

Zoo Authority of Karnataka

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

Annual Report 2017-18

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 2017-18.

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. 2017-18 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.

SONAL VRISHNI IFS

Executive Director & Deputy Conservator of Forests,
Atal Bihari Vajapayee Zoological Park, Kamalapur

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 30°C 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 layout plan is given in Annexure - 1.

The Central Zoo Authority has also been resenting the present condition of the zoo. Sri T.R.Baalu, the then Honorable Minister of environment and forests addressed a letter dated 25-9-2001 to Sri S.M.Krishna, the then Honorable Chief Minister of Karnataka and made a special mention of the Bellary zoo requesting to close down the existing zoo in Bellary and to transfer the animals to other places. He however indicated that the central government would also like to have a modern zoo in Bellary.

The copy of the letter of the Honorable minister is placed in Action has been initiated and an alternative site has finally been located near Kamalapur in Bilikal west reserve forest in Hospet Taluk of Bellary District

The present zoo will be relocated to Bilikal Reserve Forest at Kamalapura near Hospet and is renamed as Atal Bihari Vajpayee Zoological Park.

VISION

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

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.

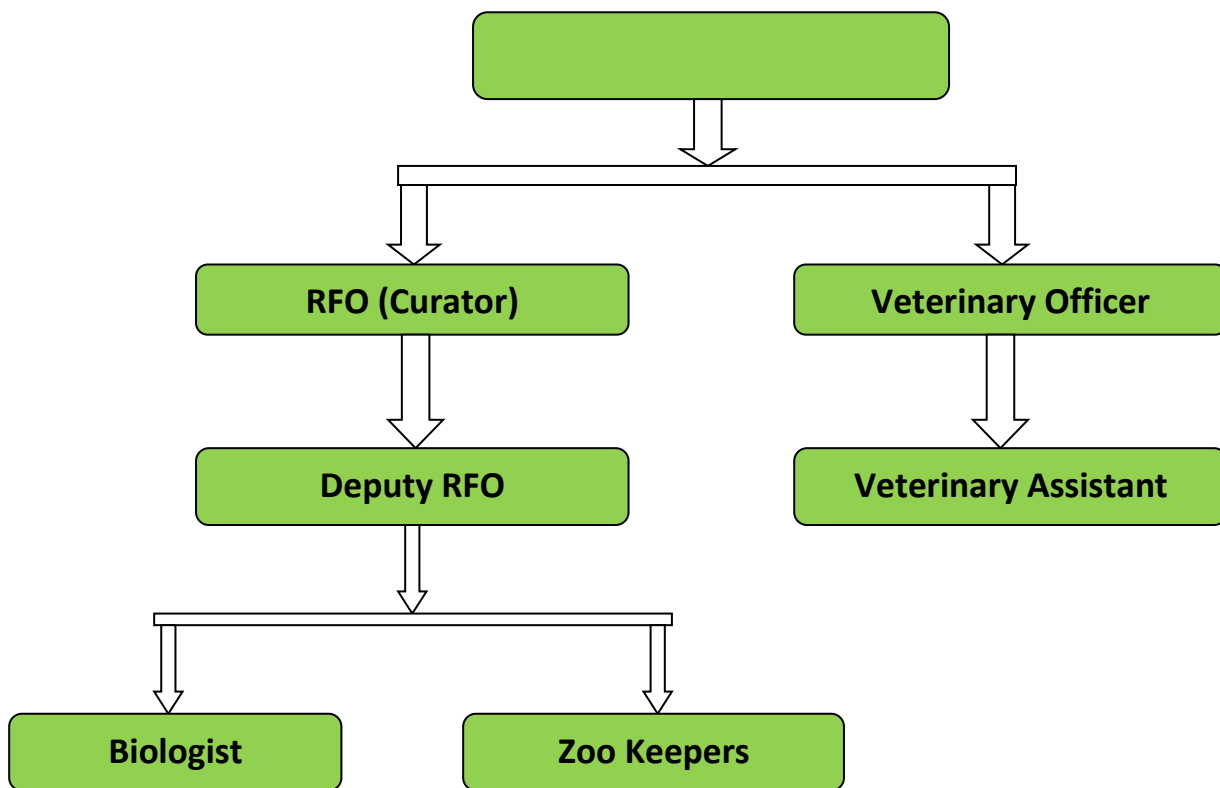
Objectives

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

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	Smt. Sonal Vrishini. I.F.S. 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	Sri. Prajwal V. Kulkarni
	Owner/Operator of the Zoo	
16	Name of the operator	Smt. Sonal Vrishni. I.F.S Executive Director/Deputy Conservator of Forest
17	Address of the operator	Office of Executive Director/Deputy Conservator of Forest, Bellary Zoo.

Organizational Chart (at present)



Human Resources

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	Sri Ramesh V. Ganiger
2		Veterinary Officer (Deputation)	1	
3	C Group	Deputy Range Forest Officer	1	Sri K.M. Parameshwaraih
4		Forest Guard (Deputation)		
5	C Group	Computer Operator	2	
6		Animal Keeper	5	
7	D Group	Forest watcher		
8	D Group	Assistant Animal Keeper	2	
Total of all group			12	

Staff pattern

(Sanctioned posts along with contract basis staff)

Sl.No.	Designation of Posts	I Deputed staff	Nos
01	Executive Director (Deputy Conservator of Forests)		1
02	Range Forest Officers		1
03	Deputy Range Forest Officer		1
04	Forest Guard		0
05	Veterinary Officer		0
06	Accountant/Case Worker		0
07	Veterinary Assistant cum Education Officer		1
		Total	4

II ZAK Permanent staff

01	MRE/DRE		1
		Total	1

III Other staff

01	Workers engaged on contract basis through contractor		7
		Total	7

Grand total (I+II+III) (4+1+7) **12**

Capacity Building of the Zoo personnel

Capacity building activities to the zoo staff is very essential for the management of animals. As zoo personal should be skilled enough to handle the Animals effectively without harming the animals. To achieve this, regular training programs to be conducted for zoo personal 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

Name and designation of zoo personnel	Subject matter of Training	Period of training	Name of the institution where the training attended
Smt. Sonal Vrishni Executive Director/DCF	Care and management of zoo animals		
Sri. Ramesh V. Ganiger Curator/RFO	Barrier design		
Sri. R. Vasant Assistant Director, AHVS	Nutrition and feeding of captive animals	08/11/2017 to 10/11/2017	Sri. Chamarajendra Zoological Gardens, Mysore
Sri. Prajwal V Kulkarni Wildlife Biologist	Protocol for transportation		
Sri. Bhimesh Zoo Keeper	Zoo animals restraining Role of zoos in conservation of biodiversity		

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.

Health Advisory Committee

As of now veterinary care in the zoo is supervised by Assistant Director Veterinary department, Bellary and during year of 2018-19 we will take the necessary steps to constitute the same.

Food Pattern

1	Herbivore	Vegetables concentrates, Grains No Fasting, Fed Twice Daily.
2	Carnivores Beef and Chicken	Fed Once in day, Tuesday Fasting
3	Birds Vegetables, concentrates	No Fasting, Fed Twice Daily Grains, Fishes+ Seasonal Fruits
4	Crocodiles Fish and Beef	Once in 10 days

Statement of Income and Expenditure of the Zoo

Expenditure incurred and Revenue realized during last seven years

Sl.No.	Year	Revenue Collected (Rs)	Expenditure (Rs)
1	2012-13	3.597	55.221
2	2013-14	5.639	63.17
3	2014-15	17.26	102.37
4	2015-16	16.19	24.90
5	2016-17	14.56	62.145
6	2017-18	16.69	130.38
7	2018-19	22.07	52.05

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	Canine DHPPI (1ml)	Yearly	
5	Canis aureus	Rabies	Rabigen (1ml)	Yearly	
6	Canis aureus	Canine DHPPI	Canine DHPPI (1ml)	Yearly	

De-worming Schedule of Animals

Sl.No.	Species	Drug used	Month
1	Leopard	Fenbendazole	May
2	Sloth bear	Niclosamide	August
3	Golden Jackal	Oxyclosanide	November
4	Spotted deer	Fenbendazole	May
5	Black buck	Oxyclosanide	November
6	Lady Amherest's Pheasant	Fenbendazole	February
7	Rose ringed parakeet		
8	Budgerigar		
9	Red jungle fowl		
10	Golden pheasant	Levamisole	November
11	Silver pheasant	Fenbendazole	February
12	Yellow golden pheasant		
13	Ring necked parrot		
14	Peafowl	Fenbendazole	February
15	Peafowl white	Fenbendazole	May
16	Peach faced love bird		
17	Emu	Fenbendazole	November
18	Yellow golden pheasant	Piperazine	February
19	Red eared slider		
20	Indian rock python	Piperazine	August

Disinfection Schedule

Sl. No.	Species	Type of Enclosure	Disinfectant used and method	Frequency of disinfection
1	Leopard	Open enclosure + Closed holding House	ViraCid-S Method: Spraying Microlyse Method: Mop	(Once in a month) (Daily)
2	Sloth bear	Open enclosure + Closed holding House	ViraCid-S Method: Spraying Microlyse Method: Mop	(Once in a month) (Daily)
3	Golden Jackal	Open enclosure	ViraCid-S Method: Spraying	(Once in a month)
4	Black buck	Open enclosure	ViraCid-S Method: Spraying	(Once in a month)
5	Spotted deer			
6	Aviary			
7	Red jungle fowl		ViraCid-S Method: Spraying)	(Once in a month)
8	Peafowl, Rose ringed			
9	Parakeet			
10	Golden pheasant	Open enclosure	ViraCid-S Method: Spraying	(Once in a month)
11	Silver pheasant			
12	Yellow golden pheasant			
13	Peach faced love bird			
14	Budgerigar			
15	Emu	Open enclosure	ViraCid-S Method: Spraying	(Once in a month)
16	Red eared slider	Open enclosure	ViraCid-S Method: Spraying	(Once in a month)
17	Indian rock python	Open enclosure	ViraCid-S Method: Spraying	(Once in a month)
18	Crocodile Marsh	Open enclosure	ViraCid-S Method: Spraying	(Once in a month)

Annual Inventory of Animals

Visitor Facilities

1. Ro Drinking Water plant
2. Sitting Benches
3. Paragola (Resting Shelter)
4. Children's playing Area

Our Team

PCCF (HOFF)
Sri Punati Sridhar IFS

Chief Wildlife Warden
Sri Jayaram C. IFS

Member Secretary,
ZAK Sri Ravi B. P IFS

Executive Director
Smt. Sonal Vrishni IFS

Curator / RFO
Sri Ramesh Ganiger

Veterinary Officer
Dr. R Vasant

Dy RFO
Sri K.M. Parameshwarah

Veterinary Assistant
Sri Nikhil Kulkarni

Wildlife Biologist
Prajwal V Kulkarni

Sri Shivappa B.

Zoo Keeper

Zoo Keeper

Zoo Keeper