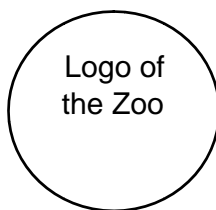


Rasikbeel Mini Zoo

Annual Report for the year 2019-20



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Report of the Officer -in-charge: Sri Biman Kumar Biswas, W.B.F.S. Ex -Officio Director,
Rasikbeel Mini Zoo & Divisional Forest Officer,
Coochbehar Division.

1. **History of the Zoo** : Rasikbeel Mini Zoo was established in the year of 1997 as Bochamari Deer Park. On 08.06.2003 Gharial enclosure was started functioning in the same park, later on Tortoise enclosure was added in the year of 2004. On 26.12.2005 the Leopard enclosure and Aviary were started in this park. The Rasikbeel Mini Zoo is situated at the heart of the Protected Forest Blocks of Rasikbeel and Chengtimari Mouza of Nagurhat beat of Coochbehar -I Range under Coochbehar Division. Rasikbeel Mini Zoo was recognised by the Central Zoo Authority, Govt. of India, vide letter No. F No. 22 -71/2004 -CZA(457) (M) dated: 05.08.2005.
2. **Vision** : The Rasikbeel Mini Zoo envisions a world with compassion towards wildlife and obligation towards nature. It is committed towards protection and preservation of wild animal species and strives for a peaceful co-existence of development and conservation .
3. **Mission** : To develop amongst visitors empathy for wild animals and motivate them to support conservation of wildlife. To act as a center for receiving ill, injured, seized and orphaned animals of Coochbehar District for temporary shelter, treatment and release the same in wild subject to availability of suitable habitat or otherwise scientific upkeep with strict adherence to the guidelines framed for the purpose.
4. **Objective** : As per the National Zoo Policy, 1998, in defining purposes of a zoo, stress was given on conservation breeding, conservation education and for conservation research. Accordingly, the objectivities of the Rasikbeel Mini Zoo are decided as follows:
 - Conservation and Education.
 - Exhibit and display of wild animals in a naturalistic conditions.
 - Recreation and awareness for local visitors and tourist in the thematic settings of the Mini Zoo contemplating safety of animals as well as visitors.

5. **About us :**

Sl.No.	Particulars	Information
Basic Information about the Zoo		
1	Name of the Zoo	Rasikbeel Mini Zoo
2	Year of Establishment	1997
3	Address of the Zoo	Post: Nagurhat, PS: Boxirhat, Dist: Coochbehar, West Bengal.
4	State	West Bengal.
5	Telephone Number	03582 -227727
6	Fax Number	03582 -230751
7	E-mail address	cobdivn@gmail.com
8	Website	NIL
9	Distance from nearest	Airport: 200 km
		Railway Station: 10 km
		Bus Stand: 1.0 km
10	Recognition Valid upto (Date)	22.03.2020
11	Category of zoo	Mini Zoo
12	Area (in Hectares)	20.17 ha
13	Number of Visitors (2018 -19)	Adult : 95,263 nos.
		Childr en : 10,504 nos.
		Total Indian : 1,05,767 nos
		Total Foreigners : 0 nos .
		Total Visitors: 1,05,767 nos.
14	Visitors' Facilities Available in Zoo	i) Drinking water facilities ii) Urinals iii) Lawns iv) Visitors shed v) Rain shelter etc.
15	Weekly Closure Day of the Zoo	Thursday.

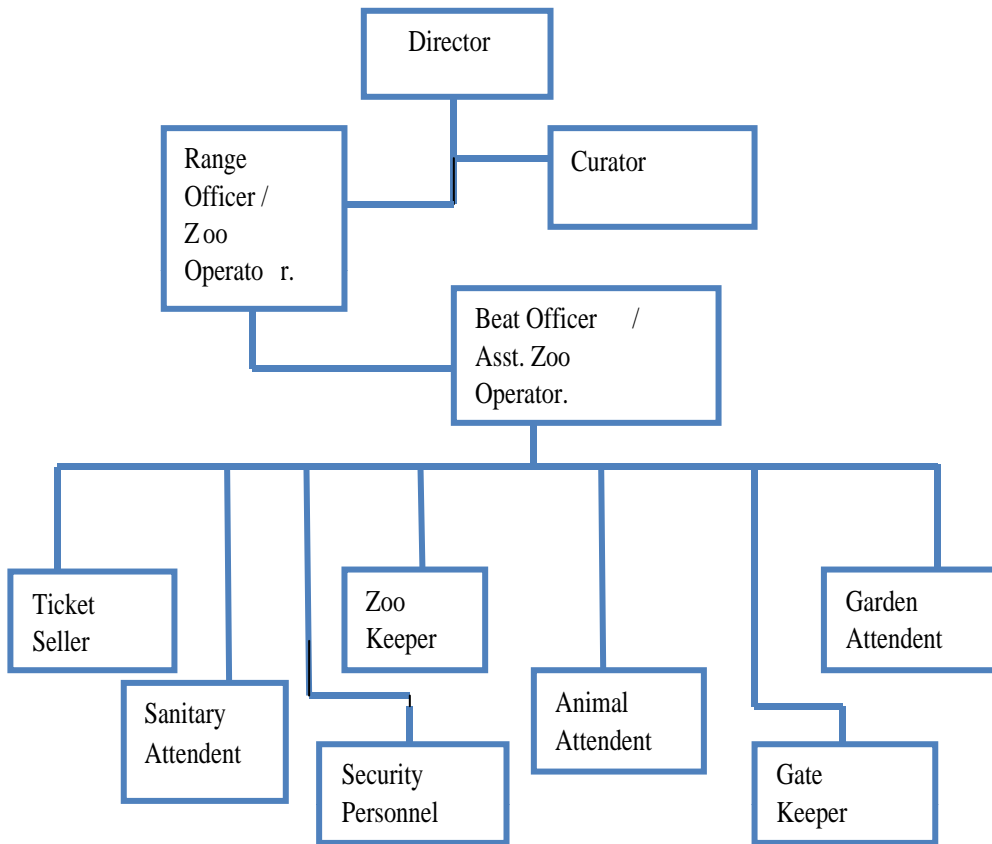
Sl.No.	Particulars	Information
Management Personnel of the zoo :		
16	Name with designation of the Officer in charge	Sri Biman Kumar Biswas, W.B.F.S. Ex - Officio Director, Rasikbeel Mini Zoo & Divisional Forest Officer, Coochbehar Division.
	Name of the Veterinary Officer	No permanent Veterinary Officer.
	Name of the Curator	Sri R aju Ray, W.B.F.S. Asst. Divisional Forest Officer, Coochbehar Division.
	Name of the Biologist	Nil
	Name of the Education Officer	Nil
	Name of the Compounder/ Lab Assistant	Nil
Owner / Operator of the Zoo		
17	*Name of the Operator	Sri Suranjan Sarker, F.R. Range Officer, Coochbehar -I Range.
18	Address of the Operator	Office of the Range Officer, Coochbehar -I Range, Near I.T.I. More, Nilkuthi Rail Ghumti, Ward No. 9 PO: Kharimala Khagrabari Nilkuthi Rail Ghumti, Ward No. 9, Dist: Coochbehar.
19	Contact details/Phone number of Operator	Mobile No. 97349 79475
20	E -mail address of Operator	frsuranjan@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.

6. Organizational Chart :



7. Human Resources : Manpower of the Zoo *

Sl.No.	Designation	Number of Sanctioned Posts	Names of the incumbent
1	Ex-Officio Director & Divisional Forest Officer	1	Sri Biman Kumar Biswas , WBFS.
2	Curator & Asst. Divisional Forest Officer	1	Sri Raju Ray , WBFS.
3	Zoo Operator & Range Officer	1	Sri Su ranjan Sarkar , FR.
4	Asst. Zoo Operator & Beat Officer	1	Sri Nanda Dulal Saha , DR/Fr.
5	Zoo Keeper	1 no.	Sri Dipankar Sarkar.
6	Animal Keeper	2 nos.	Sri Parimal Rava
			Mustak Ali

8. Capacity Building of zoo personnel during 2019 -20:

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	Sri Dipankar Sarkar, Zoo Keeper.	Workshop on Capture of Animals and Tranquilisation.	2 days (22nd & 23 rd Feb/2020)	North Bengal Wild Animal Park, Siliguri, W.B. .
2	Sri Nibaran Barman, Garden Attendent,	=do=	=do=	=do=

9. Zoo Advisory Committee – NIL

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

10. Health Advisory Committee – NIL

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

11 . Statement of income and expenditure of the Zoo

2019 -20 :

Revenue - Rs. 16,93,763.00

Expenditure - Rs: 54,29,573.00

12 . Daily feed Schedule of animals :

Sl.N o.	Species	Feed item	Quantity		Day of fasting
			Winter	Summer	
1	Leopard	Beef	2.750 kg	2.50 kg	Monday
2	Common Peafowl	Wheat , Rice	100 gms, 200 gms & Fruit	100 gms & 200 gms	Nil
3	Golden Pheasant	Wheat, Rice , Fruit, Vegetables, Boiled Egg	100 gms , 200 gms , Fruit, Vegetables, Boiled Egg.	100 gms , 200 gms , Fruit, Vegetables, Boiled Egg.	Nil
4	Python	Undressed chicken	500 to 600 gms per week	500 to 600 gms per week	
5	Gharial	Fish	750 gms	750 gms	Nil
6	Spotted Deer	Gram, Maize, Flour, Soyabean, Black salt & Green Fodder.	775.0 gms	775.0 gms	Nil
7	Indian Civet	Dressed & Boiled chicken	250 gms	250 gms	Nil
8	Silver Pheasant	Wheat, Rice , Fruit, Vegetables, Boiled Egg	100 gms , 200 gms , Fruit, Vegetables, Boiled Egg.	100 gms , 200 gms , Fruit, Vegetables, Boiled Egg.	Nil

13 . Vaccination Schedule of animals :

Sl.No.	Species	Disease vaccinated for	Name of the Vaccine and dosage/ quantity used	Periodicity	Remarks
1	Leopard	Combined FCV, FRV & FPV vaccine.	Feligen CRP	Once in a year	

14. De-worming Schedule of animals :

Sl.No.	Species	Drug used	Month
1	Leopard	Easypet mel tab	6 monthly
2	Spotted Deer	Oxfenvet	6 monthly

15. Disinfection Schedule:

Sl.No.	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
1	Spotted Deer	Open enclosure	To p soil 2.50 cms removed yearly	Yearly
2	Leopard	Open enclosure	Feeding cell disinfected by Dettol , Phenyl & Savlon	Top soil of Open enclosure removed yearly

16. Health Check -up of employees for zoonotic diseases :

Sl.No.	Name	Designation	Date of Health Check up	Findings of Health Check up
1	Sri Dipankar Sarkar	Zoo Keeper	23.10.2019	Good condition
2	Sri Parimal Rava	Animal Attendant	23.10.2019	=do=
3	Mustak Ali	=do=	24.10.2019	=do=
4	Sri Nibaran Barman	Garden Attendant	23.10.2019	=do=
5	Smt Ruma Harizan	Sanitary Attendant	24.10.2019	=do=
6	Sri Dulu Orawn	Security Personnel	23.10.2019	=do=
7	Sri Manoj Barman	=do=	23.10.2019	=do=
8	Sri Tushar Kanti Das	=do=	23.10.2019	=do=
9	Sri Arindam Pandit	Ticket Seller	23.10.2019	=do=
10	Sri Manik Adhikary	Gate Keeper	24.10.2019	=do=

17. Development Works carried out in the zoo during the year 2019 -20 : Busking area for Gharials , b arbed wire fencing , wastebins, temporary stand -off barrier, plantation near the Zoo , water hyacinth removed from the adjacent area of Zoo , maintenance of rest shed , washroom, and drinking water facilities for visitors , Construction of Post Mortem Room, Const. Of Treatment Room & Store cum Kitchen etc.

18 . Education and Awareness programmes during the year **2019 -20:** Observed
 World Environment Day, Wildlife Day, Awareness Programme organised for School childrens. Cleanliness programme etc.

19 . Important Events and happenings : One female leopards transferred to Burdwan Zoological Park, Burdwan, West Bengal on 10.06.2019.

20 . Seasonal special arrangements for upkeep of animals **2019 -20:** : Rice straw for Python during winter for hibernation, provided sand for Gharials for basking and egg laying.

21 . Research Work carried out and publications **2019 -20:** NIL

22 . Conservation Breeding Programme of the Zoo **2019 -20:** NIL

23 . Animal acquisition / transfer / exchange during the year **: 2019 -20:**

A. Animals arriving in the Zoo					
H.NO.	Species	Number (M:F)	From which Zoo	Date of arrival in the zoo	
Nil	Nil	Nil	Nil	Nil	
B. Animals going from the zoo					
H.NO.	Species	Number (M:F)	Going to which Zoo	Date of deposition from the zoo	
Nil	Leopard	0: 1	Burdwan Zoological Park, Burdwan, W.B.	10.06.2019	

24 . Rescue and Rehabilitation of wild animals carried out by the Zoo **: 2019 -20:**

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
Nil	Nil	Nil	Nil	Nil	Nil	Nil

25 . Annual Inventory of animals 2019 -20:

26 . Form – II
[See Rule 11(1)]
Part – A

Inventory Report for the Year: 2019-20.

Endangered Species*

S.No.	Animal Name	Scientific name	Opening Stock as on (01.04.2019)				Births			Acquisition			Disposal			Death			Closing Stock as on (31.03.2020)							
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T				
1	Common Peafowl	Pavo cristatus	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
2	Leopard	Panthera pardus	0	4	0	4	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	2	0	2	
3	Python	Python morulus	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	
4	Gharial	Gavialis gangeticus	2	9	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	9	0	11	

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

Part – B

Other than Endangered Species :

S.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	Golden Pheasant	Chrysolophus pictus	1	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	3
2	Silver Pheasant	Lophura nymcthemera	1	1	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	3
3	Spotted Deer	Axis axis	10	19	22	51	0	0	2	0	0	0	0	0	0	0	0	1	0	0	0	2	4	1	73
4	Indian Civet	Viverra zibetha	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1

27 . Mortality of animals 2019 -20:

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	Leopard	Panthera pardus	F	06.05.2019	May be due to Cardio - respiratory arrest followed by multi organ failure.
2	Spotted Deer	Axis axis	F	28.04.2019	May be broncho - pneumonia followed by cardio -respiratory failure .

28. Compliance with conditions stipulated by the Central Zoo Authority :

Sr. No	Norm No. under RZR, 2009	Condition Stipulated	Time Period to Comply	Since when pending	Status with regard to compliance of the conditions
General requirements:					
1	10(1.5)	The zoo is located near human habitation, boundary wall of 2 meter high should be provided all around the zoo.	Six months	02.02.2018	Fund (part) has been provided during the current financial year, work is in progress, it will be completed within 2 (two) yrs.
2	10(1.6)	The keeper residing with family next to Leopard feeding and retiring cell for the last few years, should be shifted immediately from the zoo area.	With immediate effect.	02.02.2018	Action taken, already shifted from near to enclosure.
3	10(1.7)	The zoo should have a proper disposal system for waste water generated from the feeding and retiring cells.	With immediate effect	02.02.18	Construction of drainage system is in progress.
4	10(1.8)	The zoo must ensure that the feral dogs do not enter in the zoo.	With immediate effect	02.02.18	Action taken.

Sr. No	Norm No. under RZR, 2009	Condition Stipulated	Time Period to Comply	Since when pending	Status with regard to compliance of the conditions
Administrative and Staffing Pattern:					
5	10(2.1)	The Range Officer, Coochbehar -I is the officer -in-charge of the zoo. He stays 40 km away from the zoo. Thus the Beat Officer has been assigned as officer -in-charge duties, whose office is also 3 km away from the zoo. However, he does not have administrative and financial powers. It is mandatory that Officer in-Charge should have adequate administrative and financial powers.	With immediate effect	02.02.18	As a Officer -in-charge of the zoo the Beat Officer has been delegated the administrative and financial powers. (As per Financial and Administrative Rules of the West Bengal Zoo Authority in vogue).
6	10(2.2)	The Veterinary Officer should be asked to visit the zoo at least once a week or as when his services are required to the zoo to look after the health of animals and his attendance should also be marked at the zoo.	With immediate effect	02.02.18	Veterinary Officer visit the zoo on weekly basis. The Director of Animal Husbandry & Veterinary Services, West Bengal. (Memo No. 3126(15)/5M - 85/2005(Pt -2) Dt 02.06.2017.

Sr. No	Norm No. under RZR, 2009	Condition Stipulated	Time Period to Comply	Since when pending	Status with regard to compliance of the conditions
Animal Housing, display of animals and animal enclosures:					
7	10(4.2)	The Gharial enclosure should be provided with adequate sand for basking and egg laying.	With immediate effect	02.02.18	Action taken and sand mounds created for basking and egg laying.
8	10(4.2)	The zoo should add live plants to the Python enclosure.	With immediate effect .		Action taken and enrichment was done.
9	10(4.2)	The Peafowl enclosure which is presently having 360 degree visitors viewing should be planted with dense vegetation in order to allow only 25 % area for viewing.	With immediate effect	02.02.18	Action taken as per suggestion.
10	10(4.2)	The Peafowl enclosure should be provided with shade for birds. The shade may be constructed of natural material only.	With immediate effect	02.02.18	Action taken as per suggestion.
11	10(4.3)	The service gate should be provided at Leopard enclosure. It should be shifted away from the visitors' area to the back side or at any appropriate location.	Three months.	02.02.18	Proposal has been sent to WBZA and will be done soon.

Sr. No	Norm No. under RZR, 2009	Condition Stipulated	Time Period to Comply	Since when pending	Status with regard to compliance of the conditions
12	10(4.6)	The Pythons enclosure should be provided with enrichment like wooden logs to climb. The zoo should also provide adequate sand and soil as soft substrate in the enclosure.	One month	02.02.18	Action taken as per suggestion and enrichment done.
13	10(4.9)	The zoo should plant hedge between the standoff barrier and parapet wall of all the animal enclosures.	Three months.	02.02.18	Action taken by planting hedge was done to create barriers.
14	10(4.9)	The Peafowl aviary should be provided with standoff barrier of the size as prescribed by the CZA.	Three months.	02.02.18	Action taken and standoff barrier has been built.
15	10(4.9)	The Spotted Deer enclosure should be provided with standoff barrier of the size as prescribed by the CZA.	Three months.	02.02.18	Action taken and standoff barrier made up of bamboo has been created.
16	10(4.10)	The Peafowl enclosure should have proper signage.	Three months.	02.02.2018	Proper signage has been given.
17	10(4.10)	The zoo should provide warning signs for zoo visitors at various places.	Three months.	02.02.2018	Warning and awareness messages are given at many places.
Upkeep and healthcare of animals:					
18	10(5.2)	The food provide to carnivores should be checked by the Veterinary Officer of the zoo.	With immediate effect	02.02.2018	Yes, done frequently and checked by veterinary officer and Zoo Supervisor.

Sr. No	Norm No. under RZR, 2009	Condition Stipulated	Time Period to Comply	Since when pending	Status with regard to compliance of the conditions
19	10(5.3)	The zoo should prepare a diet chart for the animals housed at the zoo.	With immediate effect	02.02.20 18	The diet chart has been prepared as per prescription of Veterinary Officer
20	10(5.4)	The Rasikbeel Zoo is having four leopards, but the zoo has only two number of feeding and retiring cells available. The excess animals should be shifted to other recognized zoo in the state, with prior approval from the CZA.	Six months.	02.02.2018	Presently there are only two leopards and one leopard was shifted to other zoo.
21	10(5.5)	The provision should be made that water in the water body inside the leopard enclosure is changed frequently.	With immediate effect	02.02.2018	Yes, done.
22	10(5.10)	The Keepers Diary and Daily Report at the zoo should be signed by all concerned on each day and necessary action should be taken as stated therein. The zoo should maintain the Animal History Card and Treatment card in the format as prescribed by the Central Zoo Authority.	With immediate effect	02.02.2018	The Zoo Keeper's Diary, Animal History Card as well as Treatment Cards are maintained as per CZA formats.

Sr. No	Norm No. under RZR, 2009	Condition Stipulated	Time Period to Comply	Since when pending	Status with regard to compliance of the conditions
Veterinary and infrastructure facilities					
23	10(6.1c)	The zoo should have a treatment room with basic facilities.	With immediate effect	02.02.2018	Yes, construction of Treatment Room completed, Balance arrangements will be done shortly.
24	10(6.3)	The zoo should have a post mortem room.	Three months.	02.02.2018	Yes, construction of Post Mortem Room completed, Balance arrangements will be done shortly.
Acquisition and breeding of animals					
25	10(9.10)	It was observed that the Leopard enclosure has been provided with open top. However, the pole used to support the chain link fence barrier has been erected inside the paddock area, which presently hampers the animal movement. The same should be provided sideways in the animal enclosure. However, while doing so the structural stability should be ensured.	Six months	02.02.2018	Proposal has been sent to the WBZA and will be done soon. Power Fencing has been strengthened.
Others					
		The zoo has been burning the dry leaves inside the animal exhibits, the same should be stopped with immediate effect.		02.02.2018	Action taken and burning of leaves etc. is done in the zoo premises .

Sr. No	Norm No. under RZR, 2009	Condition Stipulated	Time Period to Comply	Since when pending	Status with regard to compliance of the conditions
		The Pheasant enclosures at the zoo should be provided with withdrawal area.		02.02.2018	Action taken as per the suggestion.
		The plastic pots provided as drinking water for animals should be replaced with earthen pots.		02.02.2018	Action taken and earthen pots are placed for drinking water.
		The Leopard enclosure has been provided with MS steel plate overhang along with power fence current. The room which keeps all equipment for power fence has been used as kitchen for family by the keeper and as a garage to park personal vehicles. This should be used exclusively for which it was constructed.		02.02.2018	Action taken, stopped personal use and the power fencing has been renewed.
		The Public Toilet constructed next to Leopard enclosure should be shifted away from animal exhibit area.	With immediate effect.	02.02.2018	Action taken the Public Toilet has been closed and will be demolished during construction of proposed boundary wall.

Sr. No	Norm No. under RZR, 2009	Condition Stipulated	Time Period to Comply	Since when pending	Status with regard to compliance of the conditions
		It was observed that inside the herbivore enclosure the Rickshaw used for feed distribution is lying. The same should be removed, it should be kept at proper place.		02.02.2018	Action taken.
		The live animal fed to the Python should be stored away from the animal exhibition area opened to public.		02.02.2018	Action taken as per suggestion.

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

- a. Mammals : Civet cat, Porcupine, wild rabbit, Jungle cat etc.
- b. Birds : Lesser whistling duck, Common teal, Ferruginous pochard, Gadwall, Red crested pochard, Cattle egret, Little cormorant, Great cormorant, Indian shag, Herons, Asian open bill, Lesser Adjutant, Northern lapwing, Pheasant tailed jacana, Grey Headed lapwing, Common sand piper, Little ringed plover & King fisher etc.
- Reptiles : Python, Monitor Lizard etc.



Ex-Officio Director
Rasikbeel Mini Zoo
&
Divisional Forest Officer
Coochbehar Division