

# 2nd International Conference on Environmental, Agricultural, Chemical and Biological Sciences

#ICEACBS2021

January 24-26, 2021

in support of

United Nations SDGs



Organized by

**Voice Of Indian Concern for the Environment (VOICE)**

in association with

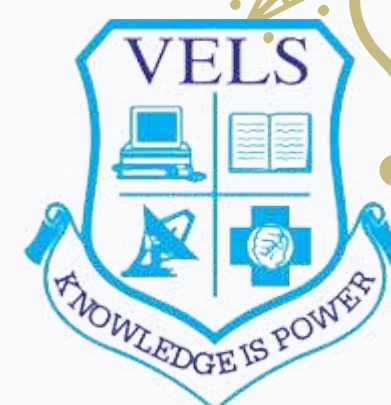
Murray State University, Murray, Kentucky, USA

Dept of Biotechnology, GLA University, Mathura, Uttar Pradesh, India

Dept of Zoology, Mercy College, Palakkad, Kerala, India

Dept of Environmental Science, DM College of Science, Dhanamanjuri University,  
Imphal, Manipur, India

Dept of Biochemistry, Vels University, Chennai, Tamilnadu, India



Convener & Organizing Secretary

**Dr. Ramasamy Rajesh Kumar**

Founder - **VOICE**

Research Scientist- Institute of Nuclear-Agricultural  
Sciences, College of Agriculture and Biotechnology,  
Zhejiang University, China PR

Honorary Faculty - Novel Global Community  
Educational Foundation, Australia

Co-organizing secretaries

**Dr. Preeti Pal**, Assistant Professor

Dept of Biotechnology, GLA University, Mathura, UP, India

**Dr. Girija Ramankutty**, Assistant Professor

Dept of Zoology, Mercy College, Palakkad, Kerala, India

**Dr. Naorem Sarita Devi**, Assistant Professor

Dept of Environmental Science, DM College of Science,  
Dhanamanjuri University, Imphal, Manipur, India

**Dr. R. Vidya**, Assistant Professor

Dept of Biochemistry, Vels University, Chennai, Tamilnadu, India

For registration

[www.tinyurl.com/ICEACBS2021](http://www.tinyurl.com/ICEACBS2021)

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## Day 01: January 24, 2021

10:00 to 10: 30 AM - Inauguration

10:30 to 11:00 AM - Keynote address 01

### Dr. Moni Madaswamy

Professor Emeritus and Chairman (CAIRS, CADMS, CIDSA, CITSA), Shobhit University, UP, India  
Former Director General, National Informatics Centre, Government of India,  
New Delhi, India



Topic: Emerging Digital Technologies in Farming: Role of Agricultural Informatics as an Academic and Research Discipline

11:00 to 11:30 AM - Keynote address 02

### Prof. Dr. B. K.Tyagi

Emtd. Scientist G (Director) & Director-in-Charge,  
ICMR - CRME, Madurai, Tamilnadu, India.  
Advisor, VIT University, Vellore (TN), INDIA



Topic: Pesticide use in health and agriculture: Gains and losses, with special emphasis on environment

11:30 to 12:15 noon - Keynote address 03

### Dr. Bommanna G. Loganathan

Professor of Environmental/Analytical Chemistry  
Department of Chemistry and Watershed Studies Institute  
Murray State University, Murray, KY, USA.



Topic: Cancer, Virus Diseases and Pollution- Is there a Link?

12:15 to 1:00 PM - Invited talk 01

### Dr. Erinne Stirling

College of Environmental and Resource Sciences, Zhejiang University, China  
Acid Sulfate Soils Centre, School of Biological Sciences, The University of Adelaide, Australia



Topic: Swamps, bogs and backwaters: inland wetlands in a changing environment

1:15 to 2:00 PM - Invited talk 02

### Dr. Shoor Vir Singh

Professor and Head, Department of Biotechnology,  
Institute of Applied Sciences and Humanities, GLA University, Mathura, India.



Topic: *Mycobacterium avium* subsp. paratuberculosis as major environmental contaminant and leading cause of low per animal productivity and morbidity in human population.

2:30 to 3:15 PM - Invited talk 03

**Dr. Bindu Vasumathi**

Deputy Director of Agriculture,  
Department of Agricultural Development & Farmers Welfare, Govt of Kerala, India

Topic: Sustaining Agriculture in Kerala: the way forward



3:15 to 4:00 PM - Invited talk 04

**Dr. V. Geethalakshmi**

Director, Crop Management, Tamilnadu Agricultural University, Coimbatore, Tamilnadu, India  
Professor, Department of Agronomy and Meterology, TNAU, Coimbatore, Tamilnadu, India

Topic: Climate changes and impact on Agriculture



**Day 02: January 25, 2021**

10:00 to 10:30 AM - Keynote address 04

**Dr. S. Faizi**

Ecologist, Thiruvananthapuram, India  
Chair: IUCN/CEESP Task Force on post-2020 Global Biodiversity Framework  
Member: Expert group on biodiversity and development of the UN convention on Biological Diversity (CBD)  
Consultant (Biodiversity): UNDP  
Biodiversity advisor: JICA/ West Bengal forest department  
Team leader: JICA'S Gujarat Ecosystem Management Study  
Member: UN CBD Informal Advisory committee on CEPA.

Topic: Climate crisis, Biodiversity loss: How effective are the global treaties



10:30 to 11:15 AM - Invited talk 05

**Dr. Krishna Khairnar**

Senior Scientist and Head, Environmental Virology Cell, CSIR-NEERI, Nagpur, India.

Topic: Salvaging the Humanity: A peek inside COVID-19 test



11:15 to 12:00 noon - Invited talk 06

**Dr Asmita Das**

Assistant Professor, Department of Biotechnology, Delhi Technological University ,  
Govt of Delhi NCT, New Delhi, India

Topic: Natural Killer cells a formidable force against tumors and viruses





1:00 to 1:45 PM - Invited talk 07

**Dr. Abhay B. Fulke**

Senior Scientist Microbiology Division,  
CSIR-National Institute of Oceanography (CSIR-NIO), Regional Centre,  
Government of India, Mumbai, India.



Topic: *Escherichia coli* in marine coastal water: Implications for water quality and human health

1:45 to 2:30 PM - Invited talk 08

**Dr. M. Rajesh**

Assistant Professor in Zoology, The American college, Madurai, Tamilnadu, India

Topic: UN Sustainable Development Goals 2, 3, 9, 12, 14, 15 & 17



2:30 to 3:15 PM - Invited talk 09

**Dr. Ramasamy RAJESH KUMAR**

Research Scientist, College of Agriculture and Biotechnology, Zhejiang University, China PR

Topic: CRISPR Lab on a Chip technology for COVID 19 diagnostics



3:30 to 4:15 PM - Invited talk 10

**Dr. Kalpana Surendranath**

Associate Professor, Leader, Genome Engineering Lab,  
University of Westminster, London, UK



Topic: CRISPR the Nobel prize technology: Future of disease diagnostics and opportunities in biomedical engineering

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**Day 02: January 25, 2021**

9:00 AM onwards

ppt/eposter presentations - 10 mins. **10 each Young Scientist Best ppt/eposter presentation awards**

Themes: Anything related to Environment, Agriculture, Chemical, Food, Biological Sciences, and UN Sustainable Development Goals

6:00 PM Valedictory

**Self nominate for the Best Researcher, Scientist, Faculty, Young Researcher, Women Scientist awards - For more details [iceacbs2021@gmail.com](mailto:iceacbs2021@gmail.com)**

Last date for registration: **January 20, 2021**

For registration: **[www.tinyurl.com/ICEACBS2021](http://www.tinyurl.com/ICEACBS2021)**