Chairman



Dr. Ujjwal Kumar Director ICAR RCER, Patna



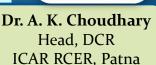
National Webinar on



Entomophagy for Livelihood Security and Ecological Engineering for Innovative Pest Management

Date: September 22, 2021

Time: 11:00 AM



Convener

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/meeting/register/tZlscOuorTljHtzuQwzmO-JcBJuX3P59UHjT







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

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

Last date of the registration September 22, 2021

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