

Dhauladhar Nature Park (ZOO) Gopalpur

Annual Report for the year
2017-18



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1. **Report of the Officer-in-charge** : Dhauladhar Nature Park was established in year 1992. Total area of the Zoo is 12.5 hectares. It is a small category Zoo.
2. **History of the Zoo:** Dhauladhar Nature Park is located at Gopalpur in District Kangra, H.P. at a distance of 20 km. from Dharamshala, 13 km. From Palampur and 6 km. From famous Chamundaji Devi Temple on Dharamshala-Palampur Road. Dhauladhar Nature Park is spread over 12.5 hectares with beautifully landscaped gardens interspersed with small forest patched with an abundance of free ranging birds & Butterfly. Himachal Pradesh has been bestowed by Nature with diverse climate conditions. The Climate and teterrian ranges from sub-tropical to alpine and cold desert conditions which inhabits a wide spectrum of floura and fauna. To enable the public visitors to enjoy & know about Nature and Wildlife Dhauladhar Nature Park was inaugurated on 23rd April 1992. The park is located at a place which presents panoramic view of the unique feature of Dhauladhar Nature Park. Adjoining Tea Gardens adds to the beauty of area.
3. **Vision:** To provide natural habitat to various animals & to spread the message of conservation of floura & fauna of the region by awareness educational programmes.
4. **Mission:** Develop amongst visitpors ampathy for Wild Animals to motivate them to support the cause of conservation of Wildlife & Serve a better world for animals through human understanding.
5. **Objective:**
 1. To create awareness among visiyors about Nature and Wildlife.
 2. Rescue & Conservation of wild animals.
 3. To provide apportunities of research tostudents on the animals Ecology, behaviour and disease etc.
6. **About us**

S.No.	Particulars	Information
Basic Information about the Zoo		
1	Name of the Zoo	Dhauladhar Nature Park(ZOO) Gopalpur
2	Year of Establishment	1992
3	Address of the Zoo	DNP(ZOO), Gopalpur P.O. Gopalpur Teh. Palampur Distt. Kangra(HP) 176059
4	State	Himachal Pradesh
5	Telephone Number	01894-252034
6	Fax Number	01894-252034

S.No.	Particulars	Information
7	E-mail address	rodnpgopalpur@gmail.com
8	Website	www.gopalpurzoo.com
9	Distance from nearest	Airport: 32 kms (Gagal Airport)
		Railway Station: 12 kms (Chamundaji)
		Bus Stand: 200 mtrs (Gopalpur)
10	Recognition Valid upto (Date)	22.03.2020
11	Category of zoo	Small Zoo
12	Area (in Hectares)	12.5 hectare
13	Number of Visitors (2017-2018)	Adult :67129
		Children : 18709
		Total Indian : 85838
		Total Foreigners : 72
		Total Visitors: 85910
14	Visitors' Facilities Available in Zoo	1.) Drinking water 2.) Urinals 3.) Lawns 4.) Visitor Sheds 5.) Rain Shelters 6.) Zoo Visitor guides
15	Weekly Closure Day of the Zoo	Monday
Management Personnel of the zoo		
16	Name with designation of the Officer in-charge	Sh. Hem Raj Range Forest Officer

S.No.	Particulars	Information
	Name of the Veterinary Officer	Dr Vipin Kumar
	Name of the Curator	NIL
	Name of the Biologist	Sh. L.R. Narasimba
	Name of the Education Officer	NIL
	Name of the Compounder/ Lab Assistant	NIL
Owner / Operator of the Zoo		
17	*Name of the Operator	Sh. Krishan Kumar IFS
18	Address of the Operator	Divisional Forest Officer Wildlife Division Hamirpur 177001
19	Contact details/Phone number of Operator	01972222319
20	E-mail address of Operator	dfowildlifehamirpur@gmail.com

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

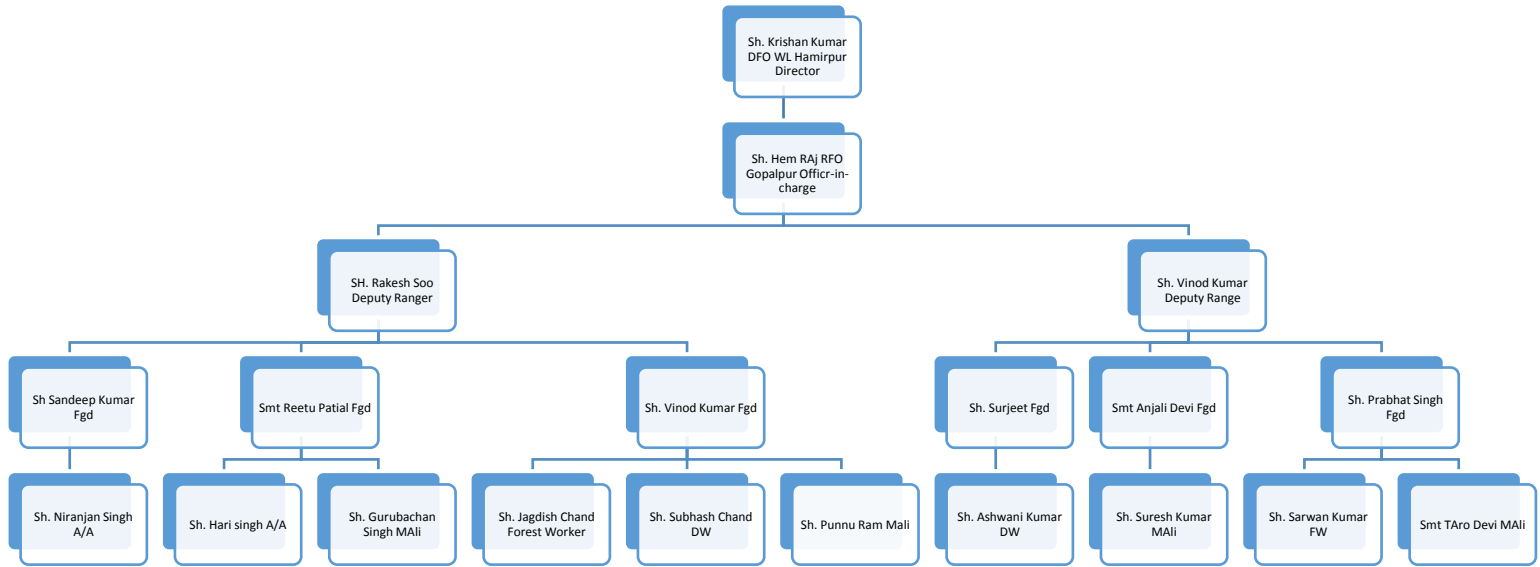
“Zoo Operator” means the person who has ultimate control over the affairs of the zoos provided that_____

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*

Sr.No.	Designation	Number of Sanctioned Posts	Names of the incumbent
1.	Veterinary Officer	1	1
2.	Range Officer	1	1
3.	Block Officer	1	1
4.	Forest Guards	6	6
5.	Animal Attendants	5	2
6.	Mali	3	3
7.	Forest Workers	2	2

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

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

10. Zoo Advisory Committee – Zoo Management Committee

a. **Date of constitution :-** 1/2018

- b. **Members :**
- 1.) DFO, Wildlife Division Hamirpur - Chairman
 - 2.) Veterinary Officer (Wild Life), DNP Gopalpur – Member
 - 3.) Range Forest Officer (wild life), DNP Gopalpur – Member
 - 4.) Dr. Pradeep Sharma Asstt Professor Veterinary medicine, DGCN COVAS, CSKHPKV Palampur - Member
 - 5.) Sh. Bhupinder Singh Retd. Dy. Ranger DNP Gopalpur – Member
 - 6.) Pradhan Gram Panchayat Gopalpur – Member
 - 7.) Deputy Ranger and all Forest Guards DNP Gopalpur - Member

c. **Dates on which Meetings held during the year :** 16.2.2018

11. Health Advisory Committee– Same as above

a. **Date of constitution**

b. **Members**

c. **Dates on which Meetings held during the year**

12. Statement of income and expenditure of the Zoo

S. No.	Name of Work	Total Allotment	Exp.	Remarks
1.	Boundary Wall Completion	5000000	114380	
2.	Hiring of staff to carryout sensitive activities including security	100000	50000	
3.	Completion of treatment room	300000	300000	
4.	Training of zoo staff (Zoo Management	140000	25000	

	disaster, management, husbandry, legal Peats etc)			
5.	Health care & Vaccination of staff	150000	20,410	
6.	Exposure Visit	50000	50000	
7.	CCTV Monitoring	1000000	0.00	
8.	Visitor Feedback assessment	25000	0.00	
9.	Fire control	50000	50000	
10.	Flood/Cloud bursts etc	50000	50000	
11.	Operational Support	26000	4592	
12.	Telephones	25000	25000	
13.	Wireless Systems	89303	0.00	
14.	Landscaping work in Lawn & Parks	100000	100000	
15.	Visitor Paths	1300000	460000	
16.	Service paths	1200000	838084	
17.	Soil & Moisture conservation	200000	200000	
18.	Patrolling Huts/Transit camp	750000	750000	
19.	Construction of New Enclosure (Black bear , Lion & Reptiles)	5000000	0.00	
20.	Veterinary hospital & Diagnostic Lab	2500000	0.00	
21.	Equipment	821430	0.00	
22.	Zoo Management software (Nutrition & Record Keeping etc)	100000	0.00	
23.	Free ranging animals/Food animal menace	25000	0.00	
24.	Ring Vaccination and parametric disease control	25000	0.00	
25.	Fringe people Vaccination	25000	0.00	
26.	Website	31000	0.00	
27.	Shelter along the Zoo paths	50000	50000	
28.	Development of parking DNP Gopalpur	1800000	0.00	
29.	Celebration of Wild Life week	22405	22405	
30.	Furnishing of Treatment Room in Zoo	200000		
31.	Maintenance /Procurement of cages	100000	0.00	
32.	Deworming and vaccination of all Zoo animals	100000	0.00	
33.	Repair and maintenance of enclosure	1500000	1500000	
34.	Provision/maintenance of electricity in night sheds in zoo	200000	200000	
35.	Cleaning of night sheds, improvement of toilets & electricity water	400000	400000	
36.	Mobile allowance to the In charge , Block officers, & Forest guards in MSC	9600	9600	
37.	Repair of all monkey cages	175000	175000	
38.	Maintenance of MSC Buildings, feed store,	200000	200000	

	operation theater, pre & Post buildings			
39.	Uniform Dangries to all MSC Workers	50000	50000	
40.	Completion of sale counter	845394	845394	
	Total	24235132	3379994	

13. Daily feed Schedule of animals

Sr.No.	Species	Feed item	Quantity		Day of fasting
			Winter	Summer	
1.	Leopards	Chicken with bones	2.5 kgs per	2.5 Kgs per	Tuesday
		Mutton with bones (two days a week Monday and Friday)	2 Kgs per	2 Kgs per	
2.	Leopard Cats	Chicken with bones	250 gram per	250 gram per	-
		Mutton with bones (two days a week Monday and Friday)	250 gram per	250 Gram per	
3	Himalayan Griffon	Chicken with bones	0.5 Kgs per	0.5 Kgs per	-
4	Steepe Eggle	Chicken with bones	0.5 Kgs per	0.5 Kgs per	-
5	Black Kite	Chicken with bones	250 gram per	250 gram per	-
6	Himalayan Black Bear	Roti (Maize + wheat)	1.25 Kg per each	1.25 kg per each	
		Potato	0.300 kg per	0.300 Kg per	
		Gur	0.100 kg per	0.100 Kg per	
		G/Nut	0.250 kg per	0.250 Kg per	
		Seasonal veg	0.500 kg per	.0500 Kg per	
7	Barking deer	Concentrated mix	0.500 kg per	0.500 kg per	
		Green fodder	3 Kg per	3 Kg per	

8	Goral	Concentrated Mix	0.600 per	0.600 per	
		Green fodder	5 kg per	5 kg per	
9	Turtules	Eggs	2 No. per	2 No. per	
10.	African grey Parrot	Bird Mash	0.100 kg pr		
		Banana	½ per	½ per	
11.	Emu	Bird Mash	0.400 kg per	0.400 per kg	
12.	Red Jungle Fowl and Kaliz	Bird Mash	0.200 kg per	0.200 kg per	
		Banana	½ per	½ per	
		Seasonal Veg	0.200 kg per	0.200 kg per	
13.	Indian Peacock	Bird Mash	0.200 kg per	0.200 kg per	
		Banana	1 No. per	1 No. per	
		Seasonal Veg.	0.200 kg per	0.200 kg per	
14	Bhutani Grey Peacock	Bird Mash	0.50 kg per	0.50 kg per	
		Seasonal Veg.	0.150 kg per	0.150 kg per	
15	Sambar	Concentrated Mix	2.625 kg per	2.625 kg per	
		Green Fodder	10 kg per	10 kg per	
16	Wild Boar	Black Gram	200 gram per	200 gram per	
		Concentrared Mix	300 gram per	300 gram per	
		Potatoes	1 kg per	1 kg per	
		Seasonal Veg	1 kg per	1 kg per	

14. Vaccination Schedule of animals

Sl.No.	Species	Disease vaccinated for	Name of the Vaccine and dosage/ quantity used	Periodicity	Remarks
1	Leopards (<i>Panthera pardus</i>)	Feline Rhinotracheitis – Calici panleukopenia	Fel-o-Vax 1 ml S/C each	Annual	

15. De-worming Schedule of animals

Sl.No.	Species	Drug used	Month
1	Leopards & Leopard Cat	Panacur Bolus	November 2017
2	Black Bear	Panacur Powder	December 2017
3	Pheasants	Panacur Suspension	November 2017
4	Herd animals	Panacur Powder	November 2017
6	Birds of prey (vultures and Kites)	Panacur	October 2017

16. Disinfection Schedule

Sl.No.	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
1	Leopards	Night Shed	Chlorine bleach spray	Weekly
2	Black Bear	Night Shed	Light KMNO ₄ Solution spray	Weekly
3	Pheasantry	Interlink Chain Enclosure	Bioquat	Weekly

17. Health Check-up of employees for zoonotic diseases

Sl.No.	Name	Designation	Date of Health Check up	Findings of Health
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				Check up
1	Dr. Vipin Kumar	Veterinary Officer	20.12.2017	Nothing Abnormal Detected
2	Sh. Hem Raj	Range forest Officer	20.12.2017	Nothing Abnormal Detected
3	Sh. Vinod Kumar	Block Forest Officer	20.12.2017	Nothing Abnormal Detected
4	Sh.Ramesh Kumar	Forest Guard	20.12.2017	Nothing Abnormal Detected
5	Surjeet	Forest Guard	20.12.2017	Nothing Abnormal Detected
6	Ritu Patiyal	Forest Guard	20.12.2017	Nothing Abnormal Detected
7	Amita Bhatia	Forest Guard	20.12.2017	Nothing Abnormal Detected
8	Meena Kumari	Forest Guard	20.12.2017	Nothing Abnormal Detected
9	Swarna Devi	Forest Guard	20.12.2017	Nothing Abnormal Detected
10	Anjli Devi	Forest Guard	20.12.2017	Nothing Abnormal Detected
11	Parbhat Singh	Forest Guard	20.12.2017	Nothing Abnormal Detected
12	Vinad kumar	Forest Guard	20.12.2017	Nothing Abnormal Detected
13	Jagdish Chand	Forest worker	20.12.2017	Nothing Abnormal Detected
14	Suresh Kumar	Mali	20.12.2017	Nothing Abnormal Detected

15	Sarwan Kumar	Forest Worker	20.12.2017	Nothing Abnormal Detected
16	Hari Singh	Animal Attendant	20.12.2017	Nothing Abnormal Detected
17	Subash Chand	Daily wager	20.12.2017	Nothing Abnormal Detected
18	Niranjn Singh	Animal Attendant	20.12.2017	Nothing Abnormal Detected
19	Raksha Devi	Chokidar	20.12.2017	Nothing Abnormal Detected
20	Punu Ram	Mali	20.12.2017	Nothing Abnormal Detected
21	Gurbachan Ram	Mali	20.12.2017	Nothing Abnormal Detected
22	Taro Devi	Mali	20.12.2017	Nothing Abnormal Detected

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

- Improvement and repair of toilets
- Improvement of visitor and service paths
- Repair of enclosures and night sheds (Electricity and Water Supply)
- Completion of treatment Room
- Siiting Facility to visitors (preparation of benches).

19. Education and Awareness programmes during the year

- **Wildlife Week Celebrations 2017 :-**

Wild Life Week 2017 was celebrated at Gopalpur Zoo on dated 05th Oct.2017.

31 students took part in above mentioned activities like painting slogan writing & quiz competition. Painting competition was organized for Primary section, Slogan completion for Middle Section and Quiz competition for secondary Section in the topic Wildlife Conservation & Eco-tourism in Himachal Pradesh. All the students took active participation in all the above

Bird Watching& a walk towards a Nature Trail :-

Like every year this year we have celebrated Wildlife Week at Gopalpur Zoo on dated 3.10.2017. On this day we have invited the students from three schools surrounding Gopalpur for trekking in zoo and essay writing competition. 34 students participated in essay competition on the topic “Wildlife Conservation & Eco-tourism”. All the students took active participation in the essay writing

- **World Wildlife Day**

The World Wildlife Day is celebrated on 3rd March. The theme for World Wildlife Day this year was **“Big Cats-Predators under threat”**. on 3rd March 2018, Dhauladhar Nature Park (Zoo) Gopalpur has also celebrated the World Wildlife Day in its campus .Students from different schools surrounding Gopalpur were aware about this day.

20. Important Events and happenings

- **Workshop on Wildlife Crimes and scientific management on Human-Animal Conflict. :-**

Two days workshop on the topic **“Wildlife Crimes and Scientific management of Human Wildlife Conflict”** was organized at Dhauladhar Nature Park (Zoo) Gopalpur on 22nd & 23rd January 2018 by the Staff of DNP (Zoo) Gopalpur.

The aim of the workshop was to emphasize learning through participation, discussion and hands-on activities on tranquilization, techniques in animal handling, wildlife crimes, wildlife Forensics and sampling in wildlife crime investigations. The general objective of this two days workshop was to give wildlife officers and field staff a solid grounding in the basic methods and techniques in scientific management

of wildlife conflicts and rescue techniques along with laws and rules governing wildlife activities in the state.

A Total of 72 participants including Forest officers and officials from different forest circles participated in the workshop and Discussed/ shared their views on the different topics/aspects related to “Wildlife crimes & scientific management of Human Wildlife Conflict” in the workshop.

The workshop was a successful event with lot of learning by doing. Officers, Officials and resources persons shared their views and experiences for maximum benefit of the participants. Various issues and topics were discussed in detail and suggestions/recommendations were made. Some of the important key features of workshop.

- **Exposure Visit to Pipli Zoo and Chattbir Zoo**

Wild Life Range DNP Gopalpur Zoo organized an exposure visit to Pipli Zoo and Chattbir Zoo. 9 officials from DNP Zoo Gopalpur visited the pipli Zoo including Veterinary officer, Forest Guards, Animal Attendants.

- **Exposure Visit to Delhi Zoo**

WildLife Range DNP Gopalpur organized an exposure visit to National Zoological Park New Delhi. 9 officials from DNP Zoo Gopalpur visited the pipli Zoo including Range Officer Forest Guards and Forest Workers.

21. Seasonal special arrangements for upkeep of animals

- Enrichment in enclosure
- Plantation in enclosure

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	Date of

				which Zoo	arrival in the zoo
	NIL				
B.	Animals going from the zoo				
	H.NO.	Species	Number (M:F)	Going to which Zoo	Date of deposition from the zoo
		Barking Deer	7:7	Transfer to Kufri Zoo	20.3.2018
		Barking Deer		Transfer to Renuka Zoo	23.03.2018

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

Sr.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.	22.06.201, 11.07.201, 12.11.201, 19.11.201, 2.12.2017, 9.12.2017, 18.02.201, 22.02.2018	Leopards (6:4:0:10)	Indora Range, Kangra(Baba Baroh), Malan Range, Dundha Vilage Una , Bhareri		Female released on dated 14.11.2017 in Malan and one female	8 For treatment

	, 6.3.2018,		(Hamirpur), Indpur (Nurpur), Balla (Gopalpur), Una Forest Division, Bohan Batti Jawalaji		released on dated 6.12.201 7 in Bhareri Hamirpur	
2	20.08.2017	Kite (0:0:1:1)	Dharamshala animal rescue			Treated in Zoo
3	19.09.2017	Wild Boar (1:0:0:1)	Chamba Range			For treatment
4	22.08.2017 & 20.09.2017	Barking Deer (1:1:0:2)	One from Dharamshala Range and one from chamba range			In Quarantin e Area

26. Annual Inventory of animals : Enclosed in separate Sheets

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	Red Jungle Fowl	<i>Gallus gallus</i>	Female	17.06.2017	Enteritis
2	Cheer	<i>Catreus wallichii</i>	Cheer	19.03.2018	Enteritis
3	Kalij	<i>Lophura leucomelanos</i>	Female	18.6.2017	Traumatic Shock
4	Leopard	<i>Panthera pardus</i>	Male	14.01.2018	Multiple age related issues

28. Compliance with conditions stipulated by the Central Zoo Authority

S. No.	Norm No.	Condition Stipulated	Compliance Report
1. General requirement.			
1.	1.3	Directional Signage Should be provided at each crossing for smooth movement of visitors.	Needful Done.
2.	1.4	The rear end of the park should be provided with strong chain link fence to check entry of unregulated visitors.	Needful Done.
3.	1.5	Boundary wall of the height of 2 mtr. On the rear side must be constructed.	Needful Done.
4.	1.7	Arrangement for proper disposal of Liquid waste particularly in carnivores should be provided.	Needful Done.
3. Development and planning.			
5.	3.4	The animal collection plan should be prepared as per CZA format.	The animal collection plan is submitted in the Master Plan of DNP Gopalpur for Approval.
4. Animal housing, display of Animals and animal enclosure.			
6.	4.1	a. the area and naturalness should be increased in porcupine, kite, Himalaya Vulture and Pheasants. b. the kite and Himalayan vulture should be kept separately.	Needful Done. Needful Done.
7.	4.5 & 4.6	The exhibits of Pheasants, Kite, Himalayan Vulture, Porcupine, Grey Parrot should be revamped as to meet CZA norms. The floor of Pheasants, Pea cock and Grey parrot should be made Kaccha.	Needful Done. Needful Done.
8.	4.7	Screening space should be provided between Leopard and Leopard Enclosures, Goral and Barking Deer.	Screening done between Goral and Barking Deer Enclosures.
9.	4.9	Stand of Barriers with Hedge should be provided in all enclosures.	Needful Done.
10.	4.10	Directional and warning signage's should be provided at all relevant places.	Needful Done.
5. Upkeep and Healthcare of Animals.			
11.	5.1(g)	Foot bath should be provided at the entrance of each night house.	Needful Done.
12.	5.2(6)	The food and water samples should be got tested randomly.	Needful done randomly in IVRI and CSKHPKV Palampur.
13.	5.3(4)	A Written schedule for vaccination should be prepared and kept near enclosure.	Needful done. Shortly.
14.	5.3(5)	The operator should prepare and use keeper dairy, daily report, animals treatment card, animal history herd/card and stud book.	Needful done in CZA format.
15.	5.3(6)	The staff involved in the healthcare of animals	Needful done every year.

		should be screened against Zoonotic diseases once every year.	
6. Veterinary and infrastructure facilities.			
16.	6.1(k)	General cleaning and maintenance of treatment room should be improved.	Needful done.
7. Post-mortem and disposal of carcasses of animals.			
17	7.2	Post mortem finding should be recorded in CZA format	Needful done.
9. Acquisition and breeding of animals			
18.	9.1 & 9.4	Mates for the following species should be acquire:- a) Himalayan thar (M). b) Leopard Cat (Un Sexed). c) Himalayan Vulture (Un Sexed). d) African Grey Parrot (Un sexed). e) Porcupine (2M)	Sent to HNP Kufri Zoo. Mate rescued. Mate rescued. Done shortly. Died
12. Visitors facilities.			
19.	12.1	a) Directional Signage's should be provided at every crossing. b) Roads, Paths and lawns should be made smooth and presentable.	Needful Done. Needful Done.
20.	12.2	First aid kit and anti snake venom should be kept.	Needful done.
21.	12.3	Ramp Should be made for handicapped visitors	Will be done this year.

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

- a. Mammals : Wild Boar , Leopards
- b. Birds : Red Jungle Fowl , Kaliz, Alexandrine Parakeet, Black Bulbul, Spotted Dove, Himalayan Bulbul, Red Collard Dove, Brown fronted woodpecker, Pied Kingfisher, Long Tailed Shrike, Oriental magpie Robin, Laughing Dove, Black Rumped Flameback, Great Tit, Plum Headed Parakeet, Coppersmith Barbet, Large Billed Crow, Indian Robin, Rose Ringed Parakeet, Indian Grey Hornbill, Grey Bushchat.
- c. Reptiles :- Python, common Krait, Viper.