

Shaheed Ashfaq Ullah Khan Prani Udyan Gorakhpur

Annual Report for the year
2022-23



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1. Report of the Officer-in-charge

Shaheed Ashfaq Ullah Khan Zoological Park is located on the Gorakhpur-Deoria bypass road near the picturesque Ramgarh Tal and about 08 km away from Gorakhpur Railway/Bus station and about 11 km from the airport. This zoological park is the first zoological park of Purvanchal and the third of Uttar Pradesh. The historical Ramgarh Tal is situated on one side of it and the distance of the historical and famous Gorakhnath temple is also only 10 km from the zoo. The city of Gorakhpur is surrounded by the Rapti and Rohin rivers. Kapilvastu, the birth place of Mahatma Gautam Buddha and Kushinagar, the place of Parinirvana, is also close to this city. It has developed as a delightful place from the point of view of tourism, due to the proximity to the circuit house, Buddhist museum, Planetarium, boating and water sports complex, etc.

The purpose of the establishment of this zoological park is to protect and promote wildlife and to make tourists aware of the importance of conservation of natural resources to maintain ecological balance.

By using state-of-the-art scientific methods and resources for conservation of wild animals, breeding/proliferation of protected wild animals, giving priority to the collection and breeding work of wild animals of endangered species. It shall be maintained in such a way that every wild animal fulfills the implication objectives of the zoological park. To achieve this objective, a detailed management plan of each species is also being prepared by the zoological park management.

High-class closed-circuit cameras have also been installed in the zoological park area for effective protection of wildlife and tourists. A state-of-the-art veterinary hospital has also been built for monitoring the health of wild animals, scientific study of their nature and research. Apart from this, incinerators have also been installed for disposal of dead wild animals and veterinary waste.

2. History of the Zoo

In year 2009, the State Government of Uttar Pradesh decided to establish a modern zoo in eastern part of U. P., which will play a vital role in awareness among the people as well as to improve the conservation facilities of Wildlife in this area. Adjacent to Gorakhpur City and on the bank's of Ramgarhtal, 121.342 Acre area of land was found suitable for the purpose of Zoo and hence this beautiful place was established. This area has all natural requisites such as woodland of 29.75 Acre, wetland of 34.01 Acre and suitable place for Exhibit and other infrastructures (Parking, Administrative Building, Enclosures, Public Facilities, Service Area, Quarantine Centre, Hospital Area, Food & Kitchen Store, Postmortem Room, Incinerator Building and Residential Area) of 57.58 acres. By the letter no of Central Zoo Authority, New Delhi F . No. 20 – 4 /2008– C Z A (M) Dated 29-01-2009 and order Dated 29-01-2009 on Writ Petition no. 47/1998, the permission was granted to establish the Zoological Park.

Initially, the name of the zoo was decided as “Manyawar Kanshiram Prani Udyan Gorakhpur” but by the Government order no. 975 / 14 – 4 – 2012 Dated 21-05-2012 of Uttar Pradesh Forest Department, Government of Uttar Pradesh, Section – 4, the name of the Zoological Park was finally decided as “Shaheed Ashfaq Ullah Khan Prani Udyan Gorakhpur”.

The construction of basic facilities such as boundary and retaining wall as well as land filling to the whole acquired area was started in 2009. On 12-11-2019, the Master Layout Plan of Shaheed Ashfaq Ullah Khan Prani Udyan Gorakhpur was approved by Central Zoo Authority, New Delhi vide letter no. F. No. 20- 4/200-CZA (Vol. IV) (PKR) / 1717 / 2019 and on dated 06-02-2020, Central Zoo Authority, New Delhi approved the Master Plan of Shaheed Ashfaq Ullah Khan Prani Udyan Gorakhpur, vide letter no. F . No.20 – 4/2008-CZA(Vol.V)(PKR)/2117/ 2020.

Central Zoo Authority, New Delhi approved the Animal Collection Plan of Shaheed Ashfaq Ullah Khan Prani Udyan Gorakhpur vide letter no. F.No.20-4/2008-CZA (Vol. IV) (PKR) /1719 / 2019 Dated 12-11-2019. In the end of 2020 the construction was completed. After the completion of all the other facilities, The Shaheed Ashfaq Ullah Khan Prani Udyan was recognized as Zoological Park vide Central Zoo Authority, New Delhi letter no. F.No.20-4/2015-CZA(Vol.II)(E) Dated 18-12-2020 under the section of Wildlife Protection Act, 1972 – 38H (1), (3) & (4).

In the month of February and March, 2021 more than 150 wild animals of 34 species from different Zoological Parks were transported successfully to Shaheed Ashfaq Ullah Khan Prani Udyan Gorakhpur and finally after quarantine and acclimatization, the Zoo was opened for visitors by Hon’ble Chief Minister, Uttar Pradesh Shri Yogi Adityanath on 27-03-21.

3. Vision

Zoological parks, of late, have undergone a complete conceptual change from merely being a place for keeping wild animals in captivity, just for their exhibition value. Now the modern zoos have multifarious roles to play. Besides age old exhibition and recreation values, zoos shoulder additional responsibility to act as nature conservation centres to further the cause of wildlife conservation. Zoos also have education value, where the visiting publics get an opportunity to learn about nature, natural history, eco-systems, wildlife and their conservation issues to get sensitized to become nature lovers, leading to become conservationist. Zoos are nature’s laboratories, offering ample opportunities to carry out research on animal health, nutrition, food, diseases, anatomy, physiology, inter and intra spp. behaviour, breeding biology and to make base line data pool of healthy spp. for clinical treatment of wild animals.

The world zoo Conservation Strategy of 1993 formulated by the I.U.C.N. has defined the role of zoos and aquariums in conservation of species globally and assigned to the zoo world, a key role to play in species conservation. The Strategy affirms the need for zoos to co-operate with each other, in captive breeding programme and to convey to their visitors a global conservation message.

Most zoos are still seen as “animal prisons” that don’t even look after their inmates properly. But zoos are changing. In modern zoos, only a few animals have to spend their lives behind bars. In the best cases, they have plenty of room to move in spacious artificial landscapes based on their natural habitats. Animals are now only very rarely taken straight from the wild, because many species are protected, so most animals in zoos today have actually been born there. The World Association of Zoos and Aquariums (WAZAA) wants today’s zoos to concentrate on conservation and make the public aware of nature and environment issues.

Gorakhpur Zoo is situated in tarai arc landscape of focal terrain of Gorakhpur in Uttar Pradesh. The area is rich bio-diversity and so to activate the network of key conservationist, strategist and people with a set goal of positive contribution towards nature and its conservation.

As we know that every Zoological Park in the country has been mandated to conserve a local species of that area and Gorakhpur Zoo being assigned the mandate for conservation breeding of Indian one horned rhinoceros.

Gorakhpur Zoo is only place in the eastern part of U.P. covering approximate 25 districts, out of which more than 05 districts have natural dense forest and different wild animals including Schedule I and II in it. To overcome from man-animal conflict situation and to save the animals which are orphaned or unable to sustained their life in dense forest, the Zoo has a rescue facility. This is the only rescue facility operational in the eastern Uttar Pradesh, variety of wild animals had been rescued at various periods of time.

4. **Mission**

“Inspiring passion for nature and saving wildlife for future generations”.

5. **Objective**

Having appreciated and recognizing the responsibility of zoos in wildlife conservation, education, research and healthy educational recreation and to achieve the goals set by Central Zoo Authority, in National Zoo Policy, 1998, the future objectives of the **Shaheed Ashfaq Ullah Khan (S.A.U.K. for short) Zoological Park** being set up, at Gorakhpur, will be as under: -

1. To supplement and strengthen the national efforts in conservation of the rich biodiversity of the country particularly the local wild fauna.
2. To support the conservation of endangered species through coordinated breeding programmes among the zoos, under ex-situ conditions and raise faunal stocks for rehabilitation in to the wild following proper rehabilitation programme, whenever and wherever, it is desired.
3. To educate zoo visitors in particular and masses in general through education, awareness and outreach programmes to inculcate in them empathy and love for wild animals, spreading understanding and awareness about the need for conservation of nature for maintaining the ecological balance and ensuring man’s own survival
4. To provide opportunities for scientific studies/research useful for conservation in general and creation of data base for sharing between the agencies involved in in-situ and ex-situ conservation.
5. To provide and avail opportunities to carry out research for veterinary requirement of wild animals.
6. To collect and preserve specimen of dead animals for education in Universities and colleges in Zoology and vet. Sciences.
7. To provide educational recreation to the stressed masses for their welfare and create a linkage between humans and their wild brethren.
8. To function as rescue centre for orphaned and salvaged indigenous wild animals, and making them fit (if not too old and decrepit) for release in to the wild after restoring their health and following release and rehabilitation protocol.

6. About us

S.No.	Particulars	Information
Basic Information about the Zoo		
1	Name of the Zoo	Shaheed Ashfaq Ullah Khan Prani Udyan Gorakhpur
2	Year of Establishment	2021
3	Address of the Zoo	Near Ramgarhtal, Gorakhpur-Deoria Bypass Road, Gorakhpur, U.P. 273016
4	State	Uttar Pradesh
5	Telephone Number	7839887249
6	Fax Number	---
7	E-mail address	gorakhpurzoo2018@gmail.com, gorakhpur-zoo@up.gov.in
8	Website	www.gorakhpurzoo.org
9	Distance from nearest	Airport: 11.3 km
		Railway Station: 7.3 km
		Bus Stand: 6.8 km
10	Recognition Valid upto (Date)	06-12-2022
11	Category of zoo	Mini Zoo
12	Area (in Hectares)	49.10
13	Number of Visitors (Financial Year)	Adult : 581160
		Children : 187238
		Total Indian : 768398
		Total Foreigners : 1
		Total Visitors: 768399
14	Visitors' Facilities Available in Zoo	<ul style="list-style-type: none"> • Public facilities like toilets • Sufficient number of drinking water taps • Visitor information centre • Zoo education facilities • Kiosks and restaurant • First Aid

S.No.	Particulars	Information
		<ul style="list-style-type: none"> • Wheelchair and ramps • Anti-venom <p>Other Facilities</p> <p>Battery Operated Vehicle, Resting Sheds/Rain Shelters, Baby Prams, 7D Theatre, Open Air Theatre, Multipurpose hall for Education & Training, Souvenir Shops, Parking, ATM, Cloak Room</p>
15	Weekly Closure Day of the Zoo	Monday
Management Personnel of the zoo		
16	Name with designation of the Officer in-charge	Dr. Manoj Kumar Shukla (15-06-2023 onward)
	Name of the Veterinary Officer	Dr. Yogesh Pratap Singh
	Name of the Curator	-
	Name of the Biologist	-
	Name of the Education Officer	-
	Name of the Compounder/ Lab Assistant	-
Owner / Operator of the Zoo		
17	*Name of the Operator	Dr. Manoj Kumar Shukla (15-06-2023 onward)
18	Address of the Operator	Shaheed Ashfaq Ullah Khan Prani Udyaan, Near Ramgarhtal, Gorakhpur-Deoria Bypass Road, Gorakhpur, U.P. 273016
19	Contact details/Phone number of Operator	7839887249
20	E-mail address of Operator	gorakhpurzoo2018@gmail.com, gorakhpur-zoo@up.gov.in

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

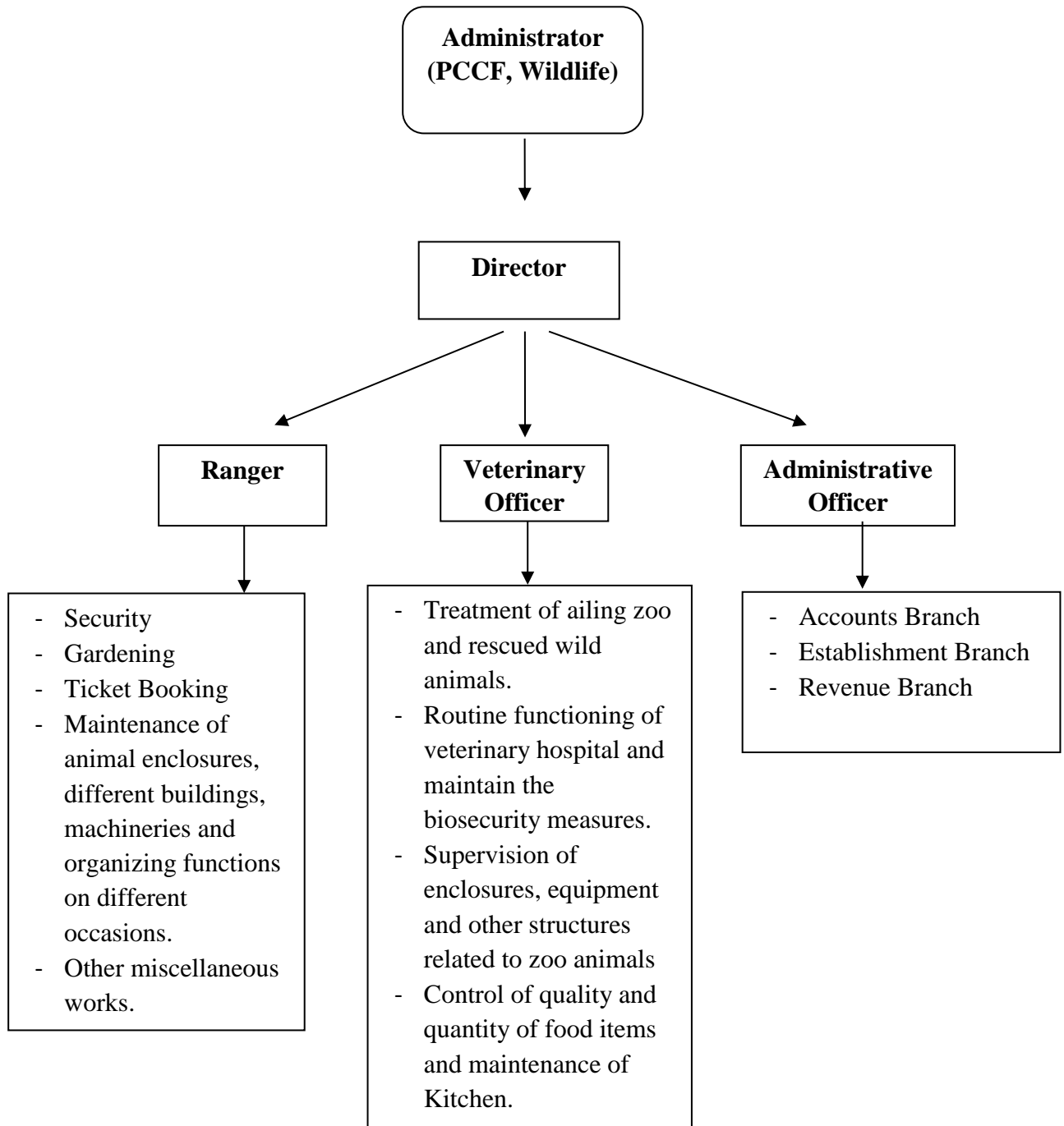
"Zoo Operator" means the person who has ultimate control over the affairs of the zoos provided that _____

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*

Sl. No.	Designation	Number of Sanctioned Posts	Names of the incumbent (As on 31-03-2023)
Departmentally Sanctioned Posts by Government Order No. 1264/14-4-2017-11/2017 Forest and Wildlife Section-4 dated 12.10.2017			
1	Director / Conservator of Forests	1	1- Dr. H.Raja Mohan
2	Veterinarian	1	1- Dr. Yogesh Pratap Singh
3	Range Forest Officer	2	1- Shri Rajesh Pandey
4	Deputy Range Forest Officer	1	1- Shri Chandrabhooshan Paswan (Attached to F.R.I, Kanpur) 2- Shri Rohit Singh
5	Veterinary assistant/Compounder	1	-
6	Forester	2	1- Shri Suresh Kumar Sinha (Attached from Sohagibarwa, wildlife Sanctuary) 2- Shri Markandey Gaud (Attached from Gorakhpur Forest Division)
7	Forest Guard/ Wildlife Protector	4	1- Shri Shailesh Kumar Gupta 2- Shri Neeraj Singh 3- Shri Sumit Yadav
8	Administrative Officer	1	1- Shri Rajeev Kumar Srivastava
9	Senior Assistant	2	1- Shri Satyendra Kumar Srivastava 2- Shri Jaisingh
10	Junior Assistant	2	-
11	Stenographer	1	-
12	Compiler	1	-
13	Booking Clerk	3	1- Shri Shashi Bhushan Srivastava 2- Shri Harishankar 3- Shri Krishna Singh
14	Electrician cum Mechanic	1	1- Shri Abhishek Kumar
15	Head Keeper	1	-
16	Keeper Cum watchman	24	1- Shri Siddhant Raj 2- Shri Anil Kumar 3- Shri Deepchandra 4- Shri Abhishek Kumar 5- Shri Bhanu Pratap 6- Shri Anoop Kumar Gautam 7- Shri Sunil Kumar 8- Shri Vijay Kumar 9- Shri Syed Shahrukh 10- Shri Neeraj 11- Shri Pradeep Kumar 12- Shri Devendra Singh

			13- Shri Rakesh Kumar I 14- Shri Prashant Kumar 15- Shri Satyaprakash 16- Shri Rakesh Kumar II 17- Shri Rajkumar Yadav 18- Shri Pushpendra Kumar Pandey 19- Shri Ravi Pratap Yadav 20- Shri Mulayam Singh 21- Shri Pushpendra Mishra
17	Head Gardener	1	1- Shri Yogendra Gaud
18	Gardner	14	1- Shri Shashi Kumar Gautam 2- Shri Pawan Kumar Gaur 3- Shri Aman Yadav 4- Shri Vivek Singh 5- Shri Surya Dev 6- Shri Sachchidanand Pandey 7- Shri Vinay Kumar 8- Shri Gaurav Srivastava 9- Shri Devanand 10- Shri Sandeep Kumar 11- Shri Chandradev 12- Shri Arvind Kumar Singh 13- Shri Jagdamba 14- Shri Jagat Lal
19	Security In charge/Senior Watchman	1	-
20	Driver	2	1- Shri Ranjit Chauhan 2- Shri Radheshyam Yadav
21	Orderly/Postman	3	1- Shri Gaurishankar Chauhan 2- Smt. Khushboo Singh 3- Ms. Ruchika Jaiswal
22	Cook	1	1- Shri Abhishek Kumar
23	Food Distributor	2	1- Shri Rahul Kumar 2- Shri Gopal Singh
24	Black Smith/Welder	1	-
25	Zoo Educator	1	-
26	Conductor/Guard/Driver	2	1- Shri Deepak Kumar Paswan 2- Shri Keshav Kumar
27	Sweeper	12	1- Shri Dinanath 2- Shri Shivshankar 3- Smt. Urmila 4- Shri Brijesh 5- Mohd Wasim 6- Shri Mainuddin 7- Smt. Lakshmi 8- Shri Dinesh Kumar 9- Smt. Neela 10- Mohd Muslim 11- Shri Anil Kumar 12- Shri Raju Paswan
Total		88	75 (73 Regular+02 Attached)

Sanctioned Posts by Shaheed Ashfaq Ullah Khan Prani Udyan Gorakhpur Society			
1	Veterinarian	1	1- Dr. Ravi Yadav
2	Veterinary pharmacist	1	-
3	Entomologist/Zoologist/ Biologist	1	-
4	Security Guard	25	1- Shri Dheeraj Kumar Kushwaha 2- Shri Rajkumar Maurya 3- Shri Rajan Paswan 4- Shri Satyadev Chauhan 5- Shri Anshuman Singh 6- Shri Abhay Chauhan 7- Shri Shailesh Kumar Gupta 8- Shri Samar Singh 9- Shri Satish Chandra 10- Shri Kavlesh Singh 11- Shri Shashi Prakash Rao 12- Shri Rahul Yadav 13- Shri Rajeev Kumar Yadav 14- Shri Indrajeet 15- Shri Jitendra Kumar 16- Shri Susheel Kumar Gond (U.P.P.S.K.N.) 17- Shri Vinod Singh (U.P.P.S.K.N.) 18- Shri. Dharmendra Sahni (U.P.P.S.K.N.) 19- Shri. V.K Singh (U.P.P.S.K.N.) 20- Shri. Dharmendra Paswan (U.P.P.S.K.N.) 21- Shri. Balram (U.P.P.S.K.N.) 22- Shri. Vinod Singh (U.P.P.S.K.N.) 23- Shri. Babu Ram Maurya (U.P.P.S.K.N.)
5	Computer Operator	2	1- Shri Shikhar Srivastava
6	Accountant	1	-
7	Junior Clerk	2	1- Shri Harish Kumar 2- Shri Sushil Kumar Gaud
8	Pump Operator/Plumber	3	1- Shri Akhilesh Singh
9	Driver	4	-
10	Sweeper	8	1- Smt. Ragini Pandey 2- Shri Akhtar Alam 3- Shri Jitendra Nishad 4- Smt. Savita Kumari
Total		48	32
Grand Total		136	107

9. Capacity Building of Zoo Personnel

Sl. No.	Name and designation of the zoo personnel	Subject matter of Training	Period of Training	Name of the Institution where the Training attended
1	Sh. Siddhant Raj Srivastava- Zoo Keeper Sh. Pushpendra Mishra – Zoo Keeper Sh. Pushpendra Pandey– Zoo Keeper Sh. Rakesh Yadav – Zoo Keeper Sh. Anup Kumar Gautam – Zoo Keeper Sh. Prashant Kumar– Zoo Keeper Sh. Vijay Kumar – Zoo Keeper Sh. Ravi Pratap Yadav – Zoo Keeper Sh. Mulayam Singh – Zoo Keeper	Handling of aquatic species in distress	19.12.2022 To 21.12.2022 (3 Days)	Wildlife institute of India, Dehradun, Uttarakhand (Venue: Gorakhpur Zoo Campus)
2	Sh. Sumit Kumar Yadav – FG Sh. Ravi Pratap Yadav – Zoo Keeper Sh. Pushpendra Pandey– Zoo Keeper Sh. Pushpendra Mishra – Zoo Keeper Sh. Rajkumar Yadav – Zoo Keeper Sh. Abhishek Kumar – Zoo Keeper Sh. Mulayam Singh – Zoo Keeper Sh. Anup Kumar Gautam – Zoo Keeper Sh. Satyaprakash – Zoo Keeper Sh. Rakesh Yadav – Zoo Keeper Sh. Pradeep Kumar – Zoo Keeper Sh. Gopal Singh - food distributor Moh Muslim – Sweeper Sh. Shashi Kumar Gautam - gardener	Zoo Keeper Program	1 Day 25.03.2023	Forest Training institute, Kanpur, Uttar Pradesh

10. Zoo Advisory Committee –

A. Date of constitution: 05-03-2021

B. Members:

Sr. No.	Name & Address	Designation/ Status in Society
1	Additional Chief Secretary/ Principal Secretary, Environment, Forest & Climate Change, Government of Uttar Pradesh	Chairperson
2	Additional Chief Secretary/Principal Secretary, Finance, Government of Uttar Pradesh or his nominee who shall not be less than Special Secretary in rank.	Member
3	Additional Chief Secretary/Principal Secretary, Planning, Government of Uttar Pradesh or his nominee who shall not be less than Special Secretary in rank.	Member

4	Additional Chief Secretary/Principal Secretary, Tourism, Government of Uttar Pradesh or his nominee who shall not be less than Special Secretary in rank.	Member
5	Additional Chief Secretary/Principal Secretary, Animal Husbandry, Government of Uttar Pradesh or his nominee who shall not be less than Special Secretary in rank.	Member
6	Principal Chief Conservator of Forests & HoFF, Uttar Pradesh	Member
7	Managing Director, Uttar Pradesh Forest Corporation	Member
8	Principal Chief Conservator of Forests, wildlife/ Chief Wildlife Warden, Uttar Pradesh	Vice Chairperson
9	Member Secretary, State Zoo Authority, Uttar Pradesh	Member
10	District Magistrate, Gorakhpur	Member
11	Director, Shaheed Ashfaq Ullah Khan Prani Udyaan, Gorakhpur	Member-Secretary
12	An officer of Financial Service of State posted in Gorakhpur	Member
13	Director, Wildlife Institute of India, Dehradun or his nominee	Member
14	Director, Indian Veterinary Research Institute, Bareilly or his nominee	Member
15	A person nominated by State government having interest in wildlife conservation (for period of two years)	Special Invitee
16	A person nominated by State Government having specialized experience in the field of managing Zoological gardens/safaris (for period of two years)	Special Invitee

C. Dates on which Meetings held during the year: 27-07-2021

11. Health Advisory Committee–

A. Date of constitution: 17-03-2004

B. Members:

Sr. No.	Name & Address	Designation/Status in Committee
1	Principal Chief Conservator of Forests & HoFF, Uttar Pradesh	Chairperson
2	Principal Chief Conservator of Forests, wildlife/ Chief Wildlife Warden, Uttar Pradesh	Vice Chairperson
3	Member Secretary, Central Zoo Authority, New Delhi or his nominee	Member
4	Member Secretary, State Zoo Authority, Uttar Pradesh	Member
5	Director, Animal Husbandry Department, Uttar Pradesh	Member

6	Director, Kanpur Zoological Park, Kanpur	Member
7	Director, Etawah Safari Park, Etawah	Member
8	Director, Shaheed Ashfaq Ullah Khan Prani Udyan Gorakhpur	Member
9	Veterinary Officer/Dy. Director, Nawab Wajid Ali Shah Zoological Garden, Lucknow	Member
10	Veterinary Officer, Kanpur Zoological Park, Kanpur	Member
11	Veterinary Officer, Shaheed Ashfaq Ullah Khan Prani Udyan Gorakhpur	Member
12	Veterinary Officer, Etawah Safari Park, Etawah	Member
13	Incharge, IVRI, Bareilly	Member
14	Director Clinic, Veterinary College, DUVASU, Mathura	Member

C. Dates on which Meetings held during the year: 28-06-2021

12. Statement of income and expenditure of the Zoo

Income (Rs.): 4,50,21,469.00

Expense (Rs.): 6,03,52,168.00

13. Daily feed Schedule of animals

S.N.	Species	Feed Item	Quantity (Per Animal)		Day Of Fasting
			Summer	Winter	
1.	Tiger	Buffalo Calf meat (Kg)	10	15	Friday
2.	White Tiger	Buffalo Calf meat (Kg)	10	15	Friday
3.	Asiatic Lion	Buffalo Calf meat (Kg)	10	14	Friday
4.	Leopard/Panther	Buffalo Calf meat (Kg)	3.500	5.000	Friday
5.	Common Fox	Buffalo Calf meat (Kg)	0.300	0.500	Friday
6.	Jackal	Buffalo Calf meat (Kg)	1.000	1.500	Friday
7.	Hyena	Buffalo Calf meat (Kg)	3.500	4.500	Friday
8.	Jungle cat	Buffalo Calf meat (Kg)	0.500	0.750	Friday
9.	Sloth bear/ Himalayan Black Bear	Milk and milk products (Kg) Concentrate (Rice and barley flour) (Kg) Seasonal fruit & vegetables (Kg) Egg Honey Gur/Jaggary (Kg)	2.0 0.750 4.000 -- -- --	2.500 1.000 5.000 1 pieces 50 gm 0.050	
10.	Black buck	Concentrate & Chokar (Kg) Soaked gram (Kg) Vegetables (Kg) Green fodder (Chari/Barseem) (Kg)	0.300 0.300 0.500 1.5 to 2	0.300 0.300 0.500 1.5 to 2	

		Gur/Jaggary (Kg)	--	0.050	
11.	Swamp deer	Concentrate & Chokar (Kg)	1.750	2.000	
		Soaked gram (Kg)	0.500	0.500	
		Seasonal fruit & vegetables (Kg)	1.500	1.500	
		Green fodder (Chari/Barseem/Lopping/Browsing) (Kg)	5.500	5.500	
		Gur/Jaggary (Kg)	--	0.100	
12.	Hog deer	Concentrate & Chokar (Kg)	0.300	0.300	
		Soaked gram (Kg)	0.300	0.300	
		Seasonal Fruits& vegetables (Kg)	0.500	0.500	
		Green fodder (Chari/Barseem/Lopping/Browsing) (Kg)	2.000	2.000	
		Gur/Jaggary (Kg)	--	0.050	
13.	Spotted deer	Concentrate & Chokar (Kg)	1.100	1.100	
		Soaked gram (Kg)	0.400	0.400	
		Seasonal fruit & vegetables (Kg)	0.800	0.800	
		Green fodder (Chari/Barseem/Lopping/Browsing) (Kg)	1.500	1.500	
		Gur/Jaggary (Kg)	--	0.075	
14.	Sambar deer	Concentrate & Chokar (Kg)	2.00	2.50	
		Soaked gram (Kg)	0.800	0.800	
		Seasonal fruit & vegetables (Kg)	1.500	1.500	
		Green fodder (Chari/Barseem/Lopping/Browsing) (Kg)	5.500	5.500	
		Gur/Jaggary (Kg)	--	0.100	
15.	Barking deer	Concentrate & Chokar (Kg)	0.300	0.300	
		Soaked gram (Kg)	0.250	0.250	
		Seasonal fruit & vegetables (Kg)	0.500	0.500	
		Green fodder (Chari/Barseem/Lopping/Browsing) (Kg)	2.000	2.000	
		Gur/Jaggary (Kg)	--	0.050	
16.	Hippopotamus	Concentrate & Chokar (Kg)	6.000	7.000	
		Seasonal fruit & vegetableskg. (Kg)	30-35	35-40	
		Jaggery(Kg)	0.500	0.750	
		Black salt (Kg)	0.050	0.050	
		Green fodder (Chari/Barseem/Lopping/Browsing) (Kg)	70	80	
17.	Rhinoceros	Concentrate & Chokar (Kg)	8.000	10.000	
		Soaked Gram and pulses (Kg)	4.000	5.000	
		Seasonal fruit & vegetables (Kg)	35.000	45.000	
		Jaggery (Kg)	0.500	1.00	
		Black salt (Kg)	0.050	0.050	
		Green fodder (Chari/Barseem/Lopping/Browsing) (Kg)	90.000	100.000	
18.	Indian Porcupine	Soaked Gram (Kg)	0.125	0.125	
		Seasonal fruit & vegetables (Kg)	1	1.200	
		Peanuts	--	50 gm	
19.	Bonnet Macaque	Bread	100 gm	100 gm	
		Egg	--	1 pcs	
		Seasonal fruit & vegetables (Kg)	2.250	2.250	
		Peanuts	--	50 gm	
20.	Langur	Bread	150 gm	150 gm	
		Egg	--	1 pcs	
		Seasonal fruit & vegetables (Kg)	3.000	3.000	
		Peanuts	--	50 gm	
21.	Rhesus Macaque	Bread	150 gm	150 gm	
		Egg	--	1 pcs	
		Seasonal fruit & vegetables (Kg)	2.500	2.500	
		Peanuts	--	50 gm	
22.	Peacock	Concentrate (Pulses and Grains) (Kg)	0.200	0.250	
		Seasonal fruit & vegetables (Kg)	0.300	0.400	

23.	Indian Red Breasted Parakeet	Concentrate (Kg)	0.125	0.125	
		Seasonal fruit & vegetables (Kg)	0.400	0.400	
24.	Cockatiel	Concentrate (Kg)	0.060	0.060	
		Seasonal fruit & vegetables (Kg)	0.050	0.050	
25.	Rose ring Parakeet	Concentrate (Kg)	0.030	0.030	
		Seasonal fruit & vegetables (Kg)	0.050	0.050	
26.	Love Birds	Concentrate (Pulses and small Grains) (Kg)	0.030	0.030	
27.	Budgerigars	Concentrate (Pulses and small Grains) (Kg)	0.050	0.050	
28.	Painted Stork	Small fish (Kg)	0.500	0.500	
29.	Muscovy Duck	Small fish (Kg)	0.500	0.500	
30.	Rosy pelican	Big Fish (Kg)	1.500	1.500	
31.	Goose	Concentrate (Kg)	0.525	0.525	
32.	Swan Duck	Big Fish (Kg)	0.750	0.750	
33.	Indian Python	Rabbits in 1 month (Till 8 month)	4	--	
34.	R. Viper	Rat	1 to 2 - on every 10 th day	--	
35.	Rat Snake	Rat	1 to 2 - on every 10 th day	--	
36.	Common sand boa	Rat	1 to 2 - on every 10 th day	--	
37.	Turtle (2 Sp.)	Minced meat/Seasonal fruits (Kg)	1.500	1.500	
38.	Ghariyal	Fish (Kg)	1	--	
39.	Crocodile Marsh (Mugger)	Buffalo beef meat (Kg)	0.250	0.250	
		Fish (Kg)	4	4	

Note- Fruits and vegetables are provided according to the season and availability.

14. Vaccination Schedule of animals

S. No.	Species	Disease vaccinated for	Name of the Vaccine and dosage/ quantity used	Periodicity	Remarks	Month
1	Tiger	1.Feline Panleukopenia, 2.Herpesviral (Rhino-tracheitis) 3.Calciviral 4.Rabies	Biofel PCHR 1 ml s/c	Annual	-	September
		Canine Distemper (CD)	1 ml s/c	Annual	-	September
2	Asiatic Lion	1.Feline Panleukopenia, 2.Herpesviral (Rhino-tracheitis) 3.Calciviral 4.Rabies	Biofel PCHR 1 ml s/c	Annual	-	September
		Canine Distemper (CD)	1 ml s/c	Annual	-	September
3	Leopard/Panther	1.Feline Panleukopenia, 2.Herpesviral (Rhino-tracheitis) 3.Calciviral 4.Rabies	Biofel PCHR 1 ml s/c	Annual	-	September
		Canine Distemper (CD)	1 ml s/c	Annual	-	September

4	J. Cat	1.Feline Panleukopenia, 2.Herpesviral (Rhinotracheitis) 3.Calciviral 4.Rabies	Biofel PCHR 1 ml s/c	Annual	-	September
		Canine Distemper (CD)	1 ml s/c	Annual	-	September
5	Hyena	Canine Distemper, Adenovirus Type 1, Adenovirus Type 2, Hepatitis, Parainfluenza, Parvovirus, Leptospira, Rabies	1ml s/c	Annual	-	February
6	Jackal	Canine Distemper, Adenovirus Type 1, Adenovirus Type 2, Hepatitis, Parainfluenza, Parvovirus, Leptospira, Rabies	1ml s/c	Annual	-	February
7	Common Fox	Canine Distemper, Adenovirus Type 1, Adenovirus Type 2, Hepatitis, Parainfluenza, Parvovirus, Leptospira, Rabies	1ml s/c	Annual	-	February

15. De-worming Schedule of animals

S. No.	Species	Drug used	Month
1-	Lion, Tiger, Hyena, Leopard, Fishing Cat, Jackal, Bear, Fox, Hippo. Rhino	Praziquantel & Pyrantal Pamoate /Ivermectin/Fenbendazole/Albendazole	Once in every 3 month
2-	Sambhar, Hog deer, Barking deer, Cheetal, Black Buck, Swamp Deer	Praziquantel & Pyrantal Pamoate /Ivermectin/Fenbendazole/Albendazole	Once in every 3 month
3-	All primates	Praziquantel & Pyrantal Pamoate /Ivermectin/Fenbendazole/Albendazole	Once in every 3 month
4-	All birds	Levomesol/ Praziquantel & Pyrantal Pamoate/Fenbendazole/Albendazole	Once in every 3 month

16. Disinfection Schedule

S. No.	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
1.	Black buck,	Chain-link Fenced and moated	<ul style="list-style-type: none"> • Virkon-S/ Viracid-S/Vibarid-S • Kohrsolin T H/ Brutargm • Lime/Bleaching Powder • Potassium permanganate • Sokrena 	Monthly
2.	Hog deer	Chain-link Fenced and moated	<ul style="list-style-type: none"> • Virkon-S/ Viracid-S/Vibarid-S • Kohrsolin T H/ Brutargm • Lime/Bleaching Powder • Potassium permanganate • Sokrena 	Monthly
3.	Swamp deer	Chain-link Fenced and moated	<ul style="list-style-type: none"> • Virkon-S/ Viracid-S/Vibarid-S • Kohrsolin T H/ Brutargm • Lime/Bleaching Powder • Potassium permanganate • Sokrena 	Monthly
4.	Barking deer	Chain-link Fenced and moated	<ul style="list-style-type: none"> • Virkon-S/ Viracid-S/Vibarid-S • Kohrsolin T H/ Brutargm • Lime/Bleaching Powder • Potassium permanganate • Sokrena 	Monthly
5.	Spotted deer	Chain-link Fenced and moated	<ul style="list-style-type: none"> • Virkon-S/ Viracid-S/Vibarid-S • Kohrsolin T H/ Brutargm • Lime/Bleaching Powder • Potassium permanganate • Sokrena 	Monthly
6.	Sambar deer	Chain-link Fenced and moated	<ul style="list-style-type: none"> • Virkon-S/ Viracid-S/Vibarid-S • Kohrsolin T H/ Brutargm • Lime/Bleaching Powder • Potassium permanganate • Sokrena 	Monthly
7.	Tiger	Chain-link Fenced and moated	<ul style="list-style-type: none"> • Virkon-S/ Viracid-S/Vibarid-S • Kohrsolin T H/ Brutargm • Lime/Bleaching Powder • Potassium permanganate • Sokrena 	Monthly
8.	Lion	Chain-link Fenced and moated	<ul style="list-style-type: none"> • Virkon-S/ Viracid-S/Vibarid-S • Kohrsolin T H/ Brutargm 	Monthly

			<ul style="list-style-type: none"> • Lime/Bleaching Powder • Potassium permanganate • Sokrena 	
9.	Leopard	Chain-link Fenced and closed	<ul style="list-style-type: none"> • Virkon-S/ Viracid-S/Vibarid-S • Kohrsolin T H/ Brutargm • Lime/Bleaching Powder • Potassium permanganate • Sokrena 	Monthly
10.	Jungle Cat	Chain-link Fenced and closed	<ul style="list-style-type: none"> • Virkon-S/ Viracid-S/Vibarid-S • Kohrsolin T H/ Brutargm • Lime/Bleaching Powder • Potassium permanganate • Sokrena 	Monthly
11.	Sloth bear/ Himalayan Black Bear	Chain-link Fenced and moated	<ul style="list-style-type: none"> • Virkon-S/ Viracid-S/Vibarid-S • Kohrsolin T H/ Brutargm • Lime/Bleaching Powder • Potassium permanganate • Sokrena 	Monthly
12.	Jackal	Chain-link Fenced and moated	<ul style="list-style-type: none"> • Virkon-S/ Viracid-S/Vibarid-S • Kohrsolin T H/ Brutargm • Lime/Bleaching Powder • Potassium permanganate • Sokrena 	Monthly
13.	Fox	Chain-link Fenced and moated	<ul style="list-style-type: none"> • Virkon-S/ Viracid-S/Vibarid-S • Kohrsolin T H/ Brutargm • Lime/Bleaching Powder • Potassium permanganate • Sokrena 	Monthly
14.	Hyena	Chain-link Fenced and moated	<ul style="list-style-type: none"> • Virkon-S/ Viracid-S/Vibarid-S • Kohrsolin T H/ Brutargm • Lime/Bleaching Powder • Potassium permanganate • Sokrena 	Monthly
15.	Hippopotamus	RCC Wall Fenced and moated	<ul style="list-style-type: none"> • Virkon-S/ Viracid-S/Vibarid-S • Kohrsolin T H/ Brutargm • Lime/Bleaching Powder • Potassium permanganate • Sokrena 	Monthly
16.	Rhinoceros	RCC Wall Fenced and moated	<ul style="list-style-type: none"> • Virkon-S/ Viracid-S/Vibarid-S • Kohrsolin T H/ Brutargm 	Monthly

			<ul style="list-style-type: none"> • Lime/Bleaching Powder • Potassium permanganate • Sokrena 	
17.	Peacock House	Chain-link Fenced and Closed	<ul style="list-style-type: none"> • Virkon-S/ Viracid-S/Vibarid-S • Kohrsolin T H/ Brutargm • Lime/Bleaching Powder • Potassium permanganate • Sokrena 	Monthly
18.	Walk in Avery	Chain-link Fenced and Closed	<ul style="list-style-type: none"> • Virkon-S/ Viracid-S/Vibarid-S • Kohrsolin T H/ Brutargm • Lime/Bleaching Powder • Potassium permanganate • Sokrena 	Monthly
19.	All Birds Enclosures	Chain-link Fenced and Closed	<ul style="list-style-type: none"> • Virkon-S/ Viracid-S/Vibarid-S • Kohrsolin T H/ Brutargm • Lime/Bleaching Powder • Potassium permanganate • Sokrena 	Monthly
20.	Langur	Chain-link Fenced	<ul style="list-style-type: none"> • Virkon-S/ Viracid-S/Vibarid-S • Kohrsolin T H/ Brutargm • Lime/Bleaching Powder • Potassium permanganate • Sokrena 	Monthly
21.	R. Macaque	Wall Fenced and moated	<ul style="list-style-type: none"> • Virkon-S/ Viracid-S/Vibarid-S • Kohrsolin T H/ Brutargm • Lime/Bleaching Powder • Potassium permanganate • Sokrena 	Monthly
22.	B. Macaque	Wall Fenced and moated	<ul style="list-style-type: none"> • Virkon-S/ Viracid-S/Vibarid-S • Kohrsolin T H/ Brutargm • Lime/Bleaching Powder • Potassium permanganate • Sokrena 	Monthly
23.	Indian Porcupine	Chain-link Fenced and Closed	<ul style="list-style-type: none"> • Virkon-S/ Viracid-S/Vibarid-S • Kohrsolin T H/ Brutargm • Lime/Bleaching Powder • Potassium permanganate • Sokrena 	Monthly
24.	Snake House	Closed House	<ul style="list-style-type: none"> • Virkon-S/ Viracid-S/Vibarid-S • Kohrsolin T H/ Brutargm 	Monthly

			<ul style="list-style-type: none"> • Lime/Bleaching Powder • Potassium permanganate • Sokrena 	
25.	Crocodile Pond	Wall Fenced and moated	<ul style="list-style-type: none"> • Virkon-S/ Viracid-S/Vibarid-S • Kohrsolin T H/ Brutargm • Lime/Bleaching Powder • Potassium permanganate • Sokrena 	Monthly
26.	Gharial Pond	Wall Fenced and moated	<ul style="list-style-type: none"> • Virkon-S/ Viracid-S/Vibarid-S • Kohrsolin T H/ Brutargm • Lime/Bleaching Powder • Potassium permanganate • Sokrena 	Monthly
27.	Turtle	Chain-link Fenced and Closed	<ul style="list-style-type: none"> • Virkon-S/ Viracid-S/Vibarid-S • Kohrsolin T H/ Brutargm • Lime/Bleaching Powder • Potassium permanganate • Sokrena 	Monthly
28.	All fishes	Closed House	<ul style="list-style-type: none"> • Virkon-S/ Viracid-S/Vibarid-S • Kohrsolin T H/ Brutargm • Lime/Bleaching Powder • Potassium permanganate • Sokrena 	Monthly
29.	All Rescue ward	Closed House with chain link fenced closed kraal	<ul style="list-style-type: none"> • Virkon-S/ Viracid-S/Vibarid-S • Kohrsolin T H/ Brutargm • Lime/Bleaching Powder • Potassium permanganate • Sokrena 	Monthly
30.	All Quarantine enclosure	Closed House with chain link fenced closed kraal	<ul style="list-style-type: none"> • Virkon-S/ Viracid-S/Vibarid-S • Kohrsolin T H/ Brutargm • Lime/Bleaching Powder • Potassium permanganate • Sokrena 	Monthly
31.	All hospital enclosure	---	<ul style="list-style-type: none"> • Virkon-S/ Viracid-S/Vibarid-S • Kohrsolin T H/ Brutargm • Lime/Bleaching Powder • Potassium permanganate • Sokrena 	Daily

32.	Kitchen	----	<ul style="list-style-type: none"> • Virkon-S/ Viracid-S/Vibarid-S • Kohrsolin T H/ Brutargm • Lime/Bleaching Powder • Potassium permanganate • Sokrena 	Daily
33.	Meat House	----	<ul style="list-style-type: none"> • Virkon-S/ Viracid-S/Vibarid-S • Kohrsolin T H/ Brutargm • Lime/Bleaching Powder • Potassium permanganate • Sokrena 	Daily
34.	Feed Store	----	<ul style="list-style-type: none"> • Virkon-S/ Viracid-S/Vibarid-S • Kohrsolin T H/ Brutargm • Lime/Bleaching Powder • Potassium permanganate • Sokrena 	Daily

17. Health Check-up of employees for zoonotic diseases

Sl. No.	Name	Designation	Date of Health Check up	Findings of Health Check up
1	Dr. H. Rajamohan	Director	12-02-2023	Healthy
2	Dr. Yogesh Pratap Singh	Veterinary Officer	12-02-2023	Healthy
3	Shri. Rajeev Kumar Srivastava	Adm. Officer	12-02-2023	Healthy
4	Shri. Rajesh Kumar Pandey	Dy. RO	12-02-2023	Healthy
5	Shri. Chandrabhushan Paswan	Dy. RO	12-02-2023	Healthy
6	Shri Satyendra Kumar Srivastava	Senior Assistant	12-02-2023	Healthy
7	Shri Jaisingh	Senior Assistant	12-02-2023	Healthy
8	Shri. Suresh Kumar Sinha	Forester	12-02-2023	Healthy
9	Shri. Markandey Gond	Forester	12-02-2023	Healthy
10	Shri Sumit Yadav	Forest Guard	12-02-2023	Healthy
11	Shri Shailesh Kumar Gupta	Wildlife Guard	12-02-2023	Healthy
12	Shri Neeraj Singh	Wildlife Guard	12-02-2023	Healthy
13	Dr. Ravi Yadav	Veterinarian	12-02-2023	Healthy
14	Shri Deepchandra	Zoo Keeper	12-02-2023	Healthy
15	Shri Abhishek Kumar	Zoo Keeper	12-02-2023	Healthy
16	Shri Bhanu Pratap	Zoo Keeper	12-02-2023	Healthy
17	Shri Satyaprakash	Zoo Keeper	12-02-2023	Healthy
18	Shri Sunil Kumar	Zoo Keeper	12-02-2023	Healthy
19	Shri Vijay Kumar	Zoo Keeper	12-02-2023	Healthy
20	Shri Syed Shahrukh	Zoo Keeper	12-02-2023	Healthy
21	Shri Neeraj	Zoo Keeper	12-02-2023	Healthy
22	Shri Pradeep Kumar	Zoo Keeper	12-02-2023	Healthy
23	Shri Devendra Singh	Zoo Keeper	12-02-2023	Healthy
24	Shri Rakesh Kumar 1	Zoo Keeper	12-02-2023	Healthy
25	Shri Prashant Kumar	Zoo Keeper	12-02-2023	Healthy

26	Shri Rakesh Kumar II	Zoo Keeper	12-02-2023	Healthy
27	Shri Anup Kumar	Zoo Keeper	12-02-2023	Healthy
28	Shri Mulayam Singh	Zoo Keeper	12-02-2023	Healthy
29	Shri Pushpendra Kumar Pandey	Zoo Keeper	12-02-2023	Healthy
30	Shri Ravi Pratap Yadav	Zoo Keeper	12-02-2023	Healthy
31	Shri Pushpendra Mishra	Zoo Keeper	12-02-2023	Healthy
32	Shri Rajkumar Yadav	Zoo Keeper	12-02-2023	Healthy
33	Shri Anil Kumar	Zoo Keeper	12-02-2023	Healthy
34	Shri Siddhant Raj Srivastava	Zoo Keeper	12-02-2023	Healthy
35	Shri Shashi Bhushan Srivastava	Booking Clerk	12-02-2023	Healthy
36	Shri Shashi Kumar Gautam	Gardner	12-02-2023	Healthy
37	Shri Sachchidanand Pandey	Gardner	12-02-2023	Healthy
38	Shri Jagat Lal	Gardner	12-02-2023	Healthy
39	Shri Ranjit Chauhan	Driver	12-02-2023	Healthy
40	Shri Rahul Kumar	Food Distributor	12-02-2023	Healthy
41	Shri Gopal Singh	Food Distributor	12-02-2023	Healthy
42	Shri Deepak Kumar Paswan	Driver	12-02-2023	Healthy
43	Shri Dinanath	Sweeper	12-02-2023	Healthy
44	Shri Shivshankar	Sweeper	12-02-2023	Healthy
45	Shri Brijesh	Sweeper	12-02-2023	Healthy
46	Smt. Lakshmi	Sweeper	12-02-2023	Healthy
47	Shri Dinesh Kumar	Sweeper	12-02-2023	Healthy
49	Smt. Neela	Sweeper	12-02-2023	Healthy
50	Mohd. Muslim	Sweeper	12-02-2023	Healthy
51	Shri Anil Kumar	Sweeper	12-02-2023	Healthy
52	Mohd. Wasim	Sweeper	12-02-2023	Healthy
53	Shri Mainuddin	Sweeper	12-02-2023	Healthy

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

- i) Fabrication Work in Rhino enclosure to facilitate breeding of animal.
- ii) Construction of additional kraal in Tiger house.
- iii) Construction of additional chain linked fencing towards in Zebra house.
- iv) Installation of CCTV's.

19. Education and Awareness programmes during the year

- i) Training to zoo keepers and staff by WII
- ii) Training to zoo keepers and staff by FTI, Kanpur U.P.
- iii) Training to all Zoo Keeper, Kitchen Staff, mali, sweeper & chaukidar to improve work quality.

20. Important Events and happenings

- i) Wildlife Week
- ii) Different days like World Environment Day, Wetland day, Lion Day, Rhino Day and other animals day Celebration.
- iii) Celebration of Gorakhpur Zoo 2nd anniversary

21. Seasonal special arrangements for upkeep of animals

- **In Winter:**
 - Heaters
 - Curtains to prevent animals from direct cold.
 - Wooden Beds for Feline, Canines & Primates.
 - Addition of oily Seeds like peanuts, boiled eggs and other seasonal foods.
 - Mustard cake for herbivores.
 - Bedding of paddy straw inside enclosure.
 - Running water availability for Aquatic animals to maintain body temperature.
 - Vitamins, minerals, salt lick and other supplements.
- **In Summer:**
 - Water Sprinklers
 - Foggers for Aviaries.
 - Coolers for caged animals like Lion, Tiger, Leopard, Hyena, Jackal, Bear, Jungle Cat, Monkey etc. and VRV AC for Serpentarium.
 - Ceiling Fans.
 - Running water availability for Aquatic animals to maintain body temperature.
 - Circulating water for crocodiles, turtles, Ghariyal and for water birds.
- **In Rainy:**
 - Roof cover for open cages of birds, monkey etc.
 - To insure the proper drainage from each enclosure
 - Cleaning of grasses and weeds from enclosures.
 - Cleaning of Moats.

22. Research Work carried out and publications

(01) AN OVERVIEW OF OPTIMISING BREEDING CONDITION FOR SPOTTED POND TURTLE IN CAPTIVE

(02) A STUDY ON REPRODUCTIVE BEHAVIOUR OF HIPPOPOTAMUS AMBIBIUS IN CAPTIVE

23. Conservation Breeding Programme of the Zoo

-N/A-

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	Peafowl Aviary	Peafowl	1:1:0	Kanpur Zoological Park, Kanpur, Uttar Pradesh	13-07-2022
2	Jungle Cat Enclosure	Jungle Cat	1:0:0		
3	Rhesus Macaque Enclosure	Rhesus Macaque	0:1:0		
4	Bengal Hanuman langur	Bengal Hanuman langur	0:1:0		

5	Bonnet Macaque Enclosure	Bonnet Macaque	1:1:0	Arignar Anna Zoological Park Vandalur, Chennai, Tamil Nadu	05-04-2023
6	Tiger Enclosure	Tiger (Leucistic/White)	0:1:0	Nawab Wajid Ali Shah Zoological Park, Lucknow, Uttar Pradesh	21-06-2022
7	Himalayan Black Bear Enclosure	Himalayan Black Bear	0:1:0	Kanpur Zoological Park, Kanpur, Uttar Pradesh	03-10-2022
8	Himalayan Black Bear Enclosure	Himalayan Black Bear	1:0:0	Nawab Wajid Ali Shah Zoological Park, Lucknow, Uttar Pradesh	03-10-2022
Animals going from the zoo					
B.	H.NO.	Species	Number (M:F)	Going to which Zoo	Date of deposition from the zoo
	-Nil-	-Nil-	-Nil-	-Nil-	-Nil-

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

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
1.	08-04-2022	Leopard Cub (0:1:0:0)	Meerut (Chandi)	07-04-2022	--	Hand reared cub.
2.	14-06-2022	Leopard (0:1:0:0)	Bijnour (Bhawani)	29-05-2022	--	Hand reared cub.
3.	15-12-2023	Fishing Cat (0:0:1:0)	Balrampur	15-12-2022	--	Injuries in legs.

26. Annual Inventory of animals

Form – II
[See Rule 11(1)]

Part – A

Inventory Report for the Year :

Endangered Species*																									
S.No.	Animal Name	Scientific name	Opening Stock as on (01-Apr-2022)				Births			Acquisition			Disposal			Death			Closing Stock as on (31-Mar-2023)						
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T			
Aves																									
1.	Indian Peafowl	Pavo cristatus	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	2
Total Aves	1		0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	1	0	2	
Mammalia																									
1.	Blackbuck (leucistic/ white)	Antelope cervicapra	5	2	0	7	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
2.	Hog deer	Axis porcinus	2	5	1	8	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	3	5	1	9
3.	Indian Jackal	Canis aureus indicus	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
4.	Jungle Cat	Felis chaus	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
5.	Rhesus Macaque	Macaca mulatta	1	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	2
6.	Bonnet Macaque	Macaca radiata	0	1	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	2	0	3
7.	Sloth Bear	Melursus ursinus	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
8.	Asiatic Lion	Panthera leo persica	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
9.	Leopard	Panthera pardus	1	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	3
10.	Tiger (leucistic/White)	Panthera tigris	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1
11.	Bengal Tiger	Panthera tigris tigris	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
12.	Indian Rhinoceros (Greater One-horned Rhino)	Rhinoceros unicornis	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
13.	Barasingha (Swamp Deer)	Rucervus duvaucelii	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
14.	Bengal Hanuman langur	Semnopithecus entellus	1	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	2
15.	Himalayan Black Bear	Ursus thibetanus laniger	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	2
16.	Bengal Fox	Vulpes bengalensis	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Total Mammalia	16		16	18	1	35	0	1	1	3	5	0	0	0	0	0	0	0	0	0	20	24	1	45	
Reptilia																									
1.	Marsh Crocodile	Crocodylus palustris	0	0	8	8	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	3	5	4	12
2.	Russell's Viper	Daboia russelii	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
3.	Gharial	Gavialis gangeticus	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
4.	Black Pond Turtle, Spotted pond turtle	Geoclemys hamiltonii	1	3	0	4	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	1	3	5	9
5.	Indian Tent Turtle	Pangshura tecta	1	4	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0	5
6.	Common Rat Snake	Ptyas mucosa	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
7.	Indian Rock Python	Python molurus	3	1	2	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	2	6
Total Reptilia	7		8	10	10	28	0	0	9	0	0	0	0	0	0	0	0	0	0	0	11	15	11	37	

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

Part-B

Endangered Species*																								
S.No.	Animal Name	Scientific name	Opening Stock as on (01-Apr-2022)				Births			Acquisition			Disposal			Death			Closing Stock as on (31-Mar-2023)					
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	T					
Aves																								
1.	Common Duck		0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5			
2.	Agapornis sp. (color morph)	Agapornis sp.	0	0	17	17	0	0	5	0	0	0	0	0	0	0	0	0	0	22	22			
3.	Greylag Goose	Anser anser	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5			
4.	Muscovy Duck	Cairina moschata	0	0	11	11	0	0	0	0	0	0	0	0	0	0	0	0	0	11	11			
5.	Budgerigar	Melopsittacus undulatus	0	0	29	29	0	0	6	0	0	0	0	0	0	0	0	0	0	35	35			
6.	Painted Stork	Mycteria leucocephala	0	0	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8			
7.	Cockatiel	Nymphicus hollandicus	0	0	26	26	0	0	3	0	0	0	0	0	0	0	0	0	0	29	29			
8.	Great White Pelican	Pelecanus onocrotalus	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4			
9.	Red-breasted Parakeet	Psittacula alexandri	0	0	2	2	0	0	3	0	0	0	0	0	0	0	0	0	0	5	5			
10.	Rose-ringed Parakeet	Psittacula krameri	0	0	25	25	0	0	2	0	0	0	0	0	0	0	0	0	0	27	27			
Total Aves	10		0	0	132	132	0	0	19	0	0	0	0	0	0	0	0	0	0	151	151			
Mammalia																								
1.	Chital/ Spotted Deer	Axis axis	2	6	2	10	0	0	1	0	0	0	0	0	0	0	0	0	0	4	6	1	11	
2.	Common hippopotamus, Hippopotamus, Large Hippo	Hippopotamus amphibius	1	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	3	
3.	Striped Hyena	Hyaena hyaena	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	
4.	Indian Crested Porcupine	Hystrix indica	2	2	0	4	0	0	1	0	0	0	0	0	0	0	0	0	0	2	2	1	5	
5.	Indian Muntjac	Muntiacus muntjak	2	2	2	6	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	0	6	
6.	Sambar Deer	Rusa unicolor	1	2	1	4	0	1	0	0	0	0	0	0	0	0	0	0	0	2	3	0	5	
Total Mammalia	6		9	14	5	28	1	1	2	0	0	0	0	0	0	0	0	0	0	13	17	2	32	
Reptilia																								
1.	Red Sand Boa	Eryx johnii	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Total Reptilia	1		0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Grand Total			34	42	149	224	1	2	31	4	6	0	0	0	0	0	0	0	0	45	57	166	268	

27. 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
1	-Nil-	-Nil-	-Nil-	-Nil-	-Nil-

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(1.1)	The zoo should make efforts to maintain population of physically, genetically and behaviourally healthy animals.	Right from the opening/beginning of zoo.	Not pending	Being Maintained
2	10(2.1)	The zoo operators shall post an officer of appropriate rank as "whole time in-charge" of the zoo with powers to take decision and ensure that adequate financial resources and infrastructural support is made available to such officer for proper housing, upkeep and healthcare of the zoo animals and managing the zoo in a planned manner.	Right from the opening/beginning of zoo.	Not pending	An Indian Forest Services officer of the CCF rank is heading the Zoo.
3	10(2.2)	The Zoo should appoint a Biologist and Education officer before the zoo is opened to public.	Once the Zoo is opened.		Based on budgetary provisions, appointment would be done as the earliest.
4	10(4.8)	In case of enclosures of endangered species constructed without the approval of the Central Zoo Authority, approval may be sought at the earliest.	With Immediate Effect	Not pending	All the enclosures have been constructed after getting approval from CZA.
5	10(4.3)	In view of visitor safety, the High-Tension line passing through the entrance should be heightened and insulated.	With Immediate Effect	Not pending	Heightened and insulated.
6	10(3.4)	Buffer areas between enclosure should be further vegetable to extent that species housed adjacently are visually isolated. The vegetation along the visitor viewing side needs to be improved. The ramps to the service area, in general, are very steep. The slope should be gentler from the point of view of management.	With Immediate Effect	Not pending	Rectified accordingly.
7	10(3.5)	The rescued animals to be housed at Rescue Centre should have prior approval from the Chief Wildlife Warden of the state.	With Immediate Effect	Not pending	Being followed.
8	10(4.3)	The zoo should ensure completion of minor construction works such as chain-link fixtures, entry gate, finishing touches in holding rooms, door locking	Before the time of opening of the zoo.	Not pending	Report sent vide It no 511/23-1 dt 15-12-2021

		mechanism towards keeper gallery etc. and a report should be submitted to CZA before opening the Zoo.			
9	10(4.10) a & 10(11.1) a	The zoo should ensure installation of appropriately located bilingual signages containing the biological & behavioral information of respective animals.	Before the zoo is operationalized.	Not pending	Installed accordingly.
10	10(4.10) c & 10(11.1) b	The zoo should also make effort to complete the work of interpretation centre at the earliest.	One Year	Under process	Interpretation building work completed and rest of the budget for interactive & informative structures and signages is under process.
11	10(5.2)3	The Zoo should have appropriate storage facility for meat and feed for the animals, at least for one week keeping in view the emergency situation like prevailing pandemic (COVID-19)	With Immediate Effect	Not pending	Sufficient storage facility available.
12	10(5.2)6	The zoo authorities should take up the random food and water samples being tested periodically for microbiological, toxicological and any other contaminants at recognized laboratory.	Six months	Not pending	Being tested according schedule.
13	10(5.3)3	At the time of acquisition of animals, all animal arriving should be screened for parasitic loads and prophylactic medicines administered as per clinical requirements and vaccination of animals against infectious diseases are also done, as per the prescribed schedule. All the enclosures should be thoroughly cleaned before animals are shifted. The zoo premises and some enclosures have been used by the labours for stay during construction. Prior to opening of the zoo, thorough cleaning of the premises/enclosures for metal scraps, plastic etc. should be carried out.	Six months	Not pending	All animals were brought as per CZA guidelines.
14	10(5.3)4	The zoo should have written schedule of vaccination and deworming of different species of wild animals proposed to be housed at the zoo and the same should also be displayed at the enclosure.	With Immediate Effect	Not pending	Zoo have written schedule of vaccination & deworming.

15	10(5.3)5	The zoo should maintain detailed records of observations of biological and social behavior and health status of the animals including feed intake, medication and treatment provided in the keeper's diary, daily reports, animal history cards and treatment cards, as per standards specified by the Central Zoo Authority.	With Immediate Effect	Not pending	Records being maintained.
16	10(5.3)6	All staff of the zoo involved with upkeep and healthcare of zoo animals screened against zoonotic diseases once every year and action appropriate should be ensured.	With Immediate Effect	Not pending	All involved staff are screened annually.
17	10(5.3)8 & 10(6.4)	The zoo should have formal linkages with some Veterinary Universities/ Institution through a MoU on Healthcare, preventive, health management, surgical interventions, clinical tests, disease diagnosis and consultation in treatment and management.	One Year	Not pending	Zoo have linkage with IVRI, Bareilly.
18	10(5.4)	During the evaluation, rodent's burrows were noticed in almost all the enclosures. Intensive rodent proofing measures should be undertaken in all the enclosures. During implementation, it should be ensured that the method undertaken will not leave residue that could be lethal to the animals to be housed. Further, non-target species should not be harmed.	With Immediate Effect	Not pending	Rodent proofing measures undertaken.
19	10(5.10)	The zoo should consider installation of CCTV monitoring system throughout the visitor circuit and in animals enclosure for effective monitoring of visitor and animal behavior.	With Immediate Effect	Under Process	Under Process
20	10(6.2)1	The zoo should have appropriate animal restraint equipment, accessories and drugs before operationalized.	With Immediate Effect	Not pending	All requisite completed.
21	10(3.4)	During the evaluation it was observed that there was water stagnation in all the moats. A system has been set-up to drain the water from the moat to a sump, from where it will be pumped out to main drain. However, this was not functional during the visit. Further, it was	With Immediate Effect	Not pending	Mud pumps are working. National Institute of Hydrology, Roorkee did audit of drainage system and recommendations complied.

		informed by the Chief Wildlife Warden, U.P. that National Institute of Hydrology, Roorkee will be commissioned to audit the drainage system prior to releasing animals in the enclosures.			
22	10(6.3)	The Zoo/Rescue Centre should appoint support staff (Lab Assistant & Compounder) as specified by the CZA.	As early as possible.	Under Process	Appointment of Compounder (Vet. Assistant) is under process.
23	10(8.1)	The Zoo/Rescue Centre should not euthanize any animal unless doing so is essential for relieving from suffering from incurable disease/condition as per the norms of CZA.	With Immediate Effect	Not pending	No animal euthanized.
24	10(10.1)	The zoo should have act on implementation of research plan as indicated in the Master Plan and conducted research on need-based solution-oriented research projects.	From the beginning itself.	Research projects are under preparation.	Research projects are under preparation.
25	10(5.5)	The entrance to all the enclosures/service hallways should be provisioned with a foot bath.	With Immediate Effect	Not pending	Provisioned.
26	10(12.2)	The zoo should ensure availability of first-aid facilities including snake anti-venom and lifesaving drugs, readily available in the zoo premises.	With Immediate Effect	Not pending	Complied with
27	10(12.3)	The zoo should ensure, that visitor facilities are "Divyang Jan" friendly and have easy access. Further, wheel chair should also be readily available. The visitor ramps should have gentler gradient. It should be modified to have a slope ratio of minimum 1 (height): 8(length).	Before opening of the zoo to public.	Not pending	All facilities available for Divyang Jan.

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

a. Mammals

- i. Common Squirrel
- ii. Mongoose
- iii. Civet
- iv. Jungle Cat
- v. Rhesus Macaque
- vi. Langur
- vii. Domestic Cat

b. Birds

- i. Indian Peafowl
- ii. House Sparrow

- iii. Spotted Dove
- iv. Barn Owl
- v. Common Myna
- vi. Bulbul
- vii. Red Vented Bulbul
- viii. Cattle Egret
- ix. Little Egret
- x. Shikra
- xi. Red Wattled Lapwing
- xii. Green Pigeon
- xiii. Cuckoo
- xiv. Kingfisher
- xv. Bee Eater
- xvi. Wood Pecker
- xvii. Golden Oriole
- xviii. Jungle Myna
- xix. House Crow
- xx. Red Whiskered Bulbul
- xxi. Jungle Babbler
- xxii. Wagtail
- xxiii. Purple Sun Bird
- xxiv. Black Drango
- xxv. Barbet
- xxvi. Purple Swamphen
- xxvii. Common coot
- xxviii. Whistling Duck
- xxix. Lesser Cormorant
- xxx. Grey Hornbill

c. Reptiles

- i. Python
- ii. Rat Snake
- iii. Wolf Snake
- iv. Cobra
- v. Common Krait
- vi. Checkered keelback
- vii. Spotted pond turtle
- viii. Indian roofed turtle
- ix. Indian flap shell turtle

d. Fishes

- i. Rohu
- ii. Grass carp
- iii. Cat fish
- iv. Snake head
- v. Kawai fish