

# **DEER PARK**

NMDC Limited,  
Donimalai Complex, Karnataka

Annual Report for the year  
2017-18



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1. **Report of the Officer-in-charge** - Enclosed as a Annexure-I
2. **History of the Zoo** - Enclosed as a Annexure-I
3. **Vision** - Inspiring current and future generations to become active stewards of wild life and wild places
4. **Mission** - NMDC Limited is committed to saving species in animal care with our dedication to inspiring passion for nature
5. **Objective** - Bio Diversity-Conservation education and awareness
6. **About us:-**

S.No.	Particulars	Information
<b>Basic Information about the Zoo</b>		
1	Name of the Zoo	<b>NMDC Limited, Donimalai Complex</b>
2	Year of Establishment	<b>1993</b>
3	Address of the Zoo	<b>NMDC Limited, Donimalai Complex, Sandur Thanking you,, Ballari Dist- 583118</b>
4	State	<b>Karnataka</b>
5	Telephone Number	<b>9449864862</b>
6	Fax Number	<b>08395274464</b>
7	E-mail address	<b>tsramanath@nmdc.co.in</b>
8	Website	<b>www.nmdc.co.in</b>
9	Distance from nearest	Airport: <b>Jindal</b>

<b>S.No.</b>	<b>Particulars</b>	<b>Information</b>
		Railway Station: <b>Toranagallu</b>
		Bus Stand: <b>Sandur</b>
10	Recognition Valid upto (Date)	<b>05.05.2018</b>
11	Category of zoo	Mini Zoo
12	Area (in Hectares)	5 Hectares(approx)
13	Number of Visitors (Financial Year)	Adult : <b>1700</b>
		Children 1900
		Total Indian :3600
		Total Foreigners :
		Total Visitors:3600
14	Visitors' Facilities Available in Zoo	<b>Wall paintings of different species of Deers at entrance of deer Park</b>
15	Weekly Closure Day of the Zoo	<b>Sunday</b>
<b>Management Personnel of the zoo</b>		
16	Name with designation of the Officer in-charge	<b>Sri.T.S.Ramanath, DGM(Civil),NMDC Limited, Donimalai Complex</b>
	Name of the Veterinary Officer	<b>Dr.Vali, Sadur(Tq,) ,Ballari Dist</b>
	Name of the Curator	-
	Name of the Biologist	-
	Name of the Education Officer	-

S.No.	Particulars	Information
	Name of the Compounder/ Lab Assistant	-
<b>Owner / Operator of the Zoo</b>		
17	*Name of the Operator	<b>Sri.B.Sahoo, Executive Director,NMDC Limited,Donimalai Complex, Sandur(Tq), Ballari(Dist),583118</b>
18	Address of the Operator	<b>NMDC Limited, Donimalai Complex, Sandur (Tq), Ballari Dist-583118</b>
19	Contact details/Phone number of Operator	<b>9449871000</b>
20	E-mail address of Operator	<b>bsahoo@nmdc.co.in</b>

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

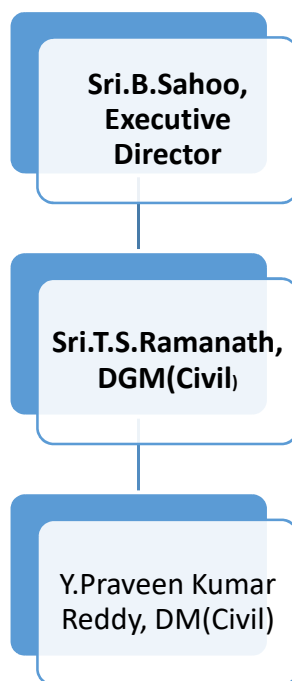
*“Zoo Operator” means the person who has ultimate control over the affairs of the zoos provided that\_\_\_\_\_*

*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	DGM(Civil)	1	Sri.T.S.Ramanath
2	Dy.Mgr(Civil)	1	Y.Praveen Kumar Reddy
3	Animal Keeper	1	Sri.Honnur Swamy

\*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 – Govt Veterinary Hospital**

a. **Date of constitution** – Monthly Once and as on when requests made by department.

b. **Members** – Veterinary Doctor along with Compounder

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

**11. Health Advisory Committee**– The Govt Veterinary doctor visits this Zoo every month in a year. The local veterinary doctor also visits as and when requests are made

a. **Date of constitution:** 1<sup>st</sup> Week of every month

b. **Members** ----

c. **Dates on which Meetings held during the year:** Every month 1<sup>st</sup> week

**12. Statement of income and expenditure of the Zoo:-**

SN	Year	Expenditure(Lakhs)	Income(Lakhs)
1	2014-15	4.00	Nil
2	2015-16	4.50	Nil
3	2016-17	4.50	Nil
4	2017-18	4.80	Nil

**13. Daily feed Schedule of animals**

Sl.No.	Species	Feed item	Quantity		Day of fasting
			Winter	Summer	
1	Antelope cervicapra	Cattle Feed at 16% Proteins	23.50 Kgs	23.50 Kgs	-

**14. Vaccination Schedule of animals**

Sl.No.	Species	Disease vaccinated for	Name of the Vaccine and dosage/ quantity used	Periodicity	Remarks
-	-	-	-	-	-



### 15. De-worming Schedule of animals

Sl.No.	Species	Drug used	Month
1	Antelope cervicapra	Albedozole syrup	1 Month/Once

### 16. Disinfection Schedule

Sl.No.	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
-	-	-	-	-
-	-	-	-	-

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

Sl.No.	Name	Designation	Date of Health Check up	Findings of Health Check up
1	Y.Praveen Kumar Reddy	Animal Keeper	-	-
1	Honnur Swamy	Animal Keeper	-	-

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

- 1) Covering of Drains in order not to enter the predators.
- 2) Removal of excreta.
- 1) Construction of Foot Bath at entrance.
- 2) Painting of fencing completed.
- 3) Removal of High Stumps completed.
- 4) Standoff barrier is in progress.
- 5) Permanent feed store renovated.
- 6) Kraal room completed.
- 7) Post mortem room completed.
- 8) Construction of additional water tanks at 6 locations.

**19) Education and Awareness programmes during the year:** Kendriya Vidyalaya School, Govt High School, Govt Primary School of Donimalai and other surrounding schools children will visit.

**20) Important Events and happenings:** World Environmental Day celebrations are conducted every year for one week (i.e upto 5<sup>th</sup> June) during which competitions like Poster painting, Slogan competitions, Essay writing etc will be conducted for all school children, employees, Home Makers etc and prizes will be distributed on final day celebrations.

**21) Seasonal special arrangements for upkeep of animals: -**

**22) Research Work carried out and publications: -NA-**

**23) Conservation Breeding Programme of the 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
	-	-	-	-	-
B.	Animals going from the zoo				
	H.NO.	Species	Number (M:F)	Going to which Zoo	Date of deposition from the zoo
	-	-	-	-	-

**26) 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 of rehabilitation in their habitat	Reasons for housing in the zoo, if not released in their habitat
-	-	-	-	--	-	-

## 27) Annual Inventory of animals

Form – II

[See Rule 11(1)]

Part – A

Inventory Report for the Year:

Endangered Species\*

S.N o.	Anim al Nam e	Scienti fic name	Opening Stock as on				Births			Acquisitio n			Dispo sal			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	<b>Black Bucks</b>	Antelope cervicapra	2 3	2 3	1	4 7	1	1	1	-	-	-	-	-	-	3	-	-	2 2	2 4	-	4 6

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

### Part – B

Other than Endangered Species

S.N o.	Ani mal Nam e	Scienti fic name	Opening Stock as on				Births			Acquisiti on			Dispos al			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
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

### 9) 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	Black Buck	Antelope cervicapra	M	25/09/2017	Acute Bloat and Death
2	Black Buck	Antelope cervicapra	M	06/10/2017	Cardiac Failure
3	Black Buck	Antelope cervicapra	M	15/12/2017	Traumatic Shock

## 28) Compliance with conditions stipulated by the Central Zoo Authority

S. N	Norm No. under RZR, 2009	Condition Stipulated	Time Period to Comply	Since when pending	Status with regard to compliance of the conditions
<b>1. General requirements</b>					
1	1(7)	Rainwater drain that passes through the Deer park can be a potential source for dogs and other predators to enter into the Deer park and hence the drain be covered.	With immediate effect	17.08.2016	Work Completed
2	1(7)	The solid waste like animal excreta, left over fodder, etc in enclosure for herbivores should be removed at regular intervals to prevent incidence of diseases/pests.	With immediate effect	17.08.2016	Solid waste from animal excreta is cleared once in a week. The work is regular in nature.
3	1(7)	The leakage in the water tank should be plugged and the wet area be disinfected.	With immediate effect	17.08.2016	The leakage to water tank is arrested and new water troughs constructed at different locations
4	1(7)	Practice of burning dry grass and twigs in the enclosure should be stopped forthwith.	With immediate effect	17.08.2016	Completely stopped.
<b>3. Development and planning</b>					
1	3(1)	Master (layout) Plan and Master Plan for long term development of the Deer Park should be submitted to CZA for its approval.	With immediate effect	17.08.2016	Submitted Earlier.
2	3(6)	Animal Collection Plan should be prepared in consultation with CZA and get it approved.	With immediate effect	17.08.2016	-
<b>4. Animal housing, display of animals and animal enclosures</b>					
1	4(3)	Dry fallen leaves to a width of 20-25 feet all around the enclosure on both sides of the fence should be swept to prevent fire accidents.	With immediate effect	17.08.2016	Work is continuous.
2	4(3)	A foot bath of appropriate size should be fixed at the entrance	With immediate effect	17.08.2016	Work completed

		of the gate and the zoo keepers shall wet his feet into the disinfectant before entering into the enclosure.			
3	4(3)	The chain link fencing has rusted and fresh paint should be applied and the chain link fencing should be kept free from climbers from the adjacent trees. All the trees touching the fence should be heavily pruned.	With immediate effect	17.08.2016	Work completed.
4	4(3)	High stumps, hardware material, timber etc lying in the enclosure should be removed to provide enough space for free movement of animals housed therein.	With immediate effect	17.08.2016	Work completed.
5	4(4)	Adequate space is not available to house 52 (26:26) Blackbuck in an enclosure of 1.5 hectares area surrounded by chain link fence. Fenced area of 3.5 hectares is contiguous to the existing enclosure. Hence the adjoining area should be opened, after attending to due repairs, rectifications etc.	Two months	17.08.2016	As of now 46 are existing
6	4(6)	Mixture of indigenous species namely Ficus, Bamboo, Neem, Tamarind etc. be planted in Deer Park.	During planting season of current calendar year i.e. July to October, 2016.	17.08.2016	Work completed
7	4(9)	Standoff barrier of 75 cm height should be provided 150cm away from the chain-link fence of the enclosure to the extent visitors are allowed. The barrier should be made using appropriate material. Space between fence and barrier be filled by raising hedge plants.	Two months	05.04.2011 and 17.08.2016	The work is completed as per the standards mentioned with 75 CM height and 150 CM away from the fencing and the hedging towards fencing already exists.
8	4(10)	Adequate signage	One month	05.04.2011	Work completed

		should be provided.		and 17.08.2016	
<b>5. Upkeep and healthcare of animals</b>					
1	5(2)	The quality of animal feed should be improved in consultation with authorities of zoos at Mysuru and Bengaluru. Many animals were found impoverished during evaluation, with specific reference to young and pregnant ones. Feed should be supplied at three to four places evenly spread in the enclosure for easy access to all the animals.	With immediate effect	17.08.2016	Feed is distributed at different locations.
2	5(2)	Nutrient / Mineral supplements by way of Mineral licks should be provided by hanging them from the trees at several places.	With immediate effect	17.08.2016	Mineral licks are hanged at 4 Nos locations by hanging to trees.
3	5(2)	Random food and water sample should be got tested for microbiological, toxicological and other contaminants.	Once in a month	17.08.2016	Water test is carried out for every 15 Days.
4	5(3)	A permanent feed store should be constructed outside the enclosure and the feed should be stored on a raised platform, free from pests like rats etc. At least one month's feed may be kept in reserve.	Six months	17.08.2016	Work completed Feed is reserved for a period of 30 Days.
7	5(5)	The feeding platform, feet trays, water troughs and water containers should be cleaned everyday and disinfected.	With immediate effect	17.08.2016	Work is in regular nature
9	5(6)	The Deer Park should have an arrangement with local Veterinary Officer to visit the Deer Park regularly.	Three months	17.08.2016	The Govt Hospital Veterinary doctor will be visiting 1 <sup>st</sup> week of every month and as and when request are made
10	5(8)	The animals should be screened for parasitic loads as per schedule prepared.	Three months	05.04.2011 and 17.08.2016	-
11	5(9)	Staff of zoo involved in healthcare of animals should be screened for zoonotic diseases.	One to two times in a year	05.04.2011 and 17.08.2016	Once in 06 months TB test and Zoonotic diseases are screened for animal keeper.
12	5(10)	An elaborate feed schedule should be	With immediate	17.08.2016	Feed schedule chart is maintained as per CZA norms

		prepared in consultation with a zoo vet and be implemented.	e effect		
<b>6. Veterinary and infrastructure facilities</b>					
	6(1)	The present treatment room is not adequate and fit to deal with Ungulates. Hence a separate treatment facility in the form of kraal with a shelter should be established in the Deer Park besides existing structures.	Six months	05.04.2011 and 17.08.2016	Work in progress
<b>7. Post-mortem and disposal of carcasses of animals</b>					
	7(1)	A separate post mortem room with all necessary equipments should be constructed away from the deer park in consultation with a zoo veterinarian.	Two months	09.04.2014 and 17.08.2016	Post mortem room construction away from the Zoo is in construction.
	7(2)	The findings of post mortem conducted are being written in a format of Department of Animal husbandry. It should be entered in the format prescribed by the CZA.	With immediate effect	05.04.2011 and 17.08.2016	Will be maintained as per CZA norms

## 29) List of free living wild animals within the zoo premises

- a. Mammals- Nil
- b. Birds - Nil
- c. Reptiles -Nil