



International conference on  
**“Industrial perspective, challenges and strategies in the development of novel bio-pesticides: Its implication in sustainable pest and disease management”**

in commemoration with  
**TNAU and SICI Golden Jubilee Year 2021**

**11<sup>th</sup> to 12<sup>th</sup> March 2021**

**TAMIL NADU AGRICULTURAL UNIVERSITY**  
**Centre for Plant Protection Studies**  
**Department of Plant Pathology**  
**Coimbatore - 641 003, India**



### Background

Globally upto 35% of agricultural crops and products are damaged by pest and disease despite chemical pesticide use. Biological control of insect pests and diseases is one of the major ecosystem services provided to agriculture worldwide. The Biological control science has experienced transformational advances in various critical areas over the past decades including risk assessment, commercial mass-production and the elucidation of complex interactions. The discipline is therefore more poised than ever to contribute substantially to solving the world's grand environmental and health challenges. A key to harnessing these advances for maximum benefit is to create strong linkages among different sub-disciplines, targets and approaches of biological control.

The Biocontrols Conference Offers:

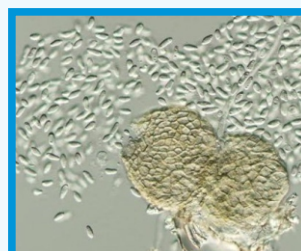
- Real-world success stories that will help you integrate biocontrol along with conventional ecofriendly methods in sustainable pest and disease management programme.
- Practical knowledge that will help you select, purchase, apply and measure the effectiveness of biocontrol products in growing environments
- Introduction of novel products and technology in biocontrol formulation development.
- Regulatory and policy developments that are encouraging or requiring more use of biocontrol methods
- Biological Control: Industrial Perspective and policy issues.
- Production and utilization of microbes for insect pest management.
- Access the pioneer biocontrol specialists from India and around the world in the virtual conference.

### About TNAU

Tamil Nadu Agricultural University has been rated as the best Agricultural University in India by Indian Council of Agricultural Research, New Delhi and as Centre of Excellence for higher education in Agricultural and allied subjects. The TNAU had begun as an Agricultural school at Saidapet in Chennai in 1876 and proliferated as a college in Coimbatore during 1906 and later ascribed as University in 1971. Till 1946, the Agricultural College and Research Institute was the only institute for agricultural education for the whole of South India. In 1958, it was recognized as a Postgraduate Centre offering Masters and Doctoral degrees. The significant role in offering agricultural education by TNAU is made possible through the 14 constituent colleges in nine campuses and three diploma institutes. The curriculum of the university is tailored to meet out the needs of the clientele who are engaged in Agriculture, Horticulture, Agricultural Engineering, Agricultural Processing, Agricultural Marketing, agro based industries and Community Science as well as future agriculture development and research. University has a high reputation in international forum.

### About the Department

Department of Plant Pathology of the Agricultural College and Research institute, Coimbatore was started in 1910 with the Government Mycologist as Head of the Department. This department has major research focus on Virology, Biological control, Seed Pathology, Post-harvest Pathology, Breeding for Disease Resistance, Disease Forecasting, Mushroom cultivation and Integrated Disease Management strategies for all major diseases in Agricultural and Horticultural crops. The department has well-equipped laboratories. The first commercial talc based formulation of biocontrol agent was developed from this department. It is the pioneer institute in the formulation of bio-pesticides using various strains of bacteria (Pf1, Bbv57, FP7) and fungi (TV1, Cg6, TNAU123, B1 and M1).



**Patron****Conference Director****Conference Co-Director****Dr. N. Kumar**Vice-Chancellor  
TNAU, Coimbatore**Dr. T. Raguchander**Dean (Students Welfare) &  
Professor (Plant Pathology)**Dr. K. Prabakar**

Director (CPPS)

**Dr. A.S. Krishnamoorthy**

Registrar

**Dr. G. Karthikeyan**Professor and Head  
Plant Pathology**Dr. M. Karthikeyan**Assistant Professor  
Plant Pathology**Call for Abstracts**

Major conference themes include

1. Novel biocontrol agents for pest and disease management.
2. Newer formulations of biocontrol agents
3. Secondary metabolites, novel molecules and plant products for pest and disease management
4. Industrial perspectives and policy issues

Interested individuals can send a short abstract of maximum 200 words by registering in the following link. Selected abstracts will be considered for Oral or Poster presentation based on decision of organising committee and presentation by virtual mode. A digital copy of abstracts of all the presenters will be made available to the participants. Abstracts will be received upto 8<sup>th</sup> March, 2021. Awards will be provided session wise for poster sessions.

**Who can apply**

This online conference is open to all academicians, researchers, faculty, and scholars working in biological control can apply. There is no registration fee for participation. The industrial partners of TNAU and ICAR institutes also can apply for the conference. The Shastri Indo-Canadian Institute encourages maximum involvement and participation of students and young faculty from India & Canada.

**Registration**

The participants aspiring to attend the online international conference are requested to furnish the details by using the link or QR code given below before 10<sup>th</sup> March, 2021.

Link : <https://bit.ly/2MgblhA>**e-certificate will be provided to the participants**

Correspondence : All correspondence should be addressed to

The Professor and Head, Department of Plant Pathology, CPPS, TNAU Coimbatore - 641 003. India. [tnaucbc2021@gmail.com](mailto:tnaucbc2021@gmail.com)**Executive Committee**

**Dr. M. Kalyanasundaram**, Dean (Agri.), TNAU, Coimbatore  
**Dr. F. John Samuel Kennedy**, Dean, SPGS, TNAU, Coimbatore  
**Dr. S. Mohankumar**, Director (CPMB & B), TNAU, Coimbatore  
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**Dr. V. Ambethgar**, Director (TRRI), Aduthurai  
**Dr. N. Sathiah**, Professor and Head, Dept. of Agri. Entomology  
**Dr. A. Shanthi**, Professor and Head, Department of Nematology  
**Dr. E.G. Ebenezer**, Professor and Head, Dept. of Pl. Path., AC&RI, Killikulam  
**Dr. M. Theradimani**, Professor and Head, Dept. of Pl. Path., AC&RI, Madurai

**Organizing Committee**

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