

MVR SNAKE PARK & ZOO, PARASSINIKKADAVU

ANNUAL REPORT
2020-2021

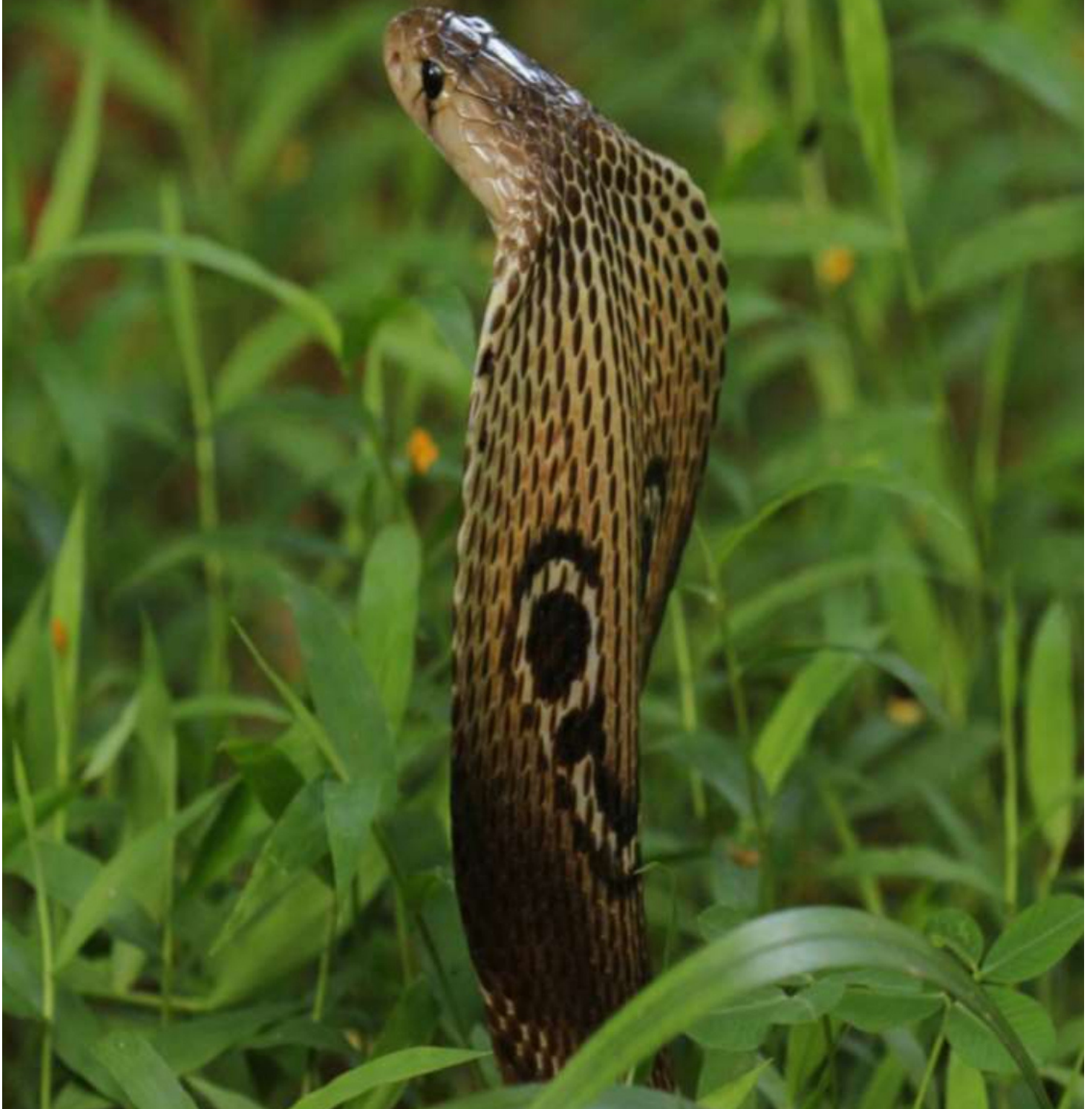



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REPORT OF THE OFFICER-IN-CHARGE

Parassinikadavu Snake Park and Zoo has successfully completed a year of unique developments in all sectors since its inception 1982. The administration and work of the center has been streamlined with whole hearted support of the Kerala Forest Department and Central Zoo Authority. Timely intervention and advice from the above authorities has accorded much confidence in rebuilding the entire system complying the Master plan layout approved by the Central Zoo authority.

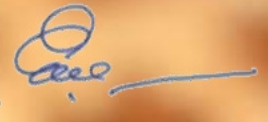
Parassinikadavu Snake Park and Mini Zoo is now upgraded to Small category Zoo by CZA considering the overall development, species diversity and wildlife management. Thousands of visitors are reaching over this tourist center from far and near. The Kannur International Airport and Azhikode Seaport facilitated more acclaim and reachability.

Considering the unique experience and expertise, that our sister concern, Pappiniseri Visha Chikilsa Society, Kannur acquired in Herpetology and Snake Bite Treatment, the zoo is planning to prioritize research and developments in the area of Herpetology / Toxicology.

This year we faced a new challenge to our life as well as to our livelihood- COVID 19 Pandemic. A new disease which we were not aware of. Our livelihood, health, habits all were affected due to this pandemic. Masks, Sanitizers all became part of our day to day life. Snake park was critically affected during this period. The park remained closed from the beginning of the financial year to till December 2020. We lost huge number of visitors in this period.

The Snake Park has been upholding the motto “Love Snakes, not to kill them” envisaged by the Founder of this Center, Shri. M.V. Raghavan. The goal of the zoo is to convert it into a renowned Reptile Park housing reptile of the region and rare exoticspecies.

We are sure that we could achieve the goals by the wholehearted support of dedicated employees, tourists, public and support from higher authorities like Forest department Government of Kerala and Central Zoo authority Ministry of Environment, Forest and Climate Change (Government of India).



Prof. E. Kunhiraman
Director





M.V. Raghavan (1933 – 2014)

The Parassinikkadavu Snake Park was established by Social activists lead by Hon. Ex-minister of state, **M.V. Raghavan** on January 8th, 1982. The snake park is an offshoot of Pappinisseri 'Visha Chikitsa Kendra' intended for Snake bite treatments which was established in the year 1964.

History of the Zoo

The Parassinikkadavu Snake Park was established by Social activists lead by Hon. Ex-minister of state, M.V. Raghavan on January 8th, 1982 at the site purchased from Kerala Government. This snake park is an offshoot of Pappinisseri 'Visha Chikitsa Kendra' intended for Snake bite treatments.

The Pappinisseri snake bite treatment centre was established in the year 1964. This is a centre for curing patients of snake bite using the combination of Ayurvedic, Allopathic and Traditional practices. It was quite common that people bringing the victims of snake bites used to carry the snakes also, as alive, killed or hurt in many cases. Such snakes played a vital role in treatment since the treatment for snake bite differed for Vipers, Cobras, and Kraits. It was easy for the physicians to provide immediate treatment once the snake is identified and the symptoms are tallying with the particular species of snake. The abundance in number of such captive snakes was a practical problem for the founders of the snake bite treatment centre. They got inspiration from Sri. Romulus Whitaker, the famous conservationist and Herpetologist who was instrumental for the establishment of Snake Park and Crocodile Park in Chennai. Providing a practical opportunity to create awareness about the ecological significance of Snakes was the biggest motivation for Social activists of this region for establishing this Park. More than 40 lakh people visited this Park during the last decade.

This park has turned out to be significant education centre for students and general public for last 34 years. This has found a major place in the tourist map of Kerala also. The nearest Zoos in this region are located in Mangalore and Trichur. Almost seventy lakh people of the Malabar Region are to be satisfied with this zoo to see a few wild animal species , apart from Protected Areas.

VISION

- Transform the Snake Park to a comprehensive Reptile Park.
- Conservation of Snake species and developing a breeding policy for snakes in captivity.

MISSION

- To mitigate the fear and hatred towards the snakes and other wild animals and to instigate love and compassion towards such animals.
- To provide a congenial environment for rescue and conservation of wild animals and to create a forum for holistic approach in the field of nature conservation.
- To develop Herpetology Institute and Wildlife Institute for awareness programme championing the need of wildlife protection and to create a knowledge centre for conservation efforts.

OBJECTIVE

- Public education and creating awareness about wildlife conservation.
- Captive breeding of endangered reptiles for conservation.
- Research and Developments

ABOUT US

Basic Information about the Zoo

Name of the Zoo : Parassinikkadavu Snake Park and Zoo

Year of Establishment : 1982

Address of the Zoo : Parassinikkadavu Snake Park
Parassinikkadavu – Mayyil road,
Dharmasala, Kannur – 670563

State : Kerala

Telephone Number : Mobile: 9744611024,
9400399000

Phone: 0497-2780738

E-mail address : mail@thesnakepark.com

Website : www.thesnakepark.com

Distance from nearest : Kannur Airport: 31 km
Kannur Railway Station: 16.7 km
Kannur Bus Stand: 17.1 km

Recognition Valid upto : September 2019

Category of zoo : Small Zoo

Area (in Hectares) : 0.993698 (2.455 Acres)

Number of Visitors (Financial Year) : Adult:90606
Children: 17319
Total visitors: 107925

Visitors' Facilities Available in Zoo :

- Wheel chair for Physically challenged
- Children's Park
- Lavatory Complex
- Drinking water facility
- Kiosks (6)

Weekly Closure Day of the Zoo : Tuesday

Management Personnel of the zoo

Chief Executive Officer : Mr. Avinash Girija

Veterinary Officer : Dr. VimalRaj P G

Curator : Mr.Nandan Vijayakumar

Chief Supervisor : Mr. Sudhakaran T. V

H.R. Manager : Mrs. Bindhu M. K.

Biologist: Unnikrishnan P K

Owner / Operator of the Zoo

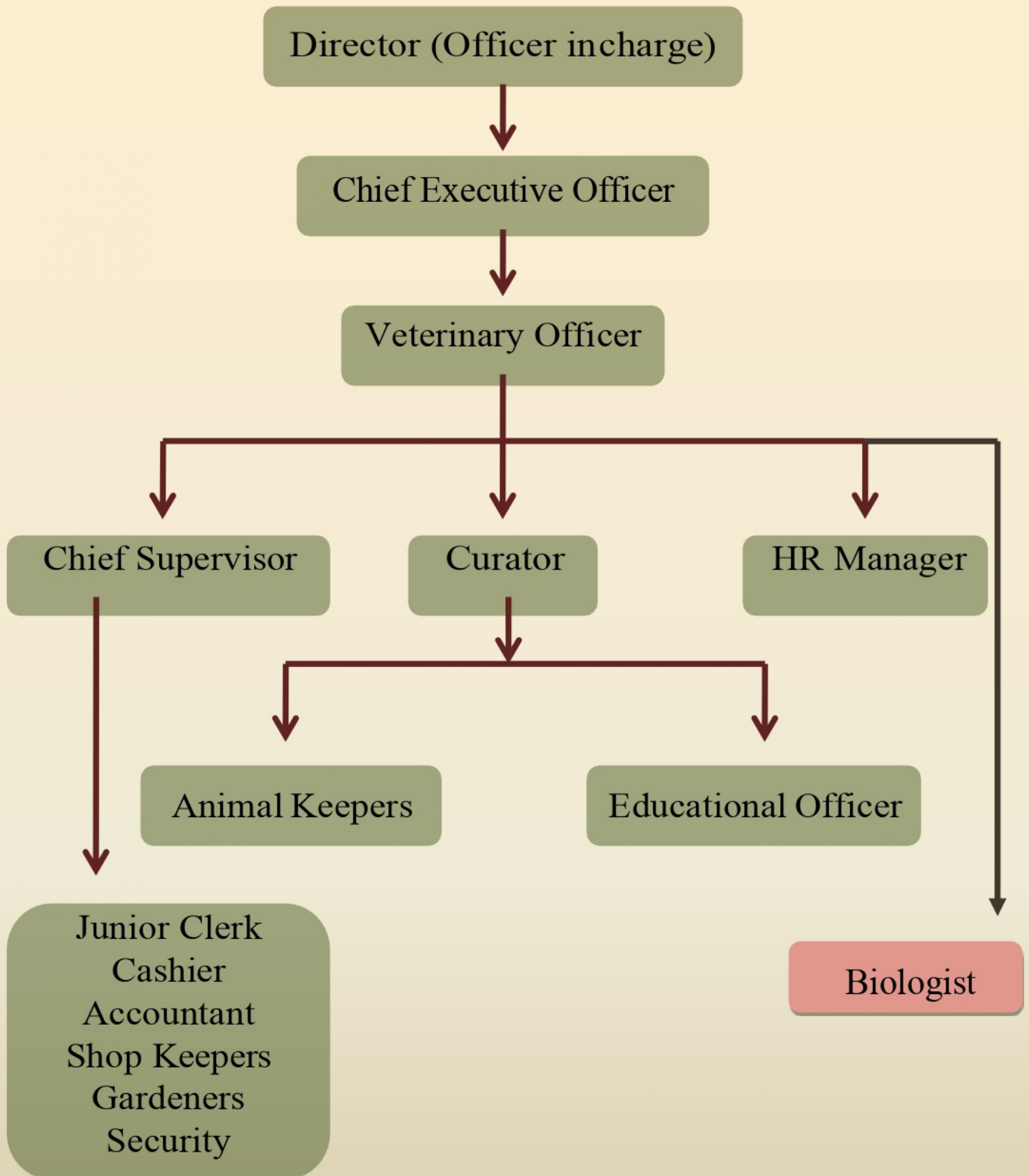
Name of the Operator : Prof. E. Kunhiraman , Director

Address of the Operator : Parassinikkadavu Snake Park
Parassinikkadavu– Mayyil road,
Dharmasala, Kannur – 670563

Contact details/Phone number of Operator: Mob: +91 9447770098

E-mail address of Operator : mail@thesnakepark.com

ORGANIZATIONAL CHART



HUMAN RESOURCES

Designation	Number of Sanctioned Posts	Names of the incumbent
Director	1	Prof. E. Kunhiraman
Chief Executive Officer	1	Mr. Avinash Girija
Veterinary Officer	1	Dr. VimalRaj P G
Chief Supervisor	1	Mr Sudhakaran T.V.
Curator	1	Mr. Nandan vijaykumar
Biologist	1	Mr. Unnikrishnan P.V
H.R. Manager	1	Mrs. Bindu M.K.
Educational Officer	1	Mr. Riyaz V.K
Head Keeper	1	Mr. Sajeevan O.
Zoo Keepers	4	Mr. Santhosh P.V. Mr. Jayesh A.J. Mr. Sajeeesh Mr. Prakashan P.V
Junior Clerk	1	Mrs. Aswathy K.
Cashier	1	Mrs. Pradeepa K.V.
Shop Keepers	5	Mrs. Preetha E. Mrs. Sheeba P.V. Mrs. Preetha P Mrs. Shruthi Mrs. Sindhu
Gardeners	6	Mrs. Bindhu T. Mrs. Sreeja V. Mrs. Beena M.P. Mrs. Thanka P. Mrs. Leela K. Mrs. Usha
Security	2	Mr. Bhavadasan E. Mr. Rajan C.

CAPACITY BUILDING OF ZOO PERSONNEL

Name and designation of the zoo personnel	Subject matter of Training	Period of Training	Name of the Place where the Training attended	Organizer of the programme
Nil	Nil	Nil	Nil	Nil



ZOO ADVISORY COMMITTEE

Date of constitution: 1st January 2020

Members

1. Mr. James Mathew (MLA)
 2. Mrs. P.K. Shyamala Teacher (Municipal Chairperson)
 3. Dr. Ahmed Ziya Mehtah (Veterinary Surgeon)
 4. Prof. E. Kunhiraman (Director, Parassinikadavu Snake and Zoo)
 5. Mr. Avinash girija (CEO, Parassinikadavu Snake and Zoo)
 6. Veterinary Officer, Parassinikadavu Snake and Zoo
 7. Mr. Nandan Vijaykumar. (Curator, Parassinikadavu Snake and Zoo)
 8. Mr. Muraleedharan A.K. (Principal, MVR Ayurveda Medical College, Parassinikkadavu)
- } Ex Officio

ZOO HEALTH ADVISORY COMMITTEE

Date of constitution: 1st January, 2020

Members:

1. Mrs. P.K. Shyamala Teacher (Municipal Chairperson)
 2. Dr. Ahmed Ziya Mehtah (Veterinary Surgeon)
 3. Prof. E. Kunhiraman (Director, Parassinikadavu Snake and Zoo)
 4. Mr. Avinash Girija (CEO, Parassinikadavu Snake and Zoo)
 5. Veterinary Officer, Parassinikadavu Snake and Zoo
 6. Dr. Mukundan K.V. (M.D, Co-operative Hospital, Taliparamba)
 7. Mr. Muraleedharan A.K. (Principal, MVR Ayurveda Medical College, Parassinikkadavu)
 8. Dr. Smitha (Medical Superintendent, MVR Ayurveda Medical College, Parassinikkadavu)
 9. Dr. Vineeth George (Assistant Professor, MVR Ayurveda College, Parassinikkadavu)
- } Ex Officio

STATEMENT OF INCOME AND EXPENDITURE OF THE ZOO (2020 – 2021)

Total Income (`) : 53,57,427 /-

Total Expenditure (`) : 66,53,403 /-

Net Loss (`) : 12,95,976 /-

DAILY FEED SCHEDULE OF ANIMALS

Sl.No	Species	Feed item	Quantity (grams / individual)	Frequency	
1	Jungle Cat	Chicken Meat	300	Daily	
2	Asian Palm Civet	Chicken Meat	300	Daily	
		Banana	2 number		
3	Indian Crested Porcupine	Cucumber	200	Daily	
		Banana	200		
		Carrot	150		
		Cabbage	150		
		Tomato	150		
		Tapioca	150		
		Beef bones	100		
4	Bonnet Macaque*	Banana	150	Daily	
		Boiled rice	75		
		Tomato	175		
		Mixture (For alel)	Egg		6 Number
			Bread		1 Pack
			Milk		1.5 Liters
5	Indian Peafowl*	Plantain	150	Daily	
		Cabbage	100		
		Cucumber	600		
		Rice	1000		
		Gram	250		
		Spinach	50		
6	Emu*	Plantain	150	Daily	
		Cabbage	100		
		Cucumber	600		
		Spinach	150		
		Onion	50		
		Boiled rice	500		
7	Silver Pheasant*	Plantain	50	Daily	
		Cabbage	20		
		Cucumber	100		
		Rice	100		
		Gram	50		
		Spinach	20		

DAILY FEED SCHEDULE OF ANIMALS

Sl.No	Species	Feed item	Quantity (grams / individual)	Frequency
8	Rose Ringed Parakeet*	Banana	50	Daily
		Tomato	50	
9	Love Birds*	Foxtail millet	50	Daily
10	White Necked Stork	Chicken meat / Fish	200	Daily
11	Barn Owl	Chicken meat / Fish	200	Daily
12	Brown Fish Owl	Chicken meat / Fish	200	Daily
13	Black Kite	Chicken meat / Fish	200	Daily
14	Brahminy Kite	Chicken meat / Fish	200	Daily
15	Marsh Crocodile	Chicken meat / Fish	400	Daily
16	Bengal Monitor	Chicken meat	250	Daily
17	Indian Black Turtle	Chicken meat	25	Daily
18	Red Eared Slider	Chicken meat	25	Daily
19	Travancore Tortoise	Cucumber	200	Daily
20	Snakes	Pinkies, Mice, Rat, Day-old-chicks, Chicken, Geckos, Frogs	As per requirement	Weekly once

* Provided with seasonal fruits

VACCINATION SCHEDULE OF ANIMALS

Sl No	Species	Disease vaccinated for	Name of the Vaccine and dosage/ quantity used	Periodicity	Remarks
1	Jungle Cat	Rabies	Raksharab	Annualy	Healthy and Vaccinated
2	Silver Pheasant	New castle	New castle disease Vaccine	Annualy	Healthy and Vaccinated

DE-WORMING SCHEDULE OF ANIMALS

Sl.No	Species	Drug used	Month
1	Primates	Albendazole	December
		Fenbendazole	June
2	Felidae (Jungle cats)	Albendazole	October
		Fenbendazole	April
3	All birds	Albendazole	September
		Fenbendazole	March
4	All reptiles	Albendazole	October
		Fenbendazole	April

DISINFECTION SCHEDULE

Sl.No	Species and Type of enclosure	Disinfectant used and method	Frequency of disinfection
1		Kohrsolin According to the product information	Fortnightly
2	Applicable to all enclosures	Potassium permanganate Foot dips are installed in some enclosures and construction work is in progress for remaining enclosures	Daily
3		Sokrena Dose @1ml / 50litre	Monthly
4		Fumigation Potassium Permanganate & Formaldehyde	Monthly

NIL

EDUCATION AND AWARENESS PROGRAMMES

Online Painting Competition – April 5, 2020



Parassinikkadavu Snake Park & Zoo, organized an online painting competition during the first covid 19 lockdown tenure on April 5th 2020.

Learn more about zoo animals – May 10-15, 2020



Parassinikkadavu Snake Park & Zoo organized a series of Facebook live session to learn about the snakes and animals during 10-15 May, 2020. Sessions were handled by the education officer, Riyas Mangad, Curator, Nandan vijayakumar, Veterinary Officer Dr. Kalyani Nambiar and Supervisor, T V Sudhakaran.

World Environment Day Celebrations – June 5, 2020



The ‘**World Environment Day**’ was celebrated at Parassinikkadavu Snake Park by organizing a painting competition on the theme “Environment message through drawings” on June 5th 2020. The program was conducted online due to the Covid pandemic lockdown process. Saplings were distributed among the staffs and a tree challenge was conducted under the hashtag #treechallenge to promote tree planting among students and public.



On World Environment Day, tree saplings were planted in the snake park premises. Film actor Shri. Santhosh Keezhattoor inaugurated the celebrations by planting a “Lakshmitharu” tree sapling in the snake park premises. Director, Prof. E. Kunhiraman delivered the environment day message to the staffs.

WEBINAR series on Snake Day Celebration 2021, From July 20-24



MVR Snake Park & Zoo organized a 5-day WEBINAR series involving experts in the field of wildlife conservation from 20-25 July, 2021s. Inaugural session was conducted by Scientist, Zoological Survey of India, Dr. Jaffer Palot on “Reptiles of Kerala”. Renowned herpetologist and scientist, Dr. Varad Giri, handled the second session on “Why, how and who can do snake taxonomy”. Shri. Jose Louise, Coordinator, Wildlife Trust of India handled the third session on snake bite mitigation and human-snake conflict. Mr. Vivek Philip Cyriac, Researcher, IISER, Trivandrum handled the fourth session on the “Evolving under our feet, digging into the underground life of Shield tail snakes”. 5th session was handled by Ms. Nikita Khamparia, Naturalist on “reduce, reuse, recycle- a wildlife perspective”.

EDUCATION AND AWARENESS PROGRAMMES

Global Tiger Day July 29, 2020

WEBINAR ON GLOBAL TIGER DAY
“TIGERS - TALE OF STRIPES”
Date July 29, 2020 Time 7:00 pm

David Raju, Naturalist

Welcome speech
Avinash Girija, CEO

Inauguration
Prof. E. Kunhiraman, Director



  Parassinikkadavu


MVR SNAKE PARK & ZOO PARASSINIKKADAVU
www.parassinikkadavu.com

MVR Snake Park & Zoo celebrated the global tiger day on July 29, 2021 by conducting a webinar on “Tiger- A Tale of Stripes” by Mr. David Raju, a renowned naturalist. Prof. E. Kunhiraman, Director of Parassinikkadavu snake park & Zoo inaugurated the function. CEO, Avinash Girija, delivered the welcome speech.

World Lion Day- August 10, 2020



Parassinikadavu snake park celebrated World Lion Day on 10th August 2020. Essay writing was conducted for students two category. Category 1; school level, topic; "role of lion in the forest". Category 2- college level, topic: Role of zoo in lion conservation. Honey renjan won the first prize in school level and Simran kaur won first prize in college level.

World Elephant Day – August 12- 2020



Parassinikadavu snake park celebrated World Elephant Day on 12th August 2020. Essay writing was conducted for students on the topic: Elephant conservation in India. Arsha C.P won the first prize in the essay competition.

Wildlife Week Celebrations 2-8 October,2020



Parassinikkadavu Snake Park & Zoo celebrated the wildlife week from October 2 to 8, 2020 with series of programs. Speech contest was organized for students of class 5-7 on the topic, “importance of wildlife conservation”. Clay model contest was conducted for students of age class 5 to 15 under two categories. Mobile photography contest was also conducted to invite attention of wildlife around us.

Launch of Snake Lens application on October 2, 2020



Parassinikkadavu Snake Park and Zoo launched a snake identification application using Artificial Intelligence platform on October 2nd 2020. The application was developed by Lares AI with the technical support from COSTECH and Parassinikkadavu Snake Park. Launching of the application was jointly done by Hon. Forest minister Shri. Adv. K Raju and Hon. Tourism Minister Shri. Kadakampally Surendran.

IMPORTANT EVENTS AND HAPPENINGS

International Zoo Keeper Day- October 4, 2020



MVR Snake Park & Zoo celebrated International Zoo Keeper Day on October 4th, 2020. “A day with our zoo keeper- Hear from Our heroes” program to understand the responsibilities of zoo keepers.

IMPORTANT EVENTS AND HAPPENINGS



MVR Snake Park & Zoo, Parassinikkadavu, launched an online art gallery named “Vanyam 2020” on November 2nd 2020 on google meet. Vice chairman of Kerala lalithakala academy, Shri. Eby N Joseph inaugurated the function. Shri Varghese kalathil, Secretary, Purogamana kala sahithya sangham was guest of honour to the program. More than 100 art works of 40 artists were included in the art gallery.

ISL Prediction Contest- 2020



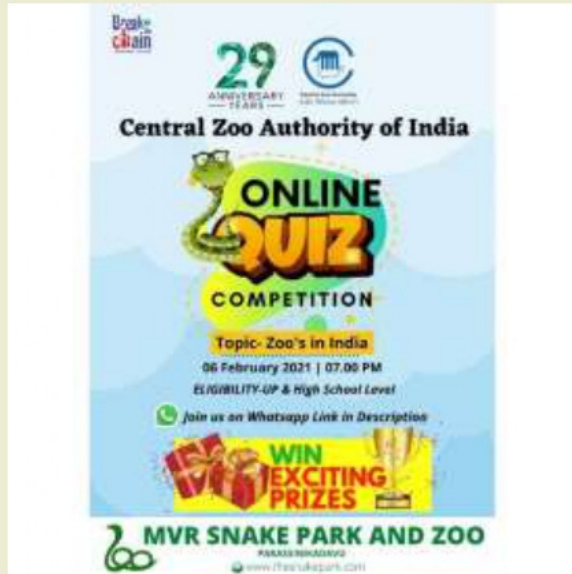
IMPORTANT EVENTS AND HAPPENINGS

Zoo Naturalist- Winter Camp- January 14-15, 2021



MVR Snake Park & Zoo, Parassinikkadavu, organized zoo naturalist, winter camp on January 14th and 15th 2021. The program was conducted to school students to provide awareness on wildlife conservation.

29th anniversary Celebration of Central Zoo Authority of India.



MVR Snake Park & Zoo, Parassinikkadavu, conducted online quiz competition on the topic of “Zoo’s in India” on 6th February 2021. The program was conducted regarding the 29th anniversary of Central Zoo Authority of India.

World Wildlife Day celebration- 3rd March 2021

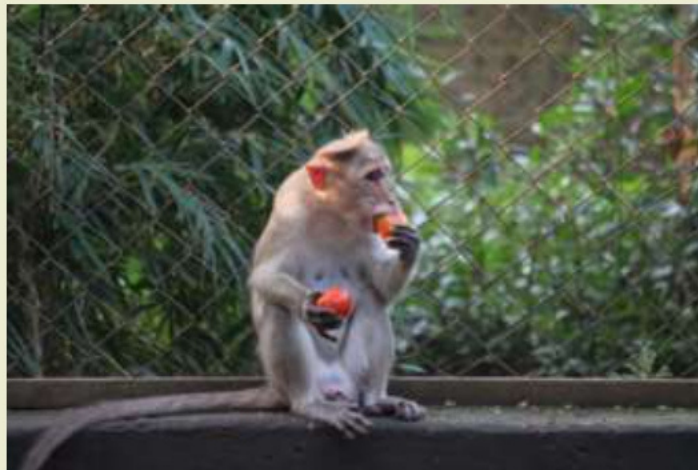


MVR Snake Park and Zoo, Parassinikkadavu celebrated World Wildlife Day, 2021, has conducted pebble painting contest- 2021 under two category, 5-10 years and 11-15 years.

SEASONAL SPECIAL ARRANGEMENTS FOR UPKEEP OF ANIMALS

Summer Management:

- Cooling of animals by sprinkling water at warm hours of the day using sprinklers and showers
- Special diet: Including fruits which are rich in water content like Watermelon were added to the diet of Bonnet Macaque and Birds.
- Provisions like fan and cooler had been provided for various species



Monsoon Management:

- Additional covering is provided to prevent rainwater from entering the enclosures where ever it is necessary.
- Additional drainage is provided for proper draining of rainwater.
- Changes in diet are also made according to the monsoon season.



RESEARCH WORK CARRIED OUT AND PUBLICATIONS

Name of the Researcher	Title of the research	Name of the institution	Year
ABIN LAL	Activity pattern and feeding behaviour among three species of snakes in captivity (MVR Snake Park, Kannur, Kerala)	AVC College, Tamil Nadu	January-March 2021

Our bundle of Joy

The following species were **successfully bred in captivity** in Parassinikadavu Snake Park and Zoo during 2020 - 2021



Indian Pond Terrapin



Rat Snake



Bonnet Macaque



Russell's viper

PARASSINIKKADAVU SNAKEPARK & ZOO

Annual Inventory of Animals

2020-2021

(1st April, 2020 to 31st March, 2021)



(A unit of Pappinisseri Vishachikilsa Society No. S. 47 / 73)

Parassinikkadavu, Kannur, Kerala - 670 563

Phone: 0497 2780738; Mob: 9744611024; Fax: 0497 2783631

Email: mail@thesnakepark.com; Web: www.thesnakepark.com



PART - A

Parassinikkadavu Snake Park and Zoo, Kannur, Kerala

Annual Inventory Report for the Year: 2020-2021

Part - IA

Endangered Species*

S.No.	Animal Name	Scientific Name	Opening Stock (01-Apr-2020)			Births			Acquisitions			Disposals			Deaths			Closing Stock (31-Mar-2021)											
			M	F	U	T	M	F	U	M	F	U	M	F	U	M	F	U	M	F	U	T							
Birds																													
1.	Peafowl, Indian	<i>Pavo cristatus</i>	1	1	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2				
2.	Kite, Brahminy	<i>Haliastur Indus</i>	4	1	2	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	2	6		
Total Birds			5	2	3	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	2	2	8			
Reptiles																													
1.	Cobra, King	<i>Ophiophagus hannah</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2		
2.	Cobra, Indian	<i>Naja naja</i>	16	9	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	0	13	7	0	20		
3.	Python, Indian Rock	<i>Python molurus</i>	20	17	4	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	3	0	15	14	4	33		
4.	Viper, Russell's	<i>Daboia russelli</i>	16	13	0	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	6	2	5	9	0	14		
5.	Snake, Rat/Dhaman	<i>Ptyas mucosa</i>	11	9	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	2	0	6	5	2	13		
6.	Keelback, checkered	<i>Fowlea piscator</i>	16	13	7	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	6	6	2	20	28		
7.	Crocodile, Marsh (Mugger)	<i>Crocodylus palustris</i>	18	10	0	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	10	0	28	
8.	Lizard, Monitor Common Indian	<i>Varanus bengalensis</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	
Total Reptiles			99	73	11	183	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	25	14	8	65	49	26	140

PART B

Other than Endangered

S.No	Animal Name	Scientific Name	Opening Stock (01-Apr-2020)				Births				Acquisitions				Disposals				Deaths				Closing Stock (31-Mar-2021)						
			M	F	U	T	M	F	U	T	M	F	U	T	M	F	U	T	M	F	U	T	M	F	U	T			
Birds																													
1.	Owl, Barn	<i>Tyto alba</i>	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
2.	Owl, Brown Fish	<i>Ketupa zeylonensis</i>	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
3.	Kite, Pariah/ Kite, Black	<i>Milvus migrans</i>	1	1	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	4
4.	Stork, White Necked	<i>Ciconia episcopus</i>	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
5.	Parakeet Rose Ringed	<i>Psittacula krameri</i>	10	7	0	17	0	0	0	0	0	0	0	0	0	7	4	0	3	3	0	0	0	0	0	0	0	0	
6.	Love Birds	<i>Agapornis</i>	6	7	0	13	0	0	0	0	0	0	0	0	4	4	0	1	1	0	0	0	0	0	0	0	0	0	
7.	Pheasant, Silver	<i>Lophura nycthemera</i>	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
8.	Emu	<i>Dromaius novaehollandiae</i>	2	3	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
Total Birds	8		20	21	2	43	0	0	0	1	0	0	11	8	0	4	4	0	4	0	5	7	2	14					

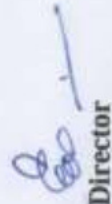


S.No	Animal Name	Scientific Name	Opening Stock (01-Apr-2020)				Births				Acquisitions				Disposals				Deaths				Closing Stock (31-Mar-2021)							
			M	F	U	T	M	F	U	T	M	F	U	T	M	F	U	T	M	F	U	T	M	F	U	T				
Reptiles																														
1.	Krait, Common Indian	<i>Bungarus caeruleus</i>	2	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	3
2.	Sand Boa, Red	<i>Eryx johnii</i>	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
3.	Sand Boa, Common	<i>Eryx conicus</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
4.	Snake, Green Vine	<i>Ahaetulla nasuta</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
5.	Snake, Trinket Common	<i>Coelognathus helena</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
6.	Snake, wolf Common	<i>Lycodon aulicus</i>	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
7.	Viper, Pit Hump Nosed	<i>Hypnale hypnale</i>	0	2	0	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	3
8.	Tortoise Travancore	<i>Indotestudo travancorica</i>	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
9.	Pond Terrapin Indian	<i>Melanocheilus trijuga</i>	15	9	0	24	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	3	0	0	15	9	0	24
10.	Red eared slider	<i>Trachemys scripta elegans</i>	2	7	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	7	0	9
11.	Green iguana	<i>Iguana iguana</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Total Reptiles			24	24	0	48	4	3	0	0	1	0	0	0	0	0	0	0	0	0	0	0	5	3	0	0	24	24	1	49



Mammals																						
1.	Porcupine, Crested Indian	<i>Hystrix indica</i>	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
Total Mammals	1		1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
Total Animals other than endangered	20		45	46	2	93	4	3	0	2	0	0	11	8	0	9	7	0	30	32	3	65

Total Animals housed in Parassinikkadavu Snake Park & Zoo excluding aquarium species	33		165	128	16	309	4	4	9	2	0	0	13	10	1	37	21	9	112	92	31	235
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Director



Prof. E. KUNHIRAMAN
DIRECTOR
MVR SNAKE PARK & ZOO
Parassinikkadavu, Kannur - 670 563
Kerala, India



Parassikkadavu Snake Park Annual Inventory Report 2021 – 2022

BIRTH REPORT

FIRST QUATERNARY BIRTH REPORT FOR THE YEAR, 2020 - 2021 (1st April, 2020 to 30th June, 2020)

S. No	Animal Name	Scientific Name	Date of birth	Sex
1	Bonnet Macaque	<i>Macaca radiata</i>	04-04-2020	U
2	Russell's Viper	<i>Daboia russelli</i>	15-07-2020	U
3	Russell's Viper	<i>Daboia russelli</i>	15-07-2020	U
4	Russell's Viper	<i>Daboia russelli</i>	15-07-2020	U
5	Russell's Viper	<i>Daboia russelli</i>	15-07-2020	U
6	Russell's Viper	<i>Daboia russelli</i>	15-07-2020	U



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Curator

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Director

2nd QUARTERNARY BIRTH REPORT FOR THE YEAR, 2020 - 2021 (1st July, 2020 to 30st September, 2020)

S. No	Animal Name	Scientific Name	Date of birth	Sex
1	Rat Snake	<i>Ptyas mucosus</i>	13-07-2020	U
2	Rat Snake	<i>Ptyas mucosus</i>	13-07-2020	U
3	Rat Snake	<i>Ptyas mucosus</i>	13-07-2020	U
4	Rat Snake	<i>Ptyas mucosus</i>	13-07-2020	U

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Curator



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Director



3rd QUATERNARY BIRTH REPORT FOR THE YEAR, 2020 - 2021 (01st OCTOBER, 2020 – 31st DECEMBER, 2020)

S. No	Animal Name	Scientific Name	Date of birth	Sex
	NIL	NIL	NIL	

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Curator



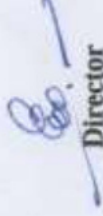
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Director



FOURTH QUATERNARY BIRTH REPORT FOR THE YEAR, 2020 - 2021 (1st January, 2021 to 31st March, 2021)

SI No.	Animal Name	Scientific Name	Date of birth	Sex		
				M	F	T
1.	Pond Terrapin, Indian	<i>Melanochelys trijuga trjuga</i>		4	3	0
				7	0	7


Director

Prof. E. KUNHIRAMAN
DIRECTOR
MVR SNAKE PARK & ZOO
Parassinikkadavu, Kannur - 670 563
Kerala, India





Parassikkadavu Snake Park Annual Inventory Report 2020 – 2021
DEATH REPORT

FIRST QUARTERNARY DEATH REPORT FOR THE YEAR, 2020 - 2021 (1st April, 2020 to 30th June, 2020)

Sl. No	Animal Name	Scientific Name	Sex	Date of death	Reason of Death
1	Russell's Viper	<i>Daboia russellii</i>	M	20.04.2020	Anaemia
2	Rose Ringed Parakeet	<i>Psittacula krameri</i>	M	21.04.2020	Hepatitis
3	Russell's Viper	<i>Daboia russellii</i>	F	11.05.2020	Impaction
4	Checkered Keel Back	<i>Xenochrophis piscator</i>	U	29.04.2020	Pneumonia
5	Indian Rock Python	<i>Python molurus</i>	M	02.05.2020	Liver cirrhosis
6	Rose Ringed Parakeet	<i>Psittacula krameri</i>	M	13.05.2020	Coccidiosis
7	Rose Ringed Parakeet	<i>Psittacula krameri</i>	F	13.05.2020	Coccidiosis
8	Indian Cobra	<i>Naja naja</i>	M	14.05.2020	Anaemia
9	Checkered Keel Back	<i>Xenochrophis piscator</i>	U	23.05.2020	Esophageal obstruction
10	Indian Rock Python	<i>Python molurus</i>	M	22.05.2020	Liver cirrhosis
11	Indian Rock Python	<i>Python molurus</i>	F	08.06.2020	Impaction

12	Rose Ringed Parakeet	<i>Psittacula krameri</i>	F	07.06.2020	Climatic shock
13	Bonnet Macaque	<i>Macaca radiata</i>	M	17.04.2020	Pneumonia
14	Bonnet Macaque	<i>Macaca radiata</i>	M	22.05.2020	Pneumonia
15	Checkeded KeelBack	<i>Xenochrophis piscator</i>	F	04.06.2020	Pneumonia

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Director



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Veterinary Officer

2nd QUARTERNARY DEATH REPORT FOR THE YEAR, 2020 - 2021 (1st July, 2020 to 30th September, 2020)

SL No	Animal Name	Scientific Name	Sex	Date of death	Reason of Death
1	Indian Peafowl	<i>Pavo cristatus</i>	U	02.08.2020	Impaction
2	Rose Ringed Parakeet	<i>Psittacula krameri</i>	F	22.07.2020	Hepatitis
3	Russell's Viper	<i>Daboia russelii</i>	F	17.07.2020	Impaction
4	Checkered Keel Back	<i>Xenochrophis piscator</i>	U	29.07.2020	Pneumonia
5	Indian Rock Python	<i>Python molurus</i>	M	12.07.2020	Liver cirrhosis
6	Rose Ringed Parakeet	<i>Psittacula krameri</i>	M	19.08.2020	Coccidiosis
7	Russell's Viper	<i>Daboia russelii</i>	M	15.08.2020	Impaction
8	Indian Cobra	<i>Naja naja</i>	M	14.09.2020	Anaemia
9	Checkered Keel Back	<i>Xenochrophis piscator</i>	U	23.09.2020	Esophageal obstruction
10	Indian Rock Python	<i>Python molurus</i>	M	17.09.2020	Liver cirrhosis
11	Indian Rock Python	<i>Python molurus</i>	F	08.09.2020	Impaction

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Veterinary Officer



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Director



3rd QUATERNARY DEATH REPORT FOR THE YEAR, 2020 - 2021 (01st OCTOBER, 2020 - 31st DECEMBER, 2020)

Sl. No	Animal Name	Scientific Name	Sex	Date of death	Reason of Death
1	Indian pond terrapin	<i>Melanocheilus trijuga trijuga</i>	M	17.10.2020	Enteritis
2	Indian pond terrapin	<i>Melanocheilus trijuga trijuga</i>	M	04.11.2020	Enteritis
3	Love Birds	<i>Agapornis</i>	F	12.11.2020	Impaction
4	Love Birds	<i>Agapornis</i>	M	12.11.2020	Pneumonia
5	Spectacled cobra	<i>Naja naja</i>	M	04.11.2020	Anorectic
6	Indian Rock Python	<i>Python molurus</i>	M	17.11.2020	Anemic shock
7	Indian Rock Python	<i>Python molurus</i>	F	12.12.2020	Enteritis
8	Russell's Viper	<i>Vipera russelli</i>	U	20.10.2020	Parasitic load
9	Russell's Viper	<i>Vipera russelli</i>	U	21.10.2020	Anorectic
10	Checkered keelback	<i>Fowlea piscator</i>	U	14.11.2020	Enteritis
11	Checkered keelback	<i>Fowlea piscator</i>	U	03.12.2020	Anorectic
12	Brahminy Kite	<i>Haliastur indus</i>	M	17.12.2020	Impaction



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Director

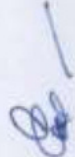


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Veterinary Officer

4th QUATERNARY DEATH REPORT FOR THE YEAR, 2020 - 2021 (01st JANUARY, 2021 - 31st MARCH, 2021)

SI No.	Animal Name	Scientific Name	Sex			
			M	F	U	T
1.	Cobra, Indian	<i>Naja naja</i>	0	2	0	2
2.	PondTerrapin, Indian	<i>Melanocheilus trijuga trijuga</i>	2	3	0	5
3.	Snake, Rat/ Dhaman	<i>Pyas mucosa</i>	4	2	0	6
4.	Krait, Common Indian	<i>Bungarus caeruleus</i>	1	0	0	1
5.	Keelback, checkered	<i>Fowlea piscator</i>	1	0	0	1
6.	Viper, Russell's	<i>Daboia russelli</i>	10	4	0	14


Director



Prof. E. KUNHIRAMAN
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Kerala, India

COMPLIANCE WITH CONDITIONS STIPULATED BY THE CENTRAL ZOO AUTHORITY ASON EVALUATION ON 17TH NOVEMBER, 2017

Sl. No	Norm No.	Particulars	Time Period To Comply	Status
General requirements				
1	10.1 (3)	Failed to regulate the visitor's circulation at few animal enclosures in the zoo with specific reference to enclosure for Bonnet macaques. It should be ensured that visitor's path should not exceed 25% of the periphery of the enclosure. This is to ensure adequate withdrawal area to the animal.	Immediately	Complied We restricted the visitor's circulation at Bonnet Macaque enclosure by using chains. Gardening is done at the chained area to reduce the Visitor's path to prescribed standard. Hedge Plantation is also done so that adequate withdrawal area is available to the animal.
2	10.1(5)	Failed to ensure perimeter wall of prescribed standard. The perimeter wall is damaged and fallen at few places.	Immediately	Complied The damaged perimeter wall was reconstructed.
3	10.1 (7)	Failed in management of solid and liquid wastes generated in the zoo. It is poor. Thus affecting the general hygiene. Plastic and other wastes found strewn on the zoo campus. Compost unit started recently is an appreciable initiative. However, it is completely disproportionate to the quantity of waste generated. Huge dump of waste in such close proximity to animal enclosures is not acceptable.	Immediately	Complied Plastic wastes are collected weekly from the Anthoor municipality under the scheme 'Clean Anthoor Green Anthoor.' Organic waste management: Thumboormuzhi model compost unit is used for the removal of organic wastes. The wastes found strewn on the campus were removed. The incinerator is used for proper disposal of waste generated in the park.
4	10.1(9)	Housed domestic species (Turkey fowl, Geese, Swan, Guinea fowl, Pigeon) in the zoo	Immediately	Complied Removed domestic species housed in the zoo. Landscaping and gardening work had been done at the area where domestic birds were housed and currently the area is transformed into a garden where visitor's can relax.

COMPLIANCE WITH CONDITIONS STIPULATED BY THE CENTRAL ZOO AUTHORITY ASON EVALUATION ON 17TH NOVEMBER, 2017

Sl. No	Norm No.	Particulars	Time Period To Comply	Status
Development and Planning				
5	10.3(1)	Failed to submit masterplan for approval of the CZA	Three months	Complied Submitted Masterplan for the scrutiny of Central Zoo Authority
6	10.3 (3)	Furnished incorrect information in the approved Master (Layout) Plan of the proposed Rescue Centre as a satellite facility of the zoo is with plantation and no construction was observed. However, the Master (Layout) Plan of the Parassinikkadavu Snake Park (Rescue Centre), Kurumattur approved by Central Zoo Authority and signed on 28.05.2014 indicates otherwise. Index No. RQ 17 of the Layout Plan indicates presence of 'Existing Rescue Home'. The Zoo Operator should amend the Master (Layout) Plan of the proposed Rescue Centre following the Guidelines in the matter, indicating factual status. It should be forwarded through the Chief Wildlife Warden of the state to the Central Zoo Authority for approval.	Three months	To comply Amended the the Master (Layout) Plan of the proposed Rescue Centre and submitted for the scrutiny of CZA
7	10.3 (6)	Failed to prepare Animal Collection Plan based on the Concept Plan provided by the Central Zoo Authority in the Facilitation Workshop in year 2009 directing the Zoo operator to restrict the Animal Collection to Reptiles of the region.	Three months	Complied Animal Collection Plan is already prepared keeping in mind the concept plan provided by the Central Zoo Authority. We would like to keep the species currently in the collection as such and more reptiles are included in future collection plan and we have submitted the animal collection plan along with the master plan for approval from CZA.
8	10.3 (7)	The zoo has rescued animals for which it does not have infrastructure facility for housing, upkeep and Veterinary care.	Immediately	To comply Requested for post- facto approval from Central Zoo Authority.
9	10.3 (8)	Not reported to the Chief Wildlife Warden of the state and Central Zoo Authority regarding acquisition of animals pertaining to endangered species (Jungle Cat, Monitor Lizard, Trinket Snake, Peafowl, Silver Pheasant and Parakeets) by way of rescue.	Immediately	To comply Requested for post- facto approval from Central Zoo Authority.

COMPLIANCE WITH CONDITIONS STIPULATED BY THE CENTRAL ZOO AUTHORITY ASON EVALUATION ON 17TH NOVEMBER, 2017

Sl. No	Norm No.	Particulars	Time Period To Comply	Status
Animal Housing , Display of Animals and Animal Enclosure				
10	10.4(2)	Failed to house animals in enclosures in conformity with design and dimension as specified by the CZA	Six months	To comply The Zoo will construct enclosures in conformity with design and dimension as specified by the CZA while executing Masterplan
11	10.4 (2)	Failed to separate the Visitor's path and Service path. Presently, most of the service area to animal enclosures is from visitor's path.	Six months	Complied Separate service path had been constructed
12	10.4(3)	Failed to ensure safety of animals, personnel involved in upkeep of animals and visitors. It is observed that service entry to animal enclosure is not locked in one case.	Immediately	Complied The service entries to animal enclosure are properly locked. All the enclosures is having separate lock and keys.
13	10.4(6)	Failed to provide natural enrichment to Bonnet macaques. Tin sheets and rubber tyres provided as enrichment in the enclosure.	Immediately	Complied Replaced the tin sheets and rubber tyres given as enrichment in the Bonnet macaque enclosure with natural materials like Bamboo, thick creepers & wooden logs.
14	10.4(7)	Failed to screen adjacent animal enclosures.	Immediately	Complied Most of the adjacent animal enclosures are screened by natural vegetation. The rest of the enclosures are screened by mesh and plantation.
15	10.4(8)	Failed to obtain approval from the CZA to drawing of enclosures for endangered species and housed animals in substandard enclosures to screen adjacent animal enclosures.	Six months	To comply The drawing of enclosures for endangered species and construction of enclosures as prescribed by CZA would be done ater the approval of the Masterplan.
16	10.4(9)	There is no stand- off barrier at enclosure for Python.	Immediately	Complied The enclosure which was below the ground level was elevated to the surace and stand-off barrier had been constructed for the same.

Complied

New signage boards describing the names in different languages had been erected at the enclosures.

17 10.4(10) Failed to provide signage at few enclosures.

Immediately

COMPLIANCE WITH CONDITIONS STIPULATED BY THE CENTRAL ZOO AUTHORITY ASON EVALUATION ON 17TH NOVEMBER, 2017

Sl. No	Norm No.	Particulars	Time Period To Comply	Status
Upkeep and healthcare of animals				
18	10.5(2)	Failed to prepare and implement the Diet Schedule.	Immediately	Complied Diet Schedule for all the animals are prepared and implemented.
19	10.5(5)	Failed to prepare and implement the Schedule for disinfection of enclosures.	Immediately	Complied Schedule for disinfection of enclosures are prepared and implemented.
20	10.5(5)	Undeclared articles derived from wild animals (snake moults) are in possession of the Zoo in the Animal Supervisor's Office.	Immediately	Complied The articles were disposed from possession
21	10.5(8)	Failed to prepare and implement the Schedule for vaccination and other prophylactic measures.	Immediately	Complied Schedule for Vaccination and prophylactic measures are prepared and implemented
22	10.5(9)	Failed to screen staff involved in upkeep of animals against Zoonotic diseases.	Immediately	Complied Screened all the staffs of Parassinikkadavu Snake Park and Zoo for Zoonotic diseases.
23	10.5(10)	Records of the animals (Animal History Card, Keeper's Diary, Daily Report and Treatment Card) are not being maintained in format prescribed by the Central Zoo Authority.	Immediately	Complied Keeper's Diary, Daily Report and Treatment Card are maintained in the Parassinikkadavu Snake park are maintained in format prescribed by Central Zoo Authority.
24	10.5(11)	Not marked animals housed in the Zoo.	Immediately	To Comply Phase by phase marking of animals will be done as per CZA norms
Veterinary and infrastructure facilities				
25	10.6(1b)	Veterinary infrastructure and manpower of the zoo is not in accordance with the norms applicable for a small category zoo.	Immediately	Complied Parassinikkadavu Snake Park has complied the inadequancies in Veterinary and infrastructure facilities to function as a Small Zoo.
26	10.6(3)	No Quarantine Area and Isolation Ward in the zoo.	Immediately	Complied Constructed Isolation Ward for the animals to be isolated
27	10.6(3)	Post mortem Room, Treatment Room, Animal Supervisor's Room and Live animal feed are all at one place in a congested manner. Post mortem facility does not have provision for adequate sunlight.	Immediately	Complied Separate areas for Post mortem, Treatment and housing live animals for feed had been constructed.

COMPLIANCE WITH CONDITIONS STIPULATED BY THE CENTRAL ZOO AUTHORITY ASON EVALUATION ON 17TH NOVEMBER, 2017

Sl. No	Norm No.	Particulars	Time Period To Comply	Status
Post-mortem and disposal of carcasses of animals				
28	10.7(2)	Post- mortem reports are in deviation from the format prescribed by the Central Zoo Authority. It should be adopted by the Zoo.	Immediately	Complied The Postmortem reports are maintained in the format prescribed by CZA
29	10.7(4)	Not designated animal carcass disposal area away from animal enclosures. Presently, animal carcass disposal is being done in a pit dug between two animal enclosures towards their rear barrier. Also the area is stinking. More efficient disposal method should be adopted without affecting cleanliness and hygiene	Immediately	Complied New carcass disposal area is constructed.
Acquisition and Breeding of Animals				
30	10.9 (1)	King cobra (1 male: 1 female) are not housed in viable group.	Immediately	Complied Male and Female King cobra are housed in same enclosure in viable group.
31	10.9 (4)	Notpaired singly housed animals. It is observed that Barn owl, Fish owl, White necked stork, Red sand boa, Trinket snake, Common wolf snake and Travancore Tortoise are singly housed in the Zoo.	Six months	To comply The pairing of singly housed animals are under process
32	10.9 (6)	Displayed factually incorrect information to visitors. A Board with logo of CZA as well as the Zoo is displayed in the Zoo indicating Captive Breeding Project of King cobra. However, the CZA has not identified the Parassinikkadavu Snake Park either as Co-ordinating or as participating zoo for the purpose. It is informed during evaluation that the breeding is being carried out for display and not for re-stocking in the wild. The Zoo operator should ensure that factually correct information is provided to visitors.	Immediately	Complied The board mentioning 'Captive Breeding Project of King Cobra' had been removed.
Education and Outreach activities				
33	10.11 (2)	Physical handling of snakes is part of the educational activity undertaken by the zoo. Such sessions are being organized at regular interval in a day.	Immediately	Complied Physical handling of snakes is omitted from the educational activity of the Zoo.

COMPLIANCE WITH CONDITIONS STIPULATED BY THE CENTRAL ZOO AUTHORITY AS ON EVALUATION ON 17TH NOVEMBER, 2017

Sl. No	Norm No.	Particulars	Time Period To Comply	Status
Visitor's facilities				
34	10.12 (3)	Not provided ramps to facilitate the physically challenged among the visitor's to view animal enclosures.	Immediately	Complied Special assistance by means of Wheel chairs is made available for the physically challenged among visitors. All the enclosures are approachable by the physically challenged people.
Maintenance of Records and Submission of Inventory				
35	11.1	Not reported acquisition of Jungle cat, Monitor Lizard, Trinket snake, Peafowl, Silver pheasant and Parakeets in the Annual Inventory submitted to the Central Zoo Authority. Also, species housed in the Aquarium were not reported.	Immediately	To comply Requested for post- facto approval from Central Zoo Authority.
36	11.1	Not submitted Quarterly Inventory of animals for all four quarters during year 2017-2018 pertaining to endangered species, to the Central Zoo Authority.	Six months	Complied Submitted Quarterly Inventory reports and Annual reports or the year.

LIST OF FREE LIVING WILD ANIMALS WITHIN THE ZOO PREMISES

Mammals		
Sl.No	Common name	Scientific name
1	Indian grey mongoose	<i>Herpestes edwardsii</i>
2	Asian house shrew	<i>Suncus murinus</i>
3	Brown rat	<i>Rattus norvegicus</i>
4	Indian palm squirrel	<i>Funambulus palmarum</i>

Reptiles		
Sl.No	Common name	Scientific name
1	Common garden lizard	<i>Calotes versicolor</i>
2	Brahminy skink	<i>Mabuya carinata</i>
3	Bengal Monitor	<i>Varanus bengalensis</i>
4	Common vine snake	<i>Ahaetulla nasuta</i>
5	Buffstriped Keelback	<i>Amphiesma stolatum</i>
6	Common Rat Snake	<i>Ptyas mucosa</i>
7	Ornate flying snake	<i>Chrysopelea ornata</i>
8	Common Bronzeback Tree Snake	<i>Dendrelaphis tristis</i>

Aves		
Sl.No	Common Name	Scientific name
1	House crow	<i>Corvus splendens</i>
2	Jungle crow	<i>Corvus macrorhynchos</i>
3	House Sparrow	<i>Passer domesticus</i>
4	Indian Robin	<i>Saxicoloides fulicatus</i>
5	White browed Wagtail	<i>Motacilla maderaspatensis</i>
6	Ashy Prinia	<i>Prinia socialis</i>
7	Cattle egret	<i>Bubulcus ibis</i>
8	Black Kite	<i>Milvus migrans</i>
9	Brahminy Kite	<i>Haliastur indus</i>
10	Barn Owl	<i>Tyto alba</i>
11	Rose ringed parakeet	<i>Psittacula krameri</i>
12	Coppersmith Barbet	<i>Psilopogon haemacephalus</i>
13	White throated kingfisher	<i>Halcyon smyrnensis</i>
14	Greater Coucal	<i>Centropus sinensis</i>
15	Spotted dove	<i>Spilopelia chinensis</i>



PARASSINIKKADAVU SNAKE PARK & ZOO


(A unit of Pappinisseri Vishachikilsa Society No. S. 47 / 73)

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