

National Webinar Series on
“Plant Health Management”
Challenges - Interventions - Advances
“Impacts of climate change and Invasive Alien Species
on Agriculture”

Organized by

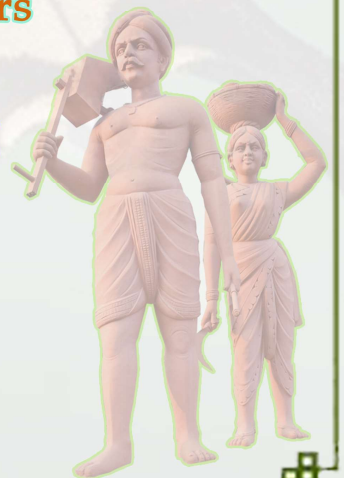


Department of Entomology
S.V. Agricultural College, Tirupati
Acharya N.G. Ranga Agricultural University

Target participants: Students, Scientists, Teachers, Extension Specialists and Govt. Officers

E- Certificates will be provided

Registration Link : <https://forms.gle/EVkkZmCRL1HEC8faA>





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Professor & Head (Ento)
S.V. Agril. College, Tirupati

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Dr.M.S.V. Chalam, Assoc. Professor
Dr.K.V. Hari Prasad, Assoc. Professor
Dr.G.S. Panduranga, Asst. Professor
M.Sc. and Ph.D. Scholars
Dept. of Entomology
S.V. Agricultural College, Tirupati

Climate change is an International environmental problem that will alter distribution and abundance of many insect species, including increasing the ranges, establishment opportunities and consequent impacts of Invasive Alien Species (IAS). The synergy between IAS and climate change is complex and poorly understood. The effects of changes in temperature, Carbon dioxide, other greenhouse gases and humidity on IAS and input into climate change needs models to estimate the impacts. Understanding how climate change will affect Invasive pest, pathogen and weed species is important to enable accurate impact assessments of climate change on agriculture. Invasive insect pests such as Fall Armyworm, Rugose spiralling whitefly, South American pinworm and Locusts are greatly threatening food security in the poorer tropical countries. Recent research allowed a better understanding of the mechanisms that could trigger in promoting invasions. However, the proper biology of the species, susceptibility to invasion of the host ecosystem, the vulnerability of native species to climate change, and the dynamism of changes in the interactions within ecosystems and human activities make predictions extremely feeble. To address these issues, Dept. of Entomology, S.V. Agricultural College, Tirupati, ANGRAU is organizing a series of webinars on “Plant health management - Challenges, Interventions and Advances”.

Speakers



Climate Change Impact Assessment on Insects and Pest Management Options
Dr. SUBHASH CHANDER

Director

ICAR-National Centre for Integrated Pest Management, New Delhi



Present Status and Management of Fall Armyworm in India
Dr. SHARANABASAPPA S. DESHMUKH

Assistant Professor (Entomology)

University of Agricultural and Horticultural Sciences, Shivamogga, Karnataka

Programme schedule

Webinar Series -II

26.02.2021 (3:00 PM to 4:45 PM)

Impacts of Climate Change and Invasive Alien Species on Agriculture

Welcome address : 3:00 PM – 3:03 PM Dr. B. Ravindranatha Reddy,
Associate Dean, S.V. Agricultural College,
Tirupati, A.N.G.R.A.U

Inaugural address : 3:04 PM – 3:07 PM Dr. A. Pratap Kumar Reddy
Dean of Agriculture
A.N.G.R.A.U ,Guntur

Opening remarks : 3:08 PM – 3:11 PM Dr. N.C. Venkateswarlu
Professor and Head
Department of Entomology
S.V. Agricultural College, Tirupati.

Technical Session

3:12 PM – 3:15 PM Introduction of Speaker - Dr. K.V. Hari Prasad

3:15 PM – 3:45 PM **Climate Change Impact Assessment on Insects and Pest Management Options**
Dr. Subhash Chander
Director
ICAR-National Centre for Integrated Pest Management
New Delhi.

3:45 PM – 3:55 PM Interaction session

3:55 PM – 4:00 PM Introduction of Speaker - Dr. G. S. Panduranga

4:00 PM – 4:30 PM **Present Status and Management of Fall Armyworm in India**
Dr. Sharanabasappa S. Deshmukh
Assistant Professor (Entomology)
University of Agricultural and Horticultural Sciences
Shivamogga, Karnataka.

4:30 PM - 4:40 PM Interaction session

4:40 PM – 4:45 PM Concluding remarks followed by Vote of Thanks by convenor

