CSAU

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ICAR

12th-19th AUGUST 2021

National Virtual Training

on

Novel Approaches for Quality Seed Production of Nutritional Crops

NAHEP-ICAR, New Delhi

CAAST-NC: Seed Production Component

Chandra Shekhar Azad University of Agriculture & Technology, Kanpur

For registration

About the Institution

C. S. Azad University of Agriculture and Technology, Kanpur is the leading agricultural institution of the country and having strong foundation laid as early 1893. This institution continued its journey in independent India attaining its present status of university after several stages of metamorphosis- from the School of Agriculture in 1893 to status of university in March 1975. The University serving the nation since last 116 year through research, education and development of technologies to farmers of the country. The University has mandate of planning, execution, monitoring, co-ordination, evaluation and impact assessment of research programmes across the faculties to cater the research need of South-Western Semi-Arid and Central Plain zones covering 22 districts of Uttar Pradesh with its eight colleges in which four college (Agriculture, Horticulture, Agroforestry, Agriculture Campus, Lakhimpur kheri & Home Science) are located at university HQ (Kanpur) and three colleges (Fisheries, Dairy Technology and Agricultural Engineering) at Etawah campus. As the mother of several ICAR institutions, Chandra Shekhar Azad University of Agriculture and Technology, Kanpur continues to serve as the leading organization for agricultural studies, research and extension in the country.

About the Project

The Centre for Advanced Agricultural Science and Technology on Nutritional Crops is the World Bank funded project, implemented by Government of India through National Agricultural Higher Education Project-Indian Council of Agricultural Research, New Delhi. This project seeks to establish partnership with national/international/private organizations and scaling of capacity building of postgraduate students as well as faculties for enhancing their research and teaching capabilities. The project aim is to promote production-oriented research as a way to enhance productivity and ensuring the prosperity of rural communities and developing knowledge centre for quality seed production of nutritional crops.

About the Training

Seed quality is the foundation for profitable crop production and marketing. High-quality seed has great potential to increase farm productivity and enhance food and nutritional security and also for realizing the potential of all other inputs. It is estimated that seed quality accounts for 20-25% of productivity. Otherwise, investment in fertilizers, water and pesticides will not bring the expected dividends to farmers.

Although India is the largest producer (approximately 25% of global production), it consumes 27% of pulse and imports about 14% of pulse demand. The yield in India is very low, 781 kg/ha, which may be due to lack of high-quality seeds and policy neglect. The future of nutritious crop production will largely depend on the development of improved varieties/hybrids of various crops with the support of efficient and cost-effective seed production technology. The development and adoption of new seed production technologies and the identification of alternative/specific areas for high-quality seed production are key factors in increasing farmers' total supply of high-quality seeds. The main objectives of this training programme is capacity building of post graduate students, budding scientist and researchers in area of quality seed production of nutritional crops, disease and insect pest management of pulses and vegetables, seed processing and seed quality enhancement and related policy issues of nutritional crops. In concisely the whole e-training is mounted on five major areas; quality seed production, processing, storage, quality enhancement techniques and policy issues.

Target Audience

Students (M.Sc./Ph.D), budding scientists, researcher and teachers are eligible to register and are requested to take advantage of the virtual training.

Registration

The virtual training will be available to 500 registered eligible candidates. Preference will be given to the candidate first come first serve basis.

The link for the online registration is: **https://forms.gle/kEMRGa563M3WvxAo7**

Or use QR code provided here.

Registration is opened till 10th August, 2021 (24 hrs.)

There is no registration fee for virtual training.

About the Selection

WhatsApp/Telegram group of the selected candidates will be created at least one day before the start of the virtual training and the communication regarding the Virtual training will be posted in the group. Lecture through online platform will be conducted along with online interaction. The link/Id for joining the session will be communicated through WhatsApp/Telegram group to selected candidates on 11 August 2021.

Patron in Chief

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Note: Participants have to stay connected 15 min. before start of the each session/e-lecture. To get e-certificate online presence of candidates during the entire session and participation in MCQ examination is mandatory. Online certificate will be issued to participants after submission of their feedback Report.