



VIT
Vellore Institute of Technology
(Deemed to be University under section 3 of the UGC Act, 1956)

International Conference on Recent Trends in Molecular Physiology of Horticultural Crops under Abiotic Stress

Virtual Mode

3rd -4th December, 2021

Organized By

VIT School of Agricultural Innovations and Advanced Learning (VAIAL)

VIT- A place to learn; a chance to grow

About VIT

VIT, one of the premier institutes in India, was established in 1984. It is a major, comprehensive, student-centered research university dedicated to excellence in teaching, research, and service. VIT today comprises various schools and interdisciplinary research centers offering undergraduate, postgraduate and research programs in various disciplines. The institute was established to provide quality higher education at par with international standards. The campus has a cosmopolitan atmosphere with students from all corners of the globe. Presently the student's strength has crossed 30,000. Our Memoranda of Understanding with various international universities are our major strength. The mission of VIT is to educate students from all over India, including those from the local and rural areas and from other countries, so that they can become enlightened individuals, improving the living standards of their families, workplace and society. VIT provides individual attention, world-class quality education, and takes care of character building. There are student and faculty exchange programs, to encourage joint research projects for mutual benefit. VIT Vellore obtained grade "A" for all the programs offered by the University during the re-accreditation processes in February 2015. The University was recently ranked No.1 Private Engineering Institution by MHRD, Govt. of India. VIT – Recognized as Institution of Eminence (IoE) by the Government of India.

About VAIAL

VIT School of Agricultural Innovations and Advanced Learning (VAIAL) is engaged in Agricultural education, research and extension. Core activities of the school revolves around teaching in Agriculture, training of students, organizing farmers training programmes, outreach and field programmes for the farmers as well as research in agricultural and allied sectors on a techno-commercial scale. Integrated and self-sustainable farming is the main focus of the School. Experiential learning, activity-based assignments, onsite field classes, agro-industrial visits, students' interaction with farmers, international exposure through interaction with foreign professors, skill development based on additional learning projects, opportunities for innovation and product development by students are some of the unique features of the undergraduate programme in agriculture offered by the School. Faculty members are trained in advanced agricultural concepts and techniques in various developed countries. The research focus is to develop new generation technology in various branches of agriculture such as crop production and improvement, plant protection, soil nutrient management, horticulture, crop physiology and molecular biology, microbial biotechnology, micropropagation, agricultural engineering and agro-food technology. The School has many on-going funded research projects, industry consultancy projects and entrepreneurship programmes.

About Conference

The major horticultural crops produced in the world are vegetables, fruits, and flowers. Recently, the importance of abiotic stresses has been gaining attention because many regions of horticultural crop production in the world experience diverse abiotic stresses, including those caused by the global climate change. Abiotic stresses in the form of extreme temperatures, light, humidity, drought, and/or salinity are well-known, and they are associated with a number of morphological, physiological, and biochemical events. The most common stress factors are the easiest for people to identify, but there are many other less recognizable abiotic stress factors which constantly affect the cultural environment. The conference aims to explore and provide more comprehensive approaches that include quantitative and qualitative analyses at the physiological, transcriptome, proteome, and metabolome levels to elucidate the major effects and improvements of abiotic stresses in horticultural plants.

Thematic Areas

- Physiological Modulations
- Horticultural Biotechnology
- Precision Horticulture
- Proteomics
- Metabolomics
- Genomics
- Gene Regulatory Pathways
- Crop management

Speakers



Dr. Mohamed A. El-Esawi
Tanata University, Egypt.



Dr. Francesco Orsini
Bologna University, Italy.



Dr. Mohammadmehdi Maharlooei
Shahid Bahrnor University of
Kerman, Iran.



Dr. José Ángel Huerta-Ocampo
Research Centre for Food and
Development, Mexico.



Dr. Umesh K Reddy
West Virginia State University,
USA.



Dr. Prabhakaran Soundararajan
National Institute of Plant Genome
Research, India.



Dr. Sunoj Shajahan
Cornel University, USA



Dr. M. Prakash
Annamalai University, India.

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Abstract Submission Details

Under each scientific theme Abstracts of papers are invited in MS word format - Font "Times New Roman", size "12" with line spacing "1.5" and abstract should not exceed 200 words.

While submitting the abstracts mention the Topics in which you wish to make the oral or poster presentation. Awards will be given to the best oral and poster presentations.

Participants have to make their posters (i.e. PDF file) in a portrait page setup with an aspect ratio of 3:4 and not less than 600 dpi.

For oral presentation: Ten slides PPT file need to be submitted. (15-20 mins per group)

E-certificate will be provided for all the participants.

Important Dates

Abstract submission: 10.11. 2021

Abstract acceptance: 20.11. 2021

Last date of registration: 30.11. 2021

Registration Fee

- ❖ Scientists and Faculty Members - Rs. 300/-
- ❖ Students and Research Scholars - Rs. 200/-
- ❖ Foreign Delegates - USD 100

Submit your abstract:

<https://docs.google.com/forms/d/e/1FAIpQLSdx3DsBcOlaLxQvwAIZKQo9wwTPK6olwcAwGxOyXCt7gmtBaQ/viewform>

Registration Link:
<https://events.vit.ac.in/>

Awards

Innovative Young Research Scientist Awards:

- Best Poster in Plant Physiology
- Best Poster in Plant Molecular Biology
- Best Oral presentation in Plant Physiology
- Best Oral presentation in Plant Molecular Biology

Innovative Budding Research Student Awards

- Best Poster in Plant Physiology
- Best Poster in Plant Molecular Biology
- Best Oral presentation in Plant Physiology
- Best Oral presentation in Plant Molecular Biology

Eligibility criteria for Awards

- Innovative Young Research Scientists: Age should be 35 years or less
- Innovative Budding Research Students: Age should be less than 25 years

Contact us:

Email: consemslvit@gmail.com

Presentations: Presentations will be held online. Mode of presentation and other technical details will be conveyed in due course of time.

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