

Vellore Institute of Technology

(Deemed to be University under section 3 of UGC Act, 1956)



**CENTER FOR** NANOBIOTECHNOLOGY

NSTITUTE OF TECHNOLOGY



**SECOND CROSS DISCIPLINARY SYMPOSIUM SERIES** 

**ADDRESSING** 

**UNITED NATIONS SDG GOAL 6 CLEAN WATER** 



# NANOTECHNOLOGY

## **CLEAN WATER**

Date: March 22, 2025

Venue: MB210

Vellore Institute of Technology

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## **ABOUT VIT**

Vellore Institute of Technology(VIT), formerly Vellore Engineering College, was founded by the Honorable Chancellor Dr G. Viswanathan and attained deemed University status in 2001. Currently, VIT nurtures more than 35000 students on campus from all over India and about 60 countries worldwide. VIT has emerged as one of the best institutions in India and has been consistently ranked as the No. 1 private institution in India and the 11th best among overall engineering institutions by NIRF, MHRD India. VIT is the first institute in India to receive a QS 4-Star rating in the overall category and a QS 5-Star rating in teaching, employability, facilities, innovation, and inclusiveness. VIT's commitment to research excellence and innovation provides an excellent environment for beginners as well as experienced researchers to expand their horizons to global standards. FICCI conferred VIT the "Excellence in Enabling Research Environment" award. VIT maintains its relevance to world-class research by linking with industry and business through local and international research networks

## **ABOUT CNBT**

The Centre for NanoBiotechnology was established (CNBT) in 2011 to carry out interdisciplinary research in the domain of nanobiotechnology. CNBT's research focus includes nanotoxicology, nanomedicine, nanosensors, nano-aquaculture, nano-biosynthesis, environmental nanobiotechnology, and many other related research areas. The center undertakes research and development projects from various agencies and offers consultancy services to industries and research organizations in India and abroad. CNBT's research commitment shines through more than 546 publications with a h-index of above 58. CNBT has eleven core faculties and more than 55 research scholars and project associates. It houses various characterization facilities that are highly useful for nanomaterials synthesis and applications. CNBT also holds 31 patents published and more than 20 being granted

## **ABOUT NANOX**

NanoX is an initiative developed by CNBT with the aim of providing a platform for students, researcher scholars, and faculty communities with expert talks delivered on sustainable development goals of the United Nations by distinguished scientists and researchers from various parts of the globe. These lectures focus on the latest and most relevant research pertaining to a specific issue. Every year, a cross-disciplinary theme will be proposed with the aim of facilitating the flow of translational ideas across various disciplines and countries





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#### **SPEAKERS**

#### Dr. Ligy Philip

Nita & K.G. Ganapathi Chair Professor Department of Civil Engineering Indian Institute of Technology, Madras Chennai, India

#### Dr. R. Selvakumar

Professor & Head
Dept. of Biotechnology &
Nanobiotechnology
Founder Convener
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#### Dr. S. Mahenthiran

Associate Professor & Head School of Civil Engineering Vellore Institute of Technology, India



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