

**ZOO AUTHORITY OF KARNATAKA**

**INDIRA PRIYADARSHINI PRANI SANGRAHALAYA,  
ANAGODU**

**ANNUAL REPORT FOR THE YEAR  
2017-18**



**K. Chandrashekhara Nayak, sfs.,  
Executive Director  
and Deputy Conservator of Forests  
Davanagere Division, Davanagere**

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1. **History of the zoo :** Davanagere district is spaced centrally in Karnataka's geographical map. The District once known as "**Manchester of Karnataka**" is now emerging as centre for education with variety of facultised colleges. The district also home renowned Archeological monuments and other tourist spots. The said zoo attracts students, rural folks, urbanites from all over Davanagere District and neighboring .

The Anagodu Forest Block is situated on either sides of the National Highway No. 4 on Davanagere to Bangalore road, spreadover 151.56 ha. It is about 18 Kms. from Davanagere. The Southern forest block of 101 ha. houses "**Indira Priyadarshini Prani Sangrahalaya**".

2. **Mission :** To connect visitors to animals through exemplary animal welfare and care, best educational and inspirational experiences, fostering public appreciation and support for wild animals and conservation.
3. **Objectives :**
  - Recreation and nature education for children in particular and tourist in general.
  - Rescue and rehabilitation of wild orphaned animals and birds.
  - To develop an understanding and awareness among the tourists on the need for conservation of natural resources.
  - Recreation for the purpose of providing wholesome, healthy, education activity by utilizing the natural features.

Sl.No.	Particulars	Information
<b>Basic Information about the zoo :</b>		
1	Name of the zoo	Indira Priyadarshini Prani Sangrahalaya, Anagodu
2	Year of Establishment	1993
3	Address of the zoo	Indira Priyadarshini Prani Sangrahalaya, PB Road, Anagodu, Davanagere District, Karnataka
4	State	Karnataka
5	Telephone Number	08192-262527
6	Fax Number	08192-262527
7	E-mail address	<a href="mailto:dcfdvg@gmail.com">dcfdvg@gmail.com</a>
8	Website	-
9	Distance from nearest	<b>Airport :</b> Bangalore, Hubli <b>Railway Station :</b> 339 Km from Bangalore & 160 Kms from Hubli <b>Bus Stand :</b> 264 Kms from Bangalore, 160 Kms from Hubli [NH4] & 19 Kms from Davanagere city.

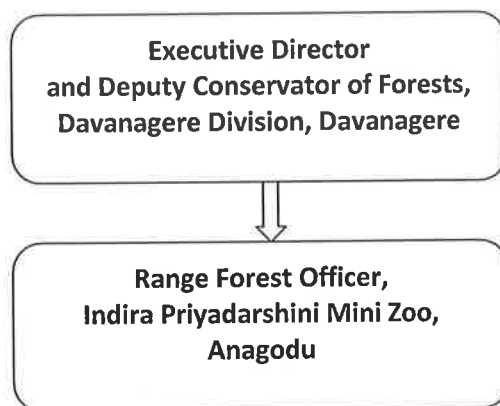
Sl.No.	Particulars	Information
10	Recognition Valid upto [Date]	05-05-2018
11	Category of zoo	Mini Category Zoo
12	Area [in Hectares]	15.00 Acres
13	Number of Visitors [2017-18]	Adult : 43513
		Children : 16199
		Total Indian : 59712
		Total Foreigners : -
	Total Visitors : 59712	
14	Visitors facilities available in zoo	Canteen, Toilet, Drinking water and Paragola
15	Weekly closure day of the zoo	Tuesday
<b>Management Personnel of the zoo :</b>		
16	Name with designation of the Officer-in-charge	Sri Mahabaleshwara Range Forest Officer
	Name of the veterinary officer	-
	Name of the Curator	-
	Name of the Biologist	-
	Name of the Education Officer	-
	Name of the Compounder/Lab Assistant	-
<b>Owner/Operatory of the zoo :</b>		
17	*Name of the operator	Additional Principal Chief Conservator of Forests [Zoo Authority of Karnataka], Mysore
18	Address of the operator	Additional Principal Chief Conservator of Forests, Zoo Authority of Karnataka, Sri Chamarajendra Zoological Garden Premises, Mysore, Karnataka.
19	Contact details/Phone number of operator	08192-262527
20	E-mail address of operator	dcfdvg@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 Secretary to the Government of Karnataka, Department of Forest, Ecology and Environment, Bengaluru.*

- 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 owner 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.

#### 4. Organisational Chart :



#### 5. Human Resources :

##### Manpower of the Zoo\*

Sl.No.	Designation	Number of Sanctioned posts	Names of the incumbent
1	Range Forest Officer	01	Sri Mahabaleshwara
2	Gate Keeper	01	-
3	Watch and ward	02	-

*\*Please give above mentioned information in respect of all zoo personnel, from the Officer in-charge upto the Animal Keeper.*

#### 6. 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
-	-	-	-	-

#### 7. Statement of income and expenditure of the Zoo for the year 2017-18 :

Expenditure	Rs. In lakhs	Income	Rs. In lakhs
Establishment charges	6.489	Gate Revenue	8.109
Animal Feed and fodder	18.353	Hotel Rent	0.250
<b>Total</b>	<b>24.842</b>	<b>-</b>	<b>8.359</b>

### 8. Daily feed schedule of animals :

Sl. No.	Species	Feed item	Quantity [Kg.]	Day of fasting
1	Spotted Deer	Hay	0.20	Tuesday
		Lucern	0.35	
		Green grass [Napier]	1.00	
		Green grass [para grass]	1.00	
		Ground nut cake	0.15	
		Salt	0.01	
		Horse gram	0.25	
		Wheat bran	0.50	
		DC oats	0.02	
		Cut branches weekly 2 days	1.00	
2	Indian Flapshell Turtle	Beef boneless weekly 6 days	0.05	
3	Slothbear	Bread	1.50	
		Banana	0.20	
		Milk	2.10	
		Apple	0.15	
		Grapes	0.40	
		Seasonal fruits	0.60	
		Sweet potato	0.10	
		Ragi flour	0.20	
		Egg Weekly 2 days	0.05	
		Honey	0.01	
4	Black buck	Hay	0.20	
		Lucern	0.10	
		Green grass [Napier]	0.50	
		Green grass [para grass]	0.50	
		Ground nut cake	0.15	
		Salt	0.005	
		Horse gram	0.20	
		Wheat bran	0.40	
		Carrot	0.10	
		Cut branches weekly 2 days	1.00	
5	Four Horned Antelope	Lucern	0.15	
		Ground nut cake	0.075	
		Salt	0.005	
		Horse gram	0.10	
		Wheat bran	0.20	
		Bengal gram	0.70	
		Green gram	0.07	
		Carrot	0.05	
		Cabbage	0.05	
		Banana	0.02	
Cut branches weekly 2 days	1.00			

## 9. Vaccination Schedule of animals :

Sl. No.	Species	Disease vaccinated for	Name of the Vaccine and dosage/quantity used	Periodicity	Remarks
1	All Cloven Footed Animals	FMD [Foot and Mouth Disease]	FMD Vaccine Dosage 2 ml per animal	February and December	-
2	All Cloven Footed Animals	HS [Hemorrhagic Septicemia]	HS Vaccine 6 ml for each	May and June	-
3	All Cloven Footed Animals	BQ [Black Quarter]	BQ Vaccine 5 ml per each	May and June	-
4	All Species of Animals	Anthrax	Anthrax Spore Vaccine 1 ml	May and June	-
5	Feline Species	Feline Rabies	Anti Rabies Vaccine 1 ml per animals and booster dose after 30 days and then	Annually	-
6		Feline Panleukopenia	Feline Panleukopenia 1 ml each	Annually	-
7		Feline Herpesvirus	Feline Herpes Virus Vaccine	Annually	-
8		Feline Calcivirus	Feline Calcivirus Vaccine	Annually	-
9		Feline Leukemia	Feline Leukemia Virus Vaccine	Annually	-
10	Birds and Poultry	Lasota	Lasota	5-7 <sup>th</sup> day repeat booster after 21 days	-
11		Infectious bursal disease	IBD	14-16 <sup>th</sup> day repeat booster after 21 days	-
12		Fowl Pox	Fowl Pox	7 <sup>th</sup> week	-
13		Raniketh	R2B	10 <sup>th</sup> week	-
14		Lasota	Lasota	17 <sup>th</sup> week	-

## 10. De-worming Schedule of animals :

Sl. No.	Species	Drug used	Month
1	All cloven footed animals	Albendazole, Fenbendazole, Prazoquintal, Trichlobendazole, Levamisole, Ivermectin and its combinations	Starting at the age of 21 days of age and repeating after 3 months till 6 months of age, and after that twice a year
2	Feline species and bears	Albendazole, Fenbendazole, Mebendazole, Ivermectin and pyrantel pamoate, and its combinations	Twice a year

## 11. Disinfection Schedule :

Sl. No.	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
1	All Cloven Footed Animals	Fencing	Phenolic Compounds	As and when required
2	Feline wild animals including bear	Cages	Phenolic Compounds	As and when required
3	Poultry and Birds	Cages	Phenolic Compounds and virchow-s spray and fogging	As and when required

**12. Health check-up of employees for zoonotic diseases :**

Sl.No.	Name	Designation	Date of Health Check-up	Findings of Health check up
-	-	-	-	-

**13. Development works carried out in the zoo during the year :**

-Nil-
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**14. Education and Awareness programmes during the year :**

- The basic objective of the zoo is to inculcate in the zoo visitors love for wild animals and build up awareness for conservation of natural resources.
- The zoo would therefore provide proper signage at each enclosure, guide maps, pamphlets and organize guided tours for school children in batches.
- Participation of non-governmental organizations would be encouraged in educational programmes.
- Signage at animal enclosures would provide description of the species, its status, distribution and habitat.
- Conducting Chinnara Vana Darshana Programme.

**15. Important Events and happenings :**

-Nil-

**16. Seasonal special arrangements for upkeep of animals :**

-Nil-

**17. Research work carried out and publications :**

-Nil-

**18. Conservation breeding programme of the zoo :**

-Nil-

**19. Animals 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
- Nil -					
B.	Animals going from the zoo				
	H.No.	Species	Number [M:F]	Going to which zoo	Date of deposition from the zoo
- Nil -					





## 22. 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	Sloth Bear	<i>Melursus ursinus ursinus</i>	Female		

## 23. Compliance with conditions stipulated by the Central Zoo Authority :

Details on compliance of the conditions stipulated by the Central Zoo Authority (as per the earlier letter of grant of recognition issued to the zoo)

Letter No. 19-230/93-CZA(112)(NS)/874/2016, dated 09.06.2016; Letter No. 19-230/93-CZA(112)(M)/1954, dated 31.12.2012/01.01.2013 and Letter No. 19-230/93-CZA(112)(M), dated 21.04.2008

Sr. No	Norm No. Under RZR, 2009	Condition Stipulated	Time Period to Comply	Since when pending	Remarks	
					Status with regard to compliance of the conditions as submitted by the Officer-in-charge of the Zoo	Status with regard to compliance as noted physically by the evaluator during the visit
1	2	3	4	5	6	7
<b>1. General Requirements</b>						
1	1.1	Zoo should exchange some spotted deer every year to maintain necessary heterozygosity in the zoo stock	With immediate effect	31.12.2012/01.01.2013	Not done	
2	1.2	The weed growth present at various places in the zoo premises should be removed to improve the landscape and it should be continued in future also.	One month	09.06.2016	Yes, Complied	
3	1.3	The movement of visitors all around the enclosures should be stopped and visitors should be allowed to have access to the enclosures to an extent which does not lead to disturbance of animals leading to stress etc.	With immediate effect	09.06.2016	Complied	
4	1.4	A two meter high chain-link fence should be erected separating the Children Park from the zoo	Within six months	21.04.2008 and 31.12.2012/01.01.2013	Not done as Master plan is approved	
5	1.7	Soak pits to be constructed to accommodate washings from the feeding kraal of the deer enclosure	Within six months	31.12.2012/01.01.2013	Not done as Master plan is approved	

1	2	3	4	5	6	7
6	1.9/1.6	Zoo should release the Peafowls in its collection free in nature/ transferred to other zoo (Bannerghatta Zoo)	Immediately	31.12.2012/01.01.2013	Not done	
7	1.9	The domestic pigeons and ducks housed at the zoo should be removed.	With immediate effect	21.04.2008	Done	
8	1.9	The zoo should have measures in place to prevent entry of stray animals.	Three months	09.06.2016	Done, Enclosed with chain link mesh all around the area.	
<b>2. Administrative and staffing pattern</b>						
9	2.1 & 2.2	The zoo should have an officer of appropriate rank as 'whole time incharge' of the zoo with powers to take decision and having adequate financial resources and infrastructural support and a veterinary officer for day to day health care of animals	One month	09.06.2016	Now RFO is deputed to discharges his duty independently	
10	2.2	Zoo should enter an agreement with a zoo veterinarian to visit the zoo regularly	With immediate effect	31.12.2012/01.01.2013	Not done, But Government veterinary doctor is available near by Zoo as and when required his service will be made frequently.	
<b>3. Development &amp; Planning</b>						
11	3.1	The zoo should submit the Master Plan to CZA. Till such action no new enclosure shall be constructed, as it is noticed that some enclosures for birds and an enclosure for Sloth bear were constructed between the period last evaluation and now, without obtaining prior approval of the Master Plan of the zoo and enclosure design of the endangered species from CZA	Three months	21.04.2009 and 09.06.2016	No, As the Master plan is not approved by CZA.	

1	2	3	4	5	6	7
12	3.8	The Zoo Operator shall not acquire any animal without the permission of the Chief Wildlife Warden under Section 11 (1)(a) and the Central Zoo Authority under Section 38I of the Act.	With immediate effect	21.04.2008	Yes	
<b>4. Animal housing, display of animals and animal enclosures</b>						
13	4.1 & 4.2	Area of the spotted deer enclosure should be extended to increase the depth of the enclosure and excluding the slop by area 1 where soil erosion is being accommodated because of movement of deer.	Within six months	31.12.2012/01.01.2013	Not done	
14	4.1/4.2	A small check dam should be constructed across the nala passing through the deer enclosure.	Within one year	31.12.2012/01.01.2013	Not done	
15	4.1 & 4.2	Sloth bear should be shifted to Bannerghatta zoo and the sloth bear enclosure dismantled	Within six months	31.12.2012/01.01.2013	Not done	
16	4.1 & 4.2	Peacocks should be left free in nature and the existing enclosure redone/modified to accommodate parakeets/partridges	Within one year	31.12.2012/01.01.2013	Not done	
17	4.2	Appropriately designed kraal should be constructed for feeding of the deer on the sides away from the visitors	Within one year	31.12.2012/01.01.2013	Not done	
18	4.2	The Zoo Operator should provide every enclosure with planting appropriate species of trees for providing shade and shelter	Three months	21.04.2008	Done	
19	4.2	The zoo should keep of such number of animals of such species for which appropriate housing facility exists.	With immediate effect	21.04.2008	Complied, Except Deer Enclosure	

1	2	3	4	5	6	7
20	4.2 & 4.3	The Zoo Operator should create/modify/improve animal housing (for the targeted species identified under the Master Plan). The animal enclosures in the park should be so designed as to meet the biological requirements of the animals housed therein. The enclosure should be of such size as to ensure that the animals get space for their free movement and exercise.	Six months	21.04.2008	Not Done as the Master plan is not approved.	
21	4.6	The aviaries for pheasant, peafowl and jungle fowl should be provided with vegetation and adequate number of perches for roosting purpose. The day enclosure for sloth bear should also be provided with hide branched perch, logs with hollows etc.	Two months	09.06.2016	Done	
22	4.7	Planting of Bamboos and other shrubs should be done around the enclosures on all sides other than the visitors' viewing side.	Within one year	31.12.2012/01.01.2013	Done	
23	4.7	Proper screening shall be provided in pheasants and Red jungle fowl enclosure to prevent excitement/stress due to visibility in these enclosures.	With immediate effect	09.06.2016	Done	
24	4.9	Stand-off barriers have to be provided in respect of the herbivore enclosures and bird enclosures as per guidelines of CZA.	Three months	21.04.2008, 31.12.2012/01.01.2013 and 09.06.2016	Done	
25	4.10	Appropriately designed and adequately informative signages should be provided near visitor's viewing area of all the enclosures.	Within three months	21.04.2008 and 31.12.2012/01.01.2013	Done	
<b>5. Upkeep and health care of animals</b>						
26	5	Periodic sterilization of the feeding cells, kraal Chain-link fence as per Rules	With immediate effect	31.12.2012/01.01.2013	Done	

1	2	3	4	5	6	7
27	5.2	The zoo should have uniform distribution of food and should follow a feeding schedule etc by contacting the major zoos like Mysore/Bannerghatta zoo.	With immediate effect	21.04.2008 and 09.06.2016	Not Done	
28	5.3	The feed and fodder for the ungulates should be placed at more number of places, along with water. Mineral licks should be hung to tree branches in ungulate enclosure at 5-6 places	With immediate effect	09.06.2016	Done	
29	5.4	There is rat menace noticed in the food store. The food items are placed on the floor rendering them prone to catch moisture. Hence they should be placed on wooden platform. The feed store should be made rat free.	One month	09.06.2016	Done	
30	5.5	The food containers and water bowls/trays/troughs shall be cleaned and disinfected on daily basis. The leftover food should be removed every day in evening to prevent rat menace Similarly the left over excreta in ungulate enclosure should be removed daily.	With immediate effect	09.06.2016	Done	
31	5.6	The animal shall be handled only by the staff having appropriate experience and training in handling the animals. Every care shall be taken to avoid discomfort/behavioural stress or physical harm to any animal.	With immediate effect.	21.04.2008	Done	

1	2	3	4	5	6	7
32	5.8	Every animal should be screened for parasitic disease for which a written schedule should be followed as being followed in Mysore Zoo. A written schedule of de-worming and vaccination as being followed in Mysore/ Bannerghatta zoo should be prepared and followed.	With immediate effect	31.12.2012/01.01.2013 and 09.06.2016	Not Done	
33	5.9	The staff involved in upkeep and health care of zoo animals should be screened for zoonotic diseases and take necessary follow up.	With immediate effect	21.04.2008, 31.12.2012/01.01.2013 and 09.06.2016	Done	
34	5.10	The Zoo shall maintain Animal History Sheets and Treatment Cards in respect of each reptile of endangered species.	With immediate effect	21.04.2008	Not done	
<b>6. Veterinary &amp; Infrastructure facilities</b>						
35	6.1	Zoo should have a full fledged veterinary unit with all the necessary equipment, accessories and drugs.	Three-six months	21.04.2008 and 09.06.2016	Not Done	
36	6.3	The zoo should employ a compounder / stockman for healthcare of animals	With immediate effect	31.12.2012/01.01.2013	Not Done	
<b>7. Post mortem and disposal of carcasses of animals</b>						
37	7.2	The findings of the post mortem should be recorded in the format as prescribed by CZA and preserved.	With immediate effect	21.04.2008, 31.12.2012/01.01.2013 and 09.06.2016	Not Done, but PM Reports are maintained in ED office.	
<b>9. Acquisition and breeding of animals</b>						
38	9.3	The Zoo should find an appropriate mate for the single sloth bear, Sambar and Black buck housed in the zoo in consultation with the recognized zoos in the country	Six months	21.04.2008	Not Done	
39	9.4	The zoo should acquire a male for the single female sloth bear. Similarly, pheasants should be paired.	Three-five months	09.06.2016	Not Done	


1	2	3	4	5	6	7
40	9.9	Spotted deer should be kept as per the carrying capacity of the enclosure	Six months	21.04.2008 and 09.06.2016	Not Done, but excess animals may be transported and released near by forest areas with prior permissions of the Higher Authority. The care must be taken as the deer is sensitive animal.	
41	9.9	The Zoo Operator should immediately implement appropriate control measures to safeguard against uncontrolled growth to the population of Spotted deer by implementing appropriate population control measures.			No	
<b>12. Visitor Facilities</b>						
42	12.2	Anti snake venom should be available at zoo.	With immediate effect	31.12.2012/01.01.2013 and 09.06.2016	No	
<b>Rule 11- Maintenance of Records and submission of inventory to the Central Zoo Authority</b>						
43	11 (1)	The records of birth, acquisition, disposals and death of the animals should be maintained. The inventory of the animals in the Zoo as on 31 <sup>st</sup> March every year shall be submitted to the CZA by 30 <sup>th</sup> April of the same year	With immediate effect	21.04.2008	The inventory report is maintained & submitted to CZA every year.	
44		A brief summary of the death of animals in the Zoo for every financial year, along with the reasons of death identified on the bass of the post-mortem report and diagnostic tests should be submitted to the Central Zoo Authority	With immediate effect	21.04.2008	The brief summary of death of animals with PM report duly submitted by RFO to the ED which are maintain in this office	
45		The Zoo Operator should submit an Annual Report for activities of the Centre in respect of each financial year to the Central Zoo Authority.	With immediate effect	21.04.2008	Done	



1	2	3	4	5	6	7
<b>Other Observations</b>						
46		The food items should be checked periodically for quality and freshness.	With immediate effect	09.06.2016	Done	
47		The food and water samples shall be tested periodically for microbiological and other contaminants.	With immediate effect	09.06.2016	Not Done	
48		A pucca post mortem room should be constructed at a place away from the enclosures, with all necessary equipment as per CZA norms.	With immediate effect	09.06.2016	Not Done	

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

- a. Mammals - Cheetah, Sloth-bear, Wildbohr
- b. Birds - Parrot
- c. Reptiles - Snakes

  
**K. Chandrashekhara Nayak, SFS.,**  
**Executive Director**  
**and Deputy Conservator of Forests**  
**Davanagere Division, Davanagere**





























