

Garchumuk Deer Park

(Mini Zoo)

**Annual Report for the year
2017-18**



**Ex-officio Director,
Garchumuk Deer Park (Mini Zoo) &
Divisional Forest Officer
Howerah Division
5, Dalmia Park, Stadium complex
Howrah - 711 101, West Bengal**

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1. Report of the Officer-in-charge:

Basically zoo is an establishment where wild animals are kept for display to the public different from Circus and other educational scene.

In the earlier stage this zoo (was not a zoo then) at Garchumuk, Howrah was an enclosure of some deer for displaying public with picnic spot run by the Howrah Zilla Parishad. Public are generally gathered here for their weekly entertainment.

After receiving this enclosure from Howrah Zilla Parishad, the Department of Forest, Howrah Division, actually started to create this zoo as scientific centre for caring the animals and ensuring their welfare and preservation. A lot of works are to be done to connect general public with the animals and inspire everyone to love, value and care for the natural world. Practically the Garchumuk Deer Park (Mini Zoo) is now in taking off stage.

2. History of the Zoo:

Garchumuk Deer Park was established in the year 1991 at 58 Gate, Ulughata, PO Khurigachi, PS Shyampur, Uluberia, Dt. Howrah, West Bengal.

Area of the Zoo:

16.836 Acre. The area is almost flat. Soil is sandy loam to clayey.

Approach:

The Zoo is well connected with roads & rails. Distance from Howrah - 55.KM by road and from Uluberia Rly Station- 17.0 KM.

Legal status:

Owner of the land is Irrigation & Waterways Deptt., Govt. of West Bengal.

Flora:

The common species are Akashmoni (*Acacia auriculiformis*), Sirish (*Albigia spp*), Arjun (*Terminalia arjuna*), Mango (*Mangifera indica*), Neem (*Azadirachta indica*), Babla (*Acacia nelotica*) etc.

Climate, rainfall & season: Mainly three seasons appear in the area in a year. The dry season: March to June. Cold season: December to February. The maximum temperature rises in the month of May and minimum temperature in January.

Boundary:

East side : Uluberia - Gadiara Road

West side: Damodar River

North side: Kata Damodar Nadi (58 Gates)

South side: Garchumuk.

3. Vision:

The main vision of establishing this Deer Park is ex-situ conservation of wildlife and to provide natural science education, to heighten the General Public awareness, especially students, of the environment and to encourage and appreciation for wildlife are in danger.

4. Mission:

The mission is to provide a nurturing environment for animals in captivity where visitors can build upon their natural curiosity for animals.

5. Objective:

The main objective is to inspire people to care for our wildlife, to care for our environment and saving animals for their long term survival.

6. About us

S.No.	Particulars	Information
1	Name of the Zoo	Garchumuk Deer Park (Mini Zoo)
2	Year of Establishment	1991
3	Address of the Zoo	58 Gate, Ulughata, PO Khurigachi, PS Shyampur, Uluberia, Dt. Howrah, West Bengal.
4	State	West Bengal
5	Telephone Number	03214 – 271044 033-2641-1772
6	Fax Number	033-2641-1772
7	E-mail address	dfohowrah@gmail.com
8	Website	NA
9	Distance from nearest	Airport: 90 Km (Kolkata Air Port) Railway Station: Howrah - 55.0 KM Uluberia: 17.0 KM Bus Stand: Garchumuk Bus Stand within ½ KM
10	Recognition Valid up to (Date)	Reg. No. 23-3/97-CZA(382)(M) Dated: 18/3/2008 and renewal of recognition as a Mini category Zoo is for a period up to 4th May, 2019.

11	Category of zoo	Mini Category Zoo
12	Area (in Hectares)	16.836 Acre. The area is almost flat. Soil is sandy loam to clayee.
13	Number of Visitors (Financial Year)	Adult :
		Children :
		Total Indian :
		Total Foreigners :
		Total Visitors: For the period from April – 2017 to March – 2018 : 1,97,635 Nos.
14	Visitors' Facilities Available in Zoo	1) Seating Arrangement 2) First-Aid Arrangement 3) Facility of Lawns
15	Weekly Closure Day of the Zoo	Nil
Management Personnel of the zoo		
016	Name with designation of the Officer in-charge	Ex-officio Director, Garchumuk Deer Park (Mini Zoo) & Divisional Forest Officer, Howrah Division.
	Name of the Veterinary Officer	Dr. Pritam Sinha, M.V.Sc. (Surgery & Radiology), Regn. No. 2819 as V.O. at Shyampur-I Block, Howrah under Animal Resource Dev. Deptt., Govt. of West Bengal (on contact basis).
	Name of the Curator	NA
	Name of the Biologist	NA
	Name of the Education Officer	NA
	Name of the Compounder/ Lab Assistant	NA
Owner / Operator of the Zoo		
17	*Name of the Operator	West Bengal Zoo Authority
18	Address of the Operator	Aranya Bhawan, 7 th floor, Block-LA-10A, Sector-III, Salt Lake City, Kolkata-700 106
19	Contact details/Phone number of Operator	
20	E-mail address of Operator	

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

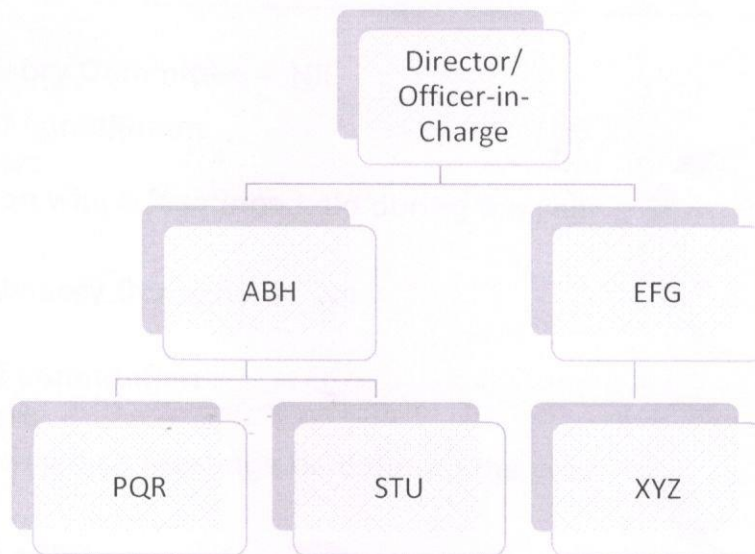
“Zoo Operator” means the person who has ultimate control over the affairs of the zoos provided that _____

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	Names of the incumbent
1	Zoo Supervisor	No Sanctioned Post Engaged by the Ex-Officio Director, Garchumuk Deer Park (Mini Zoo) & Divisional Forest Officer, Howrah Division on Contractual basis as approved by the WBZA	Sh. Ajit Kumar Dhal
2	Ticket Clerk	No Sanctioned Post	Smt. Moumita Dey
3	Gate Keeper	Engaged through Webel	Sh. Pradip Kumar Das
4	Zoo Keeper	Technology Ltd. (A Govt. of	Sh. Tapan Das

5	Zoo Keeper	West Bengal undertaking) on contractual basis as per agreement executed between the West Bengal Zoo Authority	Sh. Subrata Bag
6	Animal Attendant		Sh. Mohan Chandra Manna
7	Animal Attendant		Abdul Salam Mollah
8	Garden Attendant		Sh. Palan sardar
9	Sanitary Attendant		Sk. Akkash Ali
10	Security		Sh. Asit Pramanik
11	Security		Monirul Khan
12	Security		Sh. Jagabandhu Naskar
13	Security		Sh. Susanta Das

*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	Smt. Niranjita Mitra, WBFS Ex-Officio Director, Garchumuk Deer Park (Mini Zoo) & DFO, Howrah Forest Division	Enrichment of Animal enclosure in Zoo	2(two) days	Alipur Zoo, Kolkata under West Bengal Zoo Authority

10. Zoo Advisory Committee – Nil

- Date of constitution
- Members
- Dates on which Meetings held during the year

11. Health Advisory Committee– Nil

- Date of constitution :
- Members
- Dates on which Meetings held during the year

12. Statement of income and expenditure of the Zoo during the year 2017-18:

Income during the year 2017-18:

From Entry Fee Collection: - Rs. 197,634/- (From Zilla Parishad, Howrah-10% of the total visitors visited the zoo as Howrah Zill Parishad is collecting the Entry Fees.)

Rent from Forest (Zoo) Rest House- Rs. 7500/-

Total income: Rs. 205,134/- (Remitted to the Revenue Account of the WBZA)

Expenditure during the year-2017-18:

Spill amount of last year (2016-17) : Rs. 1,38,280=00

Total amount received : Rs. 48,04,000=00

Total : Rs. 49,42,280=00

Total expenditure incurred : Rs. 47,30,246=00

13. Daily feed Schedule of animals

Sl.No.	Species	Feed item	Quantity		Day of fasting
			Winter	Summer	
1	Peacock	Poultry Mesh, Green Leaf, Wheat Grain, Paddy	Poultry Mesh-450 gm, Green Leaf-270 gm, Wheat Grain-180 gm, Grain Paddy-180 gm per day for 6 peacock		Nil
2	Parakeet	Wheat grain, Maize, Paddy, Ground Nut Grain, Pulses, Salt	Wheat grain -30 gm, Maize-30 grms, Paddy,-30 gm Ground Nut Grain-30 gm, Pulses-30 grms per day, Salt as required		Nil
3	Golden Pheasant	Wheat grain, Maize, Paddy, Ground Nut Grain, Pulses and Salt	Wheat grain , Maize, Paddy, Ground Nut Grain, Pulses-80 grms per day, Salt		Nil
4	Silver Pheasant	Wheat grain, Maize, Paddy, Ground Nut Grain, Pulses and Salt	Wheat grain , Maize, Paddy, Ground Nut Grain, Pulses-80 grms per day, Salt		Nil
5	Red Jungle Fowl	Wheat grain, Maize, Paddy, Ground Nut Grain, Pulses and Salt	Wheat grain , Maize, Paddy, Ground Nut Grain, Pulses-80 grms per day, Salt-		Nil
6	Spotted Deer	Gram, Ground Nut Cake, Molasses black Salt, Green fodder	Gram- 24 Kgs, Oil cake-12 Kgs, Molasses- 7 Kgs, Wheat Bran- 42 Kgs, -1 Kg per Day for 74 Spotted Deer		Nil
7	Porcupine	Potato, Radish, carrot	Potato -800 gm, raddish-800 gm, Carrot-800 gm		Nil
8	Marsh Crocodile	Fish, chicken Meat	Fish-800 grms, Chicken Meat-1.5 Kgs for 1 (one) no. crocodile one day interval		One day interval
9	Indian Soft Shelled Turtle	Green leaves, Water Spinach	Green leaves- 30 grms per turtle & Water Spinach-11 kgs. Per day for 377 Nos. Turtle		Nil

14. Vaccination Schedule of animals

Sl.No.	Species	Disease vaccinated for	Name of the Vaccine and dosage/ quantity used	Periodicity	Remarks
1.	Peacock		Nil		
2.	Parakeet				
3.	Golden Pheasant				
4.	Silver Pheasant				
5.	Red Jungle Fowl				
6.	Spotted Deer				
7.	Porcupine				

8.	Marsh Crocodile			
9.	Indian Soft Shelled Turtle			

15. De-worming Schedule of animals

Sl.No.	Species	Drug used	Month
1	Peacock	Liq. Albomer-10 ml / peacock X 3 time in a year, Liq. Vimeral-30 ml per peacock X 3 times in a year, Liq. Ostocalcium-500 ml. / peacock X 3 times in a year	3 times in a year
2	Parakeet	Liq. Albomer-1 ml / parakeet X 3 times in a year, Liq. Vimeral-5 ml / parakeet X 3 times in a year	3 times in a year
3	Golden Pheasant	Liq. Albomer-1 ml / parakeet X 3 times in a year, Liq. Vimeral-10 ml / birds X 3 times in a year	3 times in a year
4	Silver Pheasant		
5	Red Jungle Fowl		
6	Spotted Deer	Liq. Albomer 40ml/deer X 3 (three) time in a year Syr. Zycloz-4 ml. At a time, Agrimin forte-500 gm /Deer X 3 times in a year	3 times in a year
7	Porcupine	Liq. Albomer-5 ml./ porcupine X 3 times in year Spreading Lime Powder inside / outside the pond monthly basis	3 times in a year

16. Disinfection Schedule :

Sl.No.	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
1	Marsh Crocodile	Aquatic Enclosure-2(two) Nos.	Thorough cleaning & lime powder spray	Monthly
2	Indian Soft Shelled Turtle			
3	Spotted Deer	Ponds - 2 (two) Nos. within Iron chain-link enclosure	(1) Thorough cleaning the deer enclosure - 2 months interval (2)Turning the mud inside the deer enclosure by digging sun drying earth for disinfection - 6 months interval. (3) Cleaning the ponds (inside the enclosure) and removing the debris etc. and spray lime powder - 1 month interval.	2 months interval 6 months interval. 1 month interval.
4	Birds Aviary	Enclosure - three side covered with steel net enclosure & one side concreted wall	(1) Cleaning - every day	Every Day
			(2) Lime powder spray- monthly	Monthly

		with mud flooring		
5	Porcupine	Four side covered with iron net with mud flooring	(1) Cleaning -every day	Every day
			(2) Lime powder spray- monthly	Monthly

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

Sl.No.	Name	Designation	Date of Health Check up	Findings of Health Check up
1.	Sh. Ajit Kumar Dhal	Zoo Supervisor	08/11/2017	No Zoonotic diseases detected
2.	Smt. Moumita Dey	Ticket Clerk		
3.	Sh. Pradip Kumar Das	Gate Keeper		
4.	Sh. Tapan Das	Zoo Keeper		
5.	Sh. Subrata Bag	Zoo Keeper		
6.	Sh. Mohan Chandra Manna	Animal Attendant		
7.	Abdul Salam Mollah	Animal Attendant		
8.	Sh. Palan sardar	Garden Attendant		
9.	Sk. Akkash Ali	Sanitary Attendant		
10.	Sh. Asit Pramanik	Security		
11.	Monirul Khan	Security		
12.	Sh. Jagabandhu Naskar	Security		
13.	Sh. Susanta Das	Security		

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

Construction of one Animal Treatment Room started during 2017-18

19. Education and Awareness programmes during the year: Nil

20. Important Events and happenings: Observe World Environment Day & Wildlife Day.

21. Seasonal special arrangements for upkeep of animals: NA

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 which Zoo	Date of arrival in the zoo
B.	Animals going from the zoo				
	H.NO.	Species	Number (M:F)	Going to which Zoo	Date of deposition from the zoo

FORM - II
[See rule 11(1)]
PART-A

Proforma for Quarterly / Annual Inventory Report
Inventory Report for the Quarter / Year: 2017-18

S. No.	Animal Name	Scientific Name	Opening Stock as on 01/04/2017				Births			Acquisitions			Disposals			Deaths			Closing stock as on 31/03/2018				Remarks
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T	
Birds			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T	
1	Peacock	<i>Pavo cristatus</i>	4	2	-	6	-	-	-	-	-	-	-	-	-	-	-	-	4	2	-	6	
2	Parakeet	<i>Melopsitacus undulatus</i>	5	6		11				46	71	283	26	36	165	5	10	117	20	32	-	52	
3	Golden Pheasant	<i>Chrysolophus pictus</i>	1	1		2													1	1	-	2	
4	Silver Pheasant	<i>Lophura nycthemera</i>	1	1		2											1		1	1	-	2	
5	Red Jungle Fowl	<i>Gallus gallus</i>	1	1		2											1		1	0	-	1	
Mammals																							
1	Spotted Deer	<i>Axis Axis</i>	48	92	34	174			14				43	66		1	4		18	42	14	74	
2	Porcupine Himalayan Crestless	<i>Hystrix brachyura</i>	1	1		2				2									1	3	-	4	
Reptiles / Amphibians						0																	
1	Marsh Crocodile	<i>Crocodylus palustris</i>	0	1		1													0	1	-	1	
2	Indian Soft Shelled Turtle	<i>Nilssonia gangetica</i>	200	276		476				1			42	58					158	219	-	377	
Total animals			261	381	34	676			14	46	74	283	111	160	165	6	15	117	204	301	14	519	

*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

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	Parakeet	<i>Melopsitacus undulatus</i>	132 Nos. (U)	12/04/2017	Immature Chick

28. Compliance with conditions 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 conditions
1	9(1)	A regular whole time 'in-charge' of the zoo should be placed with adequate financial and administrative power.	Immediately	July-2016	Matter referred to WBZA

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

- a. Mammals : Freely living in the Deer enclosures
- b. Birds : Freely living in the Bird Aviary
- c. Reptiles: Freely living in the Aquatic enclosures