



PUNE MUNICIPAL CORPORATION

Rajiv Gandhi Zoological Park & Wildlife Research Centre



Annual Report
2021-22

ZOO TIMINGS AND TARIFFS

A) BOOKING OFFICE TIMINGS

- From 1ST APRIL to 15TH JUNE – 9.30 am to 5.30 pm
(Zoo gates close at 6.30 pm)
- From 16TH JUNE to 31ST 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/- PER STUDENT
6	STILL CAMERA	RS. 50/-
7	VIDEO CAMERA	RS. 200/-
8	GUIDE (IF AVAILABLE- PER GROUP)	RS. 50/-
BATTERY OPERATED VEHICLE RATES		
9	ADULT (ABOVE 4 FEET 4 INCHES)	RS. 40/-
10	CHILD (BELOW 4 FEET 4 INCHES)	RS. 25/-

ANNUAL REPORT 2021-22



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

Website: www.punezoo.in

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Message from Municipal Commissioner

It's been great pleasure for me to present the annual report of Rajiv Gandhi Zoological Park. My tenure as Pune Municipal Commissioner began with hardship as the city had been reeling under impact from devastating Covid pandemic. The second corona virus infection wave invited catastrophic health emergency and it had been very tough to deal with such unprecedented situation. The Pune Municipal Corporation had to make enough budgetary arrangement for the health infrastructure and miscellaneous spending. The funds meant for development projects withhold and priorities of civic bodies shifted to public health. It halted the infra project of city corporation earmarked for the financial year as significant curtailment had to be made in the budgetary allocation within the civic body.

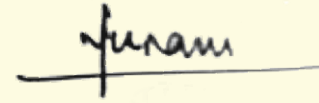


Nevertheless the financial requirements for operation and maintenance so also for the infra projects of Rajiv Gandhi Zoological Park taken care of on top priority. The major enclosure construction work identified under the phase one of zoo Master Plan finally accomplished and readied for three new species for the public display. The exhibits newly established in the zoo are with unique designs and has put glass barriers and inside of the exhibit the species is provided with naturalistic attributes. We hope it could be a major attraction for the visitors in the near future. The historical water body within the zoo has undergone eutrophication of late which needs immediate attention. The beauty of the lake established during 18th century has to be re-established and Pune Municipal Corporation seriously focussing its eco restoration plan. As a part of this major sewage line running through the zoo premises contributing water pollution replaced which would partly address the issue whereas rest of the work would be accomplished by next year.

As the execution of civil project planned out in the zoo Master Plan is being given massive boost its budgetary requirement gone up manifold. However, its been ensured the funds for the development projects not fall short and ongoing pace of up gradation of zoo do not halt. Only for the infrastructure development Rs 22 crores are allocated for the Rajiv Gandhi Zoological Park for the financial year 2022-23 as PMC foresee the development of new animal facilities like enclosure of Lion tailed macaque, Mouse deer, new reptile section etc. and important public amenities. Also few of the burning issues currently been faced are visitor circulation and crowd control management at the zoo entrance. The inadequate parking lots further worsens the problem especially on weekends it's been chaotic scenario outside the zoo.

These problem areas for the zoo are on card for its immediate redressal. We foresee to develop entrance plaza which would be equipped with classic amenities for the visitor ease which will include smart ticketing, public address system, information kiosk, souvenir shop etc. The facility would partly come up with financial aid from National Highways Authority. The extension of parking lot would help minimize parking woes. Its been planned to have exotic species for public display and enough budgetary allocation is made to import Zebras. If the things go as planned visitors can enjoy the zoo visit watching first exotic species within the zoo in the form of 'Zebra'.

With best regards.

A handwritten signature in black ink, appearing to read 'Vikram', written over a horizontal line.

(Vikram Kumar)
Commissioner
Pune Municipal Corporation

Report of the Officer-in-Charge

Dear Readers,

The financial year 2021-22 although had lots of hardship in the beginning it ended on positive notes. The unprecedented covid pandemic situation forced the authority to close down the zoo for a span of over two years. Due to the forced closure of entity it incurred huge economic losses for the zoo to the tune of around Rs 120 millions. After the covid pandemic situation brought under control and active cases of infection dropped significantly and government of Maharashtra relaxed the covid related lockdown norms which brought glimmer of hopes for the opening of zoo. The zoo finally opened for the visitors on 20th March 2022. The day one of the zoo had been very special and ecstatic for both, the visitors and zoo staffers as the visitors were welcomed offering flower bouquet. On the very first day the visitor footfall crossed the 12000 mark while the visitors appeared with lots of cheer.



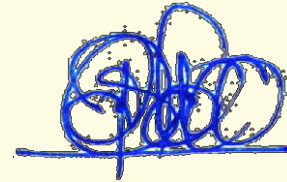
Its been great achievement for the Rajiv Gandhi Zoological Park as major milestone achieved this year in terms of infra development project within the zoo Master Plan. The four new exhibits for the species namely Jungle cat, Leopard cat, Indian Giant squirrel and Rusty spotted cat accomplished and inaugurated. Except Rusty spotted cat the rest of the three species released in the newly built exhibits for the first time for public display. This had been new addition of species display after 2017 when Asiatic lions displayed by the zoo for the first time. The facility of Indian giant squirrel established in the zoo is the first of its kind which is with provisions for the public to view the animal with ease even the specimen spots atop the logs. The exhibit has gallery above the ground for animal viewing at upper elevation where a smooth visitor circulation is ensured with staircase arrangement from both the sides. Owing to new species arrival significant rise in visitor footfall is seen since the reopening of zoo.

The other planned projects identified under the zoo master plan also given mega push. The earlier approved zoo Master (Layout) Plan amended after clearance from Central Zoo Authority which envisions to incorporate exotic fauna in the existing collection and reduce the area of current enclosures to improve visitor visibility and accommodate more number of species in a given land area. In accordance to the new Master (layout) plan newly undertaken infra projects included enclosure for Striped hyena, four horned antelope and Zebra. The completion of these enclosure constructions would enable to put three new species for public display.

The zoo sincerely put efforts for the ex situ conservation breeding of Indian giant squirrel. To boost the successfully launched project it needed to add genetic heterozygosity in the current stock of animals. I am highly indebted to Amte's Animal Ark for supporting the cause by sparing a wild caught pair of species from their collection as a gift. The newly added pair now acclimatized with the extant population of animals with the ray of hopes for future breeding. The stock of Royal Bengal tiger also warranted infusion of new blood line to the present population. An animal exchange program successfully executed with Sidharth zoo Aurangabad where a pair of tiger procured in exchange of pair of Nilgai from this zoo. Further zoo left with no Marsh crocodile in the stock after the death of earlier specimens owing to senility. Mahatma Gandhi zoo solapur helped us to restock the species gifting pair of animals from their collection.

The zoo foresee to add exotic fauna in a phased manner to bring in diversity for the public display. A budgetary allocation is made to have three pairs to be procured through import process from overseas zoos. My sincere thanks to incumbent Municipal Commissioner of civic body Shri Vikram Kumar for his keen interest in the affairs of zoo and providing financial support for better operations and maintenance and speedy development of zoo. If things goes well in line with the plan chalked out for the year we can expect Zebra, the first ever exotic mammal species in the Rajiv Gandhi Zoological Park.

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 focussed.

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 14th 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 wildlife 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 behavioural 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 bio diversity 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, behaviour and enrichment
- Inculcating the sense of responsibility towards the society through the need based educational programme focussing 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

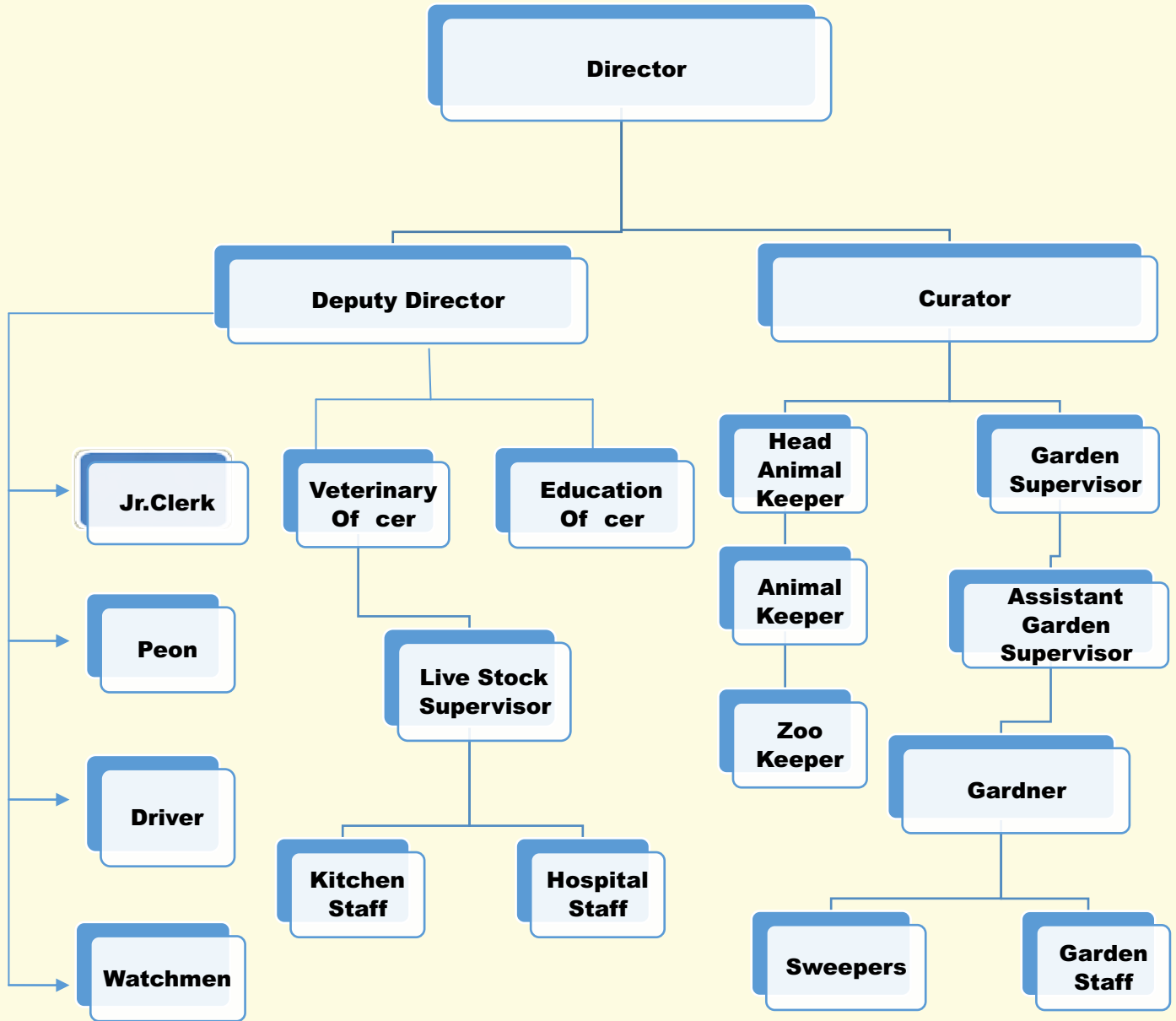
Sr. No.	Particulars	Information
Basic Information about the Zoo		
1	Name of the Zoo	Rajiv Gandhi Zoological Park & Wildlife Research Centre
2	Year of Establishment	1999
3	Address of the Zoo	Pune- Satara Road, In front of Katraj Dairy. Pune- 411046
4	State	Maharashtra
5	Telephone Number	020-24367712
6	Fax Number	020-24367712
7	E-mail address	rajivgandhizoo@punecorporation.org
8	Website	www.punezoo.gov.in
9	Distance from nearest	Airport: 19 Km Railway Station: 11.5 Km Bus Stand: 5.4 Km
10	Recognition Valid upto (Date)	19thAugust 2022
11	Category of zoo	Medium
12	Area (in Hectares)	51.83 Hectares
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	1) Drinking water points 2) Toilets and Sit outs 3) Battery operated vehicles 4) Wheel chairs for handicapped 5) Public address system at entrance 6) Information signages
15	Weekly Closure Day of the Zoo	Wednesday
Management Personnel of the zoo		
16	Name with designation of the Officer in-charge	Dr. Rajkumar Jadhav, Director
	Name of the Veterinary Officer	Dr. Suchitra Suryavanshi Patil
	Name of the Curator	Vacant
	Name of the Biologist	Vacant (post not sanctioned)
	Name of the Education Officer	Mrs. Ashwini Yadav
	Name of the Compounder/ Lab Assistant	Sh. Manoj Jadhav

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



Organizational Chart



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	Educational Officer	1	Smt. Ashwini Yadav
6	Live Stock Supervisor	2	1.Sh. Manoj Jadhav 2.Sh. Govind Wade
7	Assistant Live Stock Supervisor	2	Vacant
8	Head Animal Keeper	2	1. Sh. Kaushik Kashikar 2. Sh. Shamrao Khude
9	Animal Keeper	2	Vacant
10	Deputy Superintendent	1	Vacant
11	Senior Clerk	1	Sh.Sunil Bhate
12	Junior Clerk	3	1 Sh.Rushikesh Dhonge 2 Smt. Sapna Dasre
13	Peon	3	1. Sh. Deepak Rahurkar 2. Smt. Shamla Vaidya
14	Painter decorator	3	Vacant
15	Mahout	1	Tajjudin Mahat
16	Assistant mahout	1	Vacant
17	Driver	1	1. Sh. Aba Khade 2. Sh. Madhukar Jaikar
18	Bigari	42	1. Sh. Swapnil Sasar 2. Sh. Durvesh Naik 3. Sh. Dyaneshwar Katurde
19	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

			08. Sh. Maruti Salunke
			09. Sh. Sandeep Raikar
			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. Swapnil Bhokre
			18. Sh. Dattatray Chavan
20	Security Guard	24	1. Sh. Satish Hulge
			2. Sh. Ramesh Kadbane
			3. Sh. Ashok Dimbale
			4. Sh. Anil Wanve
			5. Sh. Popat Pokale
			6. Sh. Dinesh Mane
			7. Sh. Sonba Benkar
21	Mali/ Gardener	1	Sh. Ganesh Shinde
22	Bigari	4	1. Smt. Shobha Jadhav
			2. Smt. Shalini Shendge
			3. Sh. Tanaji Pagade
			4. Sh. Raju Shelar
			5. Smt. Durga Jagtap

*Please give abovementioned information in respect of all zoo personnel, from the Officer in-charge upto 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 organizer Institution
1	Dr. Rajkumar Jadhav Director	National Conference for the zoo Director's	10.10.2021 11.10.2021	Central Zoo Authority New Delhi



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. Neelimkumar 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

a. 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. FirozKhambata, 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 (2021-22)

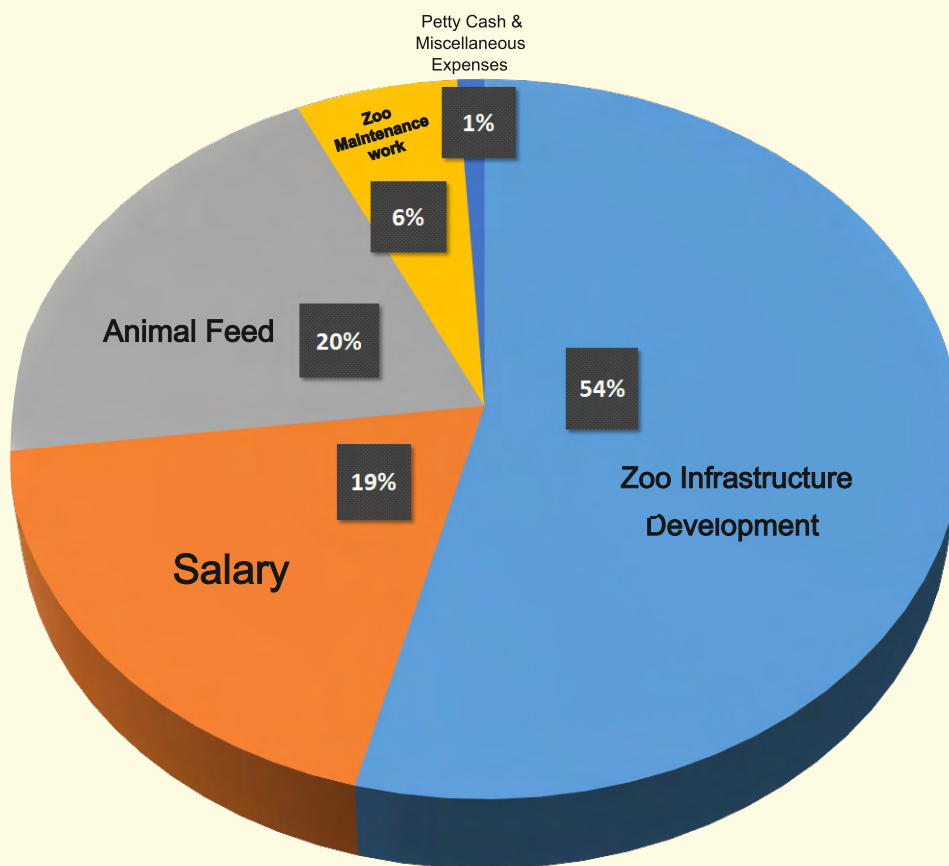
- Due to covid pandemic zoo remained closed from 1st April 2021 till 19th March 2022 . The daywise revenue data is from 20th March till 31st March 2022

Day March 2022	Total revenue from entry ticket(Rs.)	Total revenue from BOV ticket(Rs.)
20	447690	9150
21	131810	4810
22	125030	6535
23	60420	4205
24	154750	7765
25	128120	6400
26	314060	8060
27	570280	8810
28	139100	7700
29	123290	6225
31	146980	6800
Total	2341530	76460

B) Expenditure Data**Annual expenditure in the year 2021-22**

Sr. No.	Particulars	Expenditure(Rs.)
1	Zoo Infrastructure Development	5,01,05,141
2	Salary	1,96,25,420
3	Animal Feed	1,52,39,921
4	Animal Medicine	3,53,236
5	Animal Transportation	89,617
6	Zoo Maintenance work	40,07,974
7	Petty Cash & Miscellaneous Expenses	2,95,563
8	Maintenance of snake park and Rescue centre	91,18,523
	Total Expenditure	9,88,35,395

Annual Expenditure in 2020-21



Daily feed Schedule of animals

Sl. No.	Species	Feed item	Quantity		Day of fasting
			Winter	Summer	
MAMMAL					
1	Spotted Dear (87)	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 (29)	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 (17)	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	100 gm		
		Salt	30 gm		
Mineral Mixture	80 gm				
5	Black Buck (36)	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 (11)	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 (5)	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 (2)	Lucern Grass	25 Kg	
		Spinach	1.5 Kg	
		Beat root	10 Kg	
		Carrot	30 Kg	
		Wheat Bran	04 Kg	
		Moth bean	400 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 (16)	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 (9)	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.		
14.	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		
15.	Asiatic Lion (02)	Chicken	4.5 Kg		
		Beef	11 Kg		
		Calcium powder	44 gm		
16.	Royal Bengal Tiger (6)	Chicken	14 Kg		
		Beef	14 Kg		
		Calcium powder	150 gm		
17.	Leopard (03)	Chicken	2 Kg		
		Beef	3 Kg		
		Calcium powder	20 gm		
18.	Indian Wolf (01)	Chicken	500 gm		
		Beef	1 kg		
		Dog Food	150 gm		
		Calcium powder	6 gm		
19.	Jackal (02)	Chicken	500 gm		
		Beef	500 gm		
		Dog Food	200 gm		
		Sugar Cane	4gm		
		Calcium powder	500 gm		
20	Jungle Cat (13) Leopard Cat (02)	Chicken	2.4 kg		
		Beef	2.4 kg		
		Calcium powder	35 gm		
REPTILE					
21	Crocodile Marsh (1)	Chicken	12 Kg		Weekly
22.	Gharial (2)	Fish	4 Kg		Weekly
23.	Python Indian Rock (4)	Gunea Pig	25 No.		Weekly
24.	Turtle Indian Flap Shelled (3)	Fish/Chicken Kheema	3 No./ 300 gm		Weekly
25	Indian Roofed Turtle (3)	Fish/Chicken Kheema	300 gm		Weekly
26	Cobra Indian (10)	Mice	40 No.		Weekly
27	Cobra King (2)	Rat	8 No.		Weekly
28	Lizard Monitor (3)	Mice	3 No.		Weekly
29	Snake Rat (15)	Mice	75 No.		Weekly

30	Keelback Checkered (27)	Live fish	100 No.		Weekly
31	Viper Russell's (5)	Mice	10 No.		Weekly
32	Python Reticulated (2)	Gunea pig	15 No.		Weekly
33	Keelback Striped (2)	Fish/ Chicken	2 No./ 500 gm		Weekly
34	Boa Common Sand (4)	Mice	8 No.		Weekly
35	Boa Red Sand (4)	Mice	8 No.		Weekly
36	Cat snake Common (2)	Mice	8 No.		Weekly
37	Keelback Green (3)	Mice	3 No.		Weekly
38	Krait Common (3)	Mice	3 No.		Weekly
39	Kukri Banded (2)	Mice	2 No.		Weekly
40	Racer Banded (4)	Mice	4 No.		Weekly
41	Snake Trinket (4)	Mice	4 No.		Weekly
42	Snake Wolf (4)	Mice	4 No.		Weekly
43	Tortoise Indian Starred (14)	Mixed Vegetables	3.75 Kg		Daily
44	Tortoise Elongated (1)	Mixed Vegetables	250 gm		Daily
45	Viper Saw Scaled (4)	Mice	4 No.		Weekly
46	Indian Pond Terrapin (3)	Fish/ Chicken Kheema	300 gm		Twice a week
47	Viper Bamboo Pit (2)	Mice	2 No.		Weekly
48	Terrapin Spotted River (10)	Fish/ Chicken Kheema	1 Kg		Twice a week
49	Iguana (1)	Mixed Vegetables	250 gm		Daily
50	Red Eared Terrapine (14)	Fish/Chicken Kheema	1.4 Kg		Twice a week
=====					BIRD
51	Peafowl (9)	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.		
52.	Long Billed Vulture (02)	Chicken	05 Kg		Thrice a week
53.	Eagle Crested Serpent (1)	Mice	15 No.		Thrice a week
54.	Eagle Tawny (1)	Mice	15 No.		Thrice a week
55	Great Horned Owl (1)	Mice	15 No.		Thrice a week
56	Barn Owl (2)	Mice	15 No.		Thrice a week
57	Kite Pariah (4)	Chicken	300 gm		Thrice a week
58	Brown Fish Owl (1)	Mice	15 No.		Thrice a week
59	Falcon Laggar (1)	Mice	10 No.		Thrice a week
60	Shikra (2)	Mice	15 No.		Thrice a week
61	African Grey Parrot (1)	Ground nut	100 gm		

		Mixed fruit	100 gm
		Coriander Leaves	50 gm
		Sprouts	50 gm
		Parrot Food	50 gm
62	Amazon Parrot (1)	Ground nut	100 gm
		Mixed fruit	100 gm
		Coriander Leaves	50 gm
		Sprouts	50 gm
		Parrot Food	50 gm
63	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>Leptospiracanicola</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>Leptospiracanicola</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 Septicemia, Black Quarter	RakshaTriovac 2 ml/ animal	Annually
9	Nilgai	Foot & Mouth Disease, Haemorrhagic Septicemia, Black Quarter	RakshaTriovac 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.Slayworm Tab. Easypet Tab.Wormtrap Tab. Kiwof plus XL	April August November March
2	Leopard	Tab.Slayworm Tab. Easypet Tab.Wormtrap Tab. Kiwof plus XL	April August November March
3	Asiatic Lion	Tab.Slayworm Tab. Easypet Tab.Wormtrap Tab. Kiwof plus XL	April August November March
4	Indian Wolf	Tab.Slayworm Tab. Easypet Tab.Wormtrap Tab. Kiwof plus XL	May August November March
5	Jungle Cat	Tab.Slayworm Tab. Easypet Tab.Wormtrap Tab. Kiwof plus XL	May August November March
6	Leopard Cat	Tab.Slayworm Tab. Easypet Tab.Wormtrap Tab. Kiwof plus XL	May August November March
7.	Jackal	Tab.Slayworm Tab. Easypet Tab.Wormtrap Tab. Kiwof plus XL	May August November March
8.	Sloth Bear	Tab.Slayworm Tab. Easypet Tab.Wormtrap Tab. Kiwof plus XL	April August November March
9	Elephant	Pow. Panacur Bol.Hitek MINTHAL bol. Pow. Panacur	April August November March
10	Spotted deer	Pow. Panacur Bol.Hitek MINTHAL bol. Pow. Panacur	April August November March
11	Sambar deer	Pow. Panacur Bol.Hitek MINTHAL bol. Pow. Panacur	April August November March
12	Barking Deer	Pow. Panacur Bol.Hitek MINTHAL bol. Pow. Panacur	April August November March

13	Indian gaur	Pow. Panacur Bol.Hitek MINTHAL bol. Pow. Panacur	April August November March
14	Nilgai	Pow. Panacur Bol.Hitek MINTHAL bol. Pow. Panacur	April August November March
15	Black Buck	Pow. Panacur Bol.Hitek MINTHAL bol. Pow. Panacur	April August November March
16	Chinkara	Pow. Panacur Bol.Hitek MINTHAL bol. Pow. Panacur	April August November March
17.	Four Horned Antelope	Pow. Panacur Bol.Hitek MINTHAL bol. Pow. Panacur	April August November March
18	Rhesus Monkey	Pow. Panacur Bol.Hitek MINTHAL bol. Pow. Panacur	April August November March
19.	Bonnet Monkey	Pow. Panacur Bol.Hitek MINTHAL bol. Pow. Panacur	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 method	Frequency of and disinfection
1	Royal Bengal Tiger	Nighthouse / Feeding Cubical Water body	Liq..Germiklean Bleaching powder Pot. Permanganate	Daily Fortnightly Weekly
2	Leopard	Nighthouse / Feeding Cubical Water body	Liq.. Germiklean Bleaching powder Pot. Permanganate	Daily Fortnightly Weekly
3.	Asiatic Lion	Nighthouse / Feeding Cubical/ Water body	Liq.. Germiklean Bleaching powder Pot. Permanganate	Daily Fortnightly Weekly
4.	Sloth Bear	Nighthouse / Feeding Cubical Water body	Liq.. Germiklean Bleaching powder Pot. Permanganate	Daily Fortnightly Weekly
5.	Primates	Nighthouse / Feeding Cubical Water body	Liq.. Germiklean Bleaching powder Pot. Permanganate	Daily Fortnightly Weekly
6.	Birds	Nighthouse / Feeding Cubical Water body	Liq.. Germiklean Bleaching powder Pot. Permanganate	Daily Fortnightly Weekly

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

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	10.02.2022	
2	Dr.Suchitra suryavanshipatil	Veterinary officer	30.03.2022	
3	Mr.Manoj Jadhav	LiveStock Supervisor	30.03.2022	
4	Mr.Govind Vade	LiveStock Supervisor	16.03.2022	
5	Mr.Kaushik Kashikar	Head animal keeper	23.02.2022	
6	Mr.Shamrao Khude	Head animal keeper	29.03.2022	
7	Mr.Sandip Raikar	Zoo Bigari	21.01.2022	
8	Mr.Datta Chandane	Zoo Bigari	01.01.2022	
9	Mr.Siddarth N. Nanaware	Zoo Bigari	10.03.2022	
10	Mr.Ramchandra Gite	Zoo Bigari	29.03.2022	
11	Mr.Sham Karde	Zoo Bigari	31.03.2022	
12	Mr.Anil Raundale	Zoo Bigari	4.03.2022	
13	Mr.Swapnil Bhokare	Zoo Bigari	16.03.2022	

Development Works carried out in the zoo during the year

Completion of enclosure for lesser cats and Giant Squirrel:-

The long awaited completion of exhibits for lesser cat and Indian giant squirrel finally come into reality. All the four exhibits for the species namely Jungle cat, Leopard cat, Rusty spotted cat and Giant squirrel given final touch to be readied for the animal release. The exhibit designs are of its kind which ensures possible attributes therein which species prefers in its natural habitat. For the first time in the zoo any animal exhibit is being erected with toughened glass for the uninterrupted



viewing of animals. The visitors would surely keep enjoying the animals within the new facility. Except Rusty spotted cat the zoo has rest of the three species which would be the new attraction .

Enclosure work of Asiatic lion:- Until 2022 Asiatic lions could be displayed in the existing white tiger enclosure as the species had not been provided separate facility. The construction of enclosure admeasuring around 2500 sq. mater began recently however the work could not be



accomplished due to financial constraints. The remaining project work restarted and the same will be taken up to the completion stage. The project would be completed probably by the end of next financial year. Asiatic lions then shifted for public display.

Enclosure work of Stripped hyena:- The striped hyena is one of the species from zoo's approved animal collection plan. The Master (layout) plan of the zoo got amended in 2020 which envisage the parting of large sized enclosure to accommodate more number of species in the available land area and in line with stated CZA norms. Its been proposed to divide the Grey wolf enclosure into two



sections to establish exhibit for both Grey wolf and Striped hyena. The latter allotted a paddock area of around 1500 sq. mater. in southern periphery. The newly coming up exhibit will be with separate night house and partition wall between the species.

The Hyenas can be a likely addition for public display in the third quarter of coming year. Apart from usual features of typical exhibits this facility will be with additional component of viewing gallery for the visitor comfort where the three species can be viewed from the spot.

Enclosure for Four horned antelope :- The Four horned antelope enclosure is coming up splitting Blackbuck enclosure sparing enough space for both the species as existing facility is electively large for the single species like Blackbuck. The Four horned antelope facility finds space between Blackbuck and Hyena and roughly measures 1600 sq. Mtr. There it requires only partition wall and holding cages, the construction for the required structure began which would also be readied by the end of this financial year. For the first time Hyena would be open for the public display in the new moated enclosure.



Enclosure for Zebra :- The Grant's Zebra got newly incorporated in the amended animal collection and Master (layout) plan of zoo. The Zebra acquisition put up on a top priority and decision to establish an enclosure for the species made out. The new exhibit coming up just modifying the earlier Four horned antelope enclosure where the species would be with new spacious night house and modified perimeter wall. The construction work began in the last quarter of the year and likely to accomplish by the March 2023.



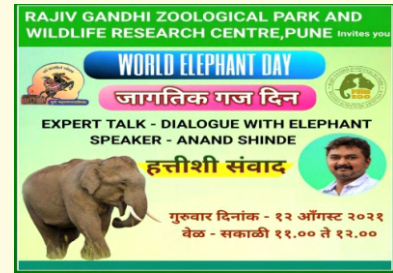
Education and Awareness programmes during the year 2020-21

World environment day (5th June 2021) :- World Environment Day always remains special event for the zoo wherein zoo authority come up with nature friendly activities with schools, colleges and local public representatives. However this year also covered pandemic restrictions forced us to have event celebration without the large assembly of students and visitors in the vicinity. Like previous year this time too zoo focussed restricted format of celebration. As a part of the activities being celebrated every years on the day a plantation drive planned out around few enclosures within the zoo premises. In line with the extant covered pandemic regulations the zoo staffers geared up for the plantation activity across the stretches where vegetation density appeared poor. The area along the leopard cage and sloth bear enclosure had been targeted this time around. The plantation with indigenous species of saplings carried out with loads of fun for the zoo staff. In the second half of the day an expert talk by environmentalist Dr. Sachin Punekar was organized through virtual platform and the event was open for the students and environment enthusiasts. He highlighted the bio-diversity in Maharashtra and touched upon various threats to the varied components within it and responsibility of every individual towards protection and conservation of floral and faunal diversity.



World Elephant Day -

World Elephant Day is globally observed on 12th August each year to raise awareness about the plights of elephants across the world. The day aims at highlighting the various aspects related to conservation and protection of elephants from the threats the species is currently facing. We at Rajiv Gandhi Zoological Park celebrate the occasion with great enthusiasm with employees and students from schools and colleges. Needless to mention due to coved pandemic, closure of zoo didn't allowed us much to celebrate. However our staff could not stop themselves from spending great time with our adorable elephants Mira and Janki. The staff of zoo came up with idea of making arraignment of fruits resembling cake for the species. The Veterinary staff, Mahout, zoo keepers, security personnel assembles at elephant facility and



posed for the photography with the two. Mahout was the key personnel at occasion passing the command for elephants to pose and vocalize just to embellish the event. Moreover an expert talk by Shree Anand Shinde, the elephant expert was organized through virtual platform for the students and wildlife enthusiasts to sensitize the audience on behaviour related issues of elephant.

Wildlife Week (1st - 7th October 2021)

REPORT OF WILDLIFE WEEK 2021

Wildlife week always been special educational event celebrated every year in the first week of October with participation of schools and colleges to promote the cause of wildlife conservation. Rajiv Gandhi Zoological Park makes enough budgetary allocation to have a grand celebration of event involving students and visitors across the Pune city. The zoo has inventory of schools and colleges who enthusiastically participates in the educational programs of the zoo throughout the year. Those schools who are regular entrants of the events remains well prepared in advance before the program begins. The event is always centred at infusing sense of wildlife conservation and creating empathy towards the wildlife among the students. To have this achieved the zoo comes up with schedule of meaningful and fascinating competition for the students of different academic standards. Besides the competitions the informative talks and interactive sessions cankering wildlife themes also are the part of wildlife week. Its a kind of event opening tremendous opportunity to reach out to educational entities to spread out wider message of conserving wildlife and bio diversity. We sensibly keep the interest of students overwhelmed by awarding participants and winners with trophies as

of appreciation. In the recent years wildlife week has earned huge popularity among the students from different schools across the Pune.

Like previous year this wildlife week was no different as the event could not celebrated physically in the presence of students. All the week long activities of the event organized through virtual platforms. Albeit students massive participation observed this year also. The week had planned with schedule of programme which included Drawing competition, Poetry Competition, Elocution Competition, Wildlife Quiz competition, all the activities through virtual mode. Over 500 students from different schools across the city registered their participation to make this event a grand success. The winners of competitions were distributed certificates as a small token of appreciation. Even though this time also zoo got into online events with students, all competition held smoothly and helped us disseminate message of wildlife conservation to some extent.

Important Events and Happenings

1. **Inauguration of Lesser cat and Indian Giant squirrel enclosures :-** The long

pending enclosure construction of lesser cats and Indian giant squirrel finally accomplished imparting finishing touch to the erected structure. The animal release programme decided Inaugurating the project inviting dignitaries for the occasion. Sh. Raj Thackeray the Chief of Maharashtra Navnirman Sena invited as Chief guest for the inaugural ceremony. On 23rd August 2021 the new project inaugurated in the presence of Sh. Raj Thackeray and Sh.Murlidhar Mohol, the Mayor of Pune. Among other dignitaries the standing committee chairman Sh.Hemant Rasne, Additional Municipal Commissioner Dr.Kunal Khemnar, Chief Garden Superintendent Sh.Ashok Ghorpade, local corporation Sh.Vasant More were also present to grace the occasion.



2. **Release of animals in newly constructed display**

facility: - Although the new animal facility readied for the public display by August 2021 the animals were not released until March 2022. It is only after the decision from Pune municipal Corporation to open the zoo, the animals were shifted to display facility. A pair of Leopard cat, Jungle cat and Indian giant squirrel each shifted from rescue centre and released to newly constructed animal cages on 19th March 2022.



3. Opening of zoo after covid pandemic:- Due to unprecedented mayhem of covid pandemic spread across the country, all public places including the zoos were shut for public. Rajiv Gandhi Zoological Park had to be closed from 14th March 2020 as per the government order and remained closed throughout the pandemic period. Until complete normalcy restored and daily positivity rate of infection significantly reduced, civic authority decided not to open the zoo for the visitors. It is only after the disease brought under control with vaccination programme in full swing, the decision to open up the zoo was taken up by Pune Municipal Corporation. The zoo doors finally opened to visitors on 20th March 2022 after a long span of over two years. The visitors welcomed by the zoo staffers offering them a flower bouquet. The day of opening the zoo observed the footfall of over 12000 visitors.



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

To commemorate 75 years of country's independence Government of India decided to conduct various activities under the banner of 'Bharat ka Amrutmahotsav. Under this drive Central Zoo Authority is focussing programme titled 'conservation to co-existence people's connect" which aims to spread conservation awareness about 75 indigenous species, by 75 zoos for 75 weeks. As per the schedule of CZA and species of focus for the week from 29th March till 4th April "Indian Giant Squirrel"

Date & Time	Activities
29th March 2021, 10:00 am to 12:00 pm	Inauguration by Chief Guest, Chief Executive Officer, Rajiv Gandhi Zoological Park & Wildlife Research Centre, Pune Municipal Corporation.
30th March 2021, 10:00 am to 12:00 pm	Workshop on Giant Squirrel for expert talk by Dr. Anand Kulkarni.
31st March 2021, 10:00 am to 12:00 pm	Workshop on Giant Squirrel for expert talk by Dr. Anand Kulkarni.
1st April 2021, 10:00 am to 12:00 pm	Workshop on Giant Squirrel for expert talk by Dr. Anand Kulkarni.
2nd April 2021, 10:00 am to 12:00 pm	Workshop on Giant Squirrel for expert talk by Dr. Anand Kulkarni.
3rd April 2021, 10:00 am to 12:00 pm	Workshop on Giant Squirrel for expert talk by Dr. Anand Kulkarni.
4th April 2021, 10:00 am to 12:00 pm	Workshop on Giant Squirrel for expert talk by Dr. Anand Kulkarni.

was taken up to disseminate conservation awareness about the species which is state animal of Maharashtra. The Giant squirrel week began with inauguration of newly established execute breeding facility of Indian giant squire 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 program. Last day of the week observed concluding ceremony wherein winners participated in the competitions announced and acknowledged.

5. Visit of Local Member of lower assembly: -

The Member of Lower Assembly representing local Khadkwasla constituency Mr. Bhimrao Tapkir visited the zoo to oversee the ongoing infrastructure development within the zoo. He also took a stock of situation with regard to zoo security and staff strength required for day to day work of the zoo



6. Animal exchange programe with Aurangabad zoo:-

During covid pandemic while zoo remained shut for the visitors, the infra development and animal procurement kept on in full swing. After the inclusion of white tigress of late it was further necessary to augment the number of tigers in the existing stock. The zoo got into animal exchange programme with Sidharth Garden and zoo, Aurangabad for the purpose and spared pair of Nilgai in exchange of pair of tigers from the Aurangabad. Animals safely transported to and fro from Pune to Aurangabad by the team of Rajiv Gandhi Zoological Park on 14th August 2021.

7. Boost to the ex situ conservation breeding program:-

Rajiv Gandhi Zoological Park has a role assigned by Central Zoo Authority as a participating zoo under the ex-situ conservation breeding program for Indian Giant Squirrel. The zoo right from beginning struggles for having genetically healthy founders for the sustainable ex-situ breeding program of the species. Amte's Animal Ark requested for the support by sparing surplus stock of the animals for the breeding purpose. Amte's as usual this time also not turned the request down and generously consented for the gift of pair to Rajiv Gandhi Zoological Park. The pair of adult rescued Indian Giant Squirrel transported by team Rajiv Gandhi Zoological Park on 22nd October 2021.



Veterinary Section:-

1. Babesiosis in female Leopard :-

Babesiosis in large felids had been reported of late at Rajiv Gandhi Zoological Park with fairly good success rate of recovery after treatment. Although Bengal tiger population in the zoo had few reports of infection with Babesia, the haemo protozoal organism; the infection in the other species of felid is detected for



the first time. One of the three adult female Leopards of the zoo had signs of

anorexia, listlessness, reluctance to move and passing coffee coloured urine. The animal was subjected to detailed clinical examination which revealed high rise of body temperature over 105° F. The blood samples collected for Haemato-biochemical analysis revealed animal infected with Babesia organism with mild alteration in the haematological parameters. The treatment initiated with Primaquin phosphate, the drug found effective in eating feline Babesiosis. Primaquin phosphate @ 1mg/kg orally for three days along with supportive therapy of multivitamins, intravenous fluid and haematinics resulted in complete recovery of animal. From the day fifth animal restored its appetite and activity improved to normal. The blood smear examination later also found negative for the parasite. On ensuring complete recovery, animal released in the enclosure exhibit facility for public display.

2. Death of tigress Priyadarshini:- This year zoo lost important specimen from the big cat family to old age. A white tigress Priyadarshini died on 1st October 2021 after having age related health complications. The female had been one of the best animal among the felids for public display. The tigress was put off from public display for many years as the animal had long standing musculoskeletal ailments beyond recovery. However the conservative treatment modalities worked well to impart symptomatic relief from the manifestations of the health issue. Priyadarshini was one of the longest lived tigers of the zoo and animal was 21 when it breathed its last.



Seasonal special arrangements for upkeep of animals

Summer Management .

1. To counter the summer stress fogger system is made available in the Day Kraal section of Asiatic lion enclosure, Bengal tiger enclosure, Sloth bear enclosure and Leopard enclosure where animals fed inside the holding cages. The fogger system is also established in all the bird aviaries which included the species like Peafowl, Long billed Vulture, Shikra and Kite.
2. Air coolers and fans are provided in enclosure night cubicles of many species which include Sloth bear, Leopard, Asiatic lion, Bengal tiger, Leopard cat, Jungle cat, Indian giant squirrel and ex situ breeding facility,
3. Wallowing pond is established in sambar exhibit.
4. Elephants are given cold water bath twice a day. Also, the species has been provided with facility of small water pool for swimming.
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 enclosure night cubicals of carnivores over which dry grass is scattered to create enough warmth.
2. In the resting sheds of ungulates dry grasses are spread on flooring to act as source of heat.
3. In the reptile houses blankets and heaters are placed in isolated spots in adequate numbers to be used by the animals based on the variations in the ambient temperature and animals biological need.



Research Work carried out and publications

Rajiv Gandhi Zoological Park and wildlife research centre is home to 63 species of wildlife including mammals, birds and reptiles. From last decade this zoo works in collaboration with Krantisinh nana Patil college of veterinary science, Shirval for various research activities, conservation breeding programmes, training for the vet interns. A post graduate research work of student from KNP college veterinary science titled 'Prevalence of Helminthic infections in zoo animals in Western Maharashtra' was being supported from the zoo

Confined areas in zoo enclosure makes captive animals more prone to different parasitic infections despite proper attention to feeding, upkeep and maintenance of hygiene 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. A post graduate thesis work was assigned by K.N.P college of veterinary science entitled, "Prevalence of helminthic infections in zoo animals in Western Maharashtra". The part of the work was conducted in the other zoo while most of the research carried out at Rajiv Gandhi Zoological Park.

The objective of post graduate thesis work is

Objective:

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 de-worming of animals. The parasitic examinations and methodology performed for faecal sample analysis are namely

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

The present study was designed from January to October 2021. The prevalence of gastrointestinal parasites were observed in three different seasons - winter, summer and monsoon. The total no. 150 samples collected in three different season. The prevalence of parasites in mammals (10.9%) and birds(7.3%) observed highest during the monsoon. The overall prevalence of eggs/oocytes of parasites in mammals was found to be 21.40%,

while in birds it was 18.80%. The gastrointestinal parasites observed in the study in herbivores were *Strongyloides* spp in Gaur and Blackbuck, in Chinkara and *Balantidium coli* in Nilgai. In carnivores *Balantidium coli* in Lion and *Strongyles* eggs in Hyaena, while in omnivores *Balantidium coli* in Macaque and *Strongyles* in Indian giant squirrel. In reptiles mainly *Strongyles* in python and *Balantidium coli* in Star back tortoise detected. The most common parasites found in birds were *Ascaridia galli* in peafowl and African grey parrot, *Capillare* in Long billed vulture and Great horned owl. The animals kept in herds showed higher prevalence of 33.3% in comparison to birds 18.8 % and individually housed animals 9.72%. During the study period of intensity of parasitic infections were also noted. In the monsoon the intensity recorded pre-treatment had been 183.9 ± 16 . and after 14 days post treatment 55.30 ± 11.30 . The pre-treatment EPG recorded in herbivore was moderate 50-100 and highest EPG was recorded in carnivore i.e 100-250. In winter and summer season the pre-treatment and post treatment mean EPG observed was 156 ± 13 and 20 ± 6.40 respectively.

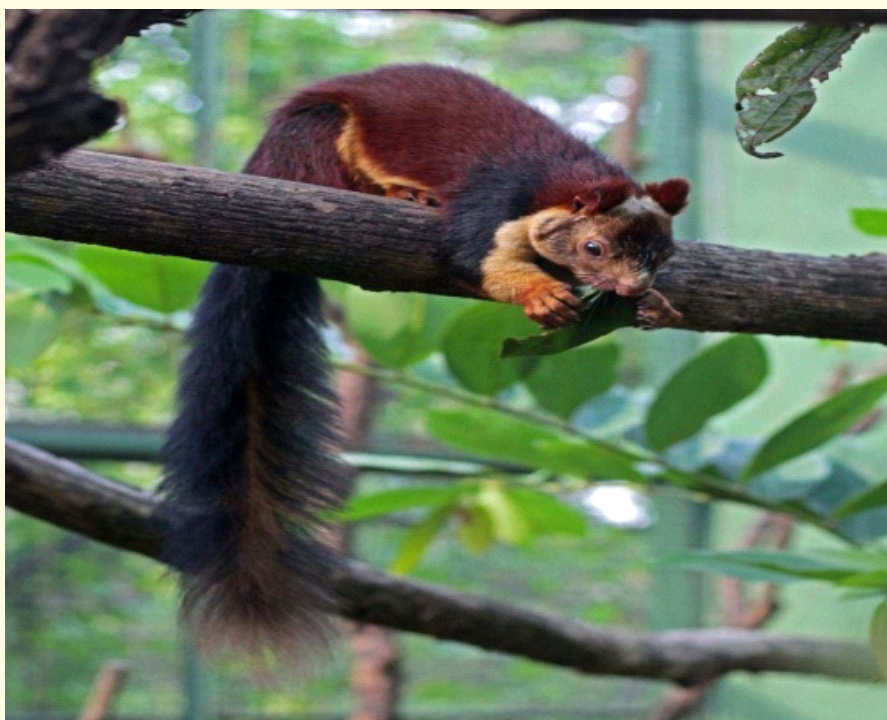
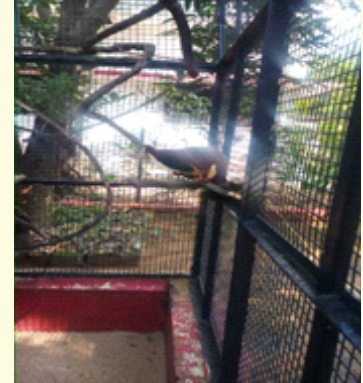
The therapeutic management had been carried out once during each season after 14 days.

In the herbivores Fenbendazole @ 5mg/kg body wt., for carnivores and reptiles Praziquantel 50mg + Pyrantel embonate @ 1tab /10 /kg body weight once had been given. The highest reduction in the faecal count detected in the monsoon up to 88.8% followed by winter 70.60% and summer 44.7%.



Conservation Breeding Programme of the Zoo

Rajiv Gandhi Zoological Park has been identified as a participating zoo for the ex situ breeding of Indian Giant Squirrel. Albeit this entity is actively playing the role of coordinating zoo. Since 2017 the zoo successfully bred the species in captive facility and five births of the healthy young ones reported until 2021. Thereafter all mandatory steps are being taken to have sustainable conservation breeding programme of the species by the zoo. The zoo has constructed standard housing facility in the off display stretch within the premises wherein every care is being taken to ensure the species is provided with every attributes which it prefers in its natural habitat. However in the 2022 no birth is reported among the conspecific as we lost the breeding female. It was exigently required to have inclusion of breeding founders to take up the cause ahead. Our efforts were on for the procurement genetically heterozygous founders from other zoos. This time also courtesy Amte's Animal ARK who on our request generously gifted pair of Indian Giant Squirrel to boost the breeding program of the species.



Animal acquisition / transfer / exchange during the year

A Animals arriving in the Zoo					
	H.NO	Species	Number (M:F)	From which Zoo	Date of arrival in the zoo
1		Tiger Bengal	01 M 01 F	Sidharth Zoo and Garden, Aurangabad, Maharashtra	14.08.2021
2		Indian Gaint Squirrel	01 M 01 F	Amte's Animal Ark, Gadchiroli Maharashtra	22.10.2021
3		Marsh Crocodile	01 M 01 F	Mahatma Gandhi Zoo, Solapur, Maharashtra	19.12.2021
B Animals going from the zoo					
	H.NO	Species	Number (M:F)	Going to which Zoo	Date of deposition from the zoo
1		Nilgai	01 M 01 F	Sidharth Zoo and Garden, Aurangabad, Maharashtra	14.08.2021

Rescue and Rehabilitation of wild animals carried out by the Zoo

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 problem animals identified under human wildlife conflict, 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 2021 - 22

1	Apr-21	76	11	9	96
2	May-21	110	10	9	129
3	Jun-21	113	17	19	149
4	Jul-21	72	12	26	110
5	Aug-21	59	12	25	96
6	Sep-21	55	7	10	72
7	Oct-21	40	8	16	64
8	Nov-21	28	9	11	48
9	Dec-21	45	9	7	61
10	Jan-22	94	10	12	116
11	Feb-22	79	15	8	102
12	Mar-22	60	3	5	68
	TOTAL	831	123	157	1111

Annual Inventory of animals

Form – II

[See Rule 11(1)]

Part – A

Inventory Report for the Year: 2021-22

Endangered Species*

S. No.	Animal Name	Scientific name	Opening Stock as on 01.04.2021				Births			Acquisition			Disposal			Death			Closing Stock as on 31.03.2022				
			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	7	0	8											1			1	6	0	7
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>	3	1	0	4													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 2	2	1 7	3 1	8										3		1 6	9	1 5	40	
7	Cat Jungle	<i>Felis chaus</i>	3	8	0	1 1											1		3	7	0	10	
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>	1	0	0	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	1	0	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>	3	3	2	8													3	3	2	8	
16	Macaque Rhesus	<i>Macaca mulatta</i>	3	7	0	1 0											1		3	6	0	9	
17	Gaint Squirrel Malabar	<i>Rutufa indica</i>	3	3	0	6			1	1							1		4	3	0	7	

18	Tiger Bengal	<i>Panthera tigris</i>	3	1	0	4				1	1				1		3	2	0	5
19	Tiger Bengal (White)	<i>Panthera tigris tigris</i>	0	2	0	2									1		0	1	0	1
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	0	1
23	Gharial	<i>Gavialis gangeticus</i>	0	2	0	2											0	2	0	2
24	Crocodile Marsh	<i>Crocodylus palustris</i>	1	0	0	1				1	1				2		0	1	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	10	10								1			0	0	9	9
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

Part – B

Other than Endangered Species

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	7	9	18		4								1	2		2	1	1	6	19
42	Sambar	<i>Cervus unicolor</i>	10	16	1	27	2									1	1		1	1	6	0	27
43	Spotted Deer	<i>Axis axis</i>	37	39	13	89	8	2	2							2		2	4	4	5	1	97
44	BlueBull (Nilgai)	<i>Boselaphus tragocamelus</i>	1	9	0	10							2				1		1	6	0	0	7
45	Keelback Striped		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 plumbicollor</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

5 4	Snake Wolf	<i>Lycodon aulicus</i>	1	3	0	4													1	3	0	4
5 5	Tortoise Indian Starred	<i>Geochel one elegans</i>	4	9	0	1 3													4	9	0	13
5 6	Tortoise Elongated	<i>Indotestu do elongata</i>	1	0	0	1													1	0	0	1
5 7	Viper Saw Scaled	<i>Echis carinata</i>	2	2	0	4													2	2	0	4
5 8	Indian Pond Terrapin	<i>Melanoc hyls trijuga</i>	1	2	0	3													1	2	0	3
5 9	Viper Bamboo Pit	<i>Trimeres urus gramine us</i>	1	1	0	2													1	1	0	2
Exotic Animals																						
6 2	African Grey Parrot	<i>Psittacus erithacus</i>	1	0	0	1													1	0	0	1
6 3	Amazon Parrot	<i>Amazon a aestiva</i>	0	0	1	1													0	0	1	1
6 4	Iguana Green	<i>Iguana iguana</i>	1	0	0	1													1	0	0	1
6 5	Terrapin Red Eared	<i>Pseude mys 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
Bird					
1	Falcon Laggar	<i>Flaco jugger</i>	Male	15-05-2021	multiorgan failure associated with senility
2	Peafowl	<i>Pavo cristatus</i>	Female	19-12-2021	Multiorgan failure
Mammal					
3	Spotted Deer	<i>Axis axis</i>	Male	20-05-2021	Hypovolemic shock with cardio respiratory failure.
4	Cat Jungle	<i>Felis chaus</i>	Female	27-05-2021	Cardio respiratory failure.
5	Barking Deer	<i>Muntiacus muntjac</i>	Male	03-07-2021	Respiratory failure with internal lung injury and hypovolemic shock.
6	Spotted Deer	<i>Axis axis</i>	Female	14-07-2021	Chronic liver failure with ascitis and hypovolemic Shock leading to cardio respiratory failure.
7	Sambar	<i>Cervus unicolor</i>	Female	07-08-2021	Multi organ failure as a senile animal.
8	Spotted Deer	<i>Axis axis</i>	Female	11-09-2021	Septicemia
9	Barking Deer	<i>Muntiacus muntjac</i>	Male	18-09-2021	Hypovolemic shock with cardio respiratory failure due to old age
10	Tiger Bengal (White)	<i>Panthera tigris tigris</i>	Female	01-10-2021	Septicemia
11	Macaque Rhesus	<i>Macaca mulatta</i>	Female	02-10-2021	Weaknes and Respiratory failure
12	Black buck	<i>Antelope cervicapra</i>	Female	24-10-2021	Multi organ failure with paraneoplastic syndrome with diffuse spread of metastatic hemangio sarcoma in vital organs
13	Black buck	<i>Antelope cervicapra</i>	Female	19-11-2021	Traumatic shock
14	BlueBull (Nilgai)	<i>Boselaphus tragocamelus</i>	Female	23-11-2021	Cardio respiratory failure
15	Black buck	<i>Antelope cervicapra</i>	Female	11-12-2021	Hemorrhagic shock
16	Barking Deer	<i>Muntiacus muntjac</i>	Female	13-01-2022	Hypovolemic shock
17	Gaint Squirrel Malabar	<i>Rutufa indica</i>	Female	28-02-2022	Ascitis and Hydropericardium
18	Tiger Bengal	<i>Panthera tigris</i>	Male	08-03-2022	Multiorgan failure
19	Sambar	<i>Rusa unicolor</i>	Male	12-03-2022	Hypovolemic shock with respiratory failure
20	Spotted Deer	<i>Axis axis</i>	Male	31-03-2022	Hypovolemic shock with respiratory failure

Reptile					
21	Cobra King	<i>Ophiophagus Hannah</i>	Female	05-05-2021	Cardiorespiratory failure.
22	Crocodile Marsh	<i>Crocodylus palustris</i>	Female	01-07-2021	Inanition and chronic wasting leading to anemia and circulatory failure.
23	Terrapin Spotted River	<i>Geochamys hamiltonii</i>	Female	14-08-2021	Hepatic failure
24	Crocodile Marsh	<i>Crocodylus palustris</i>	Male	08-02-2022	Shock with hemorrhagic enitritis
			Male 08 Female 16 Total = 24		

Compliance with conditions stipulated by the Central Zoo Authority

Sl.	Norm No. under RZR	Condition	Time Period to Comply	Since when pending	Status with regard to Compliance of the conditions
1.General Requirements					
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 plants 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 should be constructed.	Six months	31.03.2021	The condition is noted and the same would be strictly complied with
2	10.1(5) & 10.4(3)	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.	Immediately	31.03.2021	Partly complied The fallen southern side perimeter wall is partially reconstructed. The parapet wall of Nilgai exhibit is completed and the enclosure is modified for housing Zebra.

2. Administrative and staffing pattern :					
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
4. Animal housing, display of animals and animal enclosures					
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.
5. Upkeep and healthcare of Animals					
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
6. Veterinary and infrastructure facilities :					
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	In Process

7. Post-mortem and disposal of carcasses of animals					
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
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	Complied
12. Visitor Facilities					
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 norvegicus</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 palmaurum</i>

1. 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 oriulus</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>Ardea cinerea</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>Phalacrocorax 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>Porphyrio porphyrio</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>

1. 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>Boiga trigonata</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

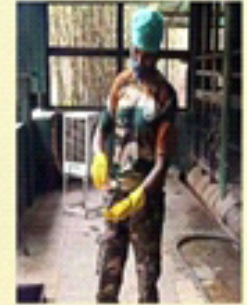
पुणे

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 वांच्यासह 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 करतवात येते. सिंह, वाघ यांची देखभाल जे कर्मचारी करतात, त्यांनी हॅन्डग्लोव्ह्ज, मास्क, हेड गियर्स घातलेले असते.



■ हैदराबादमधील घटनेनंतर राजीव गांधी प्राणिसंग्रहालय प्रशासन सुरक्षित

■ इतर प्राणी, पर्यावादातही योग्य ती खबरदारी

■ कर्मचाऱ्यांच्या वाहनांसह खाद्य घेऊन येणाऱ्या वाहनांवरही फवारणी

■ गरम पाण्यात उकळून दिले जाते वाघ आणि सिंहांना मांस

विनयल प्रवेश करणाऱ्या विनयल खबरदारी घेतली आहे. फूटवेस सेटुलरने साफ केले जाऊन, वाघ आणि सिंहांना देण्यात येणारे मांस हे गरम पाण्यात उकळून दिले जाते; यंत्रणेकडून लवकर कुठल्याही प्रकारचा वापरस राखण नाही.

हैदराबादमधील नेहरू उद्यानमधील अठरा एलिव्हेंटस सिंहांनी कोरोना चाचणी नुकतेच पॉझिटिव्ह असल्याचे पुढे नुकतेच समोर आले. बाह्य प्राण्यांच्या शरीरात संक्रमण होण्याची आणि आतली चटपटाची चरकण चौकशी करत घटनेनंतर, असे

तयारीचे मत आहे. एवमुळे कात्रजच्या प्राणिसंग्रहालयात विशेष काळजी घेतली जात आहे. या घटनेनंतर केंद्रीय सर्वेक्षण विभागाने येथे ही काळजी घेण्याच्या सूचना सर्व प्राणिसंग्रहालयांना दिल्या आहेत. पुढील

राजीव गांधी प्राणिसंग्रहालयातदेखील येथे ही खबरदारी घेतली जात आहे, सिंह, वाघ यांच्यासह सर्व प्राणी, पक्षी सुरक्षित आहेत, असे संचालक डॉ. राजकुमार जाधव यांनी टिपण 'पुणेनगर'च्या प्रिडिक्टिव्हरी वेबसाइट सांगितले.

कोरोनाच्या धरंदभूषीकर राजीव गांधी प्राणिसंग्रहालयात येथे ही काळजी घेतली जात आहे. सर्व कर्मचाऱ्यांना अतिदक्षतेवर काम करण्याच्या सूचना दिल्या आहेत. प्राण्यांच्या दैनंदिन हालचालीत बदल आढळल्यास लगेच चौकशीत काळजी घेण्याचे आदेश कर्मचाऱ्यांना दिले आहेत.

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



पुढारी

प्राणिसंग्रहालयांत दोनशेहून अधिक प्राण्यांचे मृत्यू!

- सर्वाधिक मृत्यू मुंबईतील राणीच्या बागेत
- पुण्यातील राजीव गांधी प्राणिसंग्रहालय तिसऱ्या क्रमांकावर
- केंद्रीय प्राणिसंग्रहालय प्राधिकरणाला दिलेल्या वार्षिक अहवालात नोंद



प्रसाद जगताप
पुणे : प्राणिसंग्रहालयात प्राणी सुरक्षित राहणात का, असा प्रश्न प्राणिप्रेमींसह सामान्यांना कायमच पडलेला असतो. मात्र, असे होते की नाही, याची धक्कादायक माहिती केंद्रीय प्राणिसंग्रहालय प्राधिकरणाला (सेंट्रल झू ऑथॉरिटी) सादर केलेल्या वार्षिक अहवालात समोर आली आहे. या अहवालानुसार, २०१९-२० मध्ये राष्ट्रातील सर्व प्राणिसंग्रहालयांमध्ये विविध आजारानी २०० च्या परात प्राण्यांचे मृत्यू झाले आहेत. यात चालू वर्षातील आकडेवारी (२०२०-२१) येणे अजून

केंद्रीय प्राणिसंग्रहालय प्राधिकरणाने (सेंट्रल झू ऑथॉरिटी) ठरवून दिलेल्या मार्गदर्शक सूचनांनुसार प्राण्यांच्या खंदकाची आणि आहाराची प्रथमतः व्यवस्था केली पाहिजे. त्यांच्या आहाराचे व्यवस्थापन करून त्यांना पौष्टिक आहार आवश्यक त्या प्रमाणात मिळायला हवा. त्याचबरोबर त्यांचे लसीकरण वेळेवर होणे आवश्यक असून, पशुवैद्यकीय पध्दतीमुळे त्यांची वेळेवर तपासणी करणे आवश्यक आहे.

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

बाकी असल्याने हा आकडा अणखी वाढण्याची शक्यता आहे. देशात ५१३, तर महाराष्ट्रात ५६ प्राणिसंग्रहालये आहेत. या सर्वच कामकाज केंद्रीय प्राणिसंग्रहालय पान ६ वर



हैदराबादच्या धर्तीवर पुण्यातील सिंहांची कोरोना चाचणी

राजीव गांधी प्राणिसंग्रहालयातील 'घनम आणि नुखी' ची होमगम तयारी | प्राण्यांना होमगम नंतराच्या पोषकामुळे प्राणिसंग्रहालय अंतर्गत

पुणे - हैदराबाद येथे झालेल्या प्राणिसंग्रहालयातील 'घनम आणि नुखी' या दोन सिंहानी कोरोना चाचणीसाठी पुणे प्राणिसंग्रहालय येथे आणण्यात आले. या दोन सिंहानी कोरोना चाचणीसाठी पुणे प्राणिसंग्रहालयात आणण्यात आले. या दोन सिंहानी कोरोना चाचणीसाठी पुणे प्राणिसंग्रहालयात आणण्यात आले.

- घनम आणि नुखी**
- 1. घनम आणि नुखी या दोन सिंहानी कोरोना चाचणीसाठी पुणे प्राणिसंग्रहालयात आणण्यात आले.
 - 2. या दोन सिंहानी कोरोना चाचणीसाठी पुणे प्राणिसंग्रहालयात आणण्यात आले.
 - 3. या दोन सिंहानी कोरोना चाचणीसाठी पुणे प्राणिसंग्रहालयात आणण्यात आले.



हैदराबाद येथील घनम आणि नुखी या दोन सिंहानी कोरोना चाचणीसाठी पुणे प्राणिसंग्रहालयात आणण्यात आले.

कात्रज प्राणिसंग्रहालय पर्यटकांसाठी अद्यापही बंदच

कोरोनामुळे निर्णय सुट्ट्यांचा कालावधी गेला बाया, प्राणिसंग्रहालय पाहत न आल्याने बच्चे कंपनी निराश

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- घनम व नुखी**
- 1. घनम व नुखी या दोन सिंहानी कोरोना चाचणीसाठी पुणे प्राणिसंग्रहालयात आणण्यात आले.
 - 2. या दोन सिंहानी कोरोना चाचणीसाठी पुणे प्राणिसंग्रहालयात आणण्यात आले.
 - 3. या दोन सिंहानी कोरोना चाचणीसाठी पुणे प्राणिसंग्रहालयात आणण्यात आले.

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- घनम व नुखी**
- 1. घनम व नुखी या दोन सिंहानी कोरोना चाचणीसाठी पुणे प्राणिसंग्रहालयात आणण्यात आले.
 - 2. या दोन सिंहानी कोरोना चाचणीसाठी पुणे प्राणिसंग्रहालयात आणण्यात आले.
 - 3. या दोन सिंहानी कोरोना चाचणीसाठी पुणे प्राणिसंग्रहालयात आणण्यात आले.



राजीव गांधी प्राणिसंग्रहालयात लवकरच नव्या वाघांची जोडी

धनकवडी : पुढारी वृत्तसेवा
राजीव गांधी प्राणिसंग्रहालयात लवकरच आणखी दोन वाघांची भर पडणार असून, ऑगस्टच्या दुसऱ्याच आठवड्यात औरंगाबादहून येथे येणाऱ्या या दोन्ही पाहुण्यांच्या स्वागतासाठी पुणे महानगरपालिकेच्या राजीव गांधी प्राणिसंग्रहालयाचे प्रशासन तयारीला लागले आहे. वाघांच्या जोडीसाठी प्राणिसंग्रहालयामार्फत प्रस्ताव सादर केला गेला होता. महापालिकेच्या सिद्धार्थ प्राणिसंग्रहालयाने प्राण्यांच्या देवाणघेवाण योजनेअंतर्गत पुण्यातील कात्रज येथील दोन नीलगायींच्या बदल्यात त्यांच्याकडील वाघांची नर-मादीची जोडी राजीव गांधी प्राणिसंग्रहालयास देण्यास सहमती दर्शविली होती. अशा प्रकारच्या प्राण्यांच्या देवाणघेवाणीसाठी वन व केंद्रीय प्राणिसंग्रहालय प्राधिकरणस्तरावर एक मोठी प्रक्रिया पार पाडावी लागते. प्राणिसंग्रहालय प्राधिकरणाने नवीन नीलगाय जोडीच्या बदल्यात नवीन वाघांच्या जोडीसाठीच्या प्रस्तावाला मान्यता दिल्याने कात्रज येथील प्राणिसंग्रहालयास वाघांची जोडी मिळण्यास परवानगी मिळाली आहे, असे प्राणिसंग्रहालय प्रशासनाकडून सांगण्यात आले.



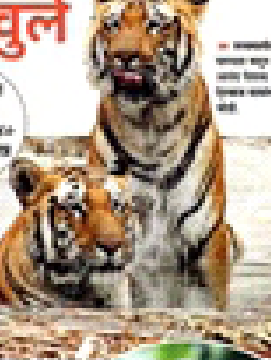
दोन वर्षांनंतर प्राणिसंग्रहालय खुले

वाघ, गिरे, हरी, हरिण, शेकरू, पक्षिप्राय विचारी लवकर १२ हजार ८५४ पर्यटकांची भेट

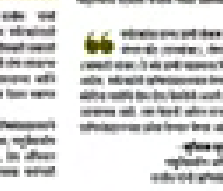
पुणे - पुणे प्राणिसंग्रहालयात दोन वर्षांनंतर पुणे प्राणिसंग्रहालय खुले झाले. या दोन वर्षांनंतर पुणे प्राणिसंग्रहालय खुले झाले.



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