

M J THIRUMALACHAR  
AND M J NARASIMHAN  
ENDOWMENT LECTURE



INDIAN INSTITUTE OF  
**SCIENCE**

BENGALURU- 560012

New and  
Emerging technologies:  
**KEY DRIVERS OF  
BIOECONOMY  
GROWTH**



**Dr. Renu Swarup**  
Secretary, Department  
of Biotechnology  
Ministry of Science &  
Technology,  
Government of India.

### About the Speaker

Dr. Renu Swarup is presently Secretary, Department of Biotechnology (DBT), Government of India, and Chairperson of the Biotechnology Industry Research Assistance Council (BIRAC).

A Ph.D in Genetics and Plant Breeding, Dr. Renu Swarup completed her post-doctoral work at The John Innes Centre, Norwich UK, and joined the Department of Biotechnology in 1989.

Dr. Swarup has been instrumental in the planning and implementation of some major national programmes such as Spatial Characterization of Biodiversity, Second Generation Bioethanol, Antimicrobial Resistance, Genome India to name a few. She was also a member of the Task Force on Women in Science constituted by the Scientific Advisory Committee to the Prime Minister.

In the recent COVID pandemic situation she has led the COVID Vaccine and Diagnostic Mission. A Fellow of the National Academy of Sciences (NASI) India, she was awarded the "BioSpectrum Person of the Year Award" in 2012, "National Entrepreneurship Awards 2017", TiE WomENABLER Award 2018, "Dr. P. Sheel Memorial Lecture Award" 2018 by NASI, the TWAS Regional Office Prize on Science Diplomacy in 2018, and the Agriculture Research Leadership Award 2019.

**Prof. Govindan Rangarajan**

Director, IISc will preside

A link will be shared  
to attend this lecture.

**18**  
JAN 2021

**MONDAY**  
at 4.00 p.m.

**ALL ARE WELCOME**