



CSPT NEWS LETTER

ISSUE:7

THE CHENNAI SNAKE PARK TRUST'S NEWSLETTER

JULY 2025

(Monthly -For Internal Circulation)

EXECUTIVE CHAIRMAN's NOTE :



(World Snake Day: Executive Chairman Dr. S. Paulraj, IFS Retd. delivered the Key Note address for the World Snake day program on 16th July 2025.)

On the occasion of **World Snake Day**, Chennai Snake Park conducted a program celebrating the richness of snakes and its importance for the students of Madras University on 16th July 2025 and invited the Chief guest from Tamil Nadu Veterinary and Animal Sciences University (TANUVAS), Chennai Dr. S. Sathesh Kumar, Ph. D, Dean, Faculty of Basic Sciences, & Dr. Sreekumar Chirukandoth, Ph. D, Professor and Head, Dept. Wildlife Science, TANUVAS, Chennai.



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CHENNAI SNAKE PARK TRUST, RAJ BHAVAN POST, CHENNAI-600022.

EDITOR : Dr. C. Arivazhagan, Dy. Director - CSPT

SUB EDITOR : Mirdhula Kamaraj, Biologist-CSPT



(Dr. Sreekumar Chirukandoth addressed the participants of World Snake Day program conducted on 16th July 2025.)



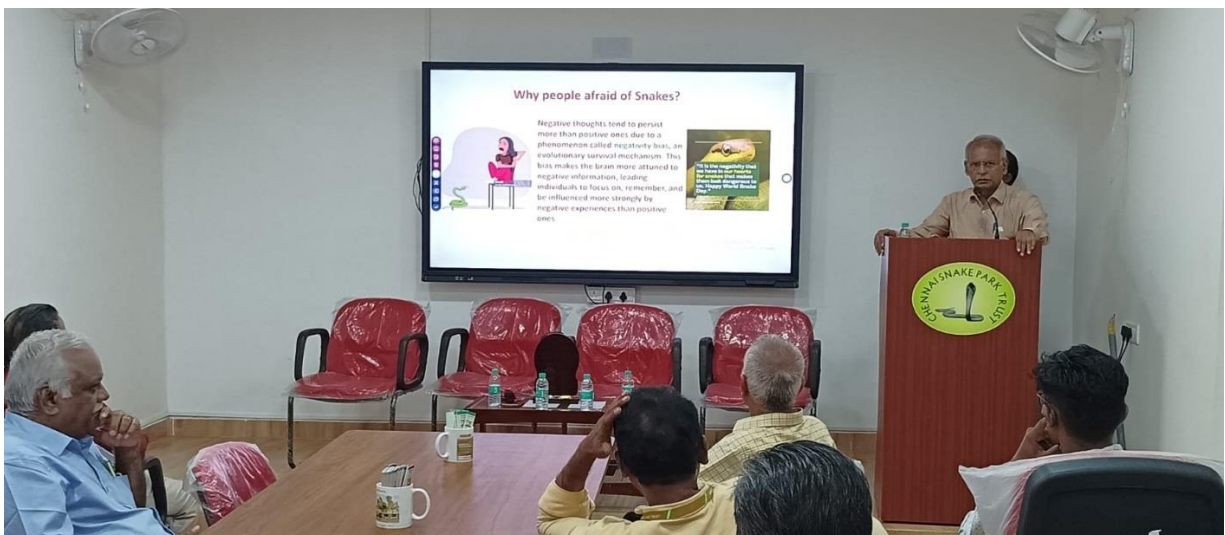
(Honouring Chief Guest Dr. S. Sathesh Kumar and Dr. Sreekumar Chirukandoth with a shield by Dr. S. Paulraj, Executive Chairman and Dr. V.Kalaiarasan, Research Director.)



(Release of Snake awareness Cartoon film "Snakes are Farmer's Friends" by the Chief guests.)



(Participants witnessing the programme of World Snake Day conducted at Chennai Snake Park Trust.)



(Executive Chairman Dr. S.Paulraj (I.F.S. Retd.) delivered a special talk for the audience.)



(Dr. C. Arivazhagan, Deputy Director of CSPT delivered the vote of thanks)

VIP Visit :



On 30th July 2025, Prof. Abraham Matoc Dhal, Vice Chancellor, Dr. John Garang Memorial University of Science & Technology, Republic of South Sudan visited our Park along with Dr. Sreekumar Chirukandoth, Ph.D, Professor and Head, Dept. Wildlife Science, TANUVAS, Chennai. Dr. S.Paulraj, Executive Chairman welcomed the guest and had discussion about preparation of antivenom for Sudan's venomous snakebite. He requested help from the experts in CSPT. The Executive Chairman assured to help in this regard.

During the meeting with the Vice Chancellor, the possibility of a collaborative project with South Sudan government. CSPT and TN Veterinary University on Snake protection and conservation in Sudan was discussed. The VC welcomed the idea and assured to work on that. Dr. C. Arivazhagan, Deputy Director took him around the facilities of Chennai Snake Park.

RESEARCH SCIENTIST'S NOTE :

ANTIVENOM - A NEW PERSPECTIVE - Dr. K. Ramalingam, D.Sc.

As of now the poly-venom is the only available antibody drug to neutralize the snake venom toxin, and to treat the snake bite victims. The polyvalent antivenom or poly-venom is prepared from horses by injecting the minimum threshold level venom (attenuated) derived from the classic four venomous snakes viz., Cobra, Krait, Russell's viper and Saw scaled viper. Until now there is no other alternative antitoxin for envenomation-therapy.

Research investigations are being carried out, in recent years, to discover non-

antibody-oriented para specific chemicals/drugs, consequent to the observation that snake toxins cause extensive immunological cross reactivity to poly-venom i.e. toxin-specific antibodies. As long as regional and geographical differences exist among snake venom, it is bound to produce pathological consequences against the poly-venom of a specific regional landscape.

Non-antibody based antivenom drugs and/or repurposed generic drugs with pleiotropic effects may be the potential antidotes for the future years to come. Towards this line, the metal chelating EDTA, CaNa₂EDTA, metalloproteinase inhibitor drug like BATIMASTAT and clinical trials throw much light and hope to the designing of para-specifically active and effective venom antagonists.

Another drug Varespladib acts as PLA₂ inhibitor in vivo. It is of interest to mention that current research has demonstrated true antigenicity only in phospholipase A. However, it was observed as early as in 1928 that snake venoms contain twelve antigenic principles and venom antigenic diversity is not uncommon. A perusal of literature has revealed that the radiation spewed from the sunspot can cause mutation in the gene of antigens and new antigen may be formed by its antigenic drift/antigenic shift. Often the outbreak of new pandemic viruses is the outcome of antigenic drift/antigenic shift by the sunspot caused mutations. Some synthetic peptide inhibitors are known to neutralize the haemorrhage since the snake venom causes local haemorrhage and dermo-necrosis.

The corticosteroid drug Dexamethasone is well documented to relieve/suppress the myotoxin effects such as skeletal muscle damage, myonecrosis, haemorrhage and oedema.

Several plant bioactive flavonoids, triterpenoids, arjunolic acid have proved their efficacy in the neutralization of snake venom both in vitro and in vivo. Cutting edge research is urgently needed in this area by the researchers in herpetology in view of the WHO report that the real statistics of death rate due to snake bites envenomation goes to millions per annum. Combination treatment with para-specifically effective antagonistic drugs alongside polyvenom administration will prove to be a prudent strategy.

DIRECTOR'S NOTE :

During the month of July 2025, the Park witnessed about 21,344 Visitors comprising of 16,441 Adult and 4,903 Children's.

World Snake Day

Chennai Snake Park Trust celebrated the World Snake Day in grand manner on 16th July 2025 at ACCEPT Learning Centre, Dr. S. Paulraj, Executive Chairman, delivered the key note address. During his lecture, he highlighted the ecological importance of snakes. Dr. V. Kalaiarasan honored the chief guests Dr. S. Sathesh Kumar, Ph. D, Dean,

Faculty of Basic Sciences, Tamil Nadu Veterinary and Animal Sciences University (TANUVAS), Chennai & Dr. Sreekumar Chirukandoth, Ph. D, Professor and Head, Dept. Wildlife Science, TANUVAS, Chennai.

Dr. S. Sathesh Kumar, Ph. D released the Tamil version of Snake awareness Cartoon film “Snakes are Farmer’s Friends” and Dr. Sreekumar Chirukandoth released the English version of Snake awareness Cartoon film “Snakes are Farmer’s Friends.” The P.G students of Dept. of Zoology, Madras university present in the function greatly enjoyed the film. On the end of the program Dr. C. Arivazhagan, Deputy Director delivered the vote of thanks.

Feedbacks from Visitors

The visitors of the Chennai Snake Park who visited during July 2025 have given feedback in Google Business. Total 99 visitors reviewed and gave comments. Out of 99 visitors, 54 visitors have given 5star (54.54%), 28 visitors have given 4star (28.28%), 11 visitors have given 3star (11.11%), 3 visitors have given 2 star (3.03%) and 3 visitor gave 1star (3.03%). Few feedback pertains to the adjacent Children’s Nature Park.

BIOLOGIST’S NOTE :

The Students of Orchids International School visited the Chennai Snake Park on 30th July 2025. Around 205 students visited the park. Mirdhula Kamaraj, Biologist of Chennai Snake Park gave an interactive talk to the students and had a fun session with the students. Students were very much excited and interested to know about reptiles.

Students were very curious about the Reptiles of Chennai Snake park and found very excited in visiting the park.



Cartoon Film – Snake Awareness Cartoon film witnessed by the school students of SKB Vidyashram group of schools.



School Students were very excited to watch the Cartoon film on Snake Awareness- “Snakes are Farmer’s Friends” at Chennai Snake Park trust.

Few feedbacks are given below :



[Arpitha Tamilarasi](#)

Local Guide • 1 review • 0 photos

***** Yesterday **New**

Cure and lovely 😊



[Venkat Eashwaran](#)

0 reviews • 3 photos

***** 2 days ago **New**

good place [View full review](#)



[Anand kumar](#)

Local Guide • 4 reviews • 0 photos

***** 2 days ago **New**

Nice place for a family outing [View full review](#)



[Ken Walker](#)

Local Guide • 24 reviews • 53 photos

***** 3 days ago **New**

Small snake park, with most of them hiding from sight [View full review](#)



[Aditya Prasad](#)

Local Guide • 65 reviews • 140 photos

***** 4 days ago **New**

I recently visited the Chennai Snake Park, and it turned out to be a truly fascinating and educational experience.... [View full review](#)



[Has mukhi Baskar](#)

Local Guide • 119 reviews • 100 photos

*****4 days ago **New**

Place is so good, if looking for a calm place to enjoy with nature, highly recommended. Park is maintained well. [View full review](#)



[Sharan Raj Naragana](#)

Local Guide • 410 reviews • 45 photos

***** 5 days ago **New**

Can be maintained well [View full review](#)



[sAjin](#)

Local Guide • 23 reviews • 30 photos

***** 6 days ago **New**

Chennai Snake Park is a cool spot if you're into reptiles or just looking for something different to do. There are loads... [View full review](#)



[Nasir Ahmed](#)

Local Guide • 153 reviews • 41 photos

***** 6 days ago **New**

As of date affordable price and Good place to visit in Chennai [View full review](#)



[Niranjana Sundari Prem Kumar](#)

Local Guide • 275 reviews • 605 photos

***** 7 days ago **New**

Nicely improved [View full review](#)



[MAYUKHARDO](#)

Local Guide • 202 reviews • 164 photos

***** 7 days ago **New**

Visiting this place was really a different experience. I would love to visit this place once more [View full review](#)



[Jay Puri](#)

3 reviews • 0 photos

***** 1 week ago **New**

Nice environment. [View full review](#)



[Nihal N M](#)

Local Guide • 6 reviews • 25 photos

***** 1 week ago **New**

The experience was very nice . I saw so many types of snakes which were venomous and non-venomous. [View full review](#)



[Barvath Kumar](#)

Local Guide • 34 reviews • 15 photos

***** 2 weeks ago **New**

Must visit. [View full review](#)



[Gopinath vasuraj](#)

Local Guide • 46 reviews • 2568 photos

***** 2 weeks ago **New**

Not bad



[lucian albert](#)

Local Guide • 15 reviews • 2 photos

***** 2 weeks ago **New**

Ok but Snakes

There are few snakes Only

I Expected More But Few Only [View full review](#)



[SAMUDRA SAIKIA](#)

Local Guide • 14 reviews • 26 photos

***** 2 weeks ago **New**

Good



[SATHISH R](#)

Local Guide • 38 reviews • 32 photos

***** 2 weeks ago **New**

Ticket charge 20rs per head, and for mobile 10rs charge. Good place to explore.



[sdeb](#)

Local Guide • 33 reviews • 74 photos

***** 2 weeks ago **New**

Varieties of snakes at one place in pitchers [View full review](#)



[Rohit Gupta](#)

Local Guide • 183 reviews • 234 photos

***** 3 weeks ago **New**

super awesome and super informative especially for teens.



[Sakthivel N](#)

Local Guide • 18 reviews • 15 photos

***** 3 weeks ago **New**

Good place to visit inside Chennai and tickets are affordable. But maintenance is okay.



[Afiya Begam](#)

3 reviews • 0 photos

***** 3 weeks ago **New**

Good place to hangout

Wheel chair accessible also available [View full review](#)



[Pankaj Kabdwal](#)

Local Guide • 19 reviews • 59 photos

***** 3 weeks ago **New**

Different species of snakes are there. [View full review](#)



[Jagankumar E](#)

Local Guide • 170 reviews • 1371 photos

***** 3 weeks ago **New**

Chennai Snake Park – Informative and Fascinating Visit... [View full review](#)



[Bhavana N](#)

Local Guide • 22 reviews • 10 photos

***** 3 weeks ago **New**

Had a great time at the Snake Park with my friends! 🐍 It was fun, informative, and exciting to see so many different... [View full review](#)



[Sankara Lakshmanan](#)

Local Guide • 117 reviews • 0 photos

***** 3 weeks ago **New**

Real good place for family to walk around and talk and for kids to play in the shade



[Thanygai Prasanna](#)

Local Guide • 50 reviews • 42 photos

***** 4 weeks ago **New**

It has most species of snakes [View full review](#)



[Naveen Kumar Venkat](#)

Local Guide • 97 reviews • 54 photos

*****4 weeks ago **New**

Worth for 1 day spent



[Sohail Sir](#)

Local Guide • 17 reviews • 40 photos

***** 4 weeks ago **New**

Very very good collection very good quality also and very neat and clean Store



[Paul Andrews](#)

5 reviews • 0 photos

***** 4 weeks ago **New**

It's well developed than before many changes had happened inside the snake park it's totally good 100