

BALASAHEB THACKERAY
GOREWADA INTERNATIONAL
ZOOLOGICAL PARK,
NAGPUR

Annual Report

2021-22



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1. Report of the Officer-in-charge:

Gorewada International Zoo was inaugurated on 26th January 2021 at the hands of Hon. Shri. Uddhav Balasaheb Thackeray, Chief Minister, Maharashtra State and was renamed as Balasaheb Thackeray Gorewada International Zoological Park, Nagpur. The park was opened to public from 27th January 2021. The park has attained its fame and stature for a major tourist attraction in city of Nagpur from the day of inception.

The Balasaheb Thackeray Gorewada International Zoo is determined for best of practices for animal welfare, visitor satisfaction and economical and environmental sustainability. All zoo operations and practices are considered on the merits of above-mentioned principles.



Gorewada Zoo : Main Entrance



Gorewada Zoo : Entry Plaza-aerial view

2. History of the Zoo:

Gorewada Reserve Forest was received for compensatory afforestation and protection of Gorewada lake which is drinking water source to city of Nagpur. The total area of 1914Ha is bisected by Nagpur-Katol Highway bisecting the area into 2 zones, viz North or Unit1 and South as Unit 2. This area is located at 10km from Nagpur Railway station and was easily accessible from city. An international standard zoo was proposed on this land to attract tourists from all over the world.

Government of Maharashtra had declared its intention for an International standard zoo at Nagpur in year 2006. In year 2008, Forest Department appointed Mr. Bernard Harrison from Singapore as consultant for creating the concept and DPR of this project. In 2009, the land and project were handed over to Forest Development Corporation of Maharashtra (FDCM) for faster implementation of Project. An area of 564Ha was proposed for development of zoo in Unit 2 of Gorewada Forest. This area is comparatively degraded and had scanty vegetation. A proposal was submitted under FCA for the proposed zoo activity and tenders were called for appointment of consultant for preparing Master Plan of the zoo. M/s. Ashfaq Ahmad Architectural Associates was selected as consultant for developing Masterplan for Zoo in year 2013-14. The first Masterplan was approved in year 2014.

The FDCM build a 29km boundary wall for protection of this land which enhanced the biodiversity of the region. In year 2015, Unit 2 of the region was opened for tourists through Gorewada Jungle Drive. Unit 2 of the region is good quality Forest with presence of wildlife like Leopard, Spotted deer, Sambar, Neelgai and more than 200 spp. of birds. In year 2016, Central India's largest Rescue Centre became operational at Gorewada.

In same year, Government decided to establish a Special Purpose Vehicle (SPV) with private investor for development and operations of the zoo. An EOI was published to attract private investor into project. After several rounds of selection process Esselworld Tourism Infra Pvt Ltd was selected as a Private investor and a Joint Venture company was established for design, development and operations of Gorewada Zoo. The private investor demanded revision of approved Master Plan for better economic viability and international appeal of the project. The founding principles for developing new zoo were decided upon following factors -

- Environmentally sound
- Aesthetically pleasing
- Both ecologically and financially sustainable
- Operationally practical

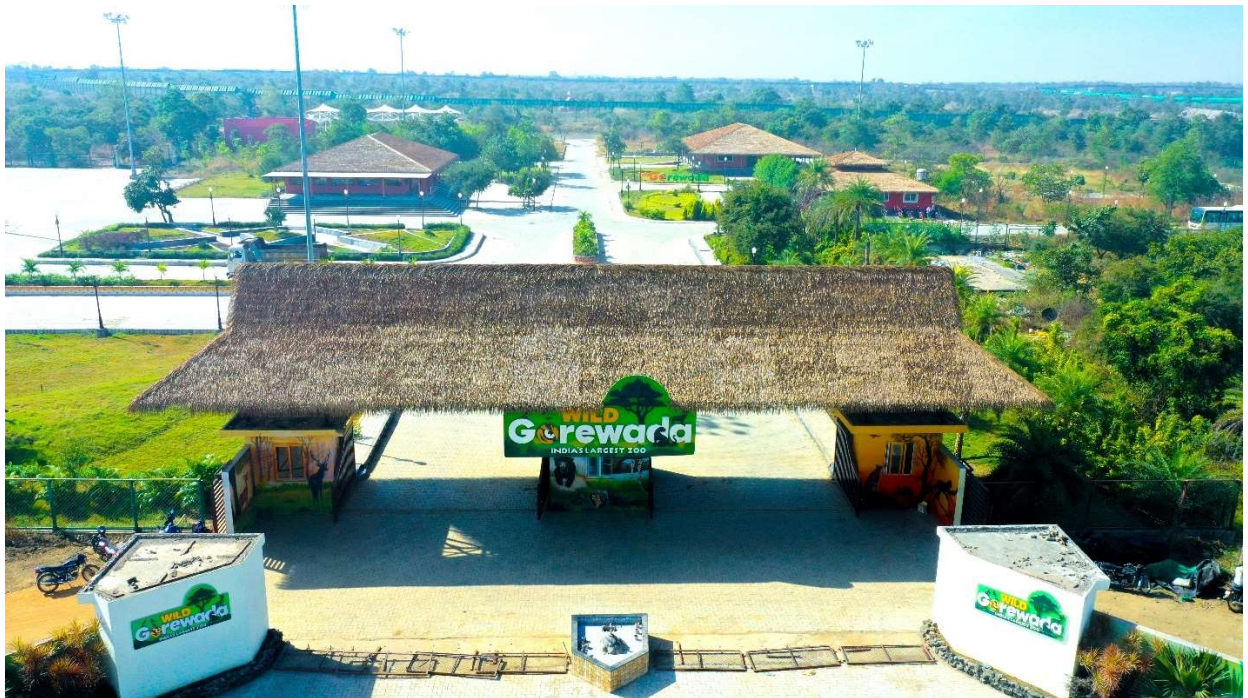
The revised Master Plan was designed by M/s. Bernard Harrison and Co. and Phase-I of the project got approval in March 2019. Phase-I i.e. Indian Safari was completed and operationalised in January 2021.

The zoo started its operation with four safaris, namely Leopard, Sloth bear, Herbivores and Tiger. Leopard, Tiger and Sloth bear are spread over 25Ha each while herbivore safari is spread

over 40ha. A walking zoo is proposed in 2Ha area next to Indian safari which will have 10 enclosures for smaller animals. The development in process is in accordance to latest CZA guidelines and norms for immersive zoo experience.



Cafeteria and selfie point



3. **Vision:**

A journey through the forests with animals and birds is compliment to conservation, education, awareness and recreation. The Gorewada International Zoo, Nagpur is of international standards which will house various animal species in innovatively created areas thus attempting to establish one of its kinds Zoo thereby making the sightseer's visit a rewarding experience. This zoo will be a showcase of nature for the visitors.

4. **Mission**

The Park will volunteer natural conservation, scientific research, and public education of the Floral and Faunal species of great importance of Gondwana land. The place will conduct enlightening activities for the visitors to bring betterment in their outlook towards animals. The Gorewada Zoo will be a combination of entertainment, education and science of zoos, aquariums, botanical gardens, museums, etc. all put at one place.

5. **Objective**

1. Promote wildlife conservation (Undertaking breeding program of endangered species).
2. Care and rehabilitation of injured, sick and orphan wild animals.
3. To collect and collate the scientific data on the biology, behaviour and health care of various species of wild animals housed in the zoo and use the same in future management.
4. To assist in conservation of the in-situ population of various species of endangered animals and their habitat by sensitizing the people.
5. To promote research and education on wildlife conservation
6. To create amongst the visitors empathy towards wild animals through appreciation and better understanding.
7. To promote international eco-tourism.
8. To create the opportunities of employment / self-employment.



Jambu- Our Mascot

6. About us

S. No.	Particulars	Information
Basic Information about the Zoo		
1	Name of the Zoo	Balasaheb Thackeray Gorewada International Zoological Park, Nagpur
2	Year of Establishment	2021
3	Address of the Zoo	Kalmeshwar Road, Fetri - 441501
4	State	Maharashtra
5	Telephone Number	0712- 297 1268
6	Fax Number	-
7	E-mail address	gorewadazoo@gmail.com
8	Website	www.wildgorewada.com
9	Distance from nearest	Airport: 15km
		Railway Station: 10km
		Bus Stand:
		City bus access: 100m Inter-State bus terminus: 14km
10	Recognition Valid upto (Date)	28-08-2022
11	Category of zoo	Mini Zoo
12	Area (in Hectares)	564 Ha
13	Number of Visitors (Financial Year)	Adult: 1,04,320
		Children: Not available
		Total Indian: Not available
		Total Foreigners: Not available
		Total Visitors: 1,04,320
14	Visitors' Facilities Available in Zoo	<ul style="list-style-type: none"> • Sufficient no of toilets • Sufficient drinking water • Restaurant • Souvenir Shop • Emergency telephone facility • First Aid • Wheelchair and ramps • Anti-Snake venom
15	Weekly Closure Day of the Zoo	Monday

S. No.	Particulars	Information
Management Personnel of the zoo		
16	Name with designation of the Officer in-charge	Mr. P. B. Panchbhai, Divisional Manager and Zoo Director
	Name of the Veterinary Officer	Dr. Mayur Pawashe
	Name of the Curator	Mr. Dipak Sawant
	Name of the Biologist	Mr. Shubham Chhapekar
	Name of the Education Officer	-
	Name of the Compounder/ Lab Assistant	-
Owner / Operator of the Zoo		
17	*Name of the Operator	FDCM ESSELWORLD GOREWADA ZOO PVT LTD. NAGPUR
18	Address of the Operator	Chairman, FEGZ and Managing Director, Forest Development Corporation of Maharashtra, 5th Floor, FDCM Bhavan, 359/B, Hingna Rd, Ambazari, Nagpur, Maharashtra 440036
19	Contact details/Phone number of Operator	0712 281 1965
20	E-mail address of Operator	md@fdcm.nic.in

* Rule 2(m) of the Recognition of Zoo Rules, 2009.

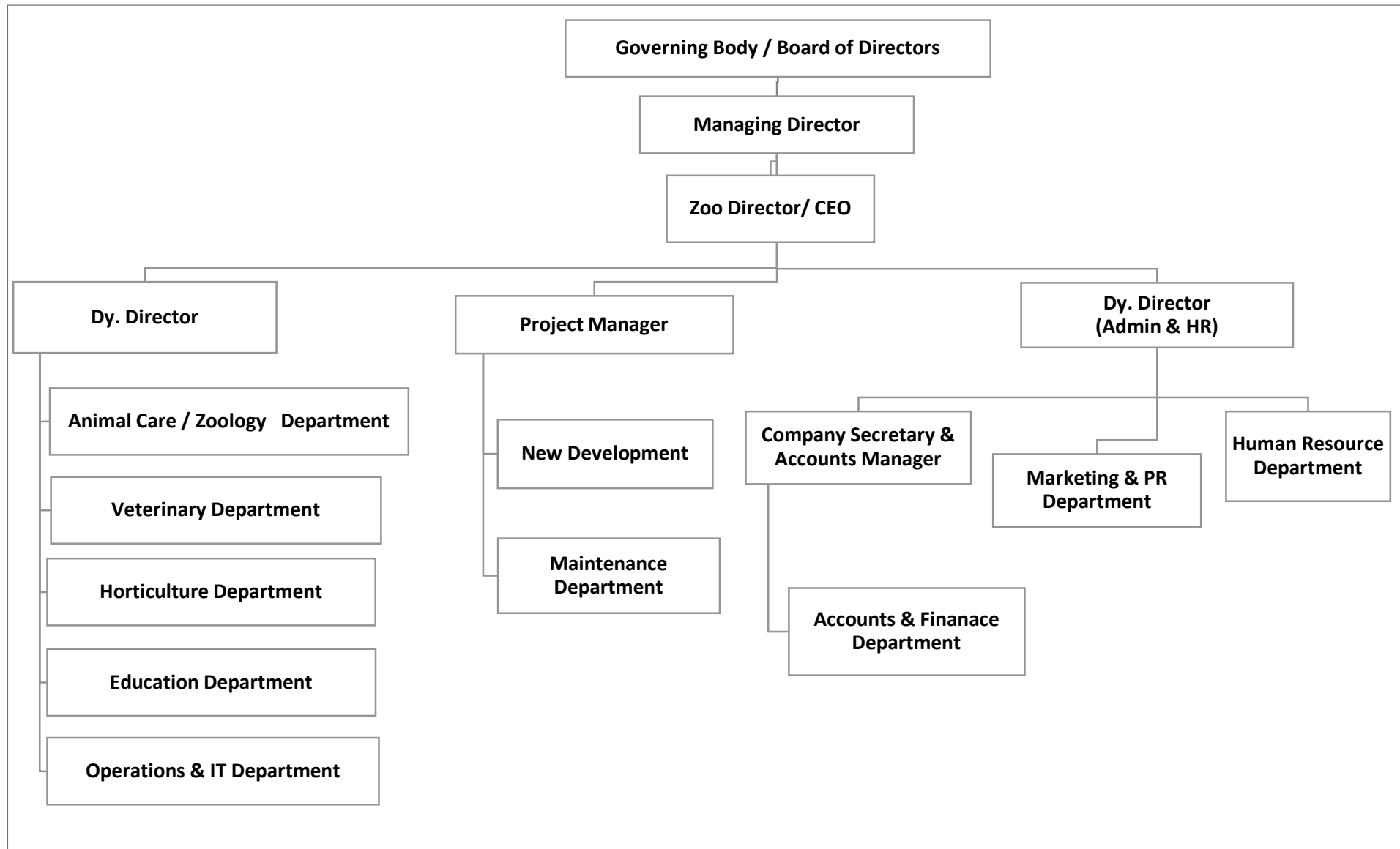
“Zoo Operator” means the person who has ultimate control over the affairs of the zoos provided that_____

I. in the case of a firm or other association of individuals, any one of the individual partners or members thereof; or

II. in the case of a company, any director, manager, secretary or other officer, who is in-charge of and responsible to the company for the affairs of the zoo; or

III. In case of zoo owned or controlled by the Central Government or any State Government or Union Territory Administration or any Trust or Society funded by the Central Government or a State Government or a Union Territory Administration, the Secretary of the concerned Department of that Government, or as the case may be the Union Territory Administration, shall be deemed to be the Zoo Operator.

7. Organizational Chart



8. Human Resources

Manpower of the Zoo (Phase-1) *

Sl. No.	Designation	Number of Sanctioned Posts	Names of the incumbent
1	Zoo Director	1	1
2	General Curator	1	1
3	Veterinary Officer	1	1
4	Biologist	1	1
5	Education Officer	1	0
6	Head Animal Keeper	1	0
7	Animal Keeper	4	0
8	Asst Animal Keeper	24	23

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

9. Capacity Building of zoo personnel- Nil

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	Zoo Guides	Butterflies and Insects	1 day	In-house capacity building training
2	Zoo Guides	Birdwatching	1 day	In-house capacity building training

10. Zoo Advisory Committee – Not Constituted

- Date of constitution
- Members
- Dates on which Meetings held during the year

11. Health Advisory Committee–

- Date of constitution – 22-11-21
- Members
 - Dr. Shirish Upadhye, Dean, MAFSU, & Director, WRTC, Nagpur Chairman
 - Dr. Mayur Pawshe, Zoo Veterinarian, BTGIZP Member Secretary
 - Mr. P. B. Panchbhai, Zoo Director, BTGIZP Member
 - Mr. Dipak Sawant, General Curator, BTGIZP Member
 - Dr. V. M. Dhoot, Ass. Professor, MAFSU, Nagpur Member
 - Dr. S. M. Kolangath, SMS (Biotech), WRTC, Nagpur Member
- Dates on which Meetings held during the year:
 - 22-11-2021 - For constitution of committee
 - 20-02-2022 - 1st Formal Meeting of committee

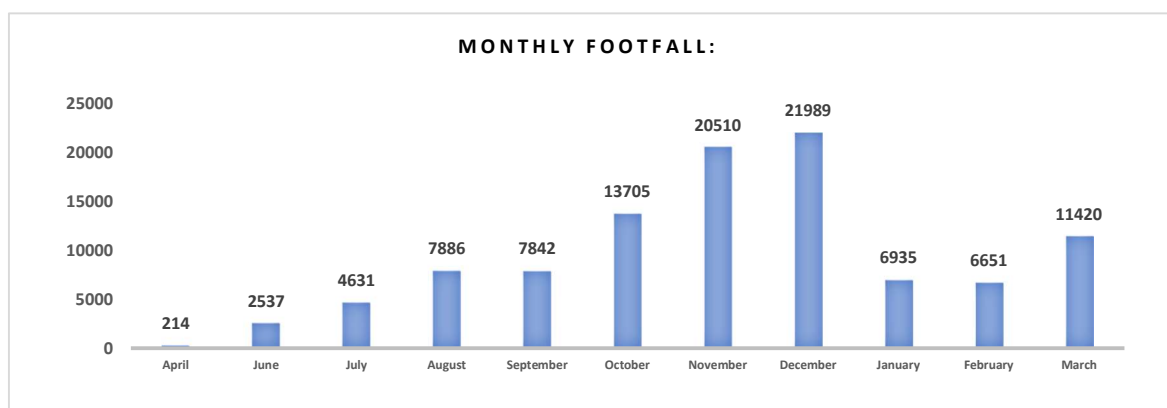
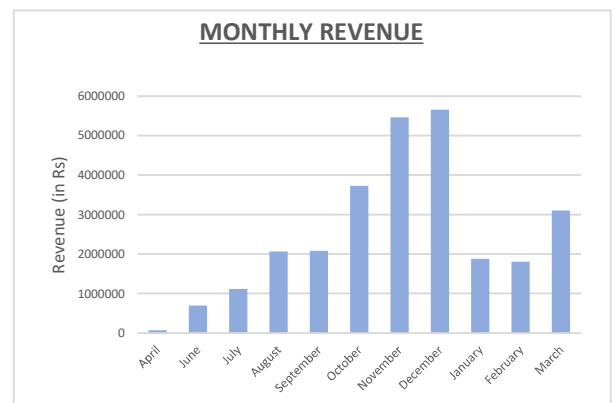
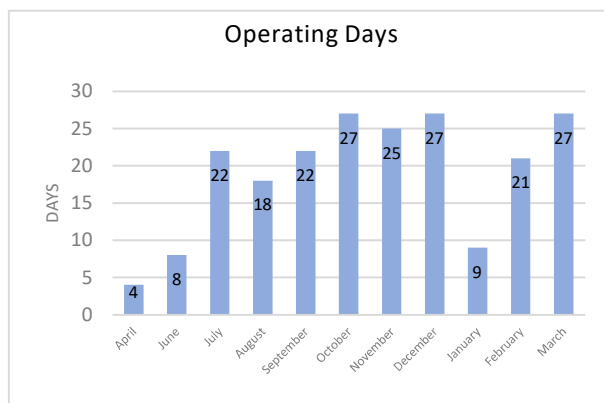
12. Statement of income and expenditure of the Zoo

- Total days of Operation –
- No of Visitors - **1,04,320**
- Total Revenue - **2,76,54,280/-**

Financial Year 2021-22

Months	Operating Days	Footfall	Income (in Rs.)
April 21	4	214	67,840
May, 21	Lockdown	Lockdown	Lockdown
June, 21	8	2,537	6,98,960
July, 21	22	4,631	11,19,990
August, 21	18	7,886	20,62,170
September, 21	22	7,842	20,82,280
October, 21	27	13,705	37,28,520
November, 21	25	20,510	54,58,120
December, 21	27	21,989	56,51,960
January, 22	9	6,935	18,79,440
February, 22	21	6,651	18,01,480
March, 22	27	11,420	31,03,520
Total		1,04,320	2,76,54,280

The visitor footfall was restricted in number and carrying capacity under covid-19 guidelines between Apr-21 to October 21 as per guidelines issued by Govt. of Maharashtra.



13. Daily feed Schedule of animals

Sl. No.	Species	Feed item	Quantity		Day of fasting
			Winter	Summer	
1	Tiger	Beef	10-12Kg per day	9-11 kg per day	Saturday
2	Leopard	Beef and/or Chicken	2.5 to 3.5kg per day	2 to 3 kg per day	Saturday
3	Sloth Bear	Mixed Fruits, honey, jaggery, Suji halwa with dry fruits, Boiled Eggs, occasionally fish	13-16 kg per day	11-14 kg per day	No fasting
4	Herbivores Chital, Nilgai, Sambar, Blackbuck, Barking Deer, Sangai	Greed fodder- maize / kadamu/ lucern / edible grasses Mash	Ad lib	Ad lib	No fasting
5	Golden Jackal	Beef / Chicken Boiled Eggs	1-1.5 kg per day	1-1.5kg per day	Saturday
6	Indian Fox	Beef / Chicken Boiled Eggs	0.75-1.25 kg per day	0.75-1.25 kg per day	Saturday

14. Vaccination Schedule of animals

Sl.No.	Species	Disease vaccinated for	Name of the Vaccine and dosage/ quantity used	Periodicity	Remarks

Since all animals were vaccinated before bringing to zoo, no vaccine was given in this period.

15. De-worming Schedule of animals

Sl. No.	Species	Drug used	Month

Since all animals were dewormed just before bringing to the zoo, no deworming was conducted in this period.

16. Disinfection Schedule

Sl. No.	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
1	All species	Night shelter & Feeding cell	Liq. Potassium permanganate for Foot bath	Alternate day disinfectant is changed
2	All species	Night shelter, Feeding cell and Kraal	Fumigation – open flame	Occasionally as per the need and instructions of veterinarian.

17. Health Check-up of employees for zoonotic diseases

Sl. No.	Name	Designation	Date of Health Check up	Findings of Health Check up
1	All keepers were tested for zoonotic and other infectious diseases at the time of joining	Asst. Keeper and all animal related staff	November 2021	Negative

18. Development Works carried out in the zoo during the year:

Indian Safari of Gorewada Zoo is only phase-I. As an extension to Indian Safari a small walking zoo of 10 enclosures is under construction. The construction is delayed due to covid-19 restrictions and may require up to a year to complete.

19. Education and Awareness programmes during the year

Every safari at Balasaheb Thackeray Gorewada International Zoo is assisted by a trained nature interpreter. The guides are trained for visitor interaction and conservation education.

Due to Covid-19 restrictions, no special education programs were conducted in the year.

20. Important Events and happenings

a. Azadi ka Amrut Mahotsav- Tiger Week:

The Honourable Prime Minister has flagged off Azadi ka Amrit Mahotsav-Commemoration of 75 years of India's Independence on the 12th of March 2021. Under this campaign, CZA, has been taking this forward through a massive outreach campaign titled '**Conservation to co-existence: The people connect**'. The campaign aims to generate awareness for conservation priority identified 75 wild animal species through continued public engagement across 75 weeks, starting from March 12th 2021 and concluding on August 15th 2022. One species celebrated each week showcasing its uniqueness along with information on its conservation status. For the week starting 31st May to 6th June 2021, the zoo in focus was Gorewada zoo and wildlife rescue centre and the species in focus was the Tiger. Coincidentally, the week is also celebrated as Tiger Week, various activities were organised for celebration of this week-long event.

Conservation to co-existence: The people's connect
#75Weeks75Species75Zoos
#AmritMahotsav

Week 12 - 31st May to 6th June 2021
Species in Focus: Tiger (*Panthera tigris tigris*)
Zoo in Focus: Gorewada zoo and wildlife rescue centre

Ecological restoration is defined as the process of assisting the recovery of an ecosystem that has been degraded, damaged, or destroyed (Society for Ecological Restoration International Science and Policy Working Group 2004). This year the theme for world environment day is

Tigers as flagbearers for ecological restoration

Conservation to co-existence: The people's connect
#75Weeks75Species75Zoos
#AmritMahotsav

Week 12 - 31st May to 6th June 2021

Species in Focus: Tiger (*Panthera tigris tigris*)
Zoo in Focus: Balasaheb Thackeray Gorewada International Zoological Park

Day 1 Inaugural Function
Webinar 1: Saving Tigers in Human Dominated Landscape - Lessons learnt from Indian Terai
Webinar 2: Rescue and Rehabilitation of Large Felids
Day 2
Webinar 3: Tiger Conservation & Veterinary Intervention: SWOT Analysis
Webinar 4: Wildlife Forensics with special reference to Wild Felids
Day 3
Webinar 5: Know your species: Know your Zoo
Day 4 Field Symposium - Day 1
Session I: Health Management & Interventions in Captive Large Felids
Session II: Management of Captive Large Felids

Day 5 Field Symposium - Day 2
Session III: Conservation Biotechnology & Forensic Investigation in Large Felids
Session IV: Rescue and rehabilitation in Large felids
Valedictory Session
Day 6 - June 5, 2021 WORLD ENVIRONMENT DAY
World Environment Day Celebration - Soevus Mumbai Eco-achievers Earth Hour (inter-school Debate)
AWARD CEREMONY
Day 7
Webinar 6: Conserving India's Tiger - The Actions, Achievements & Challenges
Webinar 7: Tigers in Human Dominated Landscape - Movement Ecology Approach
Closing Ceremony

Tigers as flagbearers for ecological restoration

आजदी का अमृत महोत्सव

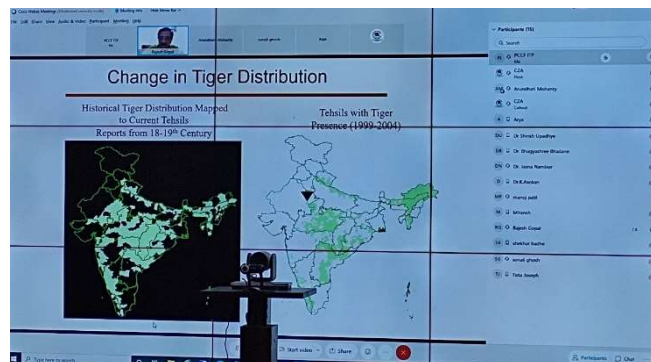
Conservation to Co-existence: The People Connect
75 Weeks - 75 Species - 75 Zoos
Celebration of Azadi ka Amrit Mahotsav - Week 12 (31st May to 6th June 2021)
Virtual symposium on Management of Large Felids in Zoo & Protected Areas
INAUGURAL SESSION
3rd June 2021, Time : 10:00 am

Chair
Dr Bharat Singh Hada
Deputy Conservator of Forests
Nagpur Division, Nagpur

Chief Guest
Hon'ble Col (Dr) Prof. A.M.Paturkar
Vice Chancellor
MAFSU, Nagpur

Central Zoo Authority, Govt. of India, New Delhi
Balasaheb Thackeray Gorewada International Zoological Park, Nagpur,
Wildlife Rescue Centre & Wildlife Research & Training Center, Gorewada.

This event was jointly organised by Ministry of Environment and Forest, Central Zoo Authority, New Delhi, Forest Development Corporation of Maharashtra, Maharashtra State Forest Department, Balasaheb Thackeray Gorewada International Zoological Park, Gorewada Rescue Centre, Maharashtra Animal and Fisheries Studies University, Nagpur, Wildlife Research and Training Centre, Nagpur.



b. **Big Butterfly Month (September 2021)**

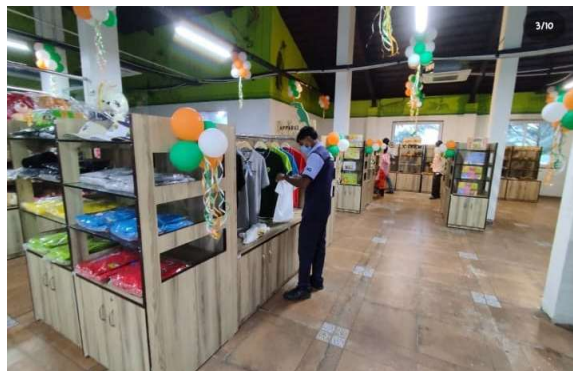
On occasion of Big Butterfly Month 2021, a series of events was conducted at Gorewada Zoo. An insect walk with special emphasis on butterflies was conducted at various location of Nagpur city for citizens. On 02/09/2021, a film show was organised on 'Life Cycle of Butterflies' was organised of Gorewada staff. A virtual tour of butterfly collection of BNHS museum was organised for staff members on 24/09/2021.



Celebration of Butterfly Month 2021

c. **Inauguration of Souvenir Shop at Gorewada Zoo**

On 2-09-2021, a souvenir shop was inaugurated at the hands of Shri. N. Vasudevan, Managing Director and PCCF, Forest Development Corporation of Maharashtra, Nagpur.



- d. **Talking Tree APP:** On occasion of wildlife week, A QR based app was introduced in Gorewada zoo premises for information of trees in the campus. The QR codes associated with each tree are to be scanned through your mobile, and the tree talks through your mobile for relevant information of the tree.



Due to Covid-19 restrictions no formal programs were conducted for wildlife week.

e. **Celebration of World Forest Day: (21st March 2022)**

On occasion of World Forest Day, our newly constructed Pick-up and Drop station for Indian Safari was inaugurated and opened to the public. The event was concluded in presence of Mr. N. Vasudevan, Managing Director, Forest Development Corporation and Mr. Sunil Limaye, Principle Chief Conservator of Forest (Wildlife). On this occasion a zoo tour was organised for special abled children.



21. Seasonal special arrangements for upkeep of animals:

Animals are provided with desert Coolers during summer. The safari enclosures are endowed with large water pools for animal dipping in hot weather. During winter, oil based electric room heaters are provided in addition to grass bedding in every night shelter.

22. Research Work carried out and publications

Nil

23. Conservation Breeding Programme of the Zoo

Nil

24. 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	Herbivore Safari	Albino Blackbuck	4:6	National Zoological Park, New Delhi	07/10/2021
2	Herbivore Safari	Blackbuck	4:6	National Zoological Park, New Delhi	07/10/2021
3	Herbivore Safari	Barking Deer	8:10	National Zoological Park, New Delhi	07/10/2021
4	Herbivore Safari	Sambar	2:1	National Zoological Park, New Delhi	07/10/2021
5	Herbivore Safari	Sangai	4:4	National Zoological Park, New Delhi	13/03/2022
6	Quarantine	Jackal	1:2	National Zoological Park, New Delhi	13/03/2022
7	Quarantine	Indian Fox	2:2	National Zoological Park, New Delhi	13/03/2022
8	Herbivore Safari	Sambar	2:2	National Zoological Park, New Delhi	13/03/2022
B.	Animals going from the zoo				
	H.NO.	Species	Number (M:F)	Going to which Zoo	Date of deposition from the zoo
		Nil			

25. Rescue and Rehabilitation of wild animals carried out by the Zoo - Nil

Sl.No.	Date of Rescue	Species with number of animals rescued with their sex (M: F:U:T)	Received from	Date of Submission of Report to the CWLW / CZA	Action taken	
					Date and Place of rehabilitation in their habitat	Reasons for housing in the zoo, if not released in their habitat

Gorewada Zoo has separate facility for Rescue and Rehabilitation, therefore no Rescue and rehabilitation is performed by zoo.

26. 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 (01-Apr-2021)				Births			Acquisitions			Disposals			Deaths			Closing Stock (31-Mar-2022)			
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
Mammalia																						
1.	Blackbuck	Antilope cervicapra	0	0	0	0	1	1	0	4	6	0	0	0	0	1	1	0	4	6	0	10
2.	Blackbuck (leucistic/white)	Antilope cervicapra	0	0	0	0	0	0	4	4	6	0	0	0	0	1	0	0	3	6	4	13
3.	Indian Jackal	Canis aureus indicus	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	1	2	0	3
4.	Sloth Bear	Melursus ursinus	3	3	0	6	0	0	0	0	0	0	0	0	0	0	0	0	3	3	0	6
5.	Leopard	Panthera pardus	2	5	0	7	0	0	0	0	0	0	0	0	0	0	0	0	2	5	0	7
6.	Bengal Tiger	Panthera tigris tigris	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
7.	Eld's Deer (Brow-antlered Deer)	Rucervus eldii	0	0	0	0	0	0	0	4	4	0	0	0	0	0	0	0	4	4	0	8
8.	Bengal Fox	Vulpes bengalensis	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	2	2	0	4
Total Mammalia	8		6	9	0	15	1	1	4	15	20	0	0	0	0	2	1	0	20	29	4	53
Total			6	9	0	15	1	1	4	15	20	0	0	0	0	2	1	0	20	29	4	53

Part – B

Other than Endangered Species

S.No.	Animal Name	Scientific Name	Opening Stock (01-Apr-2021)				Births			Acquisitions			Disposals			Deaths			Closing Stock (31-Mar-2022)			
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
Mammalia																						
1.	# Chital/ Spotted Deer	Axis axis	1	2	2	5	0	0	2	0	0	0	0	0	0	0	0	0	2	3	2	7
2.	Nilgai	Boselaphus tragocamelus	7	7	0	14	0	0	3	0	0	0	0	0	0	0	0	0	7	7	3	17
3.	Indian Muntjac	Muntiacus muntjak	0	0	0	0	0	0	2	10	10	0	0	0	0	4	0	0	6	10	2	18
4.	Sambar Deer	Rusa unicolor	0	0	0	0	0	0	0	4	4	0	0	0	0	0	1	0	4	3	0	7
Total Mammalia	4		8	9	2	19	0	0	7	14	14	0	0	0	0	4	1	0	19	23	7	49
Total			8	9	2	19	0	0	7	14	14	0	0	0	0	4	1	0	19	23	7	49
Grand Total			14	18	2	34	1	1	11	29	34	0	0	0	0	6	2	0	39	52	11	102

27. Mortality of animals:

Sl. No.	Animal Name	Scientific Name	Sex	Date of Death	Reason of Death as per the Post-mortem report
1	Blackbuck	<i>Antelope cervicapra</i>	Male	7/10/21	Cardio-respiratory failure
2	Blackbuck	<i>Antelope cervicapra</i>	Female	7/10/21	Cardio-respiratory failure
3	Blackbuck (Albino)	<i>Antelope cervicapra</i>	Male	22/10/21	Cardio-respiratory failure
4	Barking Deer	<i>Muntiacus muntjak</i>	Male	7/10/21	Cardio-respiratory failure
5	Barking Deer	<i>Muntiacus muntjak</i>	Male	7/10/21	Cardio-respiratory failure
6	Barking Deer	<i>Muntiacus muntjak</i>	Male	25/10/21	Hypo-thermic shock
7	Barking Deer	<i>Muntiacus muntjak</i>	Male	13/11/21	Hypo-thermic shock
8	Sambar	<i>Rusa unicolor</i>	Female	7/10/21	Cardio-respiratory failure

28. Compliance with conditions stipulated by the Central Zoo Authority

Sr. No	Norm No. under RZR, 2009	Condition Stipulated	Time Period to Comply	Since When Pending	Status with regard to compliance of the conditions
1	10.1.(8)	Zoo should not acquire sick, injured infirm animals for display, animals should be acquired after permission under sec 38(i)	With immediate effect		Complied. Zoo shall never display sick, injured and infirm animals.
2	10.2.(1)	The zoo should post a full-time officer in-charge with adequate financial and administrative powers.	With immediate effect		The Divisional Manager, Gorewada Project is designated as full-time officer-in charge and Zoo Director with adequate financial and administrative powers.
3	10.2.2	Zoo should post full time Veterinary Officer, Education Officer/ Biologist	With immediate effect		Dr Mayur Pawashe, has been appointed as Veterinarian for the zoo.
4	10.2.3	Zoo should appoint Keeper, head keeper with adequate experience in work	With immediate effect		Keepers currently appointed at the zoo have prior experience of working with animals at the Rescue Centre, Gorewada.
5	10.3.1	Zoo should submit Master Plan for all the phases to CZA for approval.	3 months		Phase- I and II of the master plans along with detailed drawings of each components were submitted to CZA. Preparation of Master Plan for entire zoo is in process.
6	10.3.5	Feeding and Retiring cells should be camouflaged by suitable plantations.	With immediate effect		Night shelter have been painted in shades of green for better camouflage. Suitable plantation is provided for the purpose. Additional plantation will be considered as per requirement.
7	10.4.2, 3	1. The design of the Leopard and Sloth Bear Safari should be as per the standards. These safaris should house animals only after they are fully audited for safety and security of animals, visitors and keepers and structural stability. 2. The safari area should be free from all the debris, metal pieces, sharp corners which may injure the animal.	With immediate effect		1 Complied. 2 Complied

		<p>3. The functionality of double gate system should be verified for electro-mechanical and manual operations.</p> <p>4. The zoo operator should ensure that, adequate amount of soil is compacted along the safari fence so that animal does not escape through burrows.</p> <p>5. The overhang steel plate expansion joints of leopard and sloth bear safari should be properly affixed in such a way that it does not allow any space for animal escape.</p> <p>6. The drop gates in the animal houses should have a U-shaped channel frame to prevent any animal escape as well as the pulley of the drop gate should have a proper cover. The cable running for sliding door should be covered in Steel pipe and have locking system.</p> <p>7. All gates opening in keeper gallery in feeding and retiring cell should have locking systems.</p> <p>8. The strength of cable used for pulling drop gate should be checked periodically and should be maintained properly.</p> <p>9. Feeding and retiring cells in leopard safari shall have meat drop windows.</p> <p>10. The kraal provided for leopard and sloth bear shall have easy access for animals and keepers for cleaning and maintenance. Its design should be animal and management friendly.</p> <p>11. There should be provision of squeeze cage in Leopard and Sloth Bear Cage.</p>			<p>3. Complied.</p> <p>4. Complied</p> <p>5. Complied</p> <p>6. Complied</p> <p>7. Complied</p> <p>8. Complied. Cable for pulling gates have been changed for better strength. Its maintenance is observed periodically.</p> <p>9. Complied.</p> <p>10. Suitable changes have been made during the construction for animal and management friendly access.</p> <p>11. A mobile squeeze cage has been provided in every night shelter.</p>
8	10.4.6	Zoo should make efforts to enrich feeding and retiring cells	With immediate effect		Wooden tables and water pots have been provided in every feeding cells. Necessary changes in enrichment are considered time-to time.
9	10.4.10	The zoo should provide appropriate signages with relevant information at suitable locations.	With immediate effect		Appropriate signages are provided at suitable locations.

10	10.5.2	The zoo should ensure to provide all animals timely supply of quality food and water.	With immediate effect		Food protocols are prepared and strictly followed.
11	10.5.5	The zoo shall provide tyre bath (as a bio security measure) at appropriate entry point.	3 months		Tyre bath has been provided at the beginning of safari.
12	10.6.1	As per the provision under Zoo Rules, 2009 the zoo should have a full-fledged Veterinary unit with diagnostic facility. Though the Rescue Centre, across the road in front of zoo has all these facilities. The Zoo operator has assured that these facilities will used for zoo as well. However, it is suggested that zoo may have a bare minimum veterinary facility in zoo premises.	6 months		A small veterinary unit and quarantine block is proposed for construction in zoo premises.
13	10.12.1	The zoo operator should provide adequate civic facilities for visitors at appropriate and convenient places in the zoo including for physically disabled.	With immediate effect		Civic facilities like toilets, drinking water, and cafeteria is provided at appropriate location. All entry and pathways are designed for easy access of physically disabled.
14	10.12.2	The zoo should have a first aid facility and emergency medicines at suitable location inclusive of Anti Snake Venom.	With immediate effect		First aid facility is available in admin block and ticketing building.
Non-Statutory Recommendations					
1		The water tank near the parking area and night shelter buildings attached to safari enclosures should be painted in olive green or camouflaged with surrounding area.	3 months		A sky landscape has been selected for painting on the tank. It will be complied soon.
2		Labours living in the safari area should be shifted before the safari is made functional.	With immediate effect		All labours living in safari area were removed from safari before the park was operational.
3		Substrates in kraal should have soft soil.	With immediate effect		Complied.

29. List of free-living wild animals within the zoo premises

- a. Mammals
 - i. Nilgai
 - ii. Sambar
 - iii. Leopard
 - iv. Jungle Cat
 - v. Grey Mongoose
 - vi. Common Palm Civet etc

- b. Birds
 - i. Indian Peafowl
 - ii. Grey Francolin
 - iii. Painted Francolin
 - iv. Little Brown Dove
 - v. Ring Dove
 - vi. Black-winged Kite
 - vii. White-eyed Buzzard
 - viii. Honey Buzzard
 - ix. Eagle Owl
 - x. Barn Owl
 - xi. Spotted Owlet
 -more than 200spp of birds

- c. Reptiles
 - i. Indian Rat Snake
 - ii. Russell's Viper
 - iii. Saw-scaled Viper
 - iv. Indian Cobra
 - v. Common Trinket
 - vi. Wolf Snake
 - vii. Indian Rock Python
 - viii. Common Cat Snake
 - ix. Stout sand Snake
 - x. Bronze-backed Tree Snake
 - xi. Indian Egg-Eater
 - xii. Monitor Lizard
 - xiii. Garden Lizard
 -many more

List of free-living wild animals in zoo premises is tentative and based on daily observations; a detailed documentation of free living wildlife is under process.

