



NAHEP



National Webinar

on

Nanotechnological Interventions in Agriculture

October 14, 2020

Time: 11:00 AM



PATRON

**Prof. J. S. Sandhu Vice Chancellor,
SKNAU, Jobner**



CHIEF GUEST

**Dr. P.S. Pandey
ADG (EP&HS), Agril Education
Division, ICAR, New Delhi**

LEAD SPEAKERS



Dr. J.C. Tarafdar

Former UGC Emeritus
Professor, ICAR Emeritus
Scientist, National Fellow
and Principal Scientist,
CAZRI, Jodhpur.



Dr. D.R. Biswas
Principal Scientist
IARI, New Delhi

Organized by

SKN Agriculture University, Jobner-303329, Jaipur (Raj.)

Website: www.sknau.ac.in www.nahepjobner.in

Registration link: <https://forms.gle/xLvGExTjLYLJug858>

Google Meet link: meet.google.com/vaw-sfzg-yob

Live on: <https://www.facebook.com/sknau/>

e-certificate will be issued to all the registered participants.





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Preamble: Nanotechnology is the potential tool for transforming agriculture and food production through efficient management of natural resources and other required inputs. Application of nano-materials in agriculture provides unique opportunity for enhancing crop production and sustaining soil health. In plant nutrition system nano-materials play miracle role to overcome the problems of low nutrient use efficiency, residues of chemicals and water pollution thus maintaining soil health. Use of nano-materials encourage plant growth, productivity and reduce the soil toxicity. Nano fertilizers also reduce the harmful effects of agrochemicals and the frequency of fertilizer application. The use of these nano-materials in nutrient management system will minimize the fertilizer use by improving the nutrient use efficiency. Translocation and biotransformation pathways, potential uptake of nonmaterials in soil-plant system as well as the positive and negative effects have also been reported in different crops. This webinar aims to enrich the participants with the innovative approaches in the field of Agricultural Nanotechnology. In this webinar, advanced researches and potential applications of nanotechnology on soil health and nutrient management for crop production will be covered.

PROGRAMME SCHEDULE

Time	Topic	Speaker
11:00 AM	Welcome Address and Introduction of Webinar	Dr. M. L. Jakhar, Director Research, SKNAU, Jobner
11:05 AM	Address by Patron	Dr. J. S. Sandhu, Hon. V. C. SKNAU, Jobner
11:25 AM	Key Remarks	Dr. P. S. Pandey, ADG (EP&HS), Agril Education Division, ICAR, New Delhi
11:45 AM	Nanonutrients and Nano- bioformulations	Dr. J. C. Tarafdar, Former UGC Emeritus Professor, ICAR Emeritus Scientist, National Fellow and Principal Scientist, CAZRI, Jodhpur
12:20 PM	Use of nano-phosphorus and nano-zinc fertilizers in P and Zn management in Agriculture	Dr. D.R. Biswas, Principal Scientist Indian Agricultural Research Institute New Delhi
12:50 PM	Vote of Thanks	Dr. A. S. Baloda, Director, RARI, SKNAU, Jobner



Dr. M.L. Jakhar
Director Research, SKNAU, Jobner
&
Convener



Dr. A.S. Baloda
Director, RARI, SKNAU, Jobner
&
Co- Convener

Dr. Pratibha Singh
Asst. Prof. Soil Science & Agril.
Chemistry
&
Organizing Secretary

