

# NATIONAL CONFERENCE

ON

TECHNOLOGIES FOR MITIGATION OF DISEASE VECTORS  
AND OTHER JUNGLE HAZARDS

**15th - 16th October 2025**



**Organized by**  
**DEFENCE RESEARCH LABORATORY (DRL)**  
**DEFENCE R&D ORGANISATION (DRDO)**  
**MINISTRY OF DEFENCE**  
**TEZPUR - 784001, ASSAM**

# INVITATION

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We are pleased to invite you to the upcoming National Conference on “Technologies for mitigation of disease vector and other jungle hazards” being organized by Defence Research Laboratory (DRL), DRDO, Ministry of Defence, Govt. Of India, Tezpur on 15<sup>th</sup> & 16<sup>th</sup> October 2025.

## ABOUT THE CONFERENCE

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Survival and sustenance in difficult jungle terrain has always been a challenge. It requires multifactorial approach like securing food, water & shelter, protection from vector & vector-borne diseases, predators and poisonous reptiles. In addition to these, it requires a deep understanding of nature, resourcefulness, and the ability to adapt rapidly to the environment. Technologies and knowledge to mitigate such hazards are required in order to survive in such an environment. The conference will try to assimilate traditional practice and knowledge along with modern day technologies on how to overcome these basic jungle hazards particularly from armed forces application perspective.

## THEME

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**“Technologies for mitigation of disease vector and other jungle hazards”**

### SUB THEMES

1. Epidemiology & management of Vector & Vector-borne diseases
2. Novel drugs, repellents and diagnostics for management of vector-borne diseases
3. Bioprospecting natural flora and fauna for defence application
4. Advanced technologies for survival and sustenance in jungle terrain



## Scope of the Sub-Themes

Epidemiological studies of vector and vector-borne diseases, Transboundary vector-borne zoonotic diseases, Novel vector repellents & insecticides, Advanced molecular and immunological diagnostics, Technologies for management of disease vector in limited-resource settings, Utilization of local flora and fauna for survival and sustenance, Traditional remedies against jungle hazards, amelioration of water quality in resource-poor settings, Technologies for personal protection in jungle scenario

## CALL FOR PAPERS

### Guidelines for submission of abstracts

The abstract should be limited to 250 words and should be in the format as below:

**Title:** MS Word, Arial font (size 16 points) in single spacing

**Author(s):** MS Word, Arial font (size 14 points) in single spacing

**Affiliation:** MS Word, Arial font (size 12 points) in single spacing

**Abstract:** MS Word, Arial font (size 12 points) in single spacing

Abstract should include briefly, the objective of the study, materials and methods, results and conclusion. The presenting author's name should in bold or underlined. The category (theme) under which the abstract is to be presented should be mentioned below. The preference for presentation (Oral or Poster) should also be clearly mentioned.

- All abstract should be submitted to **[ncdrl2025@gmail.com](mailto:ncdrl2025@gmail.com)**
- Time of five minutes will be given for to each speaker for oral presentation
- For poster presentation, size of poster should be 4 x 3 feet
- **Last date for submission of abstract: 15<sup>th</sup> Sep 2025**
- **Last date for registration: 15<sup>th</sup> Sep 2025**

**REGISTRATION FEE:** The conference registration is free of cost

## TRAVEL & ACCOMODATION

- Travel reimbursement of participants will not be made by Organizer
- Accommodation can be booked by organizer on request; however, payment will have to be made by participants.

## MODE

- Offline & Online Mode
- Participants should clearly mention their mode of participation (Offline/Online) during registration

## ABOUT DEFENCE RESEARCH LABORATORY (DRL), DRDO, TEZPUR

Defence Research Laboratory (DRL) has focused its research and development activities on problems relevant to the troops deployed in North East India. The core areas include development of products and technologies for enhancing combat efficiency during jungle operations, vector borne disease surveillance and management, water quality amelioration and human waste management at high altitude. Besides, the laboratory collaborates with other DRDO and academic institutions on development of technologies for Armed Forces under diverse climatic conditions of NE India. A number of products and technologies, developed by the laboratory, are of use to paramilitary forces, police forces and civilian population.

Defence Research Laboratory (DRL), Tezpur had worked extensively with armed forces and civil bodies of NE India on malaria management in the past and has contributed immensely in the field of mosquito and malaria management in the region. The laboratory has developed several products for vector management over the years for armed forces with spin off benefit to civilian. Currently the laboratory is engaged in disease vector surveillance in the border areas and development of novel vector management technologies.

## ABOUT TEZPUR, ASSAM

Tezpur is the district headquarter of Sonitpur district of Assam. It is located on the banks of river Brahmaputra about 180 Km northeast of Guwahati. Tezpur is blessed with vibrant scenic beauty. Tezpur is considered as the cultural capital of Assam. Important tourist spots include Agnigarh, Mahabhairabh Temple, Cole Park or Chitralekha Udyan and Padum Lake.



## HOW TO REACH TEZPUR

**Train:** The closest major railway head is the Rangapara North Railway Station which is 25 km from Tezpur.

**Flight:** The nearest airport to Tezpur are Itanagar Airport and Guwahati Airport which are approx. 2.5 hrs and 4 hrs respectively from Tezpur by road.

**Road:** By road, Tezpur is 180 Km from Guwahati which is approximately 4 hours of road distance

### **Defence Research Laboratory (DRL) location:**

Defence Research Laboratory (DRL) is located within the perimeter of Solmara Military Station, Solmara, Tezpur, Assam. It is approximately 8 Km from the main Tezpur town towards Tezpur Airport.

### **Contact Information:**

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Dr. Vanlalhmuaka, Scientist 'F'  
Organizing Secretary



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**National Conference on “Technologies for mitigation of disease  
vectors and other jungle hazards”**

**15th & 16th October 2025**

**Registration Details**

**Conference Registration Form**

1	Full Name:	
2	Designation:	
3	Organization/Institution/University	
4	Mailing Address:	
5	Mobile No.:	
6	E-mail:	
7	Mode of participation: Online/Offline	
8	Presentation – Oral / Poster (Title of Abstract/Poster)	

\*For interested participants, fully filled registration form should be sent to  
[ncdrl2025@gmail.com](mailto:ncdrl2025@gmail.com)