

By E-mail

OFFICE OF THE DIVISIONAL FOREST OFFICER, NABARANGPUR DIVISION

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Memo No. 1295 / 4F-(Misc.) 2020

Dated, Nabarangpur the 31 th March, 2020

To

The Member Secretary,
Central Zoo Authority,
B-I Wing, 6th Floor,
Pt. Deendayal Antyodaya Bhawan,
CGO Complex, Lodhi Road,
New Delhi-110003.

Sub: - Submission of Annual Report by the zoos to the Central Zoo Authority for the financial year 2018-19- regarding.

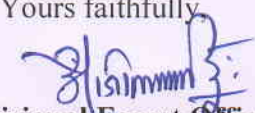
Ref: - 1. Your Letter No. 18-1/2019-CZA/1044/2019 dtd. 25.06.2019.
2. Your Letter No. 18-2/2019-CZA/1268/2019 dtd. 14.08.2019.
3. Your email to DFO Nabarangpur on 24/03/2020

Sir,

In inviting a kind reference to your letter no. cited above on the captioned subject, I am submitting herewith the Annual Report by the zoos to the Central Zoo Authority for the financial year 2018-19 of Deer Park, Papadahandi in the prescribed format for favour of kind information and necessary action.

Encl:- As above

Yours faithfully


Divisional Forest Officer,
Nabarangpur Division.

Memo No. 1296 Dtd. 31/03/2020

Copy to the Chief Conservator of Forests (WL) O/o the Principal Chief Conservator of Forests, (Wildlife) & Chief Wildlife Warden, Odisha, Bhubaneswar for favour of kind information and necessary action.


Divisional Forest Officer,
Nabarangpur Division.

Memo No. 1297 / Dated. 31/03/2020

Copy to the Regional Chief Conservator of Forests, Koraput Circle, Koraput for favour of kind information and necessary action.


Divisional Forest Officer,
Nabarangpur Division.

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1. **Report of the officer in-charge of Deer Park, Papadahandi of Nabarangpur Forest Division.**

Papadahandi Deer Park was a tiny and timely effort conceived in three decade ago in 1986. The basic idea was to save the fast disappearing population of spotted deer and to educate public regarding wildlife conservation. In fact, it is the only deer park of its kind in this part of tribal dominated South Odisha.

2. **History of the Zoo.**

The Deer Park was approved in the VIII Wildlife Advisory Board Meeting held on 15.2.1986 & was inaugurated on 8.6.1986 by the then Hon'ble Chief Minister of Odisha, (Late Janaki Ballava Pattnaik) over an area of 1.0 AC inside Papadahandi Reserve Forest having a basic of lushy green Sal forest. As per record available, the deer park was the brain child of Sri Jagannath Tripathy, freedom fighter & Ex-MLA, Nabarangpur, Koraput district. The park was initiated with two numbers of deer brought from Harisankar Deer Park and two numbers deer from Rayagada Division. Now the Deer Park is full-fledged with the following numbers of animals.

Sl No.	Name of the Species	Male (In Nos.)	Female (In Nos.)	Total
1	2	3	4	6
1	Spotted Deer	101	128	229
2	Barking deer	---	--	---
3	Wild boar	01	01	02
4	Peacock	01	--	01

The Central Zoo Authority has grant recognition to Deer Park Papadahandi as Mini Category Zoo during 2009 vide F No. 19-112/92-CZA (197) (M) dtd. 22.06.2009 and further extended up to 31st October-2014 vide F No. 19-112/92-CZA (197) (M) dtd. 17.10.2009 and subsequently extended up to 23.08.2018 vide CZA letter No. F No.19-112/92-CZA(197)(AK)/2721/2016 Dated.28.09.2016 subject to the compliance od the directives under the Recognition of Zoo Rules 2009 and mid-term evaluation of the Zoo. Accordingly the compliances were submitted to CZA vide this office Letter No.409 Dated 1.02.2019. After getting recognition a Master Layout Plan and master plan for the period 2016-17 to 2025-26 for long term development of

Deer Park Papdahandi was prepared and submitted vide this Office Memo No. 2742 Dated 29.08.2015 and the same was returned back for modification and resubmission vide F NO. 19-112/92/CZA (197) (Pt) (AK)/7782 Dated 22.09.2015 and the same will be submitted shortly.


For administrative management purpose one Forest Guard has been posted in the Deer Park to be in-charge and 06 nos. of watchers (care taker) engaged for maintenance and management of the park. However the park is directly looked after by the Range Officer, Nabarangpur under over all supervision of Divisional Forest Officer, Nabarangpur Division.

There is no whole time Veterinary Officer for attending of the animals. However the periodical health check up of the animals is being done through the VAS, Papadahandi including de-warming and other sanitary measures as advised by the VAS. For the purpose the VAS is being paid an honorary remuneration of ₹. 1,000/- per month.

In response to the CZA guidelines the park enclosure has been further extended, new enclosures, signage, post mortem room, doctor chambers have been constructed, standoff barrier has been erected, visitor's amenities (light & water) have been provided. The staffs looking after the animals have been medically checked for zoonotic diseases. To check population of spotted deer control measures like segregation of male and female deer had also been taken up during breeding season. Besides the high perimeter wall (2 mtr) for the park is also constructed on receipt of fund out of state CAMPA this year.

As the Deer Park has not become full-fledged, user fee has not been collected so far and is actively under consideration in future. But the visitors record & other relevant registers has been maintained in a regular manner.

Last but not the least, it is pertinent to mention here that all out effort is being taken to achieve distinction and recognition in conservation of this state fauna imparting genuine wildlife consciousness among local mass.


(Sri Magar Dhanaji Raoso, IFS)
31/03/2020
Divisional Forest Officer,
Nabarangpur Forest Division.

3. **Vision:-** To upgrade the captive animal facility and to mitigate the human-animal conflict.
4. **Mission: -** Provide wildlife education to local people and its conservation aspect.
5. **Objective:-** To save the fast disappearing population of spotted deer and to educate public regarding wildlife conservation.
6. **About us:-** The zoo is located on NH-26 at Papadahandi i.e. (Boriguma to Baragarh NH)

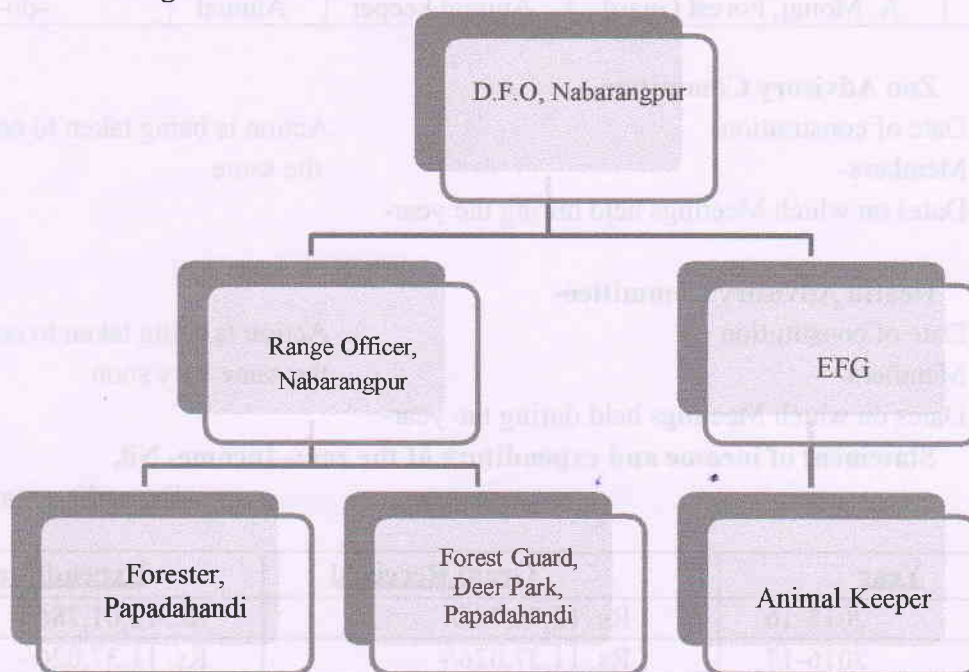
SI No.	Particulars	Information
Basic Information about the zoo		
1	Name of the Zoo	Mini Zoo, Papadahandi
2	Year of Establishment	08.06.1986
3	Address of the Zoo	Divisional Forest Officer, Nabarangpur Forest Division, Odisha, 764059
4	State	Odisha
5	Telephone Number	9437094840
6	Fax Number	06858-223822
7	E-mail address	dfo.ngpur@yahoo.co.in
8	Website	www.dfonabarangpur.in
9	Distance from nearest	Airport:- Visakhapatnam- 300Km. Railway Station:- Jeypore- 50 Km. Bus Stand: 10 Km from Nabarangpur.
10	Recognition Valid upto (Date)	28.08.2020
11	Category of zoo	Mini Zoo
12	Area (in Hectares)	12 Ha
13	Number of Visitors (Financial Year 2018-19)	Adult: 83,034 Children: 49,611 Total Indian: 1,32,645 Total Foreigners: nil Total Visitors: 1,32,645
14	Visitor's Facilities Available in Zoo	Sit out, Drinking water, Parking area, Toilet etc.
15	Weekly Closure day of the Zoo	Every Monday
Management Personnel of the Zoo		
16	Name with designation of the Officer-in-charge	Sri Magar Dhanaji Raoso, IFS D.F.O, Nabarangpur Division.
	Name of the Veterinary Officer	Sri Iswar Nayak
	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	Addl. Chief Secretary, F & E Deptt. govt. of Odisha.
18	Address of the Operator	Odisha Secretariat, Bhubaneswar.
19	Contact details/ Phone number of Operator	0674-2300853
20	E-mail address of Operator	

- 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 thereto 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	Name of the incumbent
1	Divisional Forest Officer	--	Sri Magar Dhanaji Raoso
2	Asst. Conservator of Forests	--	Sri Dhanurjay Mohapatra Sri Salvinder Singh
3	Nabarangpur Ranger	--	Sri Manoj Kumar Patra
4	Forester	--	Sri Tadit Kumar Swain
5	Forest Guard	01	Sri A. Monaj
6	Animal Keeper	On daily wage basis	Sri Khaga Bhatra

7	Animal Keeper	On daily wage basis	Sri Nakula Bhatra
8	Animal Keeper	On daily wage basis	Sri Pitambar Kumbhar
9	Animal Keeper	On daily wage basis	Sri Jagadish Bhatra
10	Animal Keeper	On daily wage basis	Sri Mohan Muria
11	Animal Keeper	On daily wage basis	Sri Damu Kumbhar

- 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.

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.	A. Monaj, Forest Guard	Tranquilization Techniques	Annual	Nandankanan Zoological Park
2.	A. Monaj, Forest Guard	Animal keeper	Annual	-do-

10. Zoo Advisory Committee –

- Date of constitution- Action is being taken to constitute the same
- Members-
- Dates on which Meetings held during the year-

11. Health Advisory Committee-

- Date of constitution - Action is being taken to constitute the same very soon.
- Members-
- Dates on which Meetings held during the year-

12. Statement of income and expenditure of the zoo:- Income- Nil,

Expenditure attached

<u>Year</u>	<u>Grant Received</u>	<u>Expenditure</u>
2015-16	Rs. 12,01,786/-	Rs. 12,01,786/-
2016-17	Rs. 11,37,026/-	Rs. 11,37,026/-
2017-18	Rs. 14,74,314/-	Rs. 14,74,314/-
2018-19	Rs. 85,00,000/-	Rs. 85,00,000/-
(up to June-2018)		

Sl No.	Designation	Number of employees	Name of the incumbent
1	Divisional Forest Officer		
2	Asst Conservator of Forests		
3	Sub-divisional Forest Officer		
4	Forest Officer		
5	Forest Guard		
6	Animal Keeper	On daily wage basis	

13. Daily feed Schedule of animals

Sl. No.	Species	Feed item	Quantity		Day of fasting
			Winter	Summer	
1	Spotted deer	Ragi, Jawari, Maize, Rice Bran, Naka Channa, Mahul, Horse gram, Molesses, Salt, Multi vitamin, Calcium etc.	1.15 kg/day	1.15 kg/day Water melon during April/May	---
		Leaf of Maha neem, Bija, (Piasala), Kasi, Bara, Grass etc.	0,5kg to 0,6kg approx	0,5kg to 0.6kg appx	---
2	Barking Deer	Ragi, Broken rice, Jawari, Maize, Rice Bran, Naka Channa, Horse gram, Salt, Multi vitamin, Calcium etc.	0.5 Kg/ day	0.5 Kg/ day	---
		Leaf of Maha neem, Bija, (Piasala), Kasi, Bara etc.	0.3 kg appx.	0.3 kg appx.	---
3	Wild Boar	Broken rice, Ragi, Jawari, Maize, Rice bran, Corm tuber etc.	3 kg/day	3 kg/day	---
4	Peacock	Green leafy vegetables, carrot, Naka channa, Multi vitamin, Calcium, Salt, groundnut, (Black gram without seed coat), small fish 1-2 times/ month.	0.4 kg/ day	0.4 kg/ day	---

14. Vaccination Schedule of animals

Sl. No.	Species	Disease vaccinated for	Name of the Vaccine and dosage/ quantity used	Periodicity	Remarks
1	Spotted deer	--	--	--	To control FMD ring vaccination done to domestic animals of villagers around the deer park once a year before onset of rainy season.
2	Barking Deer	--	--	--	
3	Wild Boar	--	--	--	
4	Peacock	--	--	--	

15. De-worming Schedule of animals

Sl. No.	Species	Drug used	Month
1	Spotted deer	1. Albendazol tab for all. 2. Closantel for pregnant ones 3. Ivermectin tab. for selective ones	March, June, September, December,
2	Barking Deer	-do-	-do-
3	Wild Boar	-do-	-do-
4	Peacock	1. Albendazol 2. Piperazine	-do-

16. Disinfection Schedule

Sl. No.	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
1	Spotted deer	Open air enclosure	Removal of earth up to 6" & filling of new earth,	Once a year
			Application of potassium permanganate, sprinkling of lime	Every 15 days
2	Barking Deer	-do-	Removal of earth up to 6" & filling of new earth,	Once a year
			Application of potassium permanganate, sprinkling of lime	Every 15 days
3	Wild Boar	-do-	Application of potassium permanganate, sprinkling of lime	Every 15 days
4	Peacock	Covered enclosure	Sweeping	daily
			Application of potassium permanganate, sprinkling of lime	Every 15 days

17. Health Check-up of employees for zoonotic diseases

Sl. No.	Name	Designation	Date of Health Check-up	Finding of Health Check up
1.	Sri A. Manoj	Forest Guard	August, 2016 August, 2017 August, 2018	Free from any zoonotic diseases
2.	Sri Khaga Bhatra	Keeper		-do-
3.	Sri Nakula Bhatra	Keeper		-do-
4.	Sri Pitambar Kumbhar	Keeper		-do-
5.	Sri Jagadish Bhatra	Keeper		-do-
6.	Sri Mohan Muria	Keeper		-do-
7.	Sri Damu Kumbhar	Keeper		-do-

18. Development works carried out in the zoo during the year:- 2017-18

- (i) Construction of Boundary wall (2mt height)
- (ii) Drainage line inside Zoo premises
- (iii) Fodder Plantation 5 Ha outside zoo premises
- (iv) Construction of Animal Shed
- (v) Bore well
- (vi) Electrification
- (vii) Visitors path
- (viii) Construction of Interpretation Hall

19. Education and Awareness programmes during the year:-

- (i) Celebration of Wildlife week
- (ii) Celebration of World wildlife day
- (iii) Celebration of predator day
- (iv) Other wildlife related topics

20. Important Events and happenings:-

- (i) Celebration of deer park establishment day i.e. 8th June Every year
- (ii) Celebration of New years day for visitors and school children and imparting wildlife education & its conservation.

21. Seasonal special arrangements for upkeep of animals:-

- (i) Supply of water melon during April- May for deers.
- (ii) Provision of agro net shed during hot summer near all water supply point.
- (iii) Plantation of fruit bearing inside gap area of enclosures.
- (iv) Tranquilization training to frontline staff.
- (v) Rescue of animal and safe/ secure lease to nature.
- (vi) Use of anti depredation equipment and mock drill is being conducted on regular time interval.

22. Research work carried out and publications:-

- Man-bear conflict resolution
- Leaflet distribution on bear menace
- Awareness meeting
- Habitat improvement of bears

23. Conservation Breeding programme of the zoo:- No such work taken up in this Zoo

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
No such acquisition, transfer/ exchange during the year in this Zoo					
B.	Animals going from the zoo				
	H.NO.	Species	Number (M:F)	Going to which zoo	Date of depositing from the zoo
No such acquisition, transfer/ exchange during the year in this Zoo					

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 or rehabilitation in their habit	Reasons for housing in the zoo, if not released in their habitat
1	02.12.2017	Barking deer- 1 Female	D.F.O, Kalahandi (N)	--	Deer park, Papadahandi	Due to want of female
2	02.07.2018	Asian palm civet- 1 Male	-do-	--	Deer park, Papadahandi	To be released
3	02.07.2018	Peacock- 1 Male	-do-	--	Deer park, Papadahandi	Death

26. Annual inventor of animals

Form - II
[See Rule 11(1)]

Part - A

Inventory Report for the year :

Endangered Species*

Sl. No	Animal Name	Scientific name	Opening Stock as on				Births			Acquisition			Disposal			Death			Closing Stock as on			
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
4	Peacock	Pavo cristatus	1			1													1			1

Animal under Schedule I and Schedule II of the Wild Life (protection) Act 1972

Part - B

Other than Endangered Species

Sl. No	Animal Name	Scientific name	Opening Stock as on				Births			Acquisition			Disposal			Death			Closing Stock as on			
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T
1	Spotted deer	Axis axis	102	130		232									1	2			101	128		229
2	Barking Deer	Muntiacus muntjak	1			1								1								
3	Wild Boar	Sus scrofa	1	1		2													1	1		2

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
			Male	Female		
1	Spotted deer	Axis axis	Male	Female	01.10.2018-F 15.10.2018- F 28.11.2018- M	Due to old age
2	Barking deer	Muntiaous muntjack	Male		01.08.2018	Due to old age

26. Annual inventor of animals

Form - II
[See Rule 11(1)]

Part - A
Inventory Report for the year :

Endangered Species*

Sl. No	Animal Name	Scientific name	Opening Stock as on				Births			Acquisition			Disposal			Death			Closing Stock as on				
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T	
4	Peacock	Pavo cristatus	1			1														1			1

Animal under Schedule I and Schedule II of the Wild Life (protection) Act 1972

Part - B

Other than Endangered Species

Sl. No	Animal Name	Scientific name	Opening Stock as on				Births			Acquisition			Disposal			Death			Closing Stock as on				
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T	
1	Spotted deer	Axis axis	102	130		232										1	2			101	128		229
2	Barking Deer	Muntiacus muntjak	1			1										1							
3	Wild Boar	Sus scrofa	1	1		2														1	1		2

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
			Male	Female		
1	Spotted deer	Axis axis	Male	Female	01.10.2018-F 15.10.2018- F 28.11.2018- M	Due to old age
2	Barking deer	Muntiaous muntjack	Male		01.08.2018	Due to old age

28. Compliance with condition stipulated by the Central Zoo Authority

Sl. No.	Norm No. under RZR, 2009	Condition stipulated	Time period to comply	Since when pending	Status with regard to compliance of the condition
2. Administrative and staffing pattern					
2	10.2(1)	Whole time In-charge with adequate administrative and financial powers should be appointed at the Deer Park.	Six months	22.06.2009 & 28.9.2016	Proposals will be given to Govt. of Odisha for consideration
3. Development and Planning					
3	10.3 (1), (3) & (6)	Master (Layout) Plan along with animal collection plan and Master Plan should be submitted for approval of the Central Zoo Authority.	Two months	22.06.2009 & 28.9.2016	Compliance report will be submitted very soon.
4. Animal housing, display of animals and animal enclosures					
5	10.4(5)	The area of the enclosures for Wild pig and Barking deer should be increased in accordance to guidelines of the Central Zoo Authority.	One year	22.06.2009 & 28.9.2016	Separate enclosures made at different points for wild pig and barking deer.
6	10.4(6)	Enclosures for animals should be enriched properly.	Three months	22.06.2009 & 28.9.2016	Enriched properly
7	10.4(7)	Adequate screening should be provided between enclosures for spotted deer and Barking deer.	Six months	22.06.2009 & 28.9.2016	Now it has separated
5. Upkeep and Healthcare of animals					
10	10.5(2)	The food and water samples should be got tested randomly and records should be maintained.	Immediately and thereafter at least once in three months	22.06.2009 & 28.9.2016	Hence forth Records will be maintained
13	10.5(9)	The staff involved in the health care of animals should be screened against zoonotic diseases once every year and records should be maintained.	Two months and thereafter at least once a year	22.06.2009; 14.10.2011 & 28.9.2016	It is carried out every year for all the staff of Deer Park.
14	10.5(10)	The Operator should prepare and use Keepers' Diary, Daily Reports, Animal History Cards and Treatment Cards, as per standards specified by the Central Zoo Authority.	Immediately	22.06.2009 & 28.9.2016	The same will be maintained hence forth.

6. Veterinary and infrastructure facilities					
15	10.6(1)	Well equipped treatment room should be constructed.	Within six months	22.06.2009 14.10.2011 & 28.9.2016	Treatment room will be constructed this year after received of fund from CAMPA APO-2017-18 executed during 2018-19
16	10.6(3)	Well equipped post-mortem room should be constructed away from enclosures.	Six months	22.06.2009 & 28.9.2016	Post-mortem room will be upgraded.
7. Post-mortem and disposal of carcasses of animals					
18	10.7(2)	Findings of Post-mortem of animals that die at the Deer Park should be recorded in format prescribed by the Central Zoo Authority.	As and when needed	22.06.2009 & 28.9.2016	Hence forth all details will be recorded in proper format.
9. Acquisition and breeding of animals					
19	10.9(4)	Pairing of single animals namely Wild pig and Peafowl should be done.	Six months	22.06.2009 & 28.9.2016	Pairing done in case of wild pig and for peafowl it will be taken up very soon.
20	10.9(9)	Population control measures to limit the number of Spotted deer which is presently 160 (68.92) should be implemented.	With immediate effect	22.06.2009 ; 14.10.2011 & 28.9.2016	Segregation of male/female has been taken up to control the population.
12. Visitors facilities					
21	10.12(1)	Visitors amenities should Be improved	Within three months	22.06.2009; 14.10.2011 & 28.9.2016	Provided in different locations.

29.**List of free living wild animal within the zoo premises**

- a. Mammals :-
- b. Birds :- Variety of birds found inside zoo area.
- c. Reptiles :- India soft shelled turtle found in a water body inside Zoo premises.