

Sree Narayana College Chengannur  
Alapuzha, Kerala

Estd:1981



## DEPARTMENT OF ECONOMICS, SREE NARAYANA COLLEGE CHENGANNUR

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## THE TAMIL NADU DR AMBEDKAR LAW UNIVERSITY (TNDALU), CHENNAI

in collaboration with

## NATIONAL INSTITUTE OF DISASTER MANAGEMENT MINISTRY OF HOME AFFAIRS, GOVT. OF INDIA

Jointly Organize an online Three day National Training Program on

## “VENOM HAZARD MANAGEMENT AND BEST PRACTICES”

**Date: 11<sup>th</sup>, 12<sup>th</sup> & 13<sup>th</sup> August 2021**

**Timings: 2.30 pm to 4.30 pm**

**Inaugural Session**

**Technical Sessions**

**Inter disciplinary Forums**



*Prof (Dr) N S Santhosh Kumar*  
*Vice Chancellor,*  
*TNDALU, Chennai*

*Maj Gen Manoj Kumar Bindal*  
*Executive Director,*  
*NIDM, New Delhi*

*Smt. Shereen K*  
*Principal SN College*  
*Chengannur*



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from Corona**



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Properly**



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Regularly**



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Distancing**

## About the training programme

The broad phases of social science encompass lives, livelihood, ecology and indigenous knowledge of the society. In the process of nurturing human life with in the diversified ecology and environment, perceptions on health economics more particularly, antivenom management becomes a live topic of discussion. The programme mainly conceived to deal with all the relevant economic aspects of venom hazard management including traditional ecological knowledge on antivenom hazard management in the society, economic evaluation of antivenom production and its distribution, related health care and livelihood initiatives for the sustainable development of the economy.

### Training Programme- Broad Themes

- Antivenom as a life Saving and livelihood Initiatives.
- Cost Benefit Analysis of Antivenom Initiatives in Public life.
- Health Economic Perspectives of Antivenom Initiatives.
- Transmission of Traditional Ecological knowledge into knowledge Economy.
- Venom observation knowledge and public psychology
- Mental health conditions after a snakebite and Delayed Psychological Morbidity Associated with Snakebite Envenoming.
- Venomous organisms and ecology environmental relation.

## S N College Chengannur

Sree Narayana College Chengannur is a prominent academic institution established in the year 1981 which is affiliated to the university of Kerala (NAAC accredited with Grade B). College named after the great visionary and social reformer sreenarayana guru has adhered to the ideals of guru and has become a frontrunner in nurturing the higher education needs of the rural community in its vicinity. Magnificent and diverse campus atmosphere imbibes cultural and pluralistic values to our student community and mould them as a community of students committed to the pursuit of truth and moral excellence. The college offers both Under Graduate and Post Graduate courses in various Disciplines of Arts, sciences and commerce and has produced innumerable outstanding students who has successfully placed in various walks of life. Our faculties have undertaken various funded research projects by University Grants Commission.

Department of Economics is one of the pioneering departments in the institution. The department offers BA,MA programmes in Economics. Other than teaching assignments, the department is also involved in academic and research activities such as conducting workshops and seminars. With the induction of Post Graduate degree in Behavioural Economics and Data Science Students with diverse career dreams aspire to be part of the department.

## The Tamil Nadu Dr Ambedkar Law University (TNDALU), Chennai

The Government of Tamil Nadu by Act of State Legislature (Act 43 of 1997) established the Tamil Nadu Dr. Ambedkar Law University for the advancement and dissemination of knowledge in learning, teaching and research in the field of law. The University is recognized by the Bar Council of India (BCI) and University Grants Commission (UGC) (Sec. 2f and 12b of the UGC Act.). This University is an affiliating University with 14 Government law colleges and 2 private law colleges in the State of Tamil Nadu.



The School of Excellence in Law (SOEL) is situated at M.G.R. Salai, Near Taramani [ MRTS ] Railway Station, Perungudi, Chennai. Under the broad canopy of SOEL, the Law University is offering Five Years integrated B.A. LL.B (Hon's), B.Com. LL.B. (Hon's), B.B.A LL.B. (Hon's), B.C.A. LL.B. (Hon's), and Three Years LL.B. (Hon's) as part of its Under Graduate Courses and LL.M., Degrees in Nine branches as part of its Post Graduate Courses. The Research wing is offering Ph.D. in Law and Inter – Disciplinary studies both Full-time and Part-time. At present, there are 10 departments in SOEL with well qualified and experienced faculty members catering to the academic needs of the students pursuing different courses that are offered. The University is striving to offer quality legal education under the stewardship of the Hon'ble Vice-Chancellor, Prof. Dr. N.S. Santhosh Kumar

### **National Institute of Disaster Management. (NIDM), New Delhi**

The National Institute of Disaster Management (NIDM) was constituted under an Act of Parliament with a vision to play the role of a premier institute for capacity development in India and the region. The efforts in this direction that began with the formation of the National Centre for Disaster Management (NCDM) in 1995 gained impetus with its redesignation as the National Institute of Disaster Management (NIDM) for training and capacity development. Under the Disaster Management Act 2005, NIDM has been assigned nodal responsibilities for human resource development, capacity building, training, research, documentation and policy advocacy in the field of disaster management. Both as a national Centre and as a national Institute, NIDM is performing a crucial role in bringing disaster risk reduction to the forefront of the national agenda. The Institute believes that disaster risk reduction is possible only through promotion of a "Culture of Prevention" involving all stakeholders. The Institute works through strategic partnerships with various ministries and departments of the central, state and local governments, academic, research and technical organizations in India and abroad and other bi-lateral and multi-lateral international agencies



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# Patrons



**Maj Gen Manoj Kumar Bindal**  
Executive Director,  
NIDM, New Delhi



**Prof (Dr) N S Santhosh Kumar**  
Vice Chancellor,  
TNDALU, Chennai



**Smt. Shereen K**  
Principal SN College  
Chengannur



**Training Programme Director**  
Prof (Dr) K S Sarwani  
Professor, TNDALU



**Organizing Secretary**  
Smt. Sreedevi Gopalakrishnan  
HOD, Dept of Economics  
SNCC

## Coordinators



**Dr S K Asok Kumar**  
Librarian  
The Tamil Nadu  
Dr Ambedkar Law University



**Dr. Ajinder Walia,**  
Assistant Professor  
NIDM, New Delhi



**Smt Vani Jayadevan**  
Assistant Professor  
Dept of Economics  
SNCC

# Inaugural Session

Date : 11<sup>th</sup> August, 2021

Time : 02:30 PM

<b>Welcome Address:</b>	<b>Smt. Sreedevi Gopalakrishnan (HOD, Dept of Economics, SNCC)</b>
<b>Inaugural Address:</b>	<b>Smt.Shereen K (Principal, SN College, Chengannur)</b>
<b>Felicitations:</b>	<b>Prof (Dr) K S Sarwani Professor, The Tamil Nadu Dr Ambedkar Law University, Chennai</b>
<b>Felicitations:</b>	<b>Dr.Ajinder Walia, (Assistant Professor,NIDM, New Delhi)</b>
<b>Vote of Thanks:</b>	<b>Smt. Vani Jayadevan (Assistant Professor, Dept of Economics, SNCC)</b>



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## Technical Sessions

Day 1: 11-08-2021, 2.30pm

**Session 1: Dr. Dileepkumar. R**  
**Chairman,**  
**Indriyam Biologics Pvt Ltd,**  
**Kerala**



**Session 2: Mr. Gnaneswar Ch**  
**Project Coordinator**  
**Snake Conservation &**  
**Snakebite Mitigation**



Day 2: 12-08-2021, 2.30 pm

**Session 1: R R Senji Laxme**  
**PhD Scholar**  
**Indian Institute of Science, Bangalore**



**Session 2: Dr V V Pillay**  
**Chief at Poison Control Centre, and**  
**Professor & Head,**  
**Forensic Medicine & Toxicology,**  
**AIMS, Cochin, Kerala**



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## Technical Sessions

Day 3; 13-08-2021, 2.30pm

**Session 1:** Dr S.R.Chandramouli  
Department of Ecology &  
Environmental Sciences,  
Pondicherry University



**Session 2:** Mr.Jose Louies  
Deputy Director  
World wildlife Trust of India



**Session 3:** Dr Haritha Devi  
Research Director  
The Tamil Nadu Dr Ambedkar  
Law University, Chennai



**Session 4:** Dr P Sakthivel  
Assistant Professor ( S G)  
The Tamil Nadu Dr Ambedkar  
Law University, Chennai



**Rapporteurs Account :** Dr. Shamna T C  
Guest Faculty, Department of Economics, SNCC

**Vote of thanks** : Mr S Jyothish  
Guest Faculty, Department of Economics, SNCC





## Registration URL

<https://training.nidm.gov.in>

Register in the above link and enrol in the program from the list.

7	Online Training on Content Orientation Programme on CCDRR	11-08-2021 - 13-08-2021 2:00pm - 4:00pm	Tripura [TR]	State Institute of Public Administration and Rural Development	<a href="#">Enroll Now</a>
8	Online Training on Venom hazard management and best practices	11-08-2021 - 13-08-2021 2:30pm - 4:30am	Kerala [KL]	Sree Narayana College Chengannur P.O. Chengannur	<a href="#">Enroll Now</a>
9	Online Training on Post Disaster Needs Assessment	11-08-2021 - 13-08-2021 11:00am - 1:00pm	Punjab [PJ]	Mahatma Gandhi State Institute of Public Administration	Participants by Invitation Only
10					

- E-Certificates will be issued only to the registered participants
- Three day attendance is mandatory for receiving the participation certificate

For Queries and Feedback  
[sncwebinar21@gmail.com](mailto:sncwebinar21@gmail.com)

## Faculty -Coordinators



**Mr. Rahul Reghu**  
Asst Professor  
The Tamil Nadu Dr Ambedkar  
Law University



**Dr. Shamna T**  
Guest Faculty,  
Department of Economics,  
SNCC



**Mr. Jyothish S**  
Guest Faculty  
Department of Economics  
SNCC

## **SREE NARAYANA COLLEGE, CHENGANNUR**

### **Dept. of Economics**

#### **Three day National online training programme on “*Venom Hazard management and Best Practices*”, 11 to 13 August, 2021**

### **REPORT**

The Dept. of Economics, Sree Narayana College, Chengannur, and The Tamil Nadu Dr. Ambedkar Law University, Chennai in collaboration with National Institute of Disaster Management, Ministry of Home Affairs, Govt. of India had conducted a three day National Online training programme on “*Venom Hazard management and Best Practices*” from 11 to 13<sup>th</sup> August, 2021.

In the very outset of the programme, the welcome address was delivered by Smt. Sreedevi Gopalakrishnan, HoD, Dept. of Economics, Sree Narayana College, Chengannur. Subsequently, the inaugural address was made by the honorable Principal, Smt. Shereen K, Sree Narayana College, Chengannur. Further, the felicitation was conveyed by Prof. (Dr.) K S Sarwani, The Tamil Nadu Dr. Ambedkar Law University, Chennai and Dr. Ajinder Walia, Assistant professor, NIDM, New Delhi and Smt. Vani Jayadevan, Assistant Professor, Dept. of Economics, Sree Narayana College, Chengannur expressed the vote of thanks.

Inaugural session was followed by the technical sessions where in all the participants had the opportunity to listen to eminent panelists affiliated to reputed academic institutions and research centers from different parts of our country.

The technical sessions started with the presentation of Dr. Dileep Kumar R, Chairman of Indriyam Biologics Pvt. Ltd. Through his presentation, he gave the participants a brief introduction regarding the snake types, classification and its venom. He detailly discussed how snake prevent prey for escaping, the process of anti -snake venom and its preservation. He articulated the issues related to mismanagement by citing a case study of snake bite occurred in Wayanad district of Kerala where the victim lost her life , in addition to it he had suggested the timely action plan to counter this particular incident.

The second session was handled by Mr. Peter Christopher. He provided a clear-cut distinction between different snake species and their diversified characteristics. Through his presentation he also provides valuable suggestions in confronting snake bite. He also stressed upon various provisions under the wildlife protection Act, 1972 which makes the killing of snake a punishable offence

Second day of the training programme, started with lecture of Miss. R R Senji Laxme, Ph.D. Scholar, IISC, Bangalore. She had discussed about the complications of snake bite in human body and the production of commercial Indian Antivenom were borrowed from Tamil Nadu. In her presentation, she stressed that venom will vary between the species as well as within the species and it also varies upon the life style of snake. She discussed the clinical and economic repercussions by pointing out that the increase in number of vials would increase the cost of treatment and it will ultimately become a financial burden for the poor families. She also asserted certain solutions for this from her study ie., through the better understanding of venom and better antivenom manufacturing strategies etc.

After that Dr. VV Pillai, Chief at poison control center and Professor of Forensic Medicine and Toxicology, AIMS, Cochin, Kerala has made his presentation. He mainly focused on the treatment protocols associated with snake envenomation. He started his session with a brief introduction about different types of venomous and non- venomous snakes, its identification and treatment protocols associated with it. He had also provided information about other venomous organisms in our ecology and the risk related to it.

Third day of the training programme, begins with the session was handled by Dr. S R Chandramouli from Pondicherry University. He discussed the major identifying features of venomous and non- venomous snakes. He shared the information and concern that India is a country which is prone to high number of snake bites and related issues every year especially in rural areas.

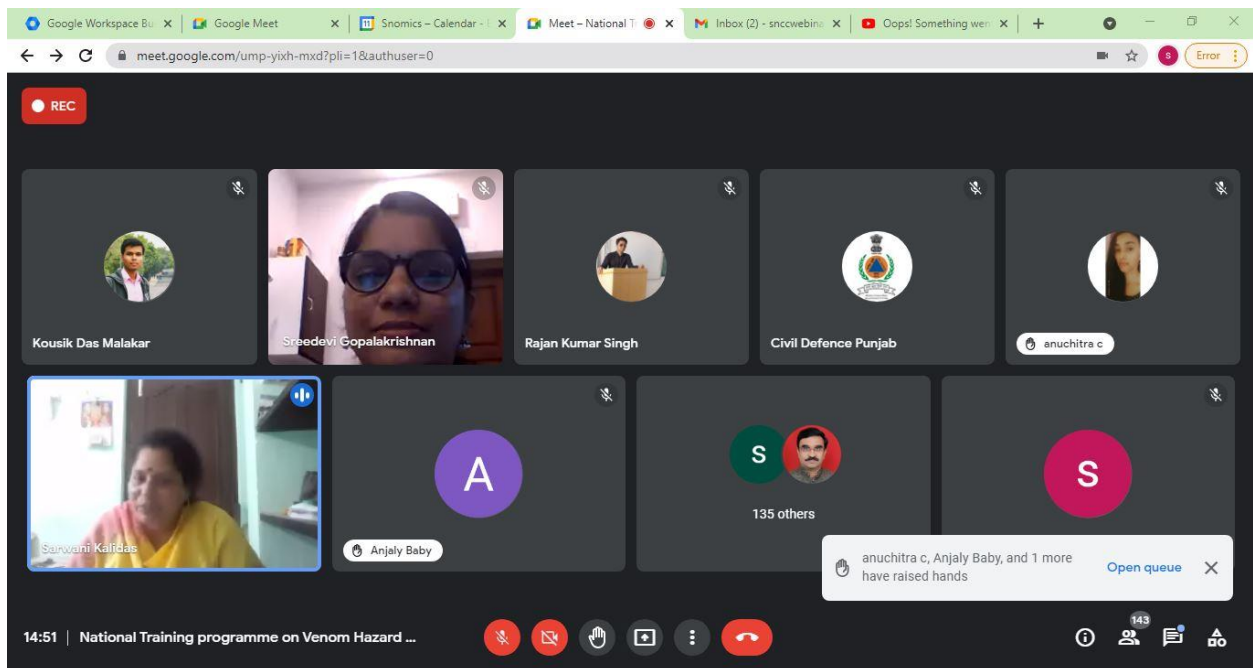
Next session was handled by Dr. Haritha Devi, Research Director, The Tamil Nadu Dr Ambedkar Law University, Chennai. Her lecture mainly focusses on the legal provisions in transmitting the traditional ecological knowledge into knowledge economy and she argues that assigning intellectual property rights will empower the indigenous community. She emphasized

the importance of traditional knowledge in the treatment of snake bite and its documentation would be beneficial to the mankind and it can also be monetized.

Further, lecture was given by Dr. P Sakthivel, Assistant Professor from The Tamil Nadu Dr Ambedkar Law University, Chennai. The central point of discussion was on the health economic and policy perspectives of antivenom initiatives. He opined that the socio- economic conditions of the patients due to snake bite will be reflected on the treatment cost and it will have a long-term impact on the health and ability of survivors at work. He criticized that national health policy, 2017 didn't have a mention about the specificity of venom/ snake bite even in rural areas and specific health issues including treatment of venom.

The final presentation of the training programme was made by Mr. Jose Louise, Deputy Director from World wildlife Trust of India. The focus of his lecture was to incorporate technology in delivering information regarding snake bites, its nature and mitigation. He introduced a mobile app, 'SARP' for tracing out the incidence of snake bite and related rescue measures.

The three day training programme on “*Venom Hazard management and Best Practices*” ends with the subsequent valedictory session which includes rapporteurs report and vote of thanks.



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REC

Milind Salunke Vani Jayadevan shamna madhavan Civil Defence Punjab anuchitra c

ajinder walia Anjaly Baby 138 others

anuchitra c, Anjaly Baby, and 1 more have raised hands [Open queue](#)

14:58 | National Training programme on Venom Hazard ...

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REC Indriyam Biologics is presenting

*The World of Snakes*

Indriyam Biolo... anuchitra c Civil Defence P... Haritha Heman... Anjaly Baby Milind Salu... shamna madha... 154 others You

anuchitra c, Anjaly Baby, and 1 more have raised hands [Open queue](#)

15:04 | National Training programme on Venom Hazard ...

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Civil Defence Punjab

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Milind Salunke

Anjaly Baby A

128 others S

anuchitra c, Anjaly Baby, and 1 more have raised hands Open queue X

14:53 | National Training programme on Venom Hazard ...

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Milind Salunke

Sreedevi Gopalakrishnan

ajinder.walia a

Civil Defence Punjab

anuchitra c

shamna madhavan

Anjaly Baby A

140 others S

Shobana D Thank you madam

anuchitra c, Anjaly Baby, and 1 more have raised hands Open queue X

14:58 | National Training programme on Venom Hazard ...

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# Spectacled Cobra



36. Parithika Devi. B has left the meeting

Participant list:

- Peter Christo...
- Milind Salu...
- Hi Ng
- vishnu S
- Civil Defence P...
- Haritha Heman...
- Arya B
- 138 others
- You

Milind Salunke has raised a hand [Open queue](#)