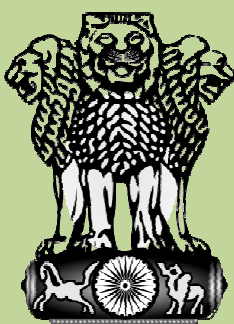


Special Training for Seed Testing Laboratory Staff



सत्यमेव जयते

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**National Training on Seed Testing
for Seed Testing Laboratory Staff
(July 22-26, 2019)**



**National Seed Research & Training Centre
G.T. Road, Collectry Farm, Varanasi, Uttar Pradesh
Subordinate Office of Ministry of Agriculture & Farmer's Welfare, DAC&FW**

Title of Training : **National Training on Seed Testing for Seed Testing Laboratory Staff**
Date and Duration : July 22-26, 2019 (5 days)
Course Director : Dr. Arvind Nath Singh, Director
: Dr. A. K. Verma, SSA & Mrs. Ekta Kumari, JSA
Course Coordinators

BACKGROUND:

Seeds are the foundation of agriculture. Technology has modernized much of farming's day-to-day operations, but without a steady supply of high-quality seed, yields and crop quality would be greatly decreased. Seed quality plays an important role in the production of agronomic and horticultural crops. Characteristics such as trueness to variety, germination percentage, purity, vigor, and appearance are important to farmers planting crops and to homeowners establishing lawns and gardens. Achieving and maintaining high seed quality is the goal of every professional seed producer

Seed processing is a vital part of the seed production needed to move the improved genetic materials of the plant breeder into commercial channels for feeding the rapidly expanding world population. The farmer must get the quality seed that is free from all undesired materials because farmer's entire crop depends on it.

seed certification is a process designed to maintain and make available to the general public continuous supply of high quality seeds and propagating materials of notified kinds and varieties of crops, so grown and distributed to ensure the physical identity and genetic purity. Seed certification is a legally sanctioned system for quality control of seed multiplication and production. The end user need a wide product choice and seed industry today is set to work with a 'farmer centric' approach and is market driven. However, there is an urgent need for Seed production agencies to transform themselves in tune with the industry in terms of infrastructure, technologies, approach and the management culture to be able to survive in the competitive market and to enhance their contribution in the national endeavour of increasing food production to attain food & nutritional security.

The course covers a wide range of seed science and technology issues related to production of high quality seeds, processing, testing, certification, quality control, seed policies and regulations, variety release and registration, seed quality management in seed multiplication systems, seed storage, marketing and distribution, field and laboratory techniques in seed quality assurance and seed business management.

In this context National Seed Research & Training Centre, Varanasi is organizing an Special Training Programme on the topic Seed Testing for Seed Testing Laboratory Staff at NSRTC, Varanasi.

ABOUT NSRTC:

The Government of India, Ministry of Agriculture & Farmers Welfare, Department of Agriculture, Cooperation & Farmers Welfare, Krishi Bhawan, New Delhi has started the National Seed Research and Training Centre (NSRTC), Varanasi during October, 2005. The prime objective of establishment of NSRTC is to have a separate National Seed Quality Control Laboratory, which serves as a Central Seed Testing Laboratory (CSTL) w.e.f. 1st April, 2007 by Gazette Notification No. REGD.NO. D.L-33004/99 dated: 8th March, 2007.

CSTL is maintaining the uniformity in seed testing result among all State Seed Testing Laboratories at the national level. It acts as referral Laboratory for court referred seed samples and also a member laboratory of International Seed Testing Association (ISTA) Switzerland. In addition, CSTL monitor the market seeds through purchasing the samples from various seed selling points and its testing. Further, NSRTC organizes the National trainings, workshops & Congress for the benefit of personnel who are involved in Seed Development and Quality control programme and stakeholders of seed Industry for updating their Knowledge and skills.

National Seed Research and Training Centre (NSRTC) is the apex centre to maintain the uniformity in seed testing results and HRD at national level. NSRTC monitors the all State Seed Testing Laboratories and try to overcome their difficulties. It makes efforts to expertise seed entrepreneurs and other stakeholders involved in seed development programme and make them more potent. Through National Trainings, National Workshops and National Seed Congress, NSRTC is continuously disseminating the knowledge of new techniques of seed testing, role of quality seed etc. to the various seed development agencies and other stakeholders.

Central Seed Testing Laboratory (CSTL) has been assigned to analyze the sample of complainants through Court. Seed testing in collaboration of state testing laboratories and testing of market samples are also important programmes of CSTL. Central Seed Testing Laboratory is a member laboratory of International Seed Testing Association (ISTA) and undergoing PT programme of ISTA for accreditation which will ensure Seed Industry in India globally competitive.

PROGRAM GOAL:

The training programme on Seed Testing for Seed Testing Laboratory Staff is designed to provide in-depth knowledge in Seed Testing for Seed Testing Laboratory Staff respectively. The programme will build capacity of the participants on the respective areas.

ABOUT THE TRAINING PROGRAM:

The training programme on Seed Testing for Seed Testing Laboratory Staff is designed to provide in-depth knowledge in relation to seed sampling, seed purity analysis, ODV, seed germination, seed viability test, seed vigour test, seed health test, determination of moisture content, technical know-how about equipment & machinery, GOT and how to plan suitable Seed Testing strategies to personnel who are involved in Seed Testing programme and stakeholders of seed Industry. The programme will build capacity of the participants on the areas related to Seed Testing.

OBJECTIVES & KEY COMPONENTS:

- ✓ Build capacity of officials working in the area of Seed Testing.
- ✓ To bring understanding about Seed Testing.
- ✓ Bring awareness about the opportunities and challenges in Seed Testing.
- ✓ To bring understanding about advancement in Seed Testing.

Government of India
Ministry of Agriculture and Farmers Welfare,
Department of Agriculture, Co-operation and Farmers Welfare
National Seed Research and Training Centre
G. T. Road, Collectry Farm, Varanasi -221 106 (U.P.)

REGISTRATION FORM

National Training on Seed Testing for Seed Testing Laboratory Staff July 22-26, 2019 (5 days)

PLEASE FILL THE FORM IN CAPITAL LETTERS
(Registration through Speed post and preferably via e-mail on dir-nsrtc-up@nic.in)

Name of participant	:	
Position/Designation	:	
Department/Institution	:	
Postal Address	:	
Phone /Fax number/ Mobile number:		
E-mail ID:		
Accommodation Required:	Yes	No.....
(on payment basis)		
Place:		Signature with seal (sponsoring authority)
Date:		Name:
		Designation:

Note: The selected candidates with proper relieving from their department will be allowed to attend the training.

The interested candidates may visit our website: www.nsrtc.nic.in. Duly filled in registration form should be sent to the DIRECTOR, National Seed Research and Training Centre, G. T. Road, Collectry Farm, Varanasi-221 106 (U.P.).

Note:

1. Course cover maximum of 30 participants.
2. NSRTC will provide working lunch and session tea during training programme and the participants has to bear other expenses for attending the training course.
3. During training course, participants will get opportunity to share their experiences with co-participants and therefore, they should bring relevant material in electronic form for discussion during the training period.
