

Zoo Authority of Karnataka

**Children's Park cum Mini Zoo,
Radio Park, Bellary**

**ANNUAL REPORT
2018-19**

ANNUAL REPORT

For the year 2018-19

CONTENTS

1	Report of the Officer-in-charge	4
2	History of the Zoo	5
3	Vision	6
4	Mission	6
5	Objective	7
6	About us	8
7	Organization chart	9
8	Human resources	10
9	Capacity of building of the zoo personnel	11
10	Zoo advisory committee	12
11	Health advisory committee	12
12	Statement of income and expenditure of the zoo	13
13	Food pattern	14
14	Vaccination schedule of animals	14
15	De-worming schedule of animals	15
16	Disinfection schedule	16
17	Health Check-up of employees for zoonotic diseases	17
18	Rescue and Rehabilitation of Wild animals carried out by the Zoo	18
19	Annual inventory of animals	19-21
20	Mortality of Animals for the year 2018-19	22

1. Report of the Officer-in-charge

As Executive Director of Bellary Mini zoo cum Children's Park. it gives me immense Pleasure and pride to present the annual report on the developmental works and conservation education programs undertaken in the zoo during 2018-19.

Creation of Awareness in masses esp. young adults and children of age group 10-20 years is the main activity carried out by this zoo. 2018-19 year was very memorable in the history of Bellary mini zoo cum children Children's Park, as we celebrated wildlife week in October with grandeur by involving school children, college students, environmentalists, Government officials, range forest officers trainees and local people consecutively since 3 years. We organized different events and competitions for students in zoo premises. Throughout the week local public representatives participated in the program with enthusiasm. A wide publicity was given to zoo, concentrating especially on animal adoption program.

As per the Guidelines of Central Zoo Authority, we have prepared Master (layout) plan for the period of ten years. After getting the approval for same, will allow the zoo to have many ambitious projects. Though Bellary mini zoo cum children Children's Park team has given its 100% efforts to bring this zoo at the level on par with the best zoos known in Karnataka, still lot more works are to be done. Many more enclosure, better up keep and greater facilities are the deciding factors for better future of Bellary mini zoo cum children Childrens Park shifted to new location near kamalapura.

I extend my heartfelt thanks to Chairman, Member Secretary and Governing Council members of Zoo Authority of Karnataka for extending their cooperation and support in our endeavour in all forms. I also extend my gratefulness to Chairman and committee members of the Central Zoo Authority of India for providing the required technical guidance and scientific outlook for zoo management. A very special thanks to Karnataka Forest Department for providing us with all possible human resources and support. Special mention of Local administration esp. the Zilla panchayat, Bellary for taking up initiative in developmental works through their funds. Last but not the least the general public and media for smooth functioning of the zoo.

Shri M.N.Kiran

Executive Director & Deputy Conservator of
Forests, Mini zoo cum Children's Park,
Bellary and Shri Atal Bihari Vajapayee
Zoological Park, Kamalapur

2. History of the Zoo

Bellary zoo was established on 01-10-1981 in an area of 2.4 Ha. This is located in Bellary city behind the office of the Conservator of Forests, Bellary. This zoo was established to provide nature education, to create awareness, to create a place for relaxation and for entertainment of the local public. The land in which the zoo is established is a plain land, the soil being predominantly black cotton soil. During the rainy season the whole area becomes slushy which causes inconvenience for the movement of the visitors to the zoo and also causes health hazards to the animals kept in the zoo. The flora found in the zoo area is *Acacia chandra*, *Albizia amara*, *Azadirachata indica*, *Dodonia viscosa*, *Lantana camara* etc. Since the zoo is located inside the city area no fauna is naturally found in this area. The climate is very hot in summer; temperature reaches up to 46 C during the summer. During the winter the average maximum temperature is about 30C and the average minimum temperature is about 17 C. The annual rainfall in this area is about 800 mm. The land belongs to municipal corporation Bellary and is handed over to the Forest department to establish the zoo. Pollution in this area is high due to the movement of trucks carrying iron ore and due to the movement of trains. (Both passenger and goods, especially iron ore)

Since the area available is small, there is no scope to upgrade the enclosures to the specifications laid down by the Central Zoo Authority. However Central Zoo Authority has recognized the present Bellary zoo until 2013. The enclosures and the rooms where animals are kept in captivity do not confirm to the modern scientific standards.

The new site has been selected near Kamalapura, Hospet Taluq. The process of shifting of animals to the new site has been initiated.

3.VISION

Conserve Indian Biodiversity and involve people in conservation through management of effective zoo and educational programs.

4.MISSION

In order to compliment and strengthen the national efforts in conservation of the rich Bio-diversity of the Country in general and wild animals in particular, the Mission Statement Bellary mini zoo cum children Children's Park shall be

"Live and let live"

Make the visitors leave, appreciating the intricate web of life that links all the planets creatures, big and small.

This mission will be accomplished through housing healthy wild animals in aesthetically designed naturalistic and spacious enclosures with good health care facility and to achieve the distinction of being recognized as a unique and beautiful Zoo making the visitors leaves with a satisfying and happy note.

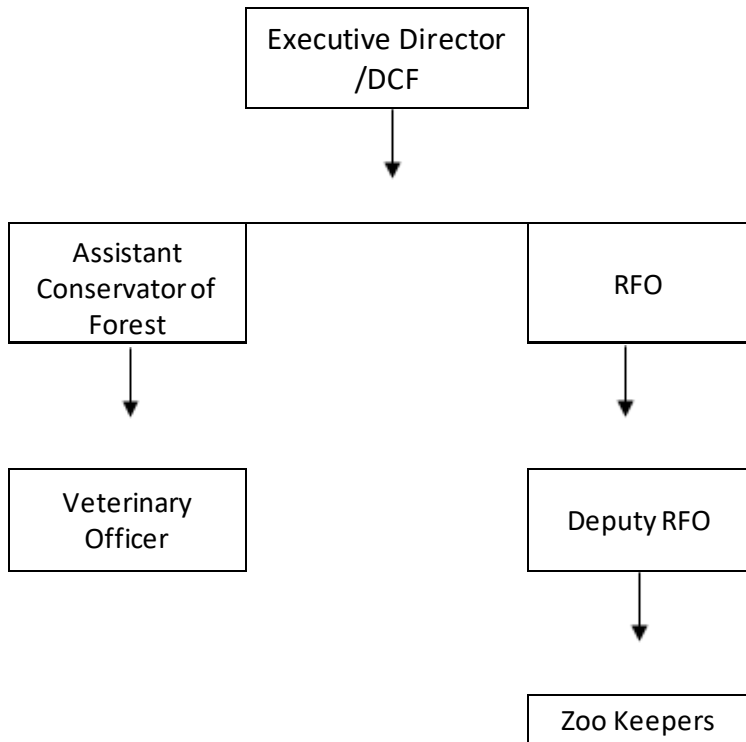
5. Objectives

1. Improve the animal health, conservation and maintenance Facilities and provide new exhibits
2. Provide on-site staff work space that enhances efficiency, Productivity and collaboration
3. Enhance the zoo's financial stability by creating facilities And programs that yield new, year round revenue streams
4. Improve visitors' experience, through recreation which shall Be incidental and not the basic objective
5. Promoting conservation education programs
6. Participating in conservation breeding programs
7. Helping in Rescue & Rehabilitation of the wild animals
8. Facilitating Research and documentation activities

6.About us

Sl.No.	Particulars	Information
	Basic Information about the Zoo	
1	Name of the Zoo	Bellary mini zoo cum Children's Park
2	Year of Establishment	1981
3	Address of the Zoo	Near DFO Office, Bellary
4	State	KARNATAKA
5	Office Number	
6	E-mail address	eddcfabvzp81@gmail.com
7	Website	www.zoosofkarnataka.com
8	Distance from nearest	Airport: 31 km (Vijayanagar Zindal Airport) Railway Station: 6 kms Bellary Railway Station)
9	Recognition Valid up to (Date)	20/01/2019
10	Visitor's Facilities available in Zoo	Visitors pathway, R.O. drinking water unit, Toilet Facility, Resting structures, paragola, children play equipments, Buses etc
11	Weekly Closure Day of the Zoo	Tuesday
12	Management Personnel of the Zoo Name with designation of the Officer in charge	Shri. K.Puru shottham Executive Director/Deputy Conservator of Forest
13	Name of the Veterinary Officer	Dr. R.Vasant
14	Name of the Curator	Sri. Ramesh V. Ganiger
15	Name of the Biologist	-
	Owner/Operator of the Zoo	
16	Name of the operator	Additional Chief Secretary
17	Address of the operator	Office of the Forest, Ecology, and Environment, Government of Karnataka, 4 th Floor, Gate No.2, M.S.Building, Bangalore-560 001 Email:- prsfee@gmail.com Office: 080-22256722 22032509 Fax:- 080-22258393

7. Organizational Chart



8. Human Resources 2018-19

Manpower of the Zoo (as per C&R of Zoo Authority of Karnataka)

Sl. No.	Category of Posts	Designation	Number of Sanctioned Posts	Names of the Incumbent
1.	B Group	Range Forest Officer (Deputation)	1	Ramesh V.Ganiger
2.		Veterinary Officer (Deputation)	1	-
3.	C Group	Deputy Range Forest Officer	1	K.M.Parameshwaraih
		Forest Guard	-	-
4.	C Group	Computer Operator	2	-
		Animal Keeper	5	-
5.	D Group	Forest Watcher	-	-
		Assistant Animal Keeper	2	-

Total all group 12 Nos

9. Capacity Building of the Zoo Personnel

Capacity building activities to the zoo staff is very essential for the management of animals. As zoo personnel should be skilled enough to handle the animals effectively without harming the animals. To achieve this, regular training programs to be conducted for zoo personnel including executive and non executive staff. Mainly this program gives or increases the capacity of the zoo keepers in handling.

As part of capacity building program or activities Zoo Authority of Karnataka organized the training program for zoo Executive Directors, Curators, Veterinary Officers and Zoo keepers in Mysore zoo on 8th to 10th Nov, 2019 in respect of management of animals, diet management in respect of quality and quantity of food, nutritional management, solid waste management, rescuing of animals and ticketing of visitors

Sl. No.	Name and designation of zoo personnel	Subject matter of Training	Period of training	Name of the institution where the training attended
1	Sri. K.Purushottam Executive Director/DCF	-	-	-
2	Sri. Ramesh V. Ganiger Curator/RFO	Barrier design Nutrition and feeding of captive animals	08-11-2018 to 10-11-2018	Shri Chamarajendra Zoological Garden, Mysore

10. Zoo Advisory Committee

Since our zoo was classified zoological park, we have not constituted the advisory committee. Overall zoo was managed by the Guidelines/inspection carried out by Chief Wildlife Warden, Karnataka and Member Secretary, Zoo Authority Karnataka. During 2018-19 we will take the necessary steps to constitute the same.

11. Health Advisory Committee

As of now veterinary care in the zoo is supervised by Assistant Director Veterinary department, Bellary and during year of 2019-20 we will take the necessary steps to constitute the same.

12. Statement of Income and Expenditure of the Zoo for the year 2018-19

Expenditure incurred and Revenue realized during last seven years

S1.No. (Rs.)	Year	Revenue Collected (Rs.)	Expenditure
1.	2018-19	22.08	73.14

13. Daily Feed schedule of animals

Sl.No.	Species	Feed Items	Frequency	Date of fasting
1	Herbivore	Vegetables concentrates	Daily	-
2	Carnivores	Beef and Chicken	Daily	Every Tuesday
3	Birds	Vegetables, Grains, Fishes +Seasonal Fruits	Daily	-
4	Crocodiles	Fish and Beef	Once in 10 days	-

14. Vaccination schedule of Animals

Sl. No.	Species	Disease vaccinated for	Name the Vaccine and Dosage/ Quantity used	Periodicity	Remarks
1	Panthera pardus	Rabies	Rabigen (1ml)	Yearly	
2	Panthera pardus	Feline RCP	Feligen RCP (1 ml)	Yearly	
3	Melursus ursinus	Rabies	Rabigen (1ml)	Yearly	
4	Melursus ursinus	CaninE DHPPI	Canigen DHPPi (1ml)	Yearly	
5	Canis aureu	Rabies	Rabigen (1ml)	Yearly	
6	Canis aureu	CaninE DHPPI	Canigen DHPPi (1ml)	Yearly	

15. De-worming schedule of Animals

Sl. No.	Species	Drug used	Month	Remarks
1	Leopard Sloth Bear Golden Jackal	Fenbendazole Niclosamide Oxiclosanide	May August November	
2	Spotted Deer Black Buck	Ivermectin	May November	
3	Lady Amherest's Pheasant Rose ringed parakeet Budgerigar Red jungle fowl	Fenbendazole	February	
4	Golden Pheasant Silver Pheasant Yellow golden pheasant Ring necked Parrot Peafowl Peafowl white Peach faced love bird Emu Yellow golden Pheasant	Levamisole Fenbendazole	November February	
5	Red eared slider	Fenbendazole	February	
6	Indian rock python	Fenbendazole Piperazine Fenbendazole Piperazine	May August November February	

16. Disinfection schedule

Sl. No.	Species	Type of Enclosure	Disinfectant used and method	Frequency of disinfection
1	Leopard	Open enclosure + Closed holding House	ViraCid-S Closed holding Method: Spraying Microlyse Method: Mop	(Once in a month)
2	Sloth Bear	Open enclosure + Closed holding House	ViraCid-S Closed holding Method: Spraying Microlyse Method: Mop	(Once in a month)
3	Golden Jackal Black Buck	Open enclosure	ViraCid-S Method: Spraying	(Once in a month)
4	Spotted Deer Aviary Red Jungle Fowl, Peafowl, Rose ringed parakeet, Black Swann	Open enclosure	ViraCid-S Method: Spraying	(Once in a month)
5	Golden Pheasant Silver Pheasant Yellow golden pheasant Peach faced love birds Budgerigar	Open enclosure	ViraCid-S Method: Spraying	(Once in a month)
6	Emu	Open enclosure	ViraCid-S Method: Spraying	(Once in a month)
7	Red eared slider	Open enclosure	ViraCid-S Method: Spraying	(Once in a month)
8	Indian rock python	Open enclosure	ViraCid-S Method: Spraying	(Once in a month)
9	Crocodile Marsh	Open enclosure	ViraCid-S Method: Spraying	(Once in a month)

17. Health Check-up of employees for zoonotic diseases

-No health check-up was carried out-

18. Rescue and Rehabilitation of Wild animals carried out by the Zoo

-No animals were rescued during 2018-19

19. Annual Inventory of Animals

Part-A

Inventory report for the year: 2018-19

a. Endangered species

Name of the Zoo: Childrens Park cum Mini Zoo, Radio Park, Bellary

Sl. No.	Animal Name	Scientific Name	Opening Stock as on 01.04.2018				Births			Acquisition			Disposal			Deaths			Receipts				Closing stock as on Upto (31.03.2019)			
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	T	M	F	U	T	M	F	U
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
I	Birds																									
1	Peacock	Pavocristatus	5	6	-	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	6	-	11
2	Parrots	Psittacula krameri	2	5	-	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	5	-	7
Total Birds			7	11	-	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	11	-	18
II.	Mammals																									
1	Bears	Melursus ursinus	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
2	Spotted deer	Axis axis	8	28	3	39			-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	28	3	39
3	Black Bucks	Antilope cervicapra	8	26	2	36			-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	26	2	36
4	Jackle	Canis aureus	1	-	-	1			-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1
Total Mammals			17	55	5	77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	55	5	77
III	Reptiles																									
1	Indian rock Python		2	2	1	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	1	5
2	Spectacled cobra		2	1	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	3
3	Crocodile	Crocodylus palustris	3	2	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2	-	5
Total Reptiles			7	5	1	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	5	1	13
Total Animals			31	71	6	108	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31	71	6	108

Part-B

Inventory report for the year: 2018-19

b. Other than endangered species

Name of the Zoo: Childrens Park cum Mini Zoo, Radio Park, Bellary

Sl. No.	Animal Name	Scientific Name	Opening Stock as on 01.04.2018				Births			Acquisition			Disposal			Deaths			Receipts				Closing stock as on Upto (31.03.2019)			
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	T	M	F	U	T	M	F	U
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
I.	Birds																									
1	White Peacock		1	1	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	2
2	Love Birds	Agapornis	-	-	37	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37	37
3	Rosy faced love Birds		-	-	18	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	18
4	Silver pheasant		2	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	2
5	Red Jungle Fowl		2	1	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	3
6	Duck		3	4	-	7																	3	4	-	7
7	Golden Pheasant		1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1
8	Yellow Golden Pheasant		1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1
9	Alexantrine Parrot		1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1
10	Gini Pheasant		1	-	-	1																	1	-	-	1
11	Lady Amherst's pheasant		1	1	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	2
12	Eclactus Parrot		1	1	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	2
13	Emu		1	1	-	2																	1	1	-	2
Total Birds			15	09	55	79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	09	55	79
II	Mammals																									
1	Hyana		1	1	2	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	4
Total Mammals			1	1	2	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	4

III	Reptiles																										
			-	-	9	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	9	
1	Star Tortoise	Geochelone	-	-	9	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	9	
2	Water Tortoise	Geochelone	-	-	7	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	7
3	Stone Tortoise	Geochelone	-	-	43	43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43	43
4	Rat Snake		1	3	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	-	4
5	Russells viper		2	1	1	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	1	4
Total Reptiles			3	4	60	67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	4	60	67
Total Animals			19	14	117	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	14	117	150	

20. Mortality of Animals for the year 2018-19

Sl. No.	Animal Name	Scientific Name	Sex	Date of Death	Reason of Death as per Postmortem report
1.	Black buck	<i>Antelope cervicapra</i>	Female	11-06-2018	Ageing/ Dehydration
2.	Spotted Deer	<i>Axis axis</i>	Uk	08-07-2018	Dehydration
3.	Black buck	<i>Antelope cervicapra</i>	Female	22-07-2018	Ageing/ Dehydration
4.	Spotted Deer	<i>Axis axis</i>	Male	13-12-2018	Ageing/ Dehydration

LIVE
mid let us
LIVE