



# TOXOCOON-15

## MADURAI

(Hybrid)



## XV ANNUAL NATIONAL CONFERENCE OF THE INDIAN SOCIETY OF TOXICOLOGY (IST)

THEME: Recent advancements & Newer Trends in Toxicology

SAVE THE DATE

### PRE CONFERENCE WORKSHOP

Snake bite & Toxicological Life Support Course

10<sup>th</sup> December, 2021

### CONFERENCE

11<sup>th</sup> & 12<sup>th</sup> December, 2021

Venue : Meenakshi Mission Hospital & Research Centre,  
Madurai



### Target Audience

Specialists, Residents of Forensic Medicine, Emergency Medicine, Critical care Medicine, General Medicine, Paediatric & General Physicians.

### Benefits of attending

- Lectures by Eminent Faculties
- Panel Discussion
- Best Poster Award (Jr. Faculty / Residents)
- Dr.Andre Best Paper Award (Jr. Faculty / Residents)
- Toxiquiz Contest



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## WHY YOU SHOULD ATTEND TOXOCON 15

- Learn and Update yourself in the management of Toxicological cases
- Direct Interaction with the experts and pioneers in the field of Toxicology
- Knowing the Latest protocols in the management of various poisoning cases
- Hands on workshop and Training
- Equip yourself for saving and management of poisoned patients
- Widen your knowledge horizon in the field of Toxicology
- Scope to collaborate & Create poison information centre



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## ORGANIZING COMMITTEE

### PATRONS

Dr. N.Sethuraman  
Dr. Ramesh Ardhnanari  
Dr. V.V.Pillay

Dr. S.Gurushankar  
Dr. S.Arulrhaj  
Dr. J.A.Jayalal

Dr. B.Kannan

### ADVISORY COMMITTEE

Dr. K.P.Gireesh Kumar  
Dr. P.Krishnamoorthy  
Dr. K.Sampathkumar

Dr. N.Maharajan  
Dr. K.S.Anand  
Dr. K.Kannan

Dr. N.Ganesan  
Dr. S.Kumar  
Dr. T.Mukuntharajan

### ORGANIZING CHAIRPERSON

Dr. Narendra Nath Jena

### SCIENTIFIC COMMITTEE CHAIRPERSONS

Dr. S.Senthilkumaran

Dr. Yash Javeri

### SCIENTIFIC COMMITTEE MEMBERS

Dr. T.P.Sreekrishnan  
Dr. S.Senthilkumar  
Dr. D.Kannan

Dr. V.Rajesh  
Dr. K.M.Senthilkumar  
Dr. L.Ayyappan

Dr. P.I.Alagammai  
Dr. G.Velkumar  
Dr. P.Praneetha

### ORGANIZING SECRETARIES

Dr. S.Karthikeyan  
Dr. David Deepak

Dr. D.Subbulakshmi

### JOINT SECRETARIES

Dr. P.Hema Sindhu

Dr. P.Kavia Kannan

### TREASURER

Dr. S.Prabhu

### REGISTRATION & SOUVENIR COMMITTEE

Dr. M.Sridhivya  
Dr. K.Vijeta  
Dr. J.Nancy

Dr. K.Saumya  
Dr. S.Sowmitha  
Dr. Devisai

Dr. R.Harsheni  
Dr. M.Vaishali

### WORKSHOP COMMITTEE

Dr. George Immanuel  
Dr. S.Abinav

Dr. K.K.Fazil  
Dr. R.J.Sujin

Dr. A.S.Vishnu  
Dr. G.Kasiram

### ARRANGEMENT COMMITTEE

Dr. M.Radha Krishnan  
Dr. S.M.Selva kamlesh  
Dr. Ibrahim Ali

Dr. G.Dinesh Giri  
Dr. J.Benin Jose  
Dr. B.Adrian Joseph

Dr. P.Sharma  
Dr. A.S.Manikandan

### ACCOMMODATION AND TRANSPORT COMMITTEE

Dr. M.Paul Timothy  
Dr. P.Karupaswamy

Dr. A.Siddarthan  
Dr. R.Sushith



## FROM THE DESK OF THE FOUNDER PRESIDENT

Indian Society of Toxicology



I am extremely happy to pen these few lines pertaining to TOXOCON-15 (the fifteenth annual national conference of the Indian Society of Toxicology) being organized by Dr Narendra Nath Jena and his dynamic team of the Department of Emergency Medicine of Meenakshi Mission Hospital & Research Centre, Madurai, Tamil Nadu.

I am confident that under the able guidance and supervision of Dr.Jena, TOXOCON-15 will be a grand success. The theme of the conference (Recent Advancements and Newer Trends in Toxicology) is both unique and relevant, especially to toxicologists, medical professionals and students working or studying in hospitals and clinics across India. I am impressed by the galaxy of experts lined up as speakers for the conference, which includes some world renowned experts.

I am sure that TOXOCON-15 will be every bit as useful, enlightening and entertaining as its predecessors!

Best wishes,

**V.V. Pillay**

Founder President

Treasurer

Indian Society of Toxicology



## FROM THE DESK OF THE ORGANIZING COMMITTEE



Dear Friends,

**Vanakkam!**

The 15th annual national conference of the Indian Society of Toxicology TOXOCON-15 (Hybrid) will be held on 10<sup>th</sup>, 11<sup>th</sup> & 12<sup>th</sup> December 2021 in Madurai. The theme of TOXOCON-15 is 'Recent Advancement & Newer Trends in Toxicology'. This conference will focus on Emergency Toxicology, Critical Care Toxicology, General Toxicology, Forensic Toxicology and Analytical Toxicology, as we know that clinical knowledge in Toxicology has become a mandatory skill for clinicians with the increase in poisoning cases in India.

The organizing committee is happy to inform you that most of the National faculties, who have expertise in Toxicology, have confirmed their participation in the conference. They are glad to share their experience and clear our queries. We will have panel discussions, Paper and Poster presentations, Quiz and didactic lectures. There will be live debates on the updates and advancements of Toxicological Science and stimulating questions.

The temple city Madurai has some great historic treasures. Popularly known as the Athens of the East, it is located at the bank of river Vaigai. The city has the famous Meenakshi Amman Temple, Thiruparakundram Temple - one of the six abodes of Lord Murugan, C.S.I Cathedral Church which is built in the shape of fish reflecting the symbol of Pandya dynasty. Numerous historical monuments like Thirumalai Nayak Mahal and Gandhi Museum are within close proximity of the city. Kodaikanal, the princess of hills is just 120 km and Rameshwaram, one of the holiest Hindu Char Dham is 160 km from Madurai. The city is well-connected by air, rail and road transports.

So, I hope that all the participants will experience TOXOCON-15 as a great opportunity to interact, to educate and to initiate the best possible Clinical practices in Toxicology. Please join us and contribute to the enhancement of knowledge in Toxicological Science. I wish you all the best. Stay safe and healthy.

With best regards,

**Dr. Narendra Nath Jena**

Organizing Committee Chairperson, TOXOCON-15



## FROM THE DESK OF THE SCIENTIFIC COMMITTEE CHAIRPERSONS

Toxocon-15 is a thematic conference that will provide unique opportunities to learn about various aspects of Toxicology. This event gathers all the eminent toxicologists, forensic experts, emergentologists intensivists and other allied specialists from across the country to exchange their ideas, researches, and their experiences. It also brings together persons particularly interested in myriad toxicology aspects including forensic, analytical, and clinical toxicology. It provides a platform for poster programs of general papers and symposia on special topics dealing with this field of Toxicology. This event with poster and stage presentation for selected abstracts will emphasize the importance of research in Toxicology. The event will facilitate opportunities for networking, collaboration and exchange of ideas with renowned leaders in Toxicology.

The carefully chosen theme -Recent advancements and newer trends in toxicology will help us handpick the most updated research for the scientific feast. Toxocon-15 aims to close the knowledge gaps in the management of toxicology patients. The presentations portray bedside science and integrate research to date. Carefully chosen topics will help you translate recent science into practice.

Toxocon-15 endeavors to raise the quality bar in practice, research and education of toxicology in this part of the world. Come and join us in the temple city of Madurai. There is no dearth of things to see in Madurai and you can explore the city the way you like.

Sharing of knowledge opens our appetite for more...



### **Dr. S. Senthilkumaran**

Sr. Consultant & Head,  
Emergency and Critical Care,  
Manian Medical Centre, Erode.

### **Dr. Yash Javeri**

Sr. Consultant & Head, Critical Care,  
Anesthesia & Emergency Medicine,  
Regency Super Specialty Hospital - Lucknow





## MESSAGE FROM PRESIDENT - IST



Greetings. I am very glad to know that IST is organizing the prestigious TOXOCOCON-15 at Meenakshi Mission Hospitals, Madurai In December 2021. First I would like to congratulate Dr. Narendra Nath Jena and his team for taking up this challenge during the pandemic. It is the vision of Prof Dr. V.V. Pillay (founder president IST) to have a forum like this to discuss various aspects of Toxicology. As the President of IST for the last 2 years we have tried to promote educational activities via online platforms. I would like to thank each member of the society for your constant support. I wish the new team all the best for their future endeavours.

Best wishes,

**Dr. GIREESH KUMAR. K**

Prof. & Head of Department of Emergency Medicine,  
Amrita Institute of Medical Science, Kochi



## MESSAGE FROM SECRETARY - IST



Greetings. I am very happy to know that Toxocon 15 is happening this December in a Hybrid mode under the leadership of Dr.Narendra Nath Jena, Head, Department of Emergency Medicine, Meenakshi Mission Hospitals Madurai. We all are very excited to participate in the most authentic Toxicology conference conducted by the Indian Society of Toxicology. I would like to have special mention of my teachers Dr.Gireesh Kumar K. P(President IST) and Dr. V.V. Pillay (Founder President IST) for the services they have rendered to the field of Toxicology in India. With the ongoing pandemic, as the secretary of IST for the last couple of years, I have tried everything from my side possible to contribute to our society with the help of each one of you. At this outset, I would like to thank each member of the society for their constant support towards various activities conducted by our society. My hearty wishes to the new office bearers of IST and I wish Toxocon-15 a grand success.

Best wishes,

**Dr. T.P.SREEKRISHNAN**

Consultant

Department of Emergency Medicine,  
Amrita Institute of Medical Sciences, Kochi.





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## WORKSHOP SCHEDULE

10<sup>TH</sup> DECEMBER -2021

TIME	CONTENT
08.00 - 09.00	Registration
09.00 - 12.00	<b>Workshop on Snake bite</b> <ul style="list-style-type: none"><li>• Identifying Venomous snake</li><li>• Identifying Syndrome</li><li>• Presentation of Trouble Shooting Complex<ul style="list-style-type: none"><li>✓ Unknown Bite</li><li>✓ Applying Tourniquets &amp; Splinting</li><li>✓ Scorpion vs Snake</li><li>✓ How to identify snake bite marks? No Bite Marks</li></ul></li><li>• ASV administration</li><li>• Anaphylaxis Management</li><li>• Management of envenomation by snakes</li><li>• Airway Management in Snake Bite</li></ul>
12.00 - 12.05	Session sum up
12.05 - 12.15	Tea Break
12.15 - 01.15	Toxicological Life support Course Presentation
01.15 - 01.20	Session sum up
01.20 - 02.00	Lunch Break
02.00 - 05.30	<b>Workshop on</b> <ul style="list-style-type: none"><li>• Airway management - Basic &amp; Advanced</li><li>• Arrhythmia Management</li><li>• Decontamination - Gastric Lavage</li><li>• Charcoal - Preparation, Indication &amp; Administration</li><li>• Cardiac arrest - BLS</li><li>• Antidotes</li></ul>
05.30 - 06.00	Post test & Certificate Distribution



**DR. PRIYANKA KADAM**

President & Founder,  
Snake Bite Healing and Education Society  
(SHE INDIA ORG)  
Maharashtra, India.



**DR. FRESTON MARC SIRUR**

Assistant Professor,  
Department of Emergency Medicine,  
Kasturba Medical College,  
Manipal, India.



**DR. YASH JAVERI**

Sr.Consultant & Head, Critical care,  
Anesthesia & Emergency Medicine,  
Regency Super Speciality Hospital  
Lucknow.



**DR. DEBASIS DAS ADHIKARI**

Professor,  
Dept of Paediatrics,  
Christian Medical College,  
Vellore.



**DR. T.P.SREEKRISHNAN**

Consultant  
Department of Emergency Medicine,  
Amrita Institute of Medical Science,  
Kochi.

& OTHERS



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## PROGRAM SCHEDULE

### DAY 1 - 11<sup>TH</sup> DECEMBER 2021

TIME

TOPIC

#### EMERGENCY TOXICOLOGY

09.00 - 09.20	General Approach in Toxicology - How is it different ?
09.20 - 09.40	ECG's in Toxicologic Emergencies
09.40 - 10.00	Something old, Something new in Snake bite
10.00 - 10.20	When to Lavage and when not ?
10:20 - 10.40	Charcoal Hemoperfusion & RRT in Toxicology
10.40 - 10.45	Session sum up & Change Over
10.45 - 11.00	Tea Break and Sponsor Commercial Presentation

#### CRITICAL CARE TOXICOLOGY

11.00 - 11.20	Acid Base Balance in Toxicological Patients
11.20 - 11.40	Cardiotoxicant in poisoned patients - still a challenge for clinical toxicologists
11.40 - 12.00	Utility of ECMO in poison patients
12.00 - 12.20	Intra Lipid Emulsion therapy
12.20 - 12.40	Poisoning induced circulatory failure
12.40 - 01.00	Toxic tales from resus room
01.00 - 01.05	Session sum up & Change Over
01.05 - 01.30	Lunch Break

#### OCCUPATIONAL & ENVIRONMENTAL TOXICOLOGY / FORENSIC TOXICOLOGY / POISON CENTRE

01.30 - 01.50	Newer drugs of abuse
01.50 - 02.10	Industrial Toxins
02.10 - 02.30	Bridge between forensic toxicology and medical toxicology
02.30 - 02.50	Telemedicine in India: Regulations and Legal aspects
02.50 - 03.10	Challenges and prospects of Poison control system in India: Lessons from a Poison Control Center
03.10 - 03.15	Session sum up & Change Over
03.15 - 03.30	Tea Break and Sponsor Commercial Presentation



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## PROGRAM SCHEDULE

### DAY 1 - 11<sup>TH</sup> DECEMBER 2021

TIME	TOPIC
<b>OBG/ PSYCHIATRY</b>	
03.30 - 03.50	Poisoning in pregnancy
03.50 - 04.10	Psychiatric issues in Toxicology
04.10 - 04.15	Session sum up
04.15 - 05.00	<b>INAUGURATION</b>
07.00 - 08.00	<b>PGDMT CONVOCATION</b>

### DAY 2 - 12<sup>TH</sup> DECEMBER 2021

TIME	TOPIC
<b>PEDIATRIC TOXICOLOGY</b>	
09.00 - 09.20	Mistakes you do not want to make in tox pediatric patients
09.20 - 09.40	Trends in Pediatric poisoning
09.40 - 10.00	Crashing tox child – Golden hour management
10.00 - 10.20	The Toxic House: Dangers in Your Garage & Cabinets
10.20 - 10.25	<b>Session sum up &amp; Change Over</b>
10.25 - 10.30	Tea Break and Sponsor Commercial Presentation
10.30 - 11.15	Education and training in toxicology - Past, Present & Future President orientation
11.15 - 11.35	Cocaine Intoxication
11.35 - 11.55	Beta blocker and Calcium channel blocker
11.55 - 12.15	Toxic induced Kidney Injury
12.15 - 12.35	Toxic induced Liver Injury
12.35 - 12.40	Session sum up & Change Over
12.40 - 01.15	<b>Lunch Break and Sponsor Commercial Presentation</b>
01.15 onwards	Quiz / Paper presentation / Poster presentation @ Hall 2
03.00 - 04.00	Panel Discussion
04.00 - 05.00	Prize Distribution & Valedictory Function



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## ABSTRACT

### **ABSTRACT FOR PAPER AND POSTER PRESENTATION FOR TOXOCON – 15, MADURAI**

The scientific committee invites abstract for paper and Poster presentations for TOXOCON-15, Madurai.

### **ABSTRACTS SUBMISSION GUIDELINES**

The abstract must be structured, typed in English using MS- Word format with double spacing and Times New Roman(font size 12). Title should be in upper case (font size 14) . Abstract should not exceed 400 words and must be followed by 3-5 key words. The name of authors and affiliations should follow immediately under the Title, highlighting the name of the presenting author. DO NOT include degrees or professional designation. Only one paper/Poster presentation per delegate is permitted. Final decision regarding the type of presentation (paper/poster) rests with the scientific committee. Details for paper/Poster presentation will be informed to participants along with acceptance letter.

### **INSTRUCTIONS FOR ABSTRACT PREPARATION**

Please read the instructions carefully before starting to submit your abstract. All abstracts must be submitted in English and must be submitted electronically. Therefore, no paper abstracts will be accepted. Abstracts not prepared correctly will not be considered for reviewing

1. LANGUAGE: Abstract must be typed and presented in English
2. WORD LIMIT: The abstract must be written within 500 words. Excluding title, and the names of the author (s) and their institutions
3. CONTENT: The submitted abstracts must contain the following:
4. Objectives: State the main objective of the study
5. Materials and methods: Briefly describe the design of the study and how it was conducted
6. Results: Present the main results with appropriate statistics
7. Conclusion: Limit the conclusions to those that are directly supported by the results.



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### ABSTRACT

8. **TITLE:** The title of the abstract must be typed in CAPITAL LETTERS with the exception of scientific names, which should be in upper and lower case forms and italicized.
9. **PRESENTING AUTHOR DETAILS:** The presenting author's name must be underlined and must be in CAPITAL LETTERS
10. The presenting author's name, institution, address, telephone and email address must be provided. Presenting authors must be registered for the conference. Only Registered delegates will be allowed to present.

#### **PAPER PRESENTATION CRITERIA**

Presentation should be 7min duration only and to be in Microsoft Power Point format.

#### **POSTER PRESENTATION CRITERIA**

Project content has to be put on a vertical POSTER of size 48" (height) \* 36" (width). Height may be lower, but width should not exceed 36". Speakers will have 7 minutes duration to present their contents to the judges.

#### **RANKING CRITERIA**

There will be negative marking for crossing time limit and if any promotional / commercial content is present in any presentation.

Best paper/Poster in Faculty and PG category will be awarded separately. Please note that paper/poster presentation slots are limited due to Covid. First come first basis.

**Last date of submission**  
**15th November, 2021**

**Intimation of acceptance**  
**20th November 2021**

Must be submitted by e-mail only : [toxococon15@gmail.com](mailto:toxococon15@gmail.com)

## CONFERENCE REGISTRATION FEES

### Early bird registration (Till November 15th, 2021)

- Delegate - Rs.5500/-
- IST Member - Rs.4500/-
- Post graduate student - Rs.3500/-

### From 16th November, 2021

- Delegate - Rs.6000/-
- IST Member - Rs.5000/-
- Post graduate student - Rs.4000/-

### Pre conference workshop registration - Rs.1000/-

Toxicological Life Support Course  
Max 30 person only. (First come first basis)

### On spot registration - Rs.6500/-

### Virtual registration - Rs.1000/-

### Foreign Delegates - USD 100

Registration fees include registration kit, meals and snacks.  
Delegate's are requested to arrange travel & accommodation on their own.

### BANK DETAILS

Account Name : TICEM  
Bank Name : State Bank of India  
A/C No. : 39950528860  
Branch : PBB Madurai  
Branch code : 04331  
IFSC CODE : SBIN0004331

**Delegate's numbers are restricted due to COVID protocol. Registration will be confirmed first come first basis.**

### For any information regarding registration please contact:

Dr. Subbulakshmi - 9715983300

Dr. Hema Sindhu - 9492063791

Dr. Nancy Saral Mary - 7373025257

Email : [toxocn15@gmail.com](mailto:toxocn15@gmail.com)



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### REGISTRATION FORM

Delegates are requested to fill the registration form. (one form applicable to one delegate only). Kindly send the filled registration form along with payment proof/ demand draft). Please complete the below form on CAPS.

Name .....

Address .....

Mobile ..... Email id .....

Delegate type (specify) .....

Amount Paid ..... for the Purpose of .....

Cheque/DD number/ online transaction (ref.no.) .....

Date ..... Acknowledgement .....

Kindly forward the filled registration form to the below address / whatsapp : 73730 25257

### Conference Secretariat - TOXOCON 15

**Dr. Narendra Nath Jena** (Organizing Chairman)

Institute of Emergency Medicine,

Meenakshi Mission Hospital and Research Centre,

Lake Area, Madurai - 625107, Tamilnadu, India.

**Mob. : 99443 84994**

**Email : [toxocn15@gmail.com](mailto:toxocn15@gmail.com)**