

# Deer Park, Papadahandi

Annual Report for the year

2017-18

# **C O N T E N T S**

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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.

| <b>Sl No.</b> | <b>Name of the Species</b> | <b>Male (In Nos.)</b> | <b>Female (In Nos.)</b> | <b>Total</b> |
|---------------|----------------------------|-----------------------|-------------------------|--------------|
| <b>1</b>      | <b>2</b>                   | <b>3</b>              | <b>4</b>                | <b>6</b>     |
| 2             | Spotted Deer               | 102                   | 130                     | 232          |
| 2             | Barking deer               | 01                    | --                      | 01           |
| 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 31<sup>st</sup> October-2014 vide F No. 19-112/92-CZA (197) (M) dtd. 17.10.2009. After getting recognition a Master Plan was prepared and submitted vide this Office Memo No. 2290 dtd. 08.06.2009 including site layout plan and was instructed for further modification. Accordingly a revised master plan was submitted vide this office Memo No. 1360 dtd. 05.04.2012 and has been ask to resubmit the master plan with some modification. The revised master plan will be submitted shortly.

For administrative management purpose one Forest Guard has been posted in the Deer Park to be in-charge and 04 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 Rs. 1,000/- per month.

In response to the CZA guidelines the park enclosure has been further extended, new enclosures, signages, post mortem room, doctor chambers have been constructed, standoff barrier has been erected, visitors 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.

**Sd/-**  
**Sri Ranjit Kumar Mallik, OFS,Gr-A(SB)**  
**Divisional Forest Officer,**  
**Nabarangpur Division.**

## 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 Pattnayak) 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.

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)

| Sl No.                                 | Particulars                                 | Information  |
|--|---|--|
| <b>Basic Information about the zoo</b> |   |  |
| 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                              | <a href="mailto:dfo.ngpur@yahoo.co.in">dfo.ngpur@yahoo.co.in</a>   |
| 8                                      | Website                                     | www.dfonabarangpur.in  |
| 9                                      | Distance from nearest                       | Airport:- Visakhapatnam- 300 Km.<br>Railway Station:- Jeypore- 50 Km.<br>Bus Stand: 10 Km from Nabarangpur.      |
| 10                                     | Recognition Valid upto (Date)               | 23.08.2018   |
| 11                                     | Category of zoo                             | Mini Zoo   |
| 12                                     | Area (in Hectares)                          | 12 Ha  |
| 13                                     | Number of Visitors (Financial Year 2017-18) | Adult: 84,946<br>Children: 44,693<br>Total Indian: 1,29,639<br>Total Foreigners: nil<br>Total Visitors: 1,29,639 |
| 14                                     | Visitor's Facilities Available in Zoo       | Sitout, Drinking water, Parking area, Toilet etc.  |
| 15                                     | Weekly Closure day of the Zoo               | Every Monday   |

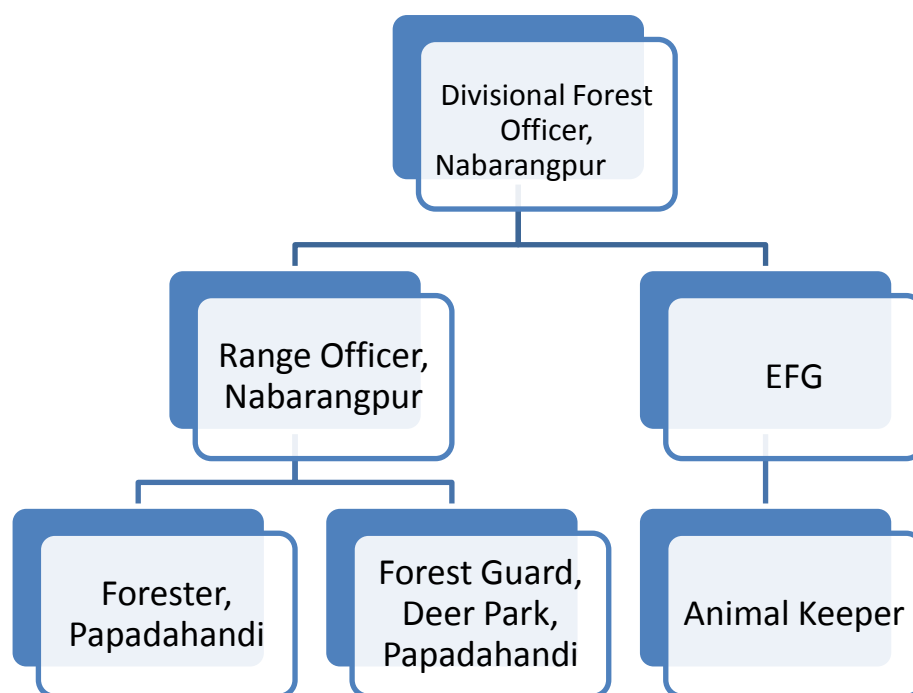
| <b>Management Personnel of the Zoo</b> |  |  |
|--|--|--|
| 16                                     | Name with designation of the Officer-in-charge | Sri Ranjit Kumar Mallik, OFS, Gr-A (SB),D.F.O, Nabarangpur Division. |
|  | Name of the Veterinary Officer                 | Sri Sunil Kumar Nayak  |
|  | Name of the Curator                            | --   |
|  | Name of the Biologist                          | --   |
|  | Name of the Education Officer                  | --   |
|  | Name of the Compounder/ Lab Assistant          | --   |
| <b>Owner / Operator of the Zoo</b>     |  |  |
| 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 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 | Name of the incumbent    |
|-------|------------------------------|----------------------------|--------------------------|
| 1     | Divisional Forest Officer    | --                         | Sri Ranjit Kumar Mallik  |
| 2     | Asst. Conservator of Forests | --                         | Sri Ghana Shyam Rath     |
| 3     | A.C.F, I/c Nabarangpur Range | --                         | Sri Dhanurjaya Mohapatra |
| 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 Ramnath Muduli       |

- Please give abovementioned 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 |
|--------|---|----------------------------|--------------------|---|
| 1.     | A. Monaj, Forest Guard                    | Tranquilisation Techniques | Annual             | Nandankanan Zoological Park                         |
| 2.     | A. Monaj, Forest Guard                    | Animal keeper              | Annual             | -do-  |

**10. Zoo Advisory Committee –**

- a. Date of constitution-
- b. Members-
- c. Dates on which Meetings held during the year-

Action is being taken to constitute the same

**11. Health Advisory Committee-**

- a. Date of constitution -
- b. Members-
- c. Dates on which Meetings held during the year-

Action is being taken to constitute the same very soon.

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

Expenditure is as follows.

| <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. 6,74,439/-        | Rs. 6,74,439/-     |
| (up to June-2018) |                       |                    |



### 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<br>Water melon during April/May | ---            |
|         |              | Leaf of Maha neem, Bija, (Piasala), Kasi, Bara, Grass etc.  | 0.5 kg to 0.6 kg apx | 0.5 kg to 0.6 kg apx                        | ---            |
| 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 apx.          | 0.3 kg apx.                                 | ---            |
| 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, Badam, (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.<br>2. Closantel for pregnant ones<br>3. Ivermectin tab. for selective ones | March, June, September, December, |
| 2       | Barking Deer | -do-  | -do-                              |
| 3       | Wild Boar    | -do-  | -do-                              |
| 4       | Peacock      | 1. Albendazol<br>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, and burning of top soil done with fallen leaves and some grasses in every season in a systematic manner in small patches. | Once a year               |
|         |              |                    | Application of potassium permanganet, sprinkling of lime  | Every 15 days             |
| 2       | Barking Deer | -do-               | Removal of earth upto 6" & filling of new earth,  | Once a year               |
|         |              |                    | Application of potassium permanganet, sprinkling of lime  | Every 15 days             |
| 3       | Wild Boar    | -do-               | Application of potassium permanganet, sprinkling of lime  | Every 15 days             |
| 4       | Peacock      | Covered enclosure  | Sweeping  | daily                     |
|         |              |                    | Application of potassium permanganet, 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, 2015<br>August, 2016<br>August, 2017 | Free from any zoonotic diseass |
| 2.      | Sri Khaga Bhatra     | Keeper       |  | -do-                           |
| 3.      | Sri Nakula Bhatra    | Keeper       |  | -do-                           |
| 4.      | Sri Pitambar Kumbhar | Keeper       |  | -do-                           |
| 5.      | Sri Ramnath Muduli   | Keeper       |  | -do-                           |

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

- (i) Construction of Boundary wall ( 2mt ht)
- (ii) Drainage line inside Zoo premises
- (iii) Fodder Plantation 5 Ha outside zoo premises
- (iv) Construction of Animal Shed
- (v) Bore well for supply of drinking water
- (vi) Electrification in the zoo premises
- (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. 8<sup>th</sup> June Every year
- (ii) Celebration of New years day for visitors and school childrens 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 agronet shed during hot summer near all water supply point.
- (iii) Plantation of fruit bearing species inside gap area of enclousers.
- (iv) Tranquilization training to frontline staff.
- (v) Rescue of animal and safe/ secure lease to nature.
- (vi) Use of anti depredation equipment and mockdrill 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 females it has been kept inside the zoo           |
| 2       | 02.07.2018     | Asian palm civet- 1 Male  | -do-                 | --   | Deer park, Papadahandi                          | Released in nature   |
| 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                   |   |   | 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         | 87                  | 112 |   | 199 | 15     | 18 |   |             |   |   |          |   |   |       |   |   | 102                 | 130 |   | 232 |
| 2      | Barking Deer | Muntiacus muntjak | 1                   |     |   | 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 |
|---------|---|--------------------|--------|---------------|---|
| 1       | Peacock   | Pavo cristatus     | Female | 02.07.2018    | Suffering from Pneumonia                      |
| 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                           |
|--|--------------------------|---|--|------------------------------------|---|
| <b>2. Administrative and staffing pattern</b>                      |                          |   |  |                                    |   |
| 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                |
| <b>3. Development and Planning</b>                                 |                          |   |  |                                    |   |
| 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.                              |
| <b>4. Animal housing, display of animals and animal enclosures</b> |                          |   |  |                                    |   |
| 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  |
| <b>5. Upkeep and Healthcare of animals</b>                         |                          |   |  |                                    |   |
| 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.   |
| <b>6. Veterinary and infrastructure facilities</b>         |          |   |                       |                                    |  |
| 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 receipt 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.   |
| <b>7. Post-mortem and disposal of carcasses of animals</b> |          |   |                       |                                    |  |
| 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.   |
| <b>9. Acquisition and breeding of animals</b>              |          |   |                       |                                    |  |
| 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.   |
| <b>12. Visitors facilities</b>                             |          |   |                       |                                    |  |
| 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 :- Indian soft shelled turtles found in a water body inside Zoo premises.

**Sd/-  
Divisional Forest Officer  
Nabarangpur Forest Division.**