

Chairman



Dr. Ujjwal Kumar
Director
ICAR RCER, Patna

भारत का अमृत महोत्सव 75 भारत अमृत महोत्सव

Convener



Dr. A. K. Choudhary
Head, DCR
ICAR RCER, Patna

**National Webinar on
Entomophagy for Livelihood Security and Ecological Engineering
for Innovative Pest Management**

Date : September 22, 2021

Time : 11:00 AM

Speakers



Dr. Badal Bhattacharyya
Pr. Scientist
AAU, Jorhat, Assam



Dr. Poonam Jasrotia
Pr. Scientist
ICAR – IIWBR
Karnal Haryana



Prof. M. Raghuraman
Institute of Agricultural
Sciences, BHU
Varanasi, U.P.



Prof. R. K. Gupta
Head
Division of Entomology
SKUAST-J, Jammu



Prof. M. S. Khan
Department of Entomology
GBPUA&T
Pantnagar, Uttarakhand



Registration Link : <https://us02web.zoom.us/j/84461212703>

Organized by

ICAR RESEARCH COMPLEX FOR EASTERN REGION, PATNA, BIHAR





National Webinar on Entomophagy for Livelihood Security and Ecological Engineering for Innovative Pest Management



About the Webinar

Entomophagy reflects a feeding behavior in humans wherein they consume insects as the food. This has been a common practice in many cultures for centuries together. The growing world population has steered Food and Agriculture Organization (FAO) to look for new food sources to address the livelihood security. Based on these premises, insects seem to be a viable alternative to address the livelihood security because they reproduce quickly, have high growth and feed conversion rates and a low environmental footprint over their entire life cycle, and hence are the good candidates for modern day farming. Minimal technical and capital requirement for basic harvesting and rearing equipment is the added advantage of insect domestication. These activities can directly provide for dietary diversity, employment and entrepreneurship opportunities in developed, transitional and developing economies.

Ecological engineering as an innovative pest management tool is a modified tritrophic interaction, enhancing the natural enemies of insect pests and modifying the crop micro-environment. It is relatively a new concept of environmental manipulation for the benefit of man and the environment. It increases the biodiversity in the ecosystem, significantly increases biological control of crop pests, and provides biological stability in the ecosystem. It focuses on the strategies of pest management both below and above ground by making the habitat less suitable for pests, and more attractive to natural enemies. It is high time to disseminate the knowledge and the techniques of ecological engineering so that it will develop rapidly and become a major pest management strategy for substantially minimizing pesticide usage in future.

Topics to be covered

Exploration of Edible insects and entomophagy in India

Significance of Apiculture and Insect Pollination in the Indian Agriculture

Ecological Engineering for Pest Management

Modern Tools of Host Plant Resistance for Insect-Pest Management of Cereal Crops

Biodiversity of Soil Insects and Ecological Impact of Plant Protection Inputs on their Abundance

Last date of the registration
September 22, 2021

For more information kindly mail at
akicar1968@gmail.com
manawar69@yahoo.com
You can also call us at
Mob: 9935602919, 9304446592

Organizing Secretary

Dr. Md. Monobrullah
Pr. Scientist
ICAR RCER, Patna

Co-Convener

Dr. Abhishek Kumar Dubey
Scientist
ICAR RCER, Patna

Co-organizing Secretary

Dr. N. Bhakta
Pr. Scientist
ICAR RCER, Patna

Follow us:



ICAR-RCER, Patna Visit us:
[facebook.com/ICARRCER/](https://icarrcer.in/)



<https://icarrcer.in/> Contact us:



+919935602919



ICAR-RCER
ICAR Parisar
Patna, Bihar – 800 014