.		Thrice a week
56	Kite Pariah (4)	Chicken	300 gm		Thrice a week
57	Brown Fish Owl (1)	Mice	15 No.		Thrice a week
58	Falcon Laggar (1)	Mice	10 No.		Thrice a week
59	Shikra (2)	Mice	15 No.		Thrice a week
60	African Grey Parrot (1)	Ground nut	100 gm		
		Mixed fruit	100 gm		
		Coriander Leaves	50 gm		
		Sprouts	50 gm		
		Parrot Food	50 gm		
61	Amazon Parrot (1)	Ground nut	100 gm		
		Mixed fruit	100 gm		
		Coriander Leaves	50 gm		
		Sprouts	50 gm		
		Parrot Food	50 gm		



62	Lorikeets Dusky (1)	Mixed fruit	50 gm		
		Coriander Leaves	50 gm		
		Sprouts	50 gm		
		Parrot Food	50 gm		
		Honey	25 gm		



## Vaccination Schedule of animals

Sl.No.	Species	Disease vaccinated for	Name of the Vaccine and dosage/ quantity used	Periodicity	Remarks
1	Lion	Feline Panleucopenia, Feline Calci virus, Feline Rhinotrachitis, Rabies	Inj.Ronvac 1ml/animal Inj.Rabisin 1ml/animal	Annually	
2	Royal Bengal Tiger	Feline Panleucopenia, Feline Calci virus, Feline Rhinotrachitis, Rabies	Inj.Ronvac 1ml/animal Inj.Rabisin 1ml/animal	Annually	
3	Leopard	Feline Panleucopenia, Feline Calci virus, Feline Rhinotrachitis, Rabies	Inj.Ronvac 1ml/animal Inj.Rabisin 1ml/animal	Annually	
4	Jungle Cat	Feline Panleucopenia, Feline Calci virus, Feline Rhinotrachitis, Rabies	Inj.Ronvac 1ml/animal Inj.Rabisin 1ml/animal	Annually	
5	Indian Wolf	Canine Distemper Adeno virus Type 2 Parainfluenza Parvovirus <i>Leptospira canicola</i> <i>L. grippo</i> <i>L. typhosa</i> <i>L.icterohaemorrhagiae</i> <i>L. pamoma</i>	Vanguard Plus 5L4 1 ml/ animal	Annually	
		<i>Rabies</i>	Inj.Rabisin 1ml/animal	Annually	
6	Jackal	Canine Distemper Adeno virus Type 2 Parainfluenza Parvovirus <i>Leptospira canicola</i> <i>L. grippo</i> <i>L. typhosa</i> <i>L.icterohaemorrhagiae</i> <i>L. pamoma</i>	Vanguard Plus 5L4 1 ml/ animal	Annually	
		<i>Rabies</i>	Inj.Rabisin 1ml/animal	Annually	

7	Sloth Bear	Canine Distemper	Vanguard Plus	Annually
		Adeno virus Type 2	5L4	
		Parainfluenza	1 ml/ animal	
		Parvovirus		
		<i>Leptospiracanicola</i>		
		<i>L. grippo</i>		
		<i>L. typhosa</i>		
		<i>L.icterohaemorrhagiae</i>		
		<i>L. pamoma</i>		
		<i>Rabies</i>	Inj.Rabisin 1ml/animal	Annually
8	India Gaur	Foot & Mouth Disease, Haemorrhagic Septicaemia, Black Quarter	Raksha Triovac 2 ml/ animal	Annually
9	Nilgai	Foot & Mouth Disease, Haemorrhagic Septicaemia, Black Quarter	Raksha Triovac 2 ml/ animal	Annually
10	Elephant	Foot & Mouth Disease,	Raksha O vac 2 ml/ animal	Annually
		Tetanus	Tetanus Vaccine 2 ml/ animal	Annually
11	Rhesus Monkey	Tetanus	Tetanus Vaccine 0.5 ml/ animal	Annually
		<i>Rabies</i>	Inj.Rabisin 1ml/animal	Annually
12	Bonnet Monkey	Tetanus	Tetanus Vaccine 0.5 ml/ animal	Annually
		<i>Rabies</i>	Inj.Rabisin 1ml/animal	Annually

## De-worming Schedule of animals

Sl.No.	Species	Drug used	Month
1	Royal Bengal Tiger	Tab Praziplus Tab. Kiwof plus XL Tab.Slayworm Tab.Wormtrap	April August November March
2	Leopard	Tab Praziplus Tab. Kiwof plus XL Tab.Slayworm Tab.Wormtrap	April August November March
3	Asiatic Lion	Tab Praziplus Tab. Kiwof plus XL Tab.Slayworm Tab.Wormtrap	April August November March
4	Indian Wolf	Tab Praziplus Tab. Kiwof plus XL Tab.Slayworm Tab.Wormtrap	May August November March
5	Jungle Cat	Tab.Wormtrap Tab. Kiwof plus XL Tab.Slayworm Tab.Wormtrap	May August November March
6	Leopard Cat	Tab.Drontal plus Tab.Slayworm Tab.Slayworm Tab.Wormtrap	May August November March
7.	Jackal	Tab Praziplus Tab. Kiwof plus XL Tab.Slayworm Tab.Wormtrap	May August November March
8.	Sloth Bear	Tab Praziplus Tab. Kiwof plus XL Tab.Slayworm Tab.Wormtrap	April August November March
9	Elephant	Bol.Shoot out Bol.Shoot out Bol.Hitek Pow.Panacure	April August November March
10	Spotted deer	Bol.Shoot out Liq.Bandikind plus Bol.Hitek Pow.Panacure	April August November March
11	Sambar deer	Bol.Shoot out Liq.Bandikind plus Bol.Hitek Pow.Panacure	April August November March

12	Barking Deer	Bol.Shoot out Liq.Bandikind plus Bol.Hitek Pow.Panacure	April August November March
13	Indian gaur	Bol.Shoot out Liq.Bandikind plus Bol.Hitek Pow.Panacure	April August November March
14	Nilgai	Bol.Shoot out Liq.Bandikind plus Bol.Hitek Pow.Panacure	April August November March
15	Black Buck	Bol.Shoot out Liq.Bandikind plus Bol.Hitek Pow.Panacure	April August November March
16	Chinkara	Bol.Shoot out Liq.Bandikind plus Bol.Hitek Pow.Panacure	April August November March
17.	Four Horned Antelope	Bol.Shoot out Liq.Bandikind plus Bol.Hitek Pow.Panacure	April August November March
18	Rhesus Monkey	Tab.Praziplus Tab.Kiwof plus XL Tab.Slayworm Tab.Wormtrap	April August November March
19.	Bonnet Monkey	Tab.Praziplus Tab.Kiwof plus XL Tab.Slayworm Tab.Wormtrap	April August November March
21.	Peacock	Liq.Lyzine-45 Tab.Drontal plus Pow.Panacure	April August January
22.	Owl	Liq.Lyzine-45 Tab.Drontal plus Tab.Drontal plus	April August January
23.	Gaint Squirrel	Tab.Slayworm Tab.Wormtrap Pow.Panacure	April August January
24.	Vulture	Liq.Lyzine-45 Tab.Drontal plus Tab.Drontal plus	April August January
25.	Pariah Kite	Liq.Lyzine-45 Tab.Drontal plus Pow.Panacure	April August January

26.	Creasted Serpent Eagle	Liq.Lyzine-45 Tab.Drontal plus Tab.Drontal plus	April August January
27.	Tawny Eagle	Pow.Panacure Tab.Drontal plus Pow.Panacure	April August January
28.	Brown Fish Owl	Liq.Lyzine-45 Tab.Drontal plus Pow.Panacure	April August January
29.	Falcon Lagger	Liq.Lyzine-45 Tab.Drontal plus Pow.Panacure	April August January
30.	Sikra	Liq.Lyzine-45 Tab.Drontal plus Pow.Panacure	April August January
31.	African Grey Parrot	Liq.Lyzine-45 Tab.Drontal plus Pow.Panacure	April August January
32.	Amazon Parrot	Liq.Lyzine-45 Tab.Drontal plus Pow.Panacure	April August January
33.	Lorikit	Liq.Lyzine-45 Tab.Drontal plus Pow.Panacure	April August January

## Disinfection Schedule

Sl.No.	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
1	Royal Bengal Tiger	Nighthouse / Feeding	Liq..BioKleen	Daily
		Cubical	Bleaching powder	Fortnightly
		Water body	Pot. Permanganate	Weekly
2	Leopard	Nighthouse / Feeding	Liq..BioKleen	Daily
		Cubical	Bleaching powder	Fortnightly
		Water body	Pot. Permanganate	Weekly
3.	Asiatic Lion	Nighthouse / Feeding	Liq..BioKleen	Daily
		Cubical/	Bleaching powder	Fortnightly
		Water body	Pot. Permanganate	Weekly
4.	Sloth Bear	Nighthouse / Feeding	Liq..BioKleen	Daily
		Cubical	Bleaching powder	Fortnightly
		Water body	Pot. Permanganate	Weekly
5.	Primates	Nighthouse / Feeding	Liq..BioKleen	Daily
		Cubical	Bleaching powder	Fortnightly
		Water body	Pot. Permanganate	Weekly
6.	Birds	Nighthouse / Feeding	Liq..BioKleen	Daily
		Cubical	Bleaching powder	Fortnightly
		Water body	Pot. Permanganate	Weekly

\*Liq. Formaline 10 % and Pow. Clorasan-T is used in and around the paddock area as and when required

## Health Check-up of employees for zoonotic diseases

Sl.No.	Name	Designation	Date of Health check up	Findings of Health check up
1	Dr.Rajkumar Jadhav	Director	19.09.2020	
2	Dr.Suchitra suryavanshipatil	Veterinary officer	25.02.2021	
3	Sh.Manoj Jadhav	LiveStock Supervisor	24.01.2020	
4	Sh.Ganesh Tole	Zoo Bigari	13.02.2021	
5	Sh.Swapnil Bhokare	Zoo Bigari	24.02.2021	
6	Sh.Sandip Raikar	Zoo Bigari	12.02.2021	
7	Sh.Datta Chandane	Zoo Bigari	09.02.2021	
8	Sh.Santosh Kasabe	Zoo Bigari	04.03.2021	
9	Sh.Dnyaneshwer kartude	Zoo Bigari	22.02.2021	
10	Sh.Tajjuddin A. Mahat	Zoo Bigari	03.03.2021	
11	Sh.Siddarth N. Nanaware	Zoo Bigari	18.03.2021	
12	Sh.Ramchandra Gite	Zoo Bigari	02.03.2021	
13	Sh.Navnath Memane	Zoo Bigari	13.02.2021	
14	Sh.Sham Karde	Zoo Bigari	16.02.2021	
15	Sh.Maruti Shankar Salunkhe	Zoo Bigari	29.06.2020	
16	Sh.Swapnil Sasar	Zoo Bigari	26.02.2021	



## Development Works carried out in the zoo during the year

**Construction of enclosure for lesser cats:-** The construction work of lesser cat complex could not be accomplished in the preceding financial year owing to emergence of catastrophic covid 19 pandemic. Government withhold sanctioned budgetary

provision for diverting funds for the medical expenditures. Due to unprecedented lockdown, manpower could not be made available on time in enough numbers. Therefore first quarter of the financial year had been very saddening for the new infrastructure development works of the zoo. While financial constraints for the development work continued, lockdown norms partially relaxed which allowed to began the halted infrastructure works. The

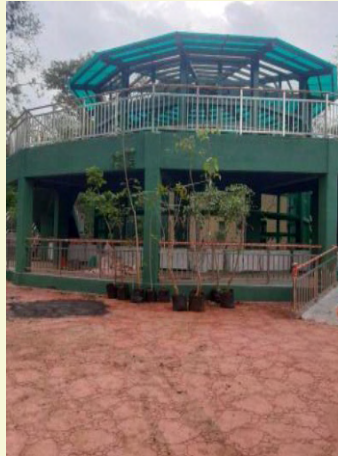


remaining works of the project of which fabrication accounted major component and others consisting painting, exhibit barriers, stamp concreting of pathways etc. around enclosures took a final shape. Enclosures almost readied however smaller part of night cubicles still needed finishing touch. All enclosures would be probably inaugurated sometime in the first quarter of upcoming financial year.

**Safeguards for herbivore enclosures:-** Incident of dog sneaking into blackbuck enclosure cropped up as a eye opener for the Pune Municipal Corporation. As huge infrastructure development projects of the civic body laying drainage and drinking water line initiated through zoo premises, the zoo security significantly compromised. This prompted to make provision for adequate security majors to protect the herbivore fauna in case stray dogs makes entry in the premises. As a part of this ungulates species which are considered vulnerable to accidental dog attack; their enclosures identified to erect chainlink barricades all around to ensure animal safety. The chainlink barricades with enough height to refrain the dogs from entering animal vicinity erected around enclosures of Blackbuck, Spotted deer, Sambar and Chinkara as a temporary arrangement.



**Exhibit for Indian giant squirrel :-** After the construction of ex situ breeding facility for Indian giant squirrel the work for developing an exhibit expedited along the lesser cat complex. For the first time the exhibit for Indian giant squirrel coming up where visitor would have access to view the animals even foraging atop the tree or moving across its bottom. A unique design of exhibit worked out with provision of staircase to view animal while at upper canopy. Enough space for smooth visitor circulation is ensured with adequate safeguards for visitor safety. The paddock area enriched planting indigenous trees from the habitat range of species. The facility admeasuring 74.30 sq. mtr. paddock with 4 night cubicles made almost ready for inauguration.



**Enclosure work of Asiatic lion:-** The construction work of Asiatic lion enclosure where it stopped last year could not be taken up further owing to the financial restriction brought in by the government. The work would only commence in the next financial year.



## Education and Awareness programmes during the year 2020-21

**World environment day ( 5<sup>th</sup> June 2021 ) :-** World Environment Day the event holds immense importance for the zoo as organization engages in eco-friendly activities with the students and local public representatives. However the scenario this year was different altogether as no gathering of students and public around, attributed to covid restrictions. This time around zoo observed restricted format of celebration, never seen before. Zoo staffers geared up for in house plantation drive, the activity which is part of every years program for the day. The masked up zoo staff serving different sections of zoo assembled maintaining social distancing and following



covid appropriate behavior. The area along viewing gallery of Spotted deer, Sambar and few stretches across off-display area earmarked for the plantation activity. The pits were already dug out preplanned where indigenous saplings of diverse species planted out to mark the event. While no outsider audience and speaker, converting the occasion into opportunity; a interactive talk delivered by the senior zoo officials to the employees focusing importance of day touching upon responsibility of every individual towards protection and conservation of floral and faunal bio-diversity.



### **International Tiger Day :-**

International Tiger Day remains one of the mostly liked educational activity by the students, volunteers and zoo staffers. The event each year comes with full of joy and excitement for the schools regularly participating in zoo activity. However occasion of the year could not see the presence of kids around owing to emergence of dangerous Covid pandemic. Here again our zoo employees eagerly had to wait to play out students role with cheer and ecstasy. Like we do

for the students, staff of animal section actively engaged in face painting from the professional painter of Pune Municipal Corporation. The zoo keepers actively got their face painted with designs and colors resembling tiger body especially the stripes. In the later half of the event a informative talk for the front-line zoo staff of animal section was imparted by senior zoo officials which was centered at tiger health management in the zoo with special mention towards human transmission of Covid 19 and its challenges.

## **Wildlife Week (1<sup>st</sup> – 7<sup>th</sup> October 2020)**

### **REPORT OF WILDLIFE WEEK 2020**

Wildlife week stands very important educational activity celebrated in the first week of October with large participation of schools and colleges to promote the cause of wildlife conservation. Every year Pune Municipal Corporation sanctions enough budget to have a grand celebration of event having students and visitors around. The schools who keeps close rapport with the zoo remains the regular entrants who gears up with enough prior preparedness for the occasion. To make wildlife week meaningful and inculcate a true sense of wildlife conservation among the students; zoo comes up with planning the fascinating competitions, informative talks and interactive sessions focussing wildlife themes. Its a kind of event opening tremendous opportunity to reach out to educational entities to create empathy for wildlife and spread out wider message of conserving wildlife and biodiversity. We sensibly keep the interest of students overwhelmed by awarding participants and winners with trophies as small token of appreciation. In the recent years wildlife week has earned huge popularity among the students from different schools across the Pune.

However the wildlife week 2020 had been the different scenario altogether in the history of zoo. The whole week had to be celebrated without physical presence of participants in the zoo premise. For the first time every scheduled programme of the week organized through a virtual platform. Interestingly students enthusiastic participation observed this year too even under prevailing pandemic conditions. Although it was tough time for everyone, beating all odds 500 students from 23 schools across the city participated in the event to make this wildlife week also a grand success. All competitions were hold in five different groups namely

- Primary group – 1<sup>st</sup> to 4<sup>th</sup> std students
- Secondary group – 5<sup>th</sup> to 7<sup>th</sup> std students
- Higher secondary group – 8<sup>th</sup> to 10<sup>th</sup> std students
- Junior college group – 11<sup>th</sup> & 12<sup>th</sup> std students

Open group – Open for everyone

#### 4<sup>th</sup> October Drawing competition

The first virtual event of wildlife week began with drawing competition which observed active participation of students from 22 schools across the city. As usual the students had given a theme for competition titled “wildlife conservation and protection”. All the students drew adorable pictures suits to the theme. A professional artist Mr. Raja Badsal carried out evaluation of drawing to judge the winners.

##### Group 1 (Primary)

- 1<sup>st</sup> Prize – Kartikey Balu Inamdar–Venketeshawara school
- 2<sup>nd</sup> Prize – Saba Akbarmiya Badeghar – Paigambar foundation
- 3<sup>rd</sup> Prize – Kavyanshu Mahale – The Andhra high school

##### Group 2 (Secondary)

- 1<sup>st</sup> Prize – Neil Patil – Blossom Public School
- 2<sup>nd</sup> Prize – Deepika Choudhary – Acharya Shree Vijay Vallabh School
- 3<sup>rd</sup> Prize – Vitthal Kawde – PMC School, Kondhwa

##### Group 3 ( Higher Secondary)

- 1<sup>st</sup> Prize – Neel Parab – New English School , Ramanbaug
- 2<sup>nd</sup> Prize – Pratyanch Tonde - Acharya Vijay Vallabh School
- 3<sup>rd</sup> Prize – Sanhiata Potdar - Venkateshwara School
- Consolation Prize: Shankar Rathod, 10th std., Madhyamik Vidyalaya, Katraj
- Consolation Prize: Surabhi Merukar, 9th std., Ahilyadevi High School
- Consolation Prize: Pankaj Ghuge, 10th std., Narayanrao Sanas Vidyalaya

##### Group 4 (Open)

- 1<sup>st</sup> Prize – Shivam Pandey - Acharya Shri Vijay vallabh School
- 2<sup>nd</sup> Prize – Pradeep Kshirsagar - Aaryan's world school

#### 5<sup>th</sup> October- Poetry competition

A virtual Poetry competition event hold on 5<sup>th</sup> October which witnessed large participation of enthusiastic students from different age groups. A writer and poet Mr Pralhad Kondiba Dudhal requested a task to judge the performance of participant students. The assessment carried out based on the poetry lines composed suits to the theme ' Save wildlife'. Every participating candidate had wonderful Poetry composition making job of judges quite difficult to decide winners in the end. On micro evaluation judge had following winners to announce.

##### Group 1 (Primary)

- 1<sup>st</sup> Prize – Pranjali Rajendra Khillari – Vidyaniketan School, PMC Pune
- 2<sup>nd</sup> Prize – Rudra Arun Babhulkar–New Marathi School
- 3<sup>rd</sup> Prize – Sai Prashant Rokade – New Marathi School



- Consolation Prize – Harshit Kunjir – New life centre

#### Group 2 (Secondary)

- 1<sup>st</sup> Prize – Anisha Neurgaonkar – Ahilyadevi School
- 2<sup>nd</sup> Prize – Deep Vishal Chandne
- 3<sup>rd</sup> Prize – Anushri Moholkar – Aaryans School
- Consolation Prize – Aditi Itnal – Aaryans School

#### Group 3 ( Higher Secondary )

- 1<sup>st</sup> Prize – Dyaneshwari Pundlik Bhilare – Hujurpaga School
- 2<sup>nd</sup> Prize – Vidisha Shrikrishna Kshire
- 3<sup>rd</sup> Prize – Nikita Santosh Kumbhar – Narayanrao Sanas School
- Consolation Prize – Meet Jain – New Life Centre

### 6<sup>th</sup> October Elocution competition

An Elocution competition was the third virtual event of the week for the students. The participating students were given a theme of 'wildlife conservation' for the elocution. The participant were allowed to send individual short videos in the given time frame. The oratory of students assessed from the videos by Wildlifer Mr. Anil Khaire. The following winners were announced by the judge on evaluation.

#### Group 1 (Primary)

- 1<sup>st</sup> Prize – Ananya Kumbhar - Aaryan's world school
- 2<sup>nd</sup> Prize – Ovi Nilesh Pawar - Muktangam school
- 3<sup>rd</sup> Prize – Nutan Gabhal

#### Group 2 (Secondary)

- 1<sup>st</sup> Prize – Ananya Omkar Gawande – Ahilyadevi School
- 2<sup>nd</sup> Prize – Fatima Javedali Tamboli - PMC school No.2.Kondhwa
- 3<sup>rd</sup> Prize – Anvi Lalaso Jadhav - Blossom school

#### Group 3 ( Higher Secondary )

- 1<sup>st</sup> Prize – Animesh Nilesh Deo - Ramanbaug New english
- 2<sup>nd</sup> Prize – Vaishnavi Chandrashekhar Dhamdhere - Venkateshwara school
- 3<sup>rd</sup> Prize – Sidhhi Surve - Venkateshwara school

Unlike every year valedictory function and prize distribution ceremony was not organized formally. The winners were announced and directed to collect the certificate online only. The situation was quite tricky for approaching the students and promoting them to participate through online mode. However close rapport of zoo with various educational institutes across the city helped us reach and promote the event and get the students participation. Although this was the first time zoo got into online events with students, all competitions went smoothly and helped us spread out message of wildlife conservation to some extent.



## Important Events and Happenings

### 1. Visit of Ms Supriya Sule, Member of Parliament:-

Local Member of parliament from the constituency Ms. Supriyatai Sule Visited the zoo on 19<sup>th</sup> November 2020. She accompanied by local members of civic body and office bearers wanted to know the factual status of the development of the zoo. She being the first time visitor of zoo, a detailed presentation consisting relocation of Peshwe Park zoo



to Katraj and its transformation into Rajiv Gandhi zoological Park was delivered for better perception of entity. The Master Plan of zoo for next twenty years development was highlighted in the presentation which she appreciated and instructed to expedite its implementation. She opined to mull the option of pitching in corporate companies for the speedy completion of projects within the Master Plan which are slowed due to inadequate budgetary allocation.

### 2. Meeting of Zoo Advisory Committee: -

To take a call on policy decision pertain to important issues of zoo, an advisory committee meet was held on 8<sup>th</sup> July 2020. Chaired by Municipal commissioner, committee members in a meeting accorded a nod to utilize whole amount allocated for the zoo under different financial subheads albeit ongoing corona pandemic. Development works proposed under the master plan for the current year had been the another issue contemplated in the meeting. The ongoing infrastructure development work of enclosures for lesser cats and Indian giant squirrel decided to be completed in the financial year. The permanent recruitment of veterinarians and para veterinarians on vacant positions had been the another major decision by the zoo advisory committee.

### 3. Release of Indian giant squireel in newly constructed conservation breeding facility: -

Ex situ conservation breeding programme on Indian Giant Squirrel earmarked as ambitious project of Rajiv Gandhi Zoological Park assigned by the Central Zoo Authority. Since the species started successfully breeding in the zoo, construction

work of an off-display breeding facility speeded up and finishing touch was given to the facility in the November 2020. After enriching the environment within the house establishing natural attributes with due regards to behavioural and biological need of the species; facility was readied for housing the animals. On 27<sup>th</sup> November 2020 one male and two females were finally released in the ex situ breeding house.



**4. Animal exchange program with Rajkot zoo**

Rajiv Gandhi Zoological Park had left with only a senile white tigress after the death of male white individual, couple of years back. To have desired specimen an animal exchange programme with Rajkot zoo finalized to exchange surplus male Royal Bengal tiger from this end with female white tiger from Rajkot. Amid ongoing covid pandemic animal transportation between the zoos had been uphill task. Its only after



the first covid wave started declining decision made out to transport the animals between the zoos and responsibility of the task was mutually decided to be performed by the Rajkot zoo. On the 4<sup>th</sup> March 2021 team Rajkot zoo led by Veterinary Officer transported the female white tiger to Pune and taken over the captive born male tiger of Rajiv Gandhi Zoo as per the plan.

**5. Celebration of Bharat ka Amrut Mahotsav :- 29.3.2021 to 4.04.2021**

To commemorate 75 years of country's independence Government of India has decided to conduct various activities under the banner of 'Bharat ka Amrut mahotsav. Under this drive Central Zoo Authority is focussing programme titled 'conservation to coexistence people's connect" which aims to spread conservation awareness about 75 indigenous species by 75 zoos for 75

**Bharat Ka Amrut Mahotsav**  
**75 CONSERVATION TO CO-EXISTENCE: THE PEOPLE CONNECT**  
**India #75Weeks75Species75Zoos**  
 Rajiv Gandhi Zoological Park & Wildlife Research Centre, Pune Municipal Corporation.  
 For enriched and enriched environment of animal care system, we have organized various programs and activities during the period of Bharat Ka Amrut Mahotsav. Schedule for CZA - Bharat Ka Amrut Mahotsav :  
 Guest Squirrel week 29<sup>th</sup> March to 4<sup>th</sup> April at Pune Zoo

Date & Time	Activity
29 <sup>th</sup> March 2021 10:30 am to 12:30 am	Inauguration by virtual introduction to Indian Giant Squirrel captive breeding facility
30 <sup>th</sup> March 2021 Monday 10:30 am to 11:30 am	Know about Giant Squirrel An expert talk by Subash Mangarkar
31 <sup>st</sup> March 2021 Tuesday 10:30 am to 11:30 am	Make a colorful day with Giant Squirrel - A Drawing / Poster Competition
1 <sup>st</sup> April 2021 Wednesday 10:30 am to 4:00 pm	Know our species & Know our Zoo An expert talk by Dr. Harshad Rajgopal & Dr. Rajkumar Jadhav Lunch the event.
1 <sup>st</sup> April 2021 Wednesday 10:30 am to 11:30 am	Assess your knowledge with us. A Quiz competition on Giant Squirrel
2 <sup>nd</sup> April 2021 Thursday 10:30 am to 11:30 am	Watch charismatic fauna of Rajiv Gandhi Zoological Park. A virtual zoo tour
3 <sup>rd</sup> April 2021 Friday 10:30 am to 11:30 am	Make a beautiful gift for Giant Squirrel. An Essay competition
4 <sup>th</sup> April 2021 Saturday 9:00 am to 6:00 pm	An expert talk on giant squirrel by Dr. Subhash Mall
4 <sup>th</sup> April 2021 Saturday 10:30 am to 11:30 am	Virtual visit to Reserve Centre, Bhausa Park and closing ceremony

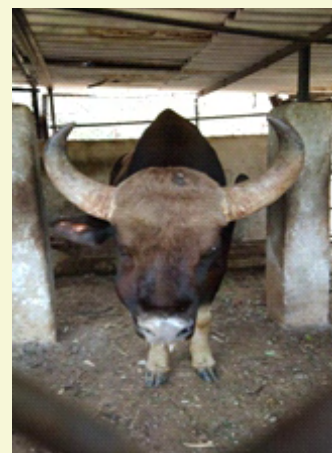
**GIANT SQUIRREL WEEK**  
 29<sup>th</sup> March to 4<sup>th</sup> April, 2021



weeks. As per the schedule of CZA and species of focus for the week from 29<sup>th</sup> March till 4<sup>th</sup> April "Indian giant squirrel, was taken up to disseminate conservation awareness about the species which is the state animal of Maharashtra. The Giant squirrel week began with inauguration of newly established ex situ breeding facility of Indian giant squirrel through virtual platform. A short video highlighted the success story of programme elaborating each element involved within it right from acquisition of founders, designing of breeding house and successive births each year since inception. The species talk by the experts, drawing competition, quiz competition, virtual tour of zoo and rescue centre remained other activities of the week long programme. Last day of the week observed concluding ceremony wherein winners participated in the competitions announced and acknowledged.

### Veterinary Section:-

**1. Squamous Cell Carcinoma in male Gaur:-**From last week of October 2020 a seven year old male Gaur started exhibiting signs of right unilateral mandibular swelling and mild salivation, otherwise animal was quite active initially. The condition appeared as if abscess or actinomycosis and accordingly symptomatic treatment instituted with antibiotics and anti-inflammatory drugs. However even after treatment continued for two weeks the condition with the animals seemed nonresponsive. After three weeks gradual progression in the



health condition of animal was apparent as animal had profuse frothing and drooling, constant licking at right nostril, pressing the swollen right mandibular part against hard objects and reduced appetite. The exacerbation in the health condition further lead to animal started losing weight progressively. To examine the disease condition with the animal the chemical immobilization planned on 9<sup>th</sup> December 2020. Animal injected with Xylazine @ 0.4 mg/kg body weight and ketamine @ 0.5 mg / kg body weight in combination. However this anaesthetics combination didn't work and animal could not have a desired level of sedation required for clinical procedures. Hence animal anaesthesia with etorphine hydrochloride finally attempted on 19<sup>th</sup> January 2021 and oral cavity thoroughly examined by the members of health advisory committee. On examination large sized cancerous lesion was evident on right upper jaw



from incisor teeth till nasal turbinate. The cancerous and partly necrose tissue mass had foul smelling and easily detached. During the process one cancerous upper incisor tooth detached while removing devitalized tissue debris. The tissue samples collected for histopathological examination to determine the type of oral lesion. Animal reversed from sedation with Diprenorphine hydrochloride and symptomatic treatment imparted further for a week. The histopathology report from KNP college of veterinary science revealed the type of cancer being squamous cell carcinoma. Animal health status severely deteriorated further as animal was not able to consume the feed and eventually succumbed on 6<sup>th</sup> February 2021.

## 2. Mandibular abscess in Indian giant squirrel:-

Mandibular abscess in Indian giant squirrel found fairly common condition with captive population of Rajiv Gandhi Zoo. The only breeding female within the zoo developed hard painful swelling on right mandible just below the eye. On 26<sup>th</sup> February 2021 under sedation with ketamine hydrochloride @ 20mg/kg body weight the swollen part examined visually, radiography also done which revealed no involvement of bony tissue but rather it's subcutaneous abscess. The abscess opened up to drain out the contents and wound irrigated with antiseptics. Post operatively animal injected with broad spectrum antibiotics and wound dressing done on alternet day basis. The wound healed up eventually in a week time later .



## 3 Death of Blackbucks due to breach of security:-

The worst impact of ongoing maintenance work within the zoo premises seen for the first time on 6<sup>th</sup> January 2021 while the drainage department of Pune Municipal Corporation undertaken development work, dismantling dog containment zone across Nullah in the zoo premises. Before it was reconstructed, stray dogs manage to sneak into herbivore section through temporary barricading. Four stray dogs entered Blackbuck enclosure from its rear barrier before being noticed by security personnel. The animals excited of dog entry in the paddock leading to whole flock of animals began running and jumping around. It was noticed by zoo staffer who further alerted senior Zoo officials who instantly reach the spot to take situation under control. Out of 34 animals in the enclosure four individuals succumbed on spot due to shock. The zoo team swing in to action in no time and swift rescue operation began to save other lives. The staffers successfully managed

to isolate remaining population of animals from the dogs and feral canines were evacuated from the vicinity of animals tranquillizing each one of them to hand it over to dog squad of Municipal Corporation. The incident cropped up as a eye opener for the entire Pune Municipal Corporation and prompted to establish permanent infrastructure along enclosures to safeguard the animals in case of such exigencies.

#### 4. Babesiosis in Royal bengal tigers:-

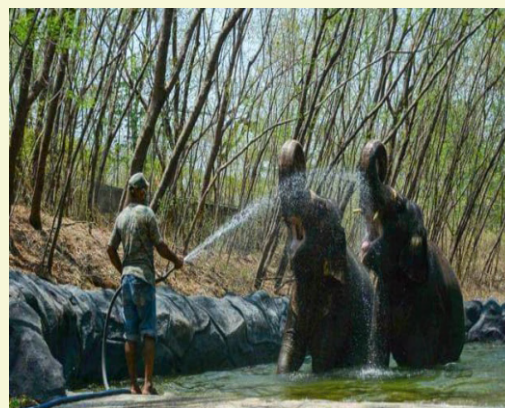
Babesiosis in big cat population has been reported in the zoo before but only individually which could successfully managed with ease. For the first time the disease reported in tigers in sporadic form which began with the signs of three zoo born juveniles manifesting signs of anorexia, epistaxis, high rise of temperature, dullness and reduced activity. Initially two hemobiochemical analysis didn't reveal any significant abnormality in the blood picture. Also the Nasal swab samples were collected for the analysis from National Institute of Virology, which tested negative for any serious viral infection. The members of health advisory committee were roped in to decide the treatment modalities of the ailing tigers. On suspecting the ongoing health issue to be a probable babesiosis, the symptomatic treatment initiated with Imidocarb dipropionate, antibiotics, and supportive therapy with intravenous fluid and multivitamins. In conjunction with antiprotozoal drug imidocarb, primaquin phosphate also added orally. Initially all three animals responded well to treatment instituted. However one female of the three siblings had its health condition deteriorated after a week time. The blood examination conducted at this time point of time revealed animal infected with hamoprotozoan parasite 'babesia' however only the genus of organism could be diagnosed. The health status of animal progressively worsened with the time although every possible treatment option explored to save the animal. However it turned out a futile exercise. Eventually tigress succumbed to complications of the infection on 18 March 2021 whereas remaining two males recovered uneventfully.



## Seasonal special arrangements for upkeep of animals

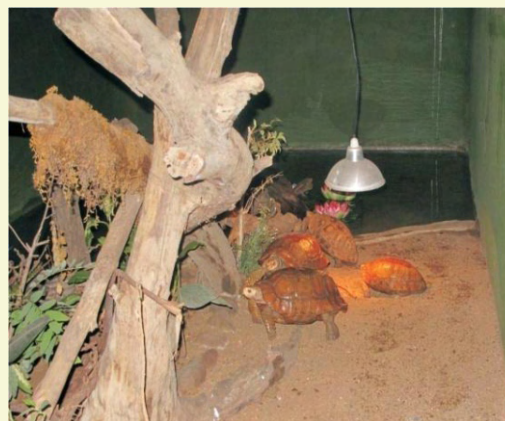
### Summer Management .

1. To counter the summer stress fogger system is made available in the Kraal section of Asiatic lion, Royal bengal tiger, Long billed vulture, Peafowl, Shikra and Kite.
2. Coolers are provided in Sloth bear, Leopard, Asiatic lion and Royal bengal tiger night cubicals.
3. Wallowing pond is established in sambar exhibit.
4. Elephants are given cold water bath twice a day in summer. The water pool is also established for swimming of animals.
5. Rain gun system for watering the garden area is utilized to maintain cool atmosphere around enclosures.
6. All snake houses are fitted in with foggers, fans and coolers which are put into use depending upon variations in the ambient temperature.



### Winter Management

1. Wooden planks are used in the tiger and lion night cubicals over which dry grass is spread to create sufficient warmth.
2. In the resting sheds of deer and antelopes heaps of dry grass utilized as bedding material
3. In the reptile houses blankets and heaters are used in adequate numbers.



## **Research Work carried out and publications**

Rajiv Gandhi Zoological Park and wildlife research centre houses 63 species of wildlife including various mammals, birds and reptiles. This organization works in collaboration with Krantisingh Nana Patil college of veterinary science, Shirval for various research projects, treatment modalities of ailing animals and student's internship program.

This year also we are conducting post graduate research work titled: 'Prevalence of Helminthic infections in zoo animals in Western Maharashtra.'

Confined areas in zoo enclosure makes captive animals more prone to different parasitic infections despite proper attention to food and water, maintenance of hygiene and preventive management protocol in captivity. The spectrum of parasitic diseases in wild animals is of great importance both in human and veterinary medicine. Under captivity the health status of zoo animals varies with different factors such as management, feeding, environment, sanitation and seasonal variation. Various workers have recorded incidence of different parasites in captive wild animals.

### **The objective of post graduate dissertation works are :**

1. To record the seasonal prevalence of helminthic infections in zoo animals and birds.
2. To note the EPG of helminthic infections in zoo animals and birds.
3. To judge the efficacy of regular scheduled anthelmintic treatment administered in zoo animals and birds.

Under which faecal samples of zoo animals are collected according to seasonal variation pre and post deworming of animals. The parasitic examinations and methodology are going to be performed for faecal sample analysis are namely

1. Flootation technique
2. Sedimentation technique
3. McMaster egg counting technique.
4. Micrometry
5. Co-pro Culture

Post monsoon samples are going to be collected in the month of August 2021 and results will be published and concluded in the first quarter of forthcoming year.

## **Conservation Breeding Programme of the Zoo**

As a participating zoo for the conservation breeding programme of Indian giant squirrel Rajiv Gandhi Zoological Park is systematically working in accordance to the plan chalked out under the project. After the successive breedings in the zoo from 2017 every step is being taken to have sustainable conservation breeding programme in the zoo. After the genetic study of animals from the LaCONES, the work of constructing ex situ breeding house expedited. The off-display ex situ breeding facility finally readied to receive the animals in 2020.. In the first phase two paddocks admeasuring 51.3 sq. mtr each with six connecting night cubicles established leaving scope for expansion to have similar facility in the next phase. This ex situ breeding house would be the first of its kind in the country wherein almost every attribute the part of animals natural habitat has been incorporated. The paddocks having the



area of a 102.6 sq. mtr has been provided with height of 27 feet as animal being arboreal and preferring upper tree canopy. The night cubicles are interconnected with furniture arrangement to have free movement of animals in indoor conditions. The vegetation animal prefers for nesting and feeding in nature, the same species of indigenous plants cultivated in the paddock area. This year also we welcomed the birth of another young one in the first week of March 2021 taking total tally of zoo born individuals to five. The zoo urgently needs heterozygous founders to be introduced for the breeding to continue with sustainable ex situ breeding programme of the Indian giant squirrel.

## Animal acquisition / transfer / exchange during the year

<b>A. Animals arriving in the Zoo</b>					
	H.NO.	Species	Number (M:F)	From which Zoo	Date of arrival in the zoo
1		Tiger Bengal (White)	01 F	Rajkot Zoological Park, Rajkot Gujarat	04.03.2021
<b>B. Animals going from the zoo</b>					
	H.NO.	Species	Number (M:F)	Going to which Zoo	Date of deposition from the zoo
1		Tiger Bengal	01 M	Rajkot Zoological Park, Rajkot Gujarat	04.03.2021



## Rescued Animals During 2020-21

Rajiv Gandhi Zoological Park voluntarily contributes to serve the free range wildlife through wild animal rescue and rehabilitation centre. The rescue centre receives reptiles, birds and mammals from all across the region which counts to over thousand each year. The animals admitted to rescue centre imparted requisite treatment until complete recovery while the orphaned juveniles nurtured through hand rearing. The recovered animals mandatorily released back in nature coordinating with the local forest division. The unreleased animals, orphaned young ones, animals with permanent disability never released instead permanently housed and looked after in the rescue centre facility

### List of rescued animals in the year 2020 - 21

Sr. No.	Month	Birds	Mammals	Reptiles	Total
1	Apr-20	66	8	60	134
2	May-20	30	6	33	69
3	Jun-20	39	14	126	179
4	Jul-20	75	16	104	195
5	Aug-20	32	11	44	87
6	Sep-20	28	8	61	97
7	Oct-20	42	11	85	138
8	Nov-20	34	14	98	146
9	Dec-20	63	14	18	95
10	Jan-21	72	14	20	106
11	Feb-21	72	24	14	110
12	Mar-21	83	11	8	102
	<b>Total</b>	<b>636</b>	<b>151</b>	<b>671</b>	<b>1458</b>

## Annual Inventory of animals

Form – II

[See Rule 11(1)]

Part – A

Inventory Report for the Year: 2020-21

### Endangered Species\*

S. No	Animal Name	Scientific name	Opening Stock as on 01.04.2019				Births			Acquisition			Disposal			Death			Closing Stock as on 01.04.2020				
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T	
1	Peafowl	<i>Pavo cristatus</i>	1	8	0	9											1			1	7	0	8
2	Shikra	<i>Accipiter badius</i>	0	0	2	2													0	0	2	2	
3	Long Billed Vulture	<i>Gyps indicus</i>	1	0	1	2													1	0	1	2	
4	Four-horned antelope	<i>Tetraceros quadricornis</i>	4	1	0	5											1			3	1	0	4
5	Sloth Bear	<i>Melursus ursinus</i>	1	1	0	2														1	1	0	2
6	Black buck	<i>Antelope cervicapra</i>	1 3	8	1 5	3 6	5	1	2								6	7		1 2	2	1 7	31
7	Cat Jungle	<i>Felis chaus</i>	1	1	1 1	1 3											1	1		3	8	0	11
8	Cat Leopard	<i>Prionailurus bengalensis</i>	1	1	0	2														1	1	0	2
9	Indian Elephant	<i>Elephas maximus</i>	0	2	0	2														0	2	0	2
10	Gaur or Indian bison	<i>Bos gaurus</i>	2	0	0	2											1			1	0	0	1
11	Chinkara	<i>Gazella gazella bennetti</i>	1	2	0	3														1	2	0	3
12	Jackal	<i>Canis aureus</i>	1	3	0	4											2			1	1	0	2
13	Leopard	<i>Panthera pardus</i>	0	3	0	3														0	3	0	3
14	Lion Asiatic	<i>Panthera leo persica</i>	1	1	0	2														1	1	0	2

15	Macaque Bonnet	<i>Macaca radiata</i>	4	3	2	9											1			3	3	2	8
16	Macaque Rhesus	<i>Macaca mulatta</i>	9	7	0	16						6								3	7	0	10
17	Gaint Squirrel Malabar	<i>Rutufa indica</i>	3	3	0	6		1										1		3	3	0	6
18	Tiger Bengal	<i>Panthera tigris</i>	5	3	0	8						1						1	2	3	1	0	4
19	Tiger Bengal (White)	<i>Panthera tigris tigris</i>	0	1	0	1														0	2	0	2
20	Indian Wolf	<i>Canis lupus pallipes</i>	0	1	0	1														0	1	0	1
21	Cobra Indian	<i>Naja naja naja</i>	3	7	0	10														3	7	0	10
22	Cobra King	<i>Ophiophagus hannah</i>	1	1	0	2														1	1	0	2
23	Gharial	<i>Gavialis gangeticus</i>	0	2	0	2														0	2	0	2
24	Crocodile Marsh	<i>Crocodylus palustris</i>	1	1	0	2												1		1	0	0	1
25	Lizard Monitor	<i>Varanus bengalensis</i>	0	1	1	2														0	1	1	2
26	Python Indian Rock	<i>Python molurus molurus</i>	1	3	0	4														1	3	0	4
27	Python Reticulated	<i>Python reticulatus</i>	1	1	0	2														1	1	0	2
28	Keelback Checkered	<i>Xenochrophis piscator</i>	14	13	0	27														14	13	0	27
29	Snake Rat	<i>Ptyas mucosus</i>	6	9	0	15														6	9	0	15
30	Turtle Indian Flap Shelled	<i>Lissemys punctata punctata</i>	1	2	0	3														1	2	0	3
31	Indian Roofed Turtle	<i>Kachuga tecta</i>	2	1	0	3														2	1	0	3
32	Terrapin Spotted River	<i>Geocharys hamiltonii</i>	0	0	1	1														0	0	1	1
33	Viper Russell s	<i>Vipera russelii</i>	2	3	0	5														2	3	0	5

\*Animals under Schedule I and Schedule II of the Wild Life (Protection) Act, 1972

## Other than Endangered Species

## Part-B

S. No.	Animal Name	Scientific name	Opening Stock as on				Births			Acquisition			Disposal			Death			Closing Stock as on				
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T	
34	Eagle Crested Serpent	<i>Spilornis cheela</i>	0	0	1	1														0	0	1	1
35	Great Horned Owl	<i>Bubo bubo</i>	0	0	1	1														0	0	1	1
36	Barn Owl	<i>Tyto alba</i>	1	1	0	2														1	1	0	2
37	Kite Pariah	<i>Milvus migrans</i>	0	0	4	4														0	0	4	4
38	Brown Fish Owl	<i>Ketupa zeylonensis</i>	0	0	1	1														0	0	1	1
39	Falcon Laggar	<i>Flaco jugger</i>	0	0	1	1														0	0	1	1
40	Lorikeets Dusky	<i>Psedcos fuscata</i>	0	0	1	1														0	0	1	1
41	Barking Deer	<i>Muntiacus muntjac</i>	2	6	9	17		3									2		2	7	9	18	
42	Sambar	<i>Cervus unicolor</i>	11	17	1	29	1										2	1	10	16	1	27	
43	Spotted Deer	<i>Axis axis</i>	38	39	10	87	2	2	3								3	2	37	39	13	89	
44	BlueBull (Nilgai)	<i>Boselaphus tragocamelus</i>	2	9	0	11											1		1	9	0	10	
45	Keelback Striped	<i>Amphispma stolata</i>	1	1	0	2														1	1	0	2
46	Boa Common Sand	<i>Eryx conicus</i>	2	2	0	4														2	2	0	4
47	Boa Red Sand	<i>Eryx johnii</i>	2	2	0	4														2	2	0	4
48	Catsnake Common	<i>Boiga trigonata</i>	1	1	0	2														1	1	0	2
49	Keelback Green	<i>Macropis thodon plumbicolor</i>	1	1	1	3														1	1	1	3
50	Krait Common	<i>Bungarus caeruleus</i>	1	2	0	3														1	2	0	3

51	Kukri Banded	<i>Oligodon arnensis</i>	1	1	0	2												1	1	0	2
52	Racer Banded	<i>Argyrogena fasciolatus</i>	2	2	0	4												2	2	0	4
53	Snake Trinket	<i>Elaphe helena</i>	2	2	0	4												2	2	0	4
54	Snake Wolf	<i>Lycodon aulicus</i>	1	3	0	4												1	3	0	4
55	Tortoise Indian Starred	<i>Geochelone elegans</i>	5	9	0	14								1				4	9	0	13
56	Tortoise Elongated	<i>Indotestudo elongata</i>	1	0	0	1												1	0	0	1
57	Viper Saw Scaled	<i>Echis carinata</i>	2	2	0	4												2	2	0	4
58	Indian Pond Terrapin	<i>Melanochelys trijuga</i>	1	2	0	3												1	2	0	3
59	Viper Bamboo Pits	<i>Trimeresurus gramineus</i>	1	1	0	2												1	1	0	2
Exotic Animals																					
62	African Grey Parrot	<i>Psittacus erithacus</i>	1	0	0	1												1	0	0	1
63	Amazon Parrot	<i>Amazona aestiva</i>	0	0	1	1												0	0	1	1
64	Iguana Green	<i>Iguana iguana</i>	1	0	0	1												1	0	0	1
65	Terrapin Red Eared	<i>Pseudemys scripta elegans</i>	9	5	0	14												9	5	0	14

## Mortality of animals

Sl.No.	Animal Name (with individual identification mark, if any)	Scientific Name	Sex	Date of Death	Reason of death as per the Post-mortem report
<b>Bird</b>					
1	Peafowl	<i>Pavo cristatus</i>	Female	29.06.2020	Hepato renal and respiratory failure.
<b>Mammal</b>					
2	Spotted Deer	<i>Axis axis</i>	Male	18.04.2020	Hypovolemic shock with cardio respiratory failure.
3	Macaque Bonnet	<i>Macaca radiata</i>	Male	24.04.2020	Cardio respiratory failure.
4	Black buck	<i>Antelope cervicapra</i>	Female	24.05.2020	Respiratory failure with internal lung injury and hypovolemic shock.
5	Spotted Deer	<i>Axis axis</i>	Male	13.06.2020	Chronic liver failure with ascitis and hypovolemic Shock leading to cardio respiratory failure.
6	Porcupine Indian	<i>Hystrix indica</i>	Female	26.06.2020	Multi organ failure as a senile animal.
7	Jungle cat	<i>Felis chaus</i>	Male	20.07.2020	Septicemia
8	Tiger	<i>Panthera tigris</i>	Female	30.07.2020	Hypovolemic shock with cardio respiratory failure due to old age
9	Jungle cat	<i>Felis chaus</i>	Female	01.08.2020	Septicemia
10	Barking deer	<i>Muntiacus muntjac</i>	Female	18.08.2020	Weaknes and Respiratory failure
11	Tiger	<i>Panthera tigris</i>	Male	27.09.2020	Multi organ failure with paraneoplastic syndrome with diffuse spread of metastatic hemangio sarcoma in vital organs
12	Barking deer	<i>Muntiacus muntjac</i>	Female	28.09.2020	Traumatic shock
13	Spotted Deer	<i>Axis axis</i>	Male	4.10.2020	Cardio respiratory failure
14	Black Buck	<i>Antelope cervicapra</i>	Male	13.10.2020	Hemorrhagic shock
15	Black Buck	<i>Antelope cervicapra</i>	Male	22.10.2020	Hypovolemic shock
16	Black Buck	<i>Antelope cervicapra</i>	Female	26.10.2020	Ascitis and Hydropericardium
17	Spotted Deer	<i>Axis axis</i>	Female	2.11.2020	Multiorgan failure
18	Black Buck	<i>Antelope cervicapra</i>	Female	10.11.2020	Hypovolemic shock with respiratory failure
19	BlueBull (Nilgai)	<i>Boselaphus tragocamelus</i>	Male	26.11.2020	Hypovolemic shock with respiratory failure
20	Black Buck	<i>Antelope cervicapra</i>	Male	2.12.2020	Respiratory failure due to gangrenous and hemorrhagic pneumonia leading to hypovolemic shock.

21	Jackal	<i>Canis aureus</i>	Female	5.12.2020	Uremic syndrome with bilateral urinary failure associated with large kidney stones.
22	Four-horned antelope	<i>Tetraceros quadricornis</i>	Male	17.12.2020	Respiratory failure with toxemia and necrotizing myositis.
23	Black Buck	<i>Antelope cervicapra</i>	Female	21.12.2020	Cardiorespiratory failure with hydrothorax and hydropericardium syndrome
24	Black Buck	<i>Antelope cervicapra</i>	Female	06.01.2021	Cardio respiratory failure with thoracic hemorrhages
25	Black buck	<i>Antelope cervicapra</i>	Male	06.01.2021	cardio-respiratory insufficiency with circulatory failure.
26	Black buck	<i>Antelope cervicapra</i>	Male	06.01.2021	cardio-respiratory insufficiency with circulatory failure.
27	Black buck	<i>Antelope cervicapra</i>	Female	06.01.2021	cardio-respiratory insufficiency with circulatory failure.
28	Black buck	<i>Antelope cervicapra</i>	Female	31.01.2021	cardio-respiratory insufficiency with circulatory failure.
29	Sambar	<i>Cervus unicolor</i>	Male	01.02.2021	Cardio-respiratory failure due to fighting injuries in between.
30	Sambar	<i>Cervus unicolor</i>	Female	05.02.2021	Traumatic shock associated with fetal injuries in fighting.
31	Gaur or Indian bison	<i>Bos gaurus</i>	Male	11.02.2021	Cardio-respiratory failure and hypovolemic shock alongwith progressive weakness, anorexia and recumbancy due to presence of neoplastic mass in the oral nasal cavity.
32	Spotted Deer	<i>Axis axis</i>	Female	10.03.2021	Circulatory failure with hydrothorax and hydropericardium syndrome with old age.
33	Sambar	<i>Cervus unicolor</i>	Male	13.03.2021	Hypovolemic shock caused by internal bleeding in the abdominal cavity leading to circulatory collapse.
34	Black buck	<i>Antelope cervicapra</i>	Male	17.03.2021	cardio-respiratory insufficiency with circulatory failure.
35	Gaint Squirrel Malabar	<i>Rutufa indica</i>	Female	17.03.2021	Toxemia with circulatory failure.



36	Jackal	<i>Canis aureus</i>	Female	18.03.2021	Multi-organ failure with chronic renal failure and uremic syndrome.
37	Tiger Bengal	<i>Panthera tigris</i>	Female	2.12.2020	Hypo-volemic shock with cardio-respiratory failure and marked liver and kidney damage leading to circulatory collapse.
<b>Reptile</b>					
38	Tortoise Indian Starred	<i>Geochelone elegans</i>	Male	12.06.2020	Multi organ failure.
39	Marsh crocodile	<i>Crocodylus palustris</i>	Female	25.10.2020	Respiratory failure with multiorgan failure due to senility
			Male 18 Female 21		

## Compliance with conditions stipulated by the Central Zoo Authority

Sl.	Norm No. under	Condition	Time Period to Comply	Since when pending	Status with regard to Compliance of the conditions
<b>1.General Requirements</b>					
1	10. (1.2)	Leucaena species has not been removed completely. It should be replaced by appropriate tree species.	Six months	31.03.2021	The plant of Leucaena can only be removed in patches while initiating new infrastructure development work. The Leucaena plant are being removed from the site during construction work and the plant is replaced by indigenous one.
	10.1 (3)	All the pathways inside the Zoo are converted to cement concrete roads which is not desirable. There should not be any further cement concrete road construction. Instead Damar roads or brick road	Six months	31.03.2021	The condition is noted and the same would be strictly complied with
2	10.1(5)	Though the perimeter wall is two meter – high but on the southern side of the Zoo, the perimeter wall was swept away in September 2019 floods. It should be constructed immediately. Also, Nilgai exhibit parapet wall has also to be constructed.	Immedai tely	31.03.2021	Partly complied The fallen southern side perimeter wall is partially reconstructed. The parapet wall of Nilgai exhibit would be constructed while developing the enclosure for Zebra.
<b>2. Administrative and staffing pattern :</b>					
3	10.2 (1)	All the posts should have promotion avenues for their Career progression. Amendment to the PMC rules is suggested.	One year	31.03.2021	Complied The revised recruitment rules of 2014 of PMC has opened up the promotion avenues for the important positions in the zoo

<b>4. Animal housing, display of animals and animal enclosures</b>					
4	10.4 (10)	The construction work of the interpretation Centre should be expedited and equipment / display material procured to make it functional.	Six months	31.03.2021	The remaining work of Interpretation Centre would be undertaken once the adequate budgetary provision is made for the activity.
<b>5. Upkeep and healthcare of Animals</b>					
5	10.5(2)	The animal feeds though checked by the Zoo Vet should randomly be checked by independent recognized agency as well. The agreement to supply animal feed should also include a clause for the removal of leftover feed.	Six months	31.03.2021	The left over feed is removed by the supplier only. The possibility of getting the feed checked by the independent agency is being explored.
6	10.5 (8)	Deworming and Vaccination Schedule should be displayed at the enclosure gate.	Three months	31.03.2021	Complied
7	10.5 (10)	Keeper's Diary should be maintained in form prescribed by the Central Zoo Authority.	Three months	31.03.2021	Complied
<b>6. Veterinary and infrastructure facilities :</b>					
8	10.6 (1)	Dedicated refrigerator should be provided for keeping the chemical restrained drugs.	Six months	31.03.2021	Complied
9	10.6 (1)	Portable X-Ray machine should be procured.	Six months	31.03.2021	In process
10	10.6 (5)	Two post of Livestock Supervisor should be immediately filled.	Three months	31.03.2021	
<b>7. Post-mortem and disposal of carcasses of animals</b>					
11	10.7(4)	Incinerator should be provided for burning the carcasses instead of burning them in the open.	Six months	31.03.2021	In process The request proposal seeking permission to fill up the two vacant posts of Veterinary Officers, Deputy Director and Livestock Supervisor has been submitted to Maharashtra State government

9.Acquisition and breeding of animals					
12	10.9(8)	With respect to rescued Long Billed Vulture housed in the zoo, extant directives of the CZA should be complied.	Three months	31.03.2021	In process The request proposal seeking permission to fill up the two vacant posts of Veterinary Officers, Deputy Director and Livestock Supervisor has been submitted to Maharashtra State government
<b>12. Visitor Facilities</b>					
13	10.12(1)	The dispute between MTDC and PMC should be settled early and cloak room and public address system made functional.	Three months	31.03.2021	In process

## List of free living wild animals within the zoo premises

### 1. MAMMALS

SR NO	Common Name	Scientific Name
1	Brown Rat	<i>Rattus norwegicus</i>
2	Civet	<i>Paradoxurus hermaphrodites</i>
3	Hare	<i>Lepus nigricollis</i>
4	House Mouse	<i>Mus musculus</i>
5	House rat	<i>Rattus rattus</i>
6	Indian Flying fox	<i>Pteropus giganteus</i>
7	Large Bandicoot rat	<i>Bandicota indica</i>
8	Little Indian Field Mouse	<i>Mus booduga</i>
9	Mongoose	<i>Herpestes edwardsii</i>
10	Three striped Palm Squirrel	<i>Funambulus palmarum</i>

## 2. BIRDS

SR NO	Common Name	Scientific Name
1	Barn Owl	<i>Tyto alba</i>
2	Baya Weaver bird	<i>Ploceus philippinus</i>
3	Black Drongo	<i>Dicrurus macrocercus</i>
4	Blue rock pigeon	<i>Columbia livia</i>
5	Brahminy Duck	<i>Tadorna ferruginea</i>
6	Brahminy Mynah	<i>Sternus pagodarum</i>
7	Brainfever bird	<i>Hierococcyx varius</i>
8	Button quail	<i>Turnix suscitator</i>
9	Cattle Egret	<i>Bubulcus ibis</i>
10	Common Babbler	<i>Turdoides caudatus</i>
11	Common Indian Night jar	<i>Caprimulgus indicus</i>
12	Common Mynah	<i>Acridotheres tristis</i>
13	Common Quail	<i>Coturnix coturnix</i>
14	Common Snipe	<i>Gallinago gallinago</i>
15	Common teal	<i>Anas crecca</i>
16	Coppersmith Barbet	<i>Megalamia haemacephala</i>
17	Crested Serpent Eagle	<i>Spilornis cheela</i>
18	Demoiselle Crane	<i>Grus virgo</i>
19	Eurasian Spoonbill	<i>Platalea leucorodia</i>
20	Garganey	<i>Anas querquedula</i>
21	Golden Oriole	<i>Oriulus oriolus</i>
22	Great Tit	<i>Parus major</i>
23	Greater Coucal	<i>Centropus sinensis</i>
24	Green Bee-eater	<i>Merops persicus</i>
25	Grey Heron	<i>Ardeacinerea</i>
26	Grey Hornbill	<i>Ocyrceros birostris</i>
27	House Crow	<i>Corvus splendens</i>
28	House Sparrow	<i>Passer domesticus</i>
29	Indian Robin	<i>Saxicoloides fulicata</i>
30	Iora	<i>Aegithina tiphia</i>
31	Jungle Crow	<i>Corvus macrorhynchos</i>
32	Koel	<i>Eudynamys scolopacea</i>
33	Little brown dove	<i>Streptopelia senegalensis</i>
34	Little Cormorant	<i>Phlaocrocorax niger</i>
35	Little Kingfisher	<i>Alcedo atthis</i>
36	Magpie Robin	<i>Copsychus saularis</i>
37	Night Heron	<i>Nycticorax nycticorax</i>
38	Oriental White Eye	<i>Zosterops palpebrosus</i>

39	Painted Stork	<i>Mycteria leucocephala</i>
40	Paradise Fly Catcher	<i>Terpsiphone paradise</i>
41	Pariah Kite	<i>Milvus migrans</i>
42	Peafowl	<i>Pavo cristatus</i>
43	Pied Kingfisher	<i>Ceryle rudis</i>
44	Pond Heron	<i>Ardeola grayii</i>
45	Purple Heron	<i>Ardea purpurea</i>
46	Purple Moorhen	<i>Porphyriaporphyrio</i>
47	Purple Rumped Sunbird	<i>Nectarinia zeylonica</i>
48	Red Vented Bulbul	<i>Pycnonotus cafer</i>
49	Red Wattled Lapwing	<i>Vanellus indicus</i>
50	River Tern	<i>Sterna aurentia</i>
51	Rose ringed Parakeet	<i>Psittacula krameri</i>
52	Rufous backed shrike	<i>Lanius schach</i>
53	Shikra	<i>Accipiter badius</i>
54	Spotbill Duck	<i>Anas poecilorhyncha</i>
55	Spotted Owlet	<i>Athene brama</i>
56	Tailorbird	<i>Orthotomus sutorius</i>
57	Tickell's Blue flycatcher	<i>Cyornis tickellaie</i>
58	White Breasted Kingfisher	<i>Halcyon smyrnensis</i>
59	White Breasted Waterhen	<i>Amaurornis phoenicurus</i>
60	White browed Fantail-flycatcher	<i>Rhipidura aureola</i>
61	White Necked Stork	<i>Ciconia episcopus</i>

### 3. REPTILES

SR NO	Common Name	Scientific Name
1	Indian Flapshell Turtle	<i>Lissemys punctata</i>
2	Monitor Lizard	<i>Varanus bengalensis</i>
3	Chameleon	<i>Chamaleon zeylanicus</i>
4	Common Garden Lizard	<i>Calotes versicolor</i>
5	Gecko	<i>Hemidactylus frenatus</i>
6	Worm Snake	<i>Ramphotyphlops braminus</i>
7	Phipson's Shieldtail	<i>Uropeltis phipsonii</i>
8	Sand Boa	<i>Gongylophis conicus</i>
9	Earth Boa / Red Sand Boa	<i>Eryx johnii</i>



10	Common Trinket Snake	<i>Coelognathus helena Helena</i>
11	Indian Rat Snake	<i>Ptyas mucosa</i>
12	Banded Racer	<i>Argyrogena faciolata</i>
13	Slender Racer / Gunther's Racer	<i>Coluber gracilis</i>
14	Banded Kukri Snake	<i>Oligodon arnensis</i>
15	Common Wolf Snake	<i>Lycodon aulicus</i>
16	Dumeril's Black-headed Snake	<i>Sibynophis subpunctatus</i>
17	Checkered Keelback Water Snake	<i>Xenochrophis piscator</i>
18	Striped Keelback	<i>Amphiesma stolatum</i>
19	Green Keelback / Grass Snake	<i>Macropisthodon plumbicolor</i>
20	Common Cat Snake	<i>Boigatriginata</i>
21	Condanarus Sand Snake	<i>Psammophis condanarus</i>
22	Vine Snake	<i>Ahaetulla nasuta</i>
23	Brown Vine Snake	<i>Ahaetulla pulverulenta</i>
24	Common Krait	<i>Bungarus caeruleus</i>
25	Slender Coral Snake	<i>Calliophis melanurus</i>
26	Spectacled Cobra	<i>Naja naja</i>
27	Russell's Viper	<i>Daboia russelii</i>
28	Saw-scaled Viper	<i>Echis carinatus</i>
29	Bamboo Pit Viper	<i>Trimeresurus gramineus</i>

## ZOO IN NEWS

पुण. नगरी

### कोरोना प्रादुर्भावात कात्रज प्राणिसंग्रहालयातील सिंह, वाघ सुरक्षित

संचालक डॉ. राजकुमार जाधव यांची माहिती विशेष काळजी घेण्याची कर्मचाऱ्यांना सूचना

संतोष गाजरे

कात्रज : पुण्यातील कात्रज परिसरात असणाऱ्या राजीव गांधी प्राणी संग्रहालयात सध्या २ सिंह आणि ६ वाघ यांच्यासह इतर अनेक प्राणी, पक्षी, जलचर, उभयचर प्राणी आहेत. त्यांची सध्याच्या कोरोना आणि उन्हाळ्याच्या परिस्थितीत काटेकोरपणे काळजी घेतली जात आहे. येथील सर्व कर्मचाऱ्यांचे लसीकरण केलेले आहे. प्राणिसंग्रहालयात कर्मचाऱ्यांच्या वाहनांवर तसेच खाद्य घेऊन येणाऱ्या वाहनांवरदेखील फवारणी करण्यात येते. सिंह, वाघ यांची देखभाल जे कर्मचारी करतात, त्यांनी हॅन्डग्लोव्हज्, मास्क, हेड गियर्स घातलेले असते.



- हैदराबादमधील घटनेनंतर राजीव गांधी प्राणिसंग्रहालय प्रशासन सतर्क
- इतर प्राणी, पक्ष्यांबाबतही योग्य ती खबरदारी
- कर्मचाऱ्यांच्या वाहनांसह खाद्य घेऊन येणाऱ्या वाहनांवरही फवारणी
- गरम पाण्यात उकळून दिले जाते वाघ आणि सिंहांना मांस

पिंजऱ्यात प्रवेश करण्यापूर्वी विशेष खबरदारी घेतली जाते. फुटवेसर्स सोलुशनने साफ केले जातात. वाघ आणि सिंहांना देण्यात येणारे मांस हे गरम पाण्यात उकळून दिले जाते; जेणेकरून त्यावर कुठल्याही प्रकारचा कायरस राहणार नाही.

हैदराबादमधील नेहरू उद्यानातील आठ एशियाटिक सिंहांची कोरोना चाचणी नुकतीच पॉझिटिव्ह असल्याचे वृत्त नुकतेच समोर आले. बहुधा प्राण्यांच्या शरीरात संक्रमण होण्याची आणि आजार पडण्याची भारतात पहिली ज्ञात घटना असावी, असे

कोरोनाच्या पार्वभूमीवर राजीव गांधी प्राणिसंग्रहालयात योग्य ती काळजी घेतली जात आहे. सर्व कर्मचाऱ्यांना अतिदक्षतेवर काम करण्याच्या सूचना दिल्या आहेत. प्राण्यांच्या दैनंदिन हालचालीत बदल आढळल्यास त्वरित वरिष्ठांना कळवण्याचेदेखील आदेश कर्मचाऱ्यांना दिले आहेत.

- डॉ. राजकुमार जाधव, संचालक, राजीव गांधी प्राणिसंग्रहालय, कात्रज, पुणे

तज्ज्ञांचे मत आहे. त्यामुळे कात्रजच्या प्राणिसंग्रहालयात विशेष काळजी घेतली जात आहे. या घटनेनंतर केंद्रीय पर्यावरण विभागाने योग्य ती काळजी घेण्याच्या सूचना सर्व प्राणिसंग्रहालयांना दिल्या आहेत. पुण्यातील

राजीव गांधी प्राणिसंग्रहालयातदेखील योग्य ती खबरदारी घेतली जात आहे. सिंह, वाघ यांच्यासह सर्व प्राणी, पक्षी सुरक्षित आहेत, असे संचालक डॉ. राजकुमार जाधव यांनी दैनिक 'पुणनगरी'च्या प्रतिनिधीशी बोलताना सांगितले.

## PuneMirror

### Katraj zoo steps up vigil for coronavirus

/ Apr 8, 2020, 06.00 AM IST



Handlers are not being allowed to go near the animals without PPE. PIC: MAHENDRA KOLHE

**Administration writes to PMC, demands medical check-ups and screening of staff to prevent infection of captive animals**

Rajiv Gandhi Zoological Park in Katraj, a major attraction in the city, is all set to step up vigil to stop the spread of coronavirus among its animals.

The zoo's administration has written to the additional commissioner of Pune Municipal Corporation (PMC), demanding medical check-ups and screening of all its employees.



# वाघांसाठी फॉगर, कूलर

## राजीव गांधी प्राणिसंग्रहालयात वन्यजीवांचे उन्हापासून संरक्षण

पुणे : प्रतिनिधी

पुण्यात सध्या तापमानाचा पारा ४० अंशांच्या घरात आहे. जसजसा उन्हाळा वाढतोय तसतशी अंगाची लाहीलाही होत आहे. कात्रज येथील राजीव गांधी प्राणिसंग्रहालयातील प्राण्यांचीदेखील हीच अवस्था होत होती. मात्र, या प्राण्यांचे उकाड्यापासून संरक्षण करण्यासाठी संग्रहालयाकडून विविध उपाययोजना करण्यात आल्या आहेत. त्यामुळे आता या संग्रहालयात 'ठंडी... ठंडी... गर्मी का मौसम आया...!' असेच म्हणावे लागेल.

कात्रज येथील या संग्रहालयात सुमारे ६३ प्रजातीचे ४२० प्राणी आहेत. त्यामध्ये सरपटणारे प्राणी, सस्तन प्राणी, पक्षी यांचा समावेश आहे. त्यांना पाहण्यासाठी देशभरातून लाखो पर्यटक येत असतात. प्राणिसंग्रहालयाचे व्यवस्थापन वन्यजीवांसाठी आहे. यातून संग्रहालयाचे संचालक राजकुमार जाधव यांनी सांगितले की, सध्या उन्हाळ्यामुळे वातावरणाचे तापमान ४० अंश सेल्सियसपर्यंत जाऊन पोचले आहे. त्यामुळे संग्रहालयातील वायू, सिंग, विबट्या, अस्वल, हत्ती यांसारख्या प्राण्यांची विशेष काळजी घ्यावी लागते. या प्राण्यांच्या राखणीव्यवस्थेकडे कुलर आणि फॉगरची व्यवस्था केली आहे.

सरपटणाऱ्या प्राण्यांसाठी सुद्धा फॉगरची व्यवस्था करण्यात आली आहे. हत्तींना दिवसातून दोन-तीन वेळा थंड पाण्याने आंघोळ घालण्यात येते. हलिंग वर्गातील गुग्गुलूक प्राण्यांच्या खंदकाभोवती थंड पाण्याचे स्प्रिंकलर्स फिरत आहेत. त्यामुळे परिसरात हिलवळ कायम राहण्यास मदत होते. शिवाय खंदकाभोवतीचे तापमानही त्यामुळे थंड राहते.

या टिकाणी वैद्यकीय उपाययोजनांचीही व्यवस्था करण्यात आली असून, त्यासाठी पशुवैद्यकीय अधिकाऱ्यांनी, पशुवैद्यकीय पर्यवेक्षक, हेड अॅनिमल कोपर, अॅनिमल कोपर आदींचा अनुभवी चमू आहे.

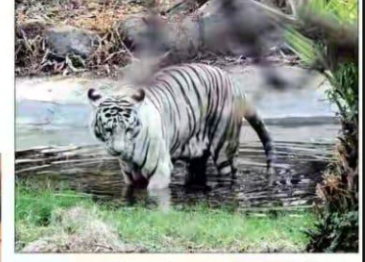
### वन्यजीवांना त्रास दिल्यास शिक्षा...

पर्यटकांनी प्राणिसंग्रहालयात आल्यानंतर येथील नियम पाठवे त्यांच्यासाठी बंधनकारक आहे. संग्रहालयात आल्यानंतर कोणत्या गोष्टी करण्यात आणि कोणत्या करू नयेत, यासंबंधीतील नियमांचे फलक संपूर्ण प्राणिसंग्रहालयात टिकटिकाणी लावण्यात आले आहेत. त्या नियमांचे पालन करण्यात यावे, असेदेखील प्राणिसंग्रहालय प्रशासनाकडून सूचित करण्यात आले आहे. वन्यजीवांना इजा अथवा त्रास देऊ नये. वन्यजीव संरक्षण कायदा कलम ३८ वे नुसार वन्यजीवांना त्रास देणे गुन्हा असून, त्यानुसार सहा महिने कारावास आणि दोन हजार रुपये दंड अशी तरतूद आहे.



खण्ड्यांसह निवाऱ्यात थांबून अंगावर थंड पाण्याचा फवारा झेलत गारव्याचा मुखद अनुभव घेणारी वाघी.

क्या कूल  
हैं हम...



उकाळा सहन न झाल्याने पाण्यात बुंबत स्वतःला 'कूल' करताना 'शेरखान'.



फॉगर सिस्टीमच्या साहाय्येने अंगावर उडणाऱ्या थंड पाण्याच्या तुषारांचा आनंद लुटणारा वाघ.



गजराजांना थंड पाण्याने स्नान घालताना प्राणिसंग्रहालयातील कर्मचारी.



हौदात सोडलेल्या थंडगार पाण्यात स्वतःला चिंब करून घेताना सर्प. (सर्व छायाचित्रे : अनंत टोले)

