

**Snake Friend Mr. Baburao  
Takkekar Zoological Snake Park  
And  
Research Centre  
"Shetkari Shikshan Mandal" Dholgarwadi**

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

## **From Officer In-charge Desk**

The Late snake Friend Mr Baburao Takkekar Zoological Snake Park and Research centre is one of the famous mini zoo situated in Kolhapur District Maharashtra Established on 06 June 1966 as the first zoological Snake park of the State, it has progressively emerged as an eminent and vibrant centre for biodiversity conservation and environmental education. As a primer mini zoo of India, it has spearheaded many significant improvements to provide highest standards of housing, husbandry and health care to the captive wild species of snakes and contributed towards enriching our knowledge on the biology of endangered species. This mini Zoological Snake park is been considered as one of the main institute for conservation of snakes which is been widely spoken in news for rescue of snakes from various places around the village and kolhapur district. This was first established by Late Mr Baburao Takkekar sir, who has attributed his entire life towards the conservation of snakes and their species. The sprawling zoo houses 9 species of snakes all together. This place has been an excellent place for eco-tourism which attracts many visitors, many research students, medical students and doctors during the year. There was significant improvement in the infrastructure development, health care, fodder production and conservation research. Under the guidance of DFO and collector, the officer incharge has given training for the people of forest department, Police officers and fire brigade workers for the rescue and care of snake species. This place is been known to provide all types of first aid for snake bites and anti venom medicines and treatment. Many zoo education and awareness programmes including Celebration of World Wetlands Day, World Pangolin Day, World wildlife day, Wildlife Week, Foundation Day etc. were organized during the year 2017-18. Every year on the day of Nag Panchmi, these snake species are shown to the tourist and to create awareness among the citizens in the village and around the kolhapur district. This Zoological Park has always been an outstanding centre for education and research. The officer in charge go beyond their way to rescue these species and provide them with all the health care they need.

I would like to thank all my staff for their hard work and dedication that made it a successful year in the maintenance and development of this mini zoo. I believe that this zoo will continue to grow as a world class zoo and to contribute significantly in the field of wildlife conservation, education and research in coming years.

**Mr Sadashiv G. Patil**  
**(Officer In charge)**

## **1. History Of The Zoo :-**

Snakes friend Late. Baburao Omana Takkekar was the founder of the 'SHETAKARI SHIKSHAN MANDAL' , Dholgarwadi, Taluka - Chandgad Dist- Kolhapur. The secondary school ,named Mamasahab lad Vidyalay run by This sanstha as well as he started park dated 06 June ,1966.

In this rural area people are illiterate and there are many superstitious, In society so he decided to develop the area .He had been giving information of environment and importance of snakes.

People do not know about snakes as to which is poisonous and non-poisonous so they kill the snakes so the snake friend Late. Mr. Baburao Takkekar thought and started to educate people of rural area to not to kill the snakes and further teach them how to take care of snakes. They save snakes are the friend of farmer. we should keep them as a pet in the farm and he gave scientific knowledge because people should remove superstition .

Our "Shetakari Shikshan Mandal" made fearless Students, people and Farmers.Medicals Students , Forest department group, Officers of Military Commando wings and other people also come to our Snake park and take scientific knowledge.

## **3.Vision:-**

- 1) To start Research centre .
- 2) To develop Snake Park .
- 4) To Conserve Wild Animals.
- 5) To Display Educational Awareness .
- 6) To research Snake venom
- 7) To acquire land for better snake park.
- 8) To keep rare Snake species.
- 9) To start Snake park in another state.

#### **4.Mission:-**

- 1) To Save the rare species.
- 2) To conserve and breeding
- 3) To protect the nature.
- 4) To raise the funds to develop.
- 5) To provide facilities to the visitors.
- 6) To provide scientific knowledge.
- 7) To eliminate superstitions from society.
- 8) To built snake park compound wall.
- 9) To start research centre.

#### **5.Objective:-**

- 1) To Snake is National wealth.
- 2) To keep & maintained the environmental balance.
- 3) To eliminate superstitions from society.
- 4) To conserve & plant trees, save nature.
- 5) To avoid the use of plastic & protect environment.
- 6) To provide scientific knowledge to visitors.
- 7) To save the snake and save the nature.
- 8) To built snake park compound wall.
- 9) To council or re-council about snake bite.
- 10) To start training centre to Forest department group , Wild doctors, Student, Farmer, Police, Officers of commando.

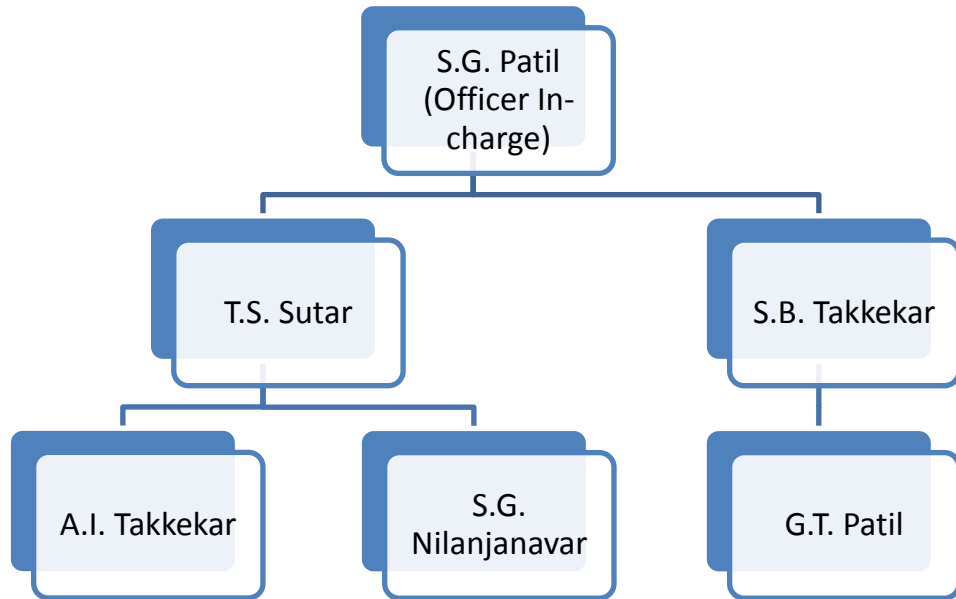
## 6. About us:-

Sr.No.	Particulars	Information
<b>Basic Information about the Zoo</b>		
1	Name of Zoo	<b>SNAKE PARK SHETAKARI SHIKSHAN MANDAL , DHOLGARWADI.</b>
2	Year of Establishment	06/06/1966
3	Address of the Zoo	At. Post Dholgarwadi, Taluka - Chandgad, Dist. –Kolhapur. Pin Code: 416507.
4	State	MAHARASHTRA
5	Telephone Number	02320-231503,231038 9420972049, 7588258939
6	Fax number	-
7	E-mail address	Snkpark1966@gmail.com
8	Website	-
9	Distance From Nearest	Airport: BELGAUM(30km) Karnataka.
		Railway Station: BELGAUM(25km) Karnataka ,
		Bus Stand: BELGUAM,KOLHAPUR,CHADNGAD
10	Recognition Valid upto (Date)	Permanent
11	Category of Zoo	Mini Zoo
12	Area ( in Hectares)	1 acre.
13	Number of Visitors (Financial Year)	Adult: 32,600
		Children: 10,180
		Total Indian: 42,780
		Total Foreigners: 20

		Total Visitors: 42,800
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14	Visitors' Facilities Available in Zoo	Yes, All Facilities Available in Zoo
<b>Sr.No</b>	<b>particulars</b>	<b>information</b>
15	Weekly Closure Day of the Zoo	Sunday
<b>Management Personnel of the Zoo</b>		
16	Name with designation of the Officer in-charge	Mr. Sadashiv Ganpat Patil.
	Name of the veterinary Officer	Mr. S. G. Nilanjanavar (DDBM & AH) Dr. modvan (B.V.Sc.)
	Name of the curator	Sandeep Takkekar, Ajit Takkekar.
	Name of the Biologist	S. R. Patil
	Name of the Education Officer	Tanaji Sattupa Waghmare
	Name of the Compounder /lab Assistant	Patil G.T, Sandeep Takkekar
<b>Owner/operator of the Zoo</b>		
17	Name of the Operator	T. S. Sutar
18	Address of the Operator	At. Post Dholgarwadi
19	Contact details/Phone Number of Operator	9420972049
20	E-mail address of Operator	-

## 7. Organizational Chart



## 8. Human Resources

### Manpower Of The Zoo

Sr.No	Designation	Number Of Sanctioned Posts	Names Of The incumbent
-	-	-	-

## 9. Capacity Building Of Zoo personnel

Sr.No.	Name and designation of the zoo personal	Subject matter of training	Period of Training	Name of the Institution where the Training attended
1.	S .G. Patil Ajit Takkekar	Zoo Keeper Training	7 Days	Rajiv Gandhi Park, Katraj, Pune.
2.	S .G. Patil Ajit Takkekar	Management of Reptile & Captivity	14 Days	Rajiv Gandhi Park, Katraj, Pune.
3.	S .G. Patil Sandeep Takkekar	Zoo Enrichment	2 Days	Rajiv Gandhi Park, Katraj,

	Ajit Takkekar	Training		Pune.
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### 10. Zoo Advisory Committee:–

a. Date of constitution - 6/6/1966

b. Members - 'Shetakari Shikshan Mandal' Committee Member

S.No.	Name Of Person	Position
1	Mr . K.H. Patil	President
2	Mr . T.S. Waghmare	Vice-President
3	Mr . G.B. Patil	Secretary
4	Mr . V.J. Patil	Treasurer
5	Mr . N.B. Mane	Committee Member
6	Mr . M.J. Mungurdekar	Committee Member
7	Mr . T.S. Sutar	Committee Member
8	Mr . M.M. Kutre	Committee Member
9	Mr . T.V. Takkekar	Committee Member
10	Mr . R.V. Patil	Committee Member
11	Mrs . S.B. Takkekar	Committee Member

c. Dates on which meeting held during the year – 4 Meeting

### 11. Health Advisory committee –

a. Date of constitution - 6/6/1966

b. Members

Sr.No.	Name Of Person
1	Dr .S.G. Nilanjanavar
2	Dr . A.G. Patil
3	Mr . V.R. Patil
4	Mr . S.J. Gawade
5	Mr . R.V. Patil

c. Dates on which meeting held during the year – 4 Meeting

### 12. Statement of income and expenditure of the zoo

Income – 92000

Expenditure - 240000



### 13. Daily feed Schedule of animals

Sr.No	Snake Species	Feed item	Quantity		Day of fasting
			Winter	Summer	
1	Cobra	Mouse, Frog, Chicken	60	100	Per 15 Days
2	Russels Viper	Mouse, Frog, Chicken	50	90	Per 15 Days
3	Krait	Insect	25	25	Per 7days
4	Rat Snake	Mouse, Frog	50	100	Per 10 Days
5	Trinket	Baby mise	48	60	Per 10 Days
6	Saw Scaled Viper	Insect	50	70	Per 6 Days
7	Schinederrs smooth Water snake	Frog	400	450	Per 10 Days
8	Common Green whip Snake	Insect	45	50	Per 7Days
9	Green or Bamboo pit viper	Insect	80	120	Per 7 Days

### 14. Vaccination Schedule of animals -

Sr.No	Species	Disease vaccinated For	Name of the Vaccine and dosage/quantity used	periodicity	Remarks
-	-	-	-	-	-

### 15. Dee-worming Schedule of animals

Sr.No	Species	Drug Used	Month
1	Cobra	Albomar /Fendendazole	Per 3 Months
2	Russels Viper	Albomar /Fendendazole	Per 3 Months
3	Krait	Albomar /Fendendazole	Per 3 Months
4	Rat Snake	Albomar /Fendendazole	Per 3 Months
5	Trinket	Albomar /Fendendazole	Per 3 Months
6	Saw Scaled Viper	Albomar /Fendendazole	Per 3 Months
7	Schinederrs smooth Water snake	Albomar /Fendendazole	Per 3 Months
8	Common Green whip Snake	Albomar /Fendendazole	Per 3 Months
9	Green or Bamboo pit viper	Albomar /Fendendazole	Per 3 Months

## 16. Disinfection Schedule

Sr.No	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
1	Cobra	Deep Pits	Cleaning potassium Permanganate / phenol/acid	1 g.m/lit 0.1 N
2	Russels Viper	Deep Pits	Cleaning potassium Permanganate / phenol/acid	1 g.m/lit 0.1 N
3	Krait	Deep Pits	Cleaning potassium Permanganate / phenol/acid	1 g.m/lit 0.1 N
4	Rat Snake	Deep Pits	Cleaning potassium Permanganate / phenol/acid	1 g.m/lit 0.1 N
5	Trinket	Deep Pits	Cleaning potassium Permanganate / phenol/acid	1 g.m/lit 0.1 N
6	Saw Scaled Viper	Deep Pits	Cleaning potassium Permanganate / phenol/acid	1 g.m/lit 0.1 N
7	Schinederr's smooth Water snake	Deep Pits	Cleaning potassium Permanganate / phenol/acid	1 g.m/lit 0.1 N
8	Common Green whip Snake	Deep Pits	Cleaning potassium Permanganate / phenol/acid	1 g.m/lit 0.1 N
9	Green or Bamboo pit viper	Deep Pits	Cleaning potassium Permanganate / phenol/acid	1 g.m/lit 0.1 N

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

Slo .No	Name	Designation	Date of Health Check up	Findings of Health Check up
1	Sutar T.S	No	Per 6 Months	No
2	Patil S.G	No	Per 6 Months	No
3	Takkekar S.B	No	Per 6 Months	No
4	Patil G.T	No	Per 6 Months	No
5	AjitTakkekar	No	Per 6 Months	No

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

1. Proper drainage system had been carried out.
2. Snake Pits repairing works had been carried out.

## 19. Education and Awareness programmes during the year.

1. Professional training had been carried out for centre of Forest department group , Wild Animal doctors, Students, Farmer, Police, Officers of commando.

2. Awareness programme is being conducted every year during "Nagpanchami" Festival.

## 20. important Events and happenings

1. 3 Russels Vipers gave birth to 96 snakelets in 1st week of July 2018.

## 21. Seasonal special arrangements for upkeep of animals

1. Heating arrangement during winter for snakes.
2. Natural cooling system is being provided during summer inside the Pits. snakes.

## 22. Research Work carried out and publication

1. Research regarding Natural way of leaving of snakes & Food.
2. Publication of book regarding Information about snakes.

### 23. Conservation Breeding programme of the Zoo

1. Our zoo main object & motto is conserve the rare species of snakes.
2. Every year we conducted awareness programme in society, Forest department, Police, Commando, company workers, Medical students, doctors, school students & parents.
3. Our zoo Committee member in charge always helped trapped snakes from human leaving area & release them in forest.

### 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
	-	-	-	-	-

## 25 . Rescue and Rehabilitation of wild animals carried out by the Zoo

Sr.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
1.	16-03-2018	Species : Cobra Sex: Female	At home, Karve, Tal. Chandgad	20-04-2018	-	It was kept due to poor health of Cobra. Now health improves.
2.	15-02-2018	Species : Water Snake Sex: U	At Dholgarwadi Grampanchayat Pond, Tal- Chandgad	20-04-2018	-	It was kept due to injury by JCB while excavating the pond.

## 26. Annual Inventory of animals

From –II

[ see Rule 11(1)]

Part –A

Inventory Report for the Year :2017-18

### Endangered Species

Sl.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	
1	Cobra	NajaNaja	4	2	1	7	-	-	-		1									4	3	1	8
2	Krait	Bungarus Caeruleus	1	0	0	1	-	-	-											1	0	0	1
3	Saw Scaled Viper	EchisCarinatus	1	1	1	3	-	-	-					1						1	1	0	2
4	Green or Bamboo pit viper	TrimeresurusGeami neus	1	0	1	2	-	-	-											1	0	1	2
TOTAL			7	3	2	13				0	1	0	0	0	1	0	0	0	0	7	4	2	13

Part –B

### Other then Endangered Species

Sl.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	
1	Russels Viper	VipereRusselli	3	2	3	8	-	-	-								1			3	2	2	7
2	Rat Snake	PtyasMucosus	4	4	0	8	-	-	-			1	1							3	3	0	6
3	Trinket	Elaphe Helena	2	1	1	4	-	-	-						1					1	1	1	3
4	Schinederr smooth Water snake	Enhydriis	10	10	1	21	-	-	-		1									10	10	2	22
5	Common Green whip Snake	Ahaetulla Nasutus	3	2	0	5	-	-	-						1					2	2	0	4
TOTAL			22	19	5	46				0	0	1	1	1	0	2	0	1	0	19	18	5	42

## 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	Russels viper	Viper Russellii	Unknown	2/08/2017	Might be due to digestive disorder
2	Trinket	Elaphe Helena	Male	19/09/2017	Might be due to digestive disturbances
3	Common Green whip Snake	Ahaetulla Nasutus	Male	23/12/2017	Might be due to digestive disturbances

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

Sr.no	Norm No. Under RZR 2009	Condition Stipulated	Time Period to Comply	Since when pending	Status with regard to compliance of the conditions
1	-	yes	5 Years	3 Years	5 Acre Land acquisition is under process under guidance of collector ( Dist. Kolhapur) as per Central Zoo authority Rules.



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

a. Mammals

b. Birds

c. Reptiles

Sl. No.	Snake Species
1	Cobra
2	Russels Viper
3	Krait
4	Rat Snake
5	Trinket
6	Saw Scaled Viper
7	Schinederrs smooth Water snake
8	Common Green whip Snake
9	Green or Bamboo pit viper