

# CHENNAI SNAKE PARK

Annual Report for the year

2018-19



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## **Report of the Officer-in-charge**

### **1. History of the Zoo**

The Chennai Snake Park Trust (Madras Snake Park Trust as it was known till 1997) was established in the year 1972, mostly on the initiative of Romulus Whitaker, the well-known herpetologist, actively supported by a group of public-spirited men interested in wildlife.

. A major activity of the Trust is to run a Snake Park. Though called a 'Snake Park' it houses not only snakes but also crocodilians, the larger lizards and turtles and tortoises. It is called a 'snake park' instead of 'reptile park' only for the reason that the term 'reptile' does not convey much to the lay-public.

The Park is run as a means of education of the public on snakes and other reptiles of which the public know so little and have little chance to know enough in the normal course. This ignorance leads to aversion and fear resulting in their wanton killing.

The Snake Park is located in a corner of the Guindy National Park on an extent of one acre of land owned by the Government of Tamil Nadu and leased by it to the Trust. It is 12 km. away from Chennai Central Railway station and 11 km. away from Chennai Airport. It is well-served by the public transport system.

The lease is renewed from time to time and the present period of lease will expire in the year 2026. Considering the services rendered by the Snake Park to the public and to the cause of conservation of reptiles in particular and the environment in general, the State Government have been good enough to fix the lease rent at a nominal amount 2.

The Chennai Snake Park Trust is a not-for-profit NGO under an elected Board of Trustees consisting mostly of non-officials experienced in administration, wildlife management, financial management, veterinary care and zoo education, some of whom are officers retired from the Indian Administrative Service and the Indian Forest Service having experience in these areas. There are also official nominees on the Board representing the Government of Tamil Nadu (Wildlife Warden, Tamil Nadu Forest Dept. and Joint Director, Tamil Nadu Tourism Dept.), the Government of India (Officer-in-charge, Zoological Survey of India and the Regional Deputy Director, Wildlife Regional Office (SR)) and the University of Madras (Head, Department of Zoology).

## **2. Vision / Mission/Objective**

- i) To maintain and display a captive collection of snakes and other reptiles as a means of eliciting public interest in them and prompting the public to empathize with them.
- ii) To promote knowledge among the public on reptiles and amphibians and dispel the widespread erroneous beliefs about snakes in particular and, to this end, conduct awareness programmes targeting students primarily and also teachers and bring out low-priced publications with technical, semi-technical and popular content

- iii) To aid and assist research on reptiles and amphibians including the conduct of surveys to assess their status and distribution;
- iv) To undertake captive breeding of endangered species of reptiles
- v) To canvass public support for the protection and conservation of reptiles and amphibians.

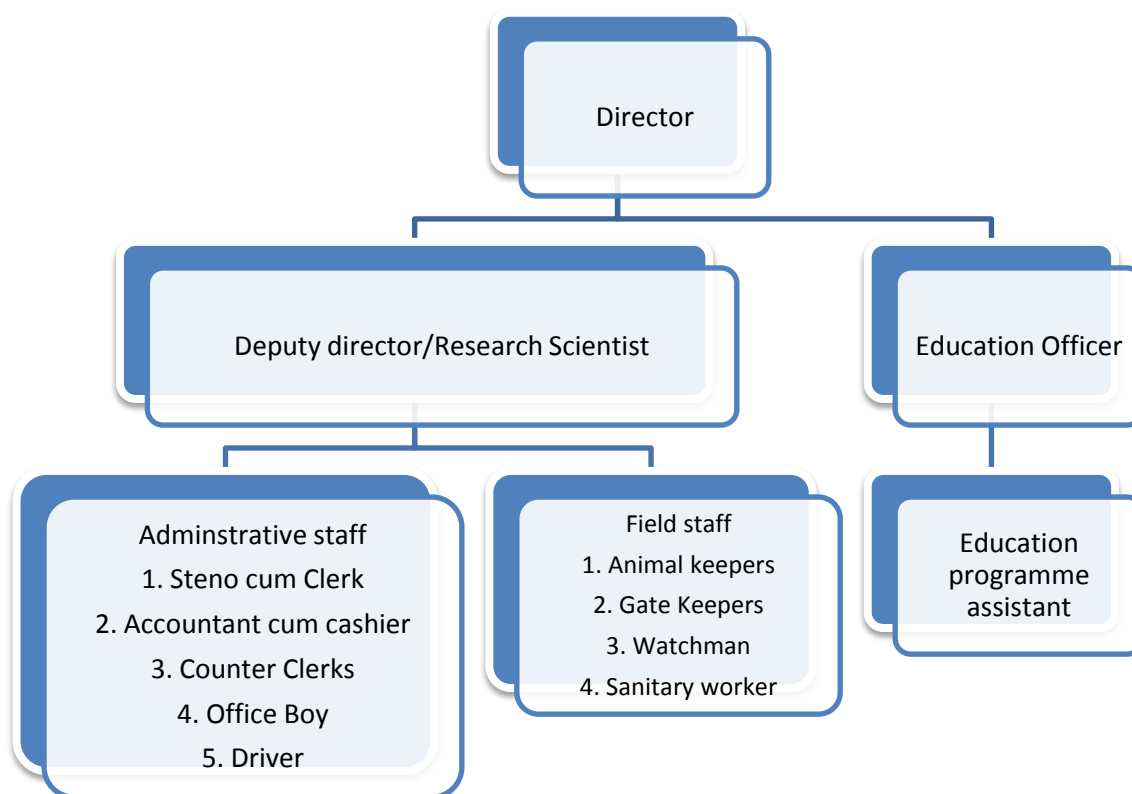
### 3. About us

S.No.	Particulars	Information
<b>Basic Information about the Zoo</b>		
1	Name of the Zoo	CHENNAI SNAKE PARK
2	Year of Establishment	1972
3	Address of the Zoo	RAJBHAVAN POST, CHENNAI PINCODE: 600022
4	State	TAMIL NADU
5	Telephone Number	044-22353623
6	Fax Number	
7	E-mail address	cspt1972@gmail.com
8	Website	chennaisnakepark.org
9	Distance from nearest	Airport: 20 km.
		Railway Station: Guindy 13 km
		Bus Stand: CMBT 16 KM.

<b>S.No.</b>	<b>Particulars</b>	<b>Information</b>
10	Recognition Valid upto (Date)	<b>05-05-2018</b>
11	Category of zoo	SMALL ZOO
12	Area (in Hectares)	0.4 HECTARES
13	Number of Visitors (Financial Year)	Adult : 3,52,643
		Children : 1,12,318
		Total Indian : 4,64,961
		Total Foreigners : 680
		Total Visitors: 4,65,641
14	Visitors' Facilities Available in Zoo	Visitors rest room, rest area, drinking water facilities,
15	Weekly Closure Day of the Zoo	Tuesday
<b>Management Personnel of the zoo</b>		
16	Name with designation of the Officer in-charge	R.Rajarithinam
	Name of the Veterinary Officer	Dr. M.G. Jayathangaraj, Dr.K.Senthilkumar – Trustees cum Honorary veterinarian
	Name of the Curator	Dr.S.R.Ganesh
	Name of the Biologist	
	Name of the Education Officer	Dr.G. Kannan / Dr.N. Sivaganesan
	Name of the Compounder/ Lab Assistant	K. Chooramani – Animal Keeper cum lab attender

S.No.	Particulars	Information
<b>Owner / Operator of the Zoo</b>		
17	*Name of the Operator	CHENNAI SNAKE PARK TRUST
18	Address of the Operator	RAJBAVAN POST, CHENNAI - 600022
19	Contact details/Phone number of Operator	044 22353623
20	E-mail address of Operator	cspt1972@gmail.com

#### 4. Organizational Chart





## 5. Human Resources

### Manpower of the Zoo\*

Sl.No.	Designation	Number of Sanctioned Posts	Names of the incumbent
1.	Director	1	R.Rajarathinam
2.	Dy. Director / Scientist	1	Dr.S.R.Ganesh
3.	Education Officer	1	Dr.G. Kannan/ Dr.N. Sivaganesan
4.	Estate Manager	1	S. Parkavi
5.	Steno-cum-clerk	1	P. Ushakumari
6.	Accountant-cum-Cashier	1	K. Murali
7.	Counter clerk Souvenir shop clerk	2	P. Babu Chatla M. Sasikala
8.	Drivers	2	M.Siva A. Muniraj
9.	Office Boy	1	N.Mani
10.	Sanitary worker	1	S.Valli
11.	Animal Keepers	6	M.Mani S.Ravi V. Selvam K. Chooramani K.Prabakaran M.K. Haneef
12.	Gate Keeper	1	Y. Manbahadurthapa
13.	Night watchmen	2	E.Nagarajan G. Murugan

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

## 6. Capacity Building of zoo personnel

Sl.No.	Name and designation of the zoo personnel	Subject matter of Training	Period of Training	Name of the Institution where the Training attended
1.	Dr. S.R.Ganesh	Middle level zoo officers workshop	15 <sup>th</sup> & 16 <sup>th</sup> March 2019	Central Zoo Authority (head office) New Delhi

**7. Zoo Advisory Committee –**

- a. Date of constitution
- b. Members
- c. Dates on which Meetings held during the year

BOARD MEETING OF THE TRUSTEES OF THE CHENNAI SNAKE PARK HELD ON  
04-04-2018, 02-07-2018, 23-08-2018, 20-09-2018, 31-12-2018, 02-02-2019, 28-03-2019

**8. Health Advisory Committee–**

- a. Date of constitution
- b. Members
- c. Dates on which Meetings held during the year  
SAME AS ABOVE

**9. Statement of income and expenditure of the Zoo**

- 1. Income - Rs.1,17,17,618/-
- 2. Expenditure - Rs.1,08,10,545/-

**10. Daily feed Schedule of animals**

S.No	Species	Feed item	Winter	Summer	Day of fasting
1	Indian rock python (Adult) Indian rock python(Sub Adult)	1 Chicken weekly once 10 Chicks weekly once	N.A.	N.A.	N.A.
2	Reticulated python (Adult) Reticulated python (sub Adult)	1 Chicken weekly once 10 Chicks weekly once			
	Common sand boa	3 rats/week			
	Red sand boa	3 rats/week			
	Whitaker's boa	3 rats/week			
	Common trinket snake	3 rats/week			
	Common kukri snake	5 mice/week			
	Common wolf snake	5 mice/week			
	Common cat snake	5 mice/week			
	Saw-scaled viper	5 mice/week			

	Common krait	10mice/week			
	Spectacled cobra	5 rats or chicks / week			
	Indian rat snake	5 rats or chicks / week			
	Russell's viper	5 rats or chicks / week			
	Checkeredkeelback	5 small fish/week			
	Olive keelback	5 small fish/week			
	Striped keelback	3 small fish/week			
	Common vine snake	5 lizards/week			
	Common bronzeback	5 lizards/week			
	Marsh crocodile	Beef 1 kg/animal/week Fish 1 kg/animal/week			
	Saltwater crocodile	Beef 1 kg/animal/week Fish 1 kg/animal/week			
	Gharial	Fish 3 kg/animal/week			
	Nile crocodile	Fish 0.3kg / animal / week Beef 0.3 kg / animal / week			
	Siamese crocodile	Fish 0.5kg / animal / week Beef 0.5 kg / animal / week			
	Indian black turtle	Fish			
	Indian flapshell turtle	Fish			
	Star tortoise	Vegetables and fruits alternate days			
	Green iguanas	Greens, spinach & fruits, vegetables on alternate days			
	Spotted rock gecko	Insects, daily			
	Indian rock agama	Insects, daily			
	Chameleon	Insects, daily			

### 11. Vaccination Schedule of animals

Sl.No.	Species	Disease vaccinated for	Name of the Vaccine and dosage/ quantity used	Periodicity	Remarks
	NA				

### 12. De-worming Schedule of animals

Sl.No.	Species	Drug used	Month
		Pyrate. As directed by Veterinary consultant (Dr.P. Balaji)	

### 13. Disinfection Schedule

Sl.No.	Species	Type of enclosure	Disinfectant used and method	Frequency of disinfection
			Povidine iodine. As directed by Veterinary consultant (Dr.P. Balaji)	

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

Sl.No.	Name	Designation	Date of Health Check up	Findings of Health Check up
	M.Mani S.Ravi V. Selvam K. Chooramani K. Prabakaran S.Rajesh	Animal keepers		

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

An Interactive learning zone was established in order to enhance the quality of Education and Awareness programme for students who visiting the park. Following programmes have been introduced: Frog jumping Exercise, Interactive Play, Find the hidden animal and Snake identification using QR code.

The works on under water exhibit and Anaconda enclosure has been completed. In under water exhibit, Slider turtle, Pond turtle, Checkered Keelback Water snake were introduced.

The anaconda cage is ready for introduction of snake. Formal order for translocation of five anacondas from MCBT to CSPT is awaiting for CZA approval. Now in progress.

Similar to this the construction of a Terrarium opposite to Underwater Exhibit was completed. Green vine snake, Bronze back tree snake, Trinket snake, iguanas, Star tortoise with prey species were housed in the terrarium.

## **16. Education and Awareness programmes during the year**

- 1. Awareness programme on snake and other reptiles:** Awareness programme using a few snakes was started on July,16. Shri. K.Udhayan, IFS inaugurated the programme. Everyday two programmes are being conducted for visitors.
- 2. School visits to the park and Guided Tours:** 394 schools have visited our park with 28,557 students and 3333 teachers till March 2019. The Environment Education Officer did guided tours to all the schools that had visited the Park.
- 3. Awareness Programme for School Teachers and Students in Collaboration with CPREEC, Chennai :** ‘Earthian programme’ sponsored by WIPRO for teacher and students were conducted in our premises in collaboration with CPR Environmental Education Centre on 25.07.2018 & 26.07.2018. About 85 students and 80 teachers were participated in two days programme. Dr. S.R. Ganesh and Dr. G. Kannan conducted a class of Indian snakes and Asian elephants to teacher trainees and students who participated in the programme.
- 4. School Education programme in Collaboration with Dinamalar (Daily paper):** Special awareness and education programme sponsored by Dinamalar daily paper was started on 01.09.2018. 867 students from 4 schools were participated. On 8<sup>th</sup> Sept. co-conducted classes on Indian snakes to Govt. school students organized by Dinamalar.
- 5. School Education programme in Collaboration with World Wildlife Fund –Nature:** Special awareness programme with WWF-India was started on 17.10.2018 till 31.11.2018 240 students from Eight schools were participated the programme. On 24<sup>th</sup> Oct. interacted with 40 Govt. school students from Thiruvanmiyur, coordinated by WWF. On 25<sup>th</sup> Oct. interacted with students from Chennai Middle School Balajinagar, coordinated by WWF.

6. **School Education programme in Collaboration with Pichandikulam Forest Consultancy, Auroville:** In collaboration with Pichandikulam Forest awareness programme has been done for four schools so far. Government school on 16<sup>th</sup> Aug., delivered lecture on snakebite in India, to a team of students led by Adyar Poonga and Pitchandikulam Forest Consultancy, Auroville.
7. **School Education Programme with CommuniTree:** In collaboration with CommuniTree, Thiruvannamiyur, School education programme has been done with three schools with 560 students till Nov. 2018.

## 17. Important Events and happenings

**Summer Course:** Wildlife Educators Summer courses for students and general public on Indian wildlife was conducted from April 16 to May 25. Course fee was Rs. 500/- per head. Apart from slide talks and hands-on sessions, all participants, guided by the Forest Dept. staff and the team experts took a nature trail eco-walk into Guindy National Park aiming to sight wildlife. About 135 individuals participated in the summer course, of which most were students. The participants were from all walks of life and included age group from as low as 9 year old school kids to retired, senior citizens. The participants were from many educational and linguistic backgrounds. About 15% of the participants were from other states. The participants, particularly students, were very enthusiastic about the practical sessions and frog jumping exercises. Apart from Members of the Trust external experts namely Dr.M.C.Sathyanarayana, Dr. G. Ramaswamy, Dr. Palanivelrajan, Dr. M.Bubesh Gupta and Mr.S. Dravidamani were also guest speakers in the programme. Detailed activities of this summer programme was published in the ZOO's Print Journal, June 2018 issue.

**World Snake Day:** On 16<sup>th</sup> July 2018, World Snake Day was celebrated in our Park to popularize the important of legless reptiles among school and college students. About 25 students and 2 teachers students from Vruksha Montessori School, Chennai visited the Snake Park. Dr.G. Kannan, Education Officer conducted Special education programmes to the school

children and distributed pamphlets and stickers. Dr. S.R. Ganesh conducted classes on Indian reptiles to students from KRM School Chennai, ENVIS Anna University and JBAS College.

**Captive to Wild – Awareness programme** : This is a first of its kind programme that focuses on field experience in forest area. Participants will get a rare opportunity of trekking in forest area and get a first hand field experience about our natural habitat in addition to Snake Park. So far, 17 CBSE schools were participated around Chennai.

### **Talks/Lecture**

Dr.S.R. Ganesh, Dy. Director conducted the following programmes:

- On 20<sup>th</sup> July, delivered lecture on Indian snakes to zoology students of JBAS college at their campus.
- On 10<sup>th</sup> Aug. conducted a class on taxonomy of Indian amphibians and reptiles to students of ENVIS Anna Univ. at their campus.
- On 20<sup>th</sup> and 21<sup>st</sup> Aug. classes on Indian herpetology were conducted to M.Sc. wildlife Biology students from A.V.C college, Mayiladuthurai.
- On 29<sup>th</sup> Aug., delivered lecture on Indian snakes and snakebite to students from Hindusthan College, Chennai.
- On 3<sup>rd</sup> and 4<sup>th</sup> Sept., classes on Indian herpetology were conducted to M.Sc. wildlife Biology students at SACON at their campus.
- On 5<sup>th</sup> Sept. an awareness programme was conducted to staff of APITEC Ltd. Oragadam.
- On 9<sup>th</sup> Sept. conducted classes on Indian snakes and snakebite to Veltech College, Vellore, coordinated by Dr. Kumaraguru Biodiversity Conservation Foundation.
- On 17<sup>th</sup> Sept., conducted classes to M.V.Sc. students from Namakkal and Vepery Veterinary Colleges.
- On 17<sup>th</sup>, delivered lecture on Indian herpetology to IFS trainees from CASFOS Coimbatore.
- On 23<sup>rd</sup> Sept., conducted classes to 24 B.V.Sc. students from Madhavaram TANUVAS campus.
- On 24<sup>th</sup>, Sept. conducted classes to 32 M.Sc. wildlife Biology students from A.V.C College.

- On 25<sup>th</sup> Sept., conducted classes to 28 B.V.Sc. students from Vepery Veterinary College
- On 5<sup>th</sup> Oct. Awareness programme was conducted to staff of APITEC Ltd. Oragadam at their campus.
- On 5<sup>th</sup> Oct., conducted classes on to 20 M.V.Sc. students from Orathanadu Veterinary College.
- On 13<sup>th</sup> Oct., delivered a lecture to Zoology Dept. of Stella Maris College on the occasion of an inter-college academic event SYNAPSE at their campus.
- On 23<sup>rd</sup> Nov. conducted classes to 35 ranger trainee candidates from the Gujarat Forest Academy.
- From 4<sup>th</sup> to 7<sup>th</sup> Feb. 2019, co-organised and co-conducted modules to field staff from TVS factories. This included slide talks, interactions and field sessions in Nanmangalam forest areas.
- On 7<sup>th</sup> Feb. Co-conducted (with TNFD) field visit to GNP by 1st year B.Sc. Zoology students from Women's Christian College.
- On 17<sup>th</sup> Jan, herpetology programme (slide talks, interactions) was conducted to 18 forest range officer trainees and two supervising faculties from WII, Dehradun.
- On 8<sup>th</sup> Feb. delivered talks at zoology dept., University of Madras during a faculty refresher course.
- On 14<sup>th</sup> Feb. Talks were delivered to 1st year M.Sc. Students from Govt. Arts college, Ooty.
- On 1<sup>st</sup> March, in connection with a seminar on 'climate change and its impact on human health and wildlife' a lecture was delivered to B.Sc. And M.Sc. Zoology and wildlife biology students from the Govt. Arts College, Ooty.
- On 20<sup>th</sup> Mar. gave a talk to IIT Madras nature club students, at their venue.
- On 21<sup>st</sup> Mar. conducted an awareness programme to students and accompanying staff members from the eco club of national institute of fashion technology, Chennai.

**6. College students internship programmes:** Dy. Director & Scientist supervised the following internship programmes during July –Nov.18.

- In July 2018, a team of ten 1<sup>st</sup> year B.Sc. zoology students from Stella Maris College, for one month.



- During 1<sup>st</sup> week of Nov. an internship programme on captive snakes' resource use patterns by a XI std. student from KFI school.
- On 21<sup>st</sup> Nov. internship programme of a M.Sc. zoology student from Pachaiappa's College.

**7. Snake Survey and Awareness Programme in Institution/ Factory/Colleges**

- On 10<sup>th</sup> Oct., surveyed AIE car factory, Poonamalle by Dy. Director & staff
- On 22<sup>nd</sup> Oct. surveyed Waycool Food Factory, Virugambakkam. Dy. Director & staff
- On 10<sup>th</sup> Nov. surveyed HIMT college campus Kalpakkam. Dy. Director & staff
- On 12<sup>th</sup> Dec surveyed Sundaram Fasteners limited, Padi by EEO & Staff
- On 14 & 15<sup>th</sup> Dec surveyed HIMT college campus, Kalpakkam. Dy. Director & staff

**8. School Education Programme with PRAKURTHI:** In collaboration with Prakurthi, Palavakkam, School education programme has been done with 3 schools with 102 students till Feb.2019.

**9. One Workshop on “ LEARN FROM NATURE”:** On the eve of World Forest day, one day workshop titled on “Learn from Nature” was organized by Chennai Snake Park Trust along with Prakurthi (NGO). Dr.N.Krishnakumar, PCCF (Retd), delivered the inaugural address. Executive Secretary Dr.S.Paulraj given welcome and introductory talk. Prof.A.Ramachandran, T.Thirunarayan and Dr. Arularam gave lectures on this subject, followed by field trip to Guindy National Park. 37 people from various institutions participated in the programme.

**10. Snake rescue training programme to TVS Ltd.:** From 4<sup>th</sup> to 7<sup>th</sup> February a total of 43 staff from TVS Ltd. companies from Chennai and other districts, participated in a special programme organized as a two-day event. Rs. 83,000/- was received as fees for the event that covered slide talks, field tours in Nanmangalam Forests, interactive sessions and cost of snake-restrain equipments. Apart from CSP staff like the Director, DD. and the Veterinary Consultant, Dr. Balaji, special invited lectures were delivered by the guest expert speaker Mr. S. Dravidamani.

**11. Awareness Programme with Tamil Nadu Forest Department, Chennai:** One-day awareness programmes in Pallikaranai Marsh land and Chennai Snake Park were

conducted to the Chennai Corporation Schools on 13.02.19, 14.02.19, 15.02.19 and 16.02.19. 240 school students and 25 teachers from the four schools were participated in these programmes. Programmes were conducted in Snake Park premises and Pallikaranai Marsh land. These programmes funded by DFO, Chennai.

## **6. Seasonal special arrangements for upkeep of animals**

During peak summer (April-May) roof tops erected in crocodile enclosure for shade; water-soaked leaf litter sprayed on enclosure flooring for heat reduction. In most enclosures water sprayed periodically, on the enclosure substrates and on the animals. During peak winter (Dec-Jan.) heat pot bulbs switched on during night time for apt warmth for the reptiles.

## **7. Research Work carried out and publications**

**Outsourcing work by Anna Zoological Park:** Dr. S.Paulraj. The Executive Secretary, submitted final report on “Interpretive Planning” for Arignar Anna Zoological Park, Vandalur, during November, 2018.

**Project on Amphibians and Snakes in Anamalai Tiger Reserve:** A sponsored project on Amphibians and Snakes in Anamalai Tiger Reserve (ATR) for Rs.1,50,000/- was sanctioned to us by Anamalai Tiger Conservation Foundation, TNFD, during October 2018. This six month project lasted from Nov. 2018 till April 2019.

**Herpetological Survey in and around TCS, Siruseri:** A sum of Rs. 50,000 was sanctioned to CSPT by the Pitchandikulam Forest Consultancy, for survey in TCS Siruseri campus and surrounding area (3 months, Nov, 2018 to Jan-2019).

**Project proposals submitted to CZA grants:** We have submitted three project proposals for total outlay of Rs.35,54,000 to CZA during January, 2019.

1. Awareness on snakebite and anti-venom treatment in greater Chennai Area (Rs. 13.94 lakhs)
2. Studies on variations in venom composition due to captivity and intraspecific differences in the spectacled cobra (*Naja naja*) from Tamil Nadu, Southern India. (11.6 lakhs)

3. Habitat associations and activity patterns of aquatic herpetofauna of Pallikaranai marsh, Chennai (10 lakhs)

In the letter dated 7.03.2019, CZA sanctioned Rs. 5.10 lakh for the “Awareness on snake bite and anti-venom treatment in greater Chennai Area”

The Dy. Director & Research Scientist published the following articles during the said period:

- a. S.R. Ganesh, T. Nandhini, V.D. Samuel, C.R. Sreeraj, K.R. Abhilash, R. Purvaja, Ramesh, R. 2019. Marine snakes of Indian coasts: historical resume, systematic checklist, toxinology, status, and identification key. *Journal of Threatened Taxa* 11 (1), 13132-13150.
- b. S.R. Ganesh, R Aengals. 2018. On further specimens of the poorly-known Pruthi's skink *Lygosoma pruthi* (Sharma, 1977) with an expanded description. *Asian Journal of Conservation Biology* 7 (2), 128-132.
- c. S.R. Ganesh. 2018. The rediscovery of Rurk's Cat Skink *Ristella rurkii* Gray, 1839 (Reptilia: Ristellidae) with remarks on distribution and natural history. *Journal of Threatened Taxa*, 10 (10), 12376-12381.
- d. A.N. Srikanthan, GC Kumar, AJ Urs, SR Ganesh. 2018. Appearances are deceptive: molecular phylogeny recovers the Scaly Gecko *Hemidactylus scabriceps* (Reptilia: Squamata: Gekkonidae) as a member of a scansorial and rupicolous clade. *Journal of Threatened Taxa* 10 (9), 12147-12162.
- e. S.R. Ganesh, A Kalaimani, P Karthik, N Baskaran, R Nagarajan, 2018. Herpetofauna of Southern Eastern Ghats, India – II, From Western Ghats to Coromandel Coast. *Asian Journal of Conservation Biology* 17 (1), 28-45.
- f. S.R. Ganesh & G. Vogel. 2018. Taxonomic reassessment of the Common Indian Wolf Snakes *Lycodon aulicus* (Linnaeus, 1758) complex (Squamata: Serpentes: Colubridae). *Bonn Zoologische Beitrage*, 67(1): 25-36.
- g. Aengals R., V.M.S. Kumar, M.J.Palot & S.R.Ganesh. 2018. A checklist of reptiles of India. ZSI e-publications, 37 pp.
- h. S.R. Ganesh & S.R. Chandramouli. 2018. On the distribution of *Trimeresurus strigatus* Gray, 1842 - a corrective note. *Sauria*, 40(1):87-91.

### **30. Conservation Breeding Programme of the Zoo**

None during the said period.

**31. Animal acquisition / transfer / exchange during the year**

A. Animals arriving in the Zoo				
H. NO.	Species (All are exotic species)	Number (M:F)	From which Zoo	Date of arrival in the zoo
	1. Burmese tortoise <i>Indotestudo</i> sp. (subadults)	4	Confiscated stock in airport Redirected by Wildlife Crime Control Bureau, GoI, Chennai	10.8.2018 (for all the animals)
	2. Madagascan radiated tortoise <i>Astrochelys raidatus</i>	1		
	3. Green iguana <i>Iguana iguana</i> (blue & green forms, juveniles)	10		
	4. American corn snake <i>Pantherophis guttatus</i>	2		
	5. Siamese spitting cobra <i>Naja siamensis</i> (incl. subadults)	3		
	6. Sumatran spitting cobra <i>Naja sumatrana</i> (subadult)	1		
	7. Australian green python <i>Morelia viridis</i> (subadult)	1		
	8. Albino python (juveniles) <i>Python</i> spp. (juveniles)	5		
	9. Green pitviper <i>Trimeresurus</i> sp. (incl. juveniles)	3		
B. Animals going from the zoo				
H.NO.	Species	Number (M:F)	Going to which Zoo	Date of deposition from the zoo
	Nil			

As per the direction of Mrs. T. Uma, IFS. Regional Deputy Director, Wildlife Crime Control Bureau, Southern Regional Station, Chennai a confiscated stock of live reptiles were acquired by the Chennai Snake Park on 10.8.2018. The live reptiles were seized at Tiruchirapalli airport from a Malaysian airline consignment. The reptiles were in deteriorated condition owing to prolonged travel in congested state within small containers, added to quarantine in Snake Park, and examined by the Vepery Veterinary College team. Some weak animals including Madagascan tortoise, Burmese tortoise, Green python, corn snake and a few iguanas could not be saved. The remaining are still doing well at our display enclosures.

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

Sl.No.	Date of Rescue	Species with number of animals rescued with their sex	Received from	Date of Submission of Report to the CWLW / CZA	Action taken	
		Nil			Date and Place of rehabilitation in their habitat	Reasons for housing in the zoo, if not released in their habitat

### 33. Annual Inventory of animals

Form – II  
[See Rule 11(1)]

Part – A

Inventory Report for the Year :

Endangered Species\*

S.No	ANIMAL NAME	SCIENTIFIC NAME	OPENING STOCK	BIRTHS	ACQUISITIONS	DISPOSALS	DEATHS	CLOSING STOCK
			M   F   U   T	M   F   U	M   F   U	M   F   U	M   F   U	M   F   U   T
1	Chameleon Indian	<i>Chamaeleo zeylanicus</i>	0   0   5   5	0   0   0	0   0   0	0   0   0	0   0   0	0   0   5   5
2	Cobra Indian	<i>Naja naja</i>	0   0   11   11	0   0   0	0   0   0	0   0   0	0   0   0	0   0   11   11
3	Crocodile Long Snouted (Gharial)	<i>Gavialis gangeticus</i>	0   0   6   6	0   0   0	0   0   0	0   0   0	0   0   0	0   0   6   6
4	Crocodile Marsh ( Mugger )	<i>Crocodylus palustris</i>	0   0   29   29	0   0   0	0   0   0	0   0   0	0   0   0	0   0   29   29
5	Crocodile Salt Water	<i>Crocodylus porosus</i>	0   0   2   2	0   0   0	0   0   0	0   0   0	0   0   0	0   0   2   2
6	Monitor Lizard / Common Indian	<i>Varanus bengalensis</i>	0   0   3   3	0   0   0	0   0   0	0   0   0	0   0   0	0   0   3   3
7	Python Indian - Rock	<i>Python molurus</i>	0   0   6   6	0   0   0	0   0   0	0   0   0	0   0   1	0   0   5   5
8	Python Regal / Reticulated	<i>Python reticulatus</i>	0   0   7   7	0   0   15	0   0   0	0   0   0	0   0   0	0   0   22   22
9	Snake Keelback Checkered	<i>Xenochrophis piscator</i>	0   0   8   8	0   0   0	0   0   0	0   0   0	0   0   0	0   0   8   8
10	Snake Keelback Olivaceous	<i>Atractium schistosum</i>	0   0   6   6	0   0   0	0   0   0	0   0   0	0   0   0	0   0   6   6
11	Snake Rat / Dhaman	<i>Ptyas mucosus</i>	0   0   6   6	0   0   0	0   0   0	0   0   0	0   0   0	0   0   6   6
12	Turtle Fresh Water / Indian Soft-shelled	<i>Lissemys punctata punctata</i>	0   0   7   7	0   0   0	0   0   0	0   0   0	0   0   0	0   0   7   7
13	Viper Russells	<i>Daboia russelii</i>	0   0   6   6	0   0   0	0   0   0	0   0   0	0   0   0	0   0   6   6
		<b>Total of Endangered Species</b>	0   0   102   102	0   0   15	0   0   0	0   0   0	0   0   1	0   0   115   116

\*Animals under Schedule I and Schedule II of the Wild Life (Protection) Act, 1972

Part – B

Other than Endangered Species

S.No.	ANIMAL NAME	SCIENTIFIC NAME	OPENING	BIRTHS	ACQUISITIONS	DISPOSALS	DEATHS	CLOSING
			STOCK					STOCK
			M   F   U   T	M   F   U	M   F   U	M   F   U	M   F   U	M   F   U   T
1	Gecko Emerald	<i>Gekko gecko</i>	0   0   5   5	0   0   0	0   0   0	0   0   0	0   0   0	0   0   5   5
2	Krait Common Indian	<i>Bungarus caeruleus</i>	0   0   6   6	0   0   0	0   0   0	0   0   0	0   0   0	0   0   6   6
3	Lizard Rock	<i>Psammophilus blandfordanus</i>	0   0   4   4	0   0   0	0   0   0	0   0   0	0   0   0	0   0   4   4
4	Sand Boa Common	<i>Eryx conicus</i>	0   0   6   6	0   0   0	0   0   0	0   0   0	0   0   0	0   0   6   6
5	Sand Boa Red	<i>Eryx johnii</i>	0   0   8   8	0   0   0	0   0   0	0   0   0	0   0   0	0   0   8   8
6	Sand Boa Whitakers	<i>Eryx whitakerii</i>	0   0   1   1	0   0   0	0   0   0	0   0   0	0   0   0	0   0   1   1
7	Snake Banded Kukri	<i>Oligodon arnensis</i>	0   0   1   1	0   0   0	0   0   0	0   0   0	0   0   0	0   0   1   1
8	Snake Cat	<i>Boiga trigonata</i>	0   0   2   2	0   0   0	0   0   0	0   0   0	0   0   0	0   0   2   2
9	Snake Keelback Stripped	<i>Amphiesma stolata</i>	0   0   4   4	0   0   0	0   0   0	0   0   0	0   0   0	0   0   4   4
10	Snake Tree / Common Indian Bronzeb	<i>Dendrelaphis tristis</i>	0   0   4   4	0   0   0	0   0   0	0   0   0	0   0   0	0   0   4   4
11	Snake Trinket	<i>Coelognathus helena</i>	0   0   3   3	0   0   0	0   0   0	0   0   0	0   0   0	0   0   3   3
12	Snake Vine	<i>Ahaetulla nasuta</i>	0   0   9   9	0   0   0	0   0   0	0   0   0	0   0   0	0   0   9   9
13	Snake Water Dog Faced	<i>Cerberus rynchops</i>	0   0   4   4	0   0   0	0   0   0	0   0   0	0   0   0	0   0   4   4
14	Snake Wolf Common	<i>Lycodon aulicus</i>	0   0   3   3	0   0   0	0   0   0	0   0   0	0   0   0	0   0   3   3
15	Tortoise Star Back	<i>Geochelone elegans</i>	0   0   7   7	0   0   0	0   0   0	0   0   0	0   0   0	0   0   7   7
16	Turtle (Unidentified)		0   0   11   11	0   0   0	0   0   0	0   0   0	0   0   0	0   0   11   11
17	Turtle Pond	<i>Melanochelys trijuga</i>	0   0   27   27	0   0   0	0   0   0	0   0   0	0   0   0	0   0   27   27
18	Viper Saw Scaled	<i>Echis carinatus</i>	0   0   9   9	0   0   0	0   0   0	0   0   0	0   0   0	0   0   9   9
<b>Total of Species (Sch III and IV)</b>			0   0   114   114	0   0   0	0   0   0	0   0   0	0   0   0	0   0   114   114

Total of Exotic Species

S.No.	ANIMAL NAME	SCIENTIFIC NAME	OPENING	BIRTHS	ACQUISITIONS	DISPOSALS	DEATHS	CLOSING
			STOCK					STOCK
			M   F   U   T	M   F   U	M   F   U	M   F   U	M   F   U	M   F   U   T
1	Crocodile Nile	<i>Crocodylus niloticus</i>	0   0   2   2	0   0   0	0   0   0	0   0   0	0   0   0	0   0   2   2
2	Crocodile Siamensis	<i>Crocodylus siamensis</i>	0   0   2   2	0   0   0	0   0   0	0   0   0	0   0   0	0   0   2   2
3	Iguana Green	<i>Iguana iguana</i>	0   0   6   6	0   0   10	0   0   0	0   0   0	0   0   0	0   0   16   16
4	Tortoise Burmese	<i>Geochelone sp.</i>	0   0   0   0	0   0   0	0   0   3	0   0   0	0   0   3	0   0   0   0

5	Snake Spitting Cobra	<i>Naja sp.</i>	0   0   0   0	0   0   0	0   0   4	0   0   0	0   0   0	0   0   4   4
6	Snake Pitviper	<i>Trimeresurus sp.</i>	0   0   0   0	0   0   0	0   0   1	0   0   0	0   0   0	0   0   1   1
7	Snake Pythons albino	<i>Python sp.</i>	0   0   0   0	0   0   0	0   0   6	0   0   0	0   0   2	0   0   4   4
		<b>Total of Exotic Species</b>	0   0   10   10	0   0   10	0   0   14	0   0   0	0   0   5	0   0   29   29

### 34. 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	Albino pythons	<i>Python sp.</i>	Unknown (subadult)	Jan. 2019	
2	Burmese tortoise	<i>Geochelone sp.</i>	Unknown (subadult)	Feb. 2019	

### 35. 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

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

- a. Mammals : Palm squirrel, Bonnet monkeys
- b. Birds : Crows
- c. Reptiles : House geckos, garden lizards

### 12. CZA renewal of recognition to Chennai Snake Park

The present CZA recognition expired on 28.09.2019. Dr. Brij Kishor Gupta, Evaluation and Monitoring Officer, CZA inspected Chennai Snake Park on 7.8.2018 based our renewal application. Based on his observation the CZA gave one year extension with some conditions. The letter received from CZA and our reply has been sent to CZA.

**13. TNOU Study Centre**

Based on our application, TNOU recognized Chennai Snake Park as one of the Programme Study Centre (Code No.022702) to conduct Diploma in Wildlife Tourism and Certificate Course in Wildlife Tourism Guide. Enrollments are going on. So far, four students in diploma and two students in certificate course have been joined.

**14. Donation from RAMCO cements**

MD & Chairman of RAMCO CEMENTS Groups generously donated Rs.5,00,000/- (Rupees Five lakhs) for Snake Park activities after Dr. S. Paulraj, Executive Secretary and Dr. V. Kalaiarasan, Trustee at briefed about the activities of the Chennai Snake Park at Rajapalayam on 2.12.2018.

**15. Wildlife Week Celebration**

On 3<sup>rd</sup> Oct., Wildlife Week celebration was inaugurated by setting up a stall showcasing Indian herpetology, in tandem with ENVIS Univ. of Madras. Snake (Big Four) bite symptoms and first aid pamphlets were distributed to visitors of the Park.