







### CENTER FOR NANOBIOTECHNOLOGY

VELLORE INSTITUTE OF TECHNOLOGY



# FIRST CROSS DISCIPLINARY SYMPOSIUM SERIES

ADDRESSING

# UNITED NATIONS SDG GOAL 13 CLIMATE ACTION



# NANOTECHNOLOGY & CLIMATE CHANGE

Date: October 20 & 21

Venue: SMV 209

Vellore Institute of Technology

REGISTRATION LINK https://bit.ly/3sWqKZz

**NO REGISTRATION FEE** 

# 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 475 publications with a h-index of above 50. CNBT has nine core faculties and more than 45 research scholars and project associates. It houses various characterization facilities that are highly useful for nanomaterials synthesis and applications. CNBT also holds 20 patents published and more than 10 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





CHIEF PATRON DR. G. VISWANATHAN

FOUNDER AND CHANCELLOR, (VIT)

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#### **SPEAKERS**

#### Dr. Vivek Polshettiwar

Professor, Dept. of Chemical Sciences, Tata Institute of Fundamental Research (TIFR) Mumbai, India

#### Dr. Disna Ratnasekara

Professor, Dept. of Agricultural Biology University of Ruhuna, Sri Lanka

#### Dr. Pranab Goswami

Professor, Dept. of Biosciences & Bioengineering Indian Institute of Technology Guwahati, Assam, India

#### Dr. Utpal Bora

Professor, Dept. of Biosciences & Bioengineering Indian Institute of Technology Guwahati, Assam, India

#### Dr. Adepu Kiran Kumar

Peds Pediatrics, College of Medicine, University of Arkansas for Medical Sciences, USA

#### Dr. Shakeel Ahmad Khan

Principal Scientist Division of Environmental Sciences Indian Agricultural Research Institute, IARI General Secretary National Environmental Sciences Academy New Delhi, India

#### Dr. G.K. Suraish Kumar

Professor, Dept. of Biotechnology Indian Institute of Technology Madras Chennai, India

### **SPEAKERS**

#### Dr. Biswanath Mahanty

Associate Professor, Dept. of Biotechnology Karunya Institute of Technology & Sciences Coimbatore, India

#### Dr. Arunkumar Chandrasekhar

Associate Professor, Department of Sensors and Biomedical Technology, Vellore Institute of Technology, Vellore, India



## ORGANIZERS

Dr. Priyanka Srivastava (Assistant Professor (Sr), CNBT, VIT) Dr. N Krishna Rao Eswar (Associate Professor (Gr I), CNBT, VIT)

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