



# 21 Days “Vocational Training for Empowering Youth to Strengthen Seed Sector”



**Seed for Peace & Prosperity**

**February, 13 to March 04, 2024**

Organized by :  
ICAR-Indian Institute of Wheat and Barley Research,  
Karnal-132001 (Haryana)  
[www.iiwbr.org.in](http://www.iiwbr.org.in)

## “Vocational Training for Empowering Youth to Strengthen Seed Sector”

### Role of seed in agriculture

Seed plays pivotal role in the agriculture and considered as the most important agricultural input. Seed is the genetic blueprint of the newly developed varieties and acts as vehicle of technologies to the farmer’s field. Therefore, considering the potential of seed sector in providing support to rural youth and entrepreneurship development, vocational training program of 21 days duration is designed by ICAR-IIWBR to impart skills and knowledge needed for improving SSR, VRR for sustainability in agriculture.

### About the training

The ICAR-IIWBR is organising this 21 days vocational course covering diverse theme areas of seed technology viz., know-how of quality seed production, maintenance breeding and genetic purity assurance, seed testing, entrepreneurship development, seed processing and storage, seed policy formulation, use of artificial intelligence in seed production and distribution, digital seed marketing, use of social media in varietal promotion in crops is being organised by ICAR-IIWBR, Karnal. Comprehensive vocational training program combines theoretical knowledge with hands-on practical experience, interaction with experts, ensuring participants to be equipped with skills required for seed industry.

### Who can apply ?

Agricultural graduates working in public sector, private seed sector, FPO’s/ FPC’s and rural youth engaged in research and developmental activities, quality seed production, seed processing and storage, seed marketing & seed business planning.

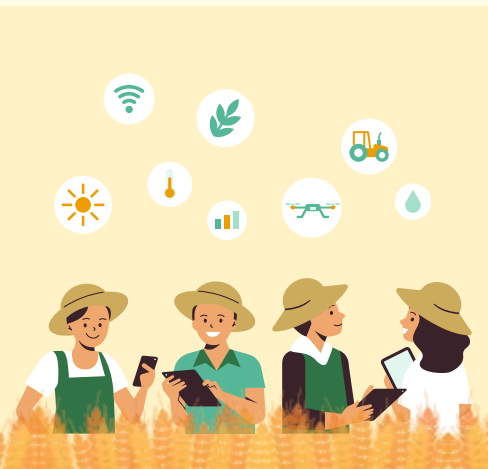
👉 Apply here: <https://forms.gle/CwA4QZCFznUqxAFA6>

### Training fees :

Rs. 10,000 per participant from private seed company/ researchers associated with R & D of private seed sector

Rs. 5,000 per participant from FPO (Farmers’ producer organisation)/ FPC (Farmers producer company)/ Agri. Professionals/ Agri. Post Graduate Student/SHG

Venue: ICAR-IIWBR, Karnal



## Key Components of Training

- ✪ Imparting skill and know-how of quality seed production, processing and storage, seed testing and quality assurance
- ✪ Maintenance breeding and farmer's participatory seed production programme
- ✪ Entrepreneurship development with focus on Public-Private Partnership and Seed Marketing

## Organizing committee

**Chairman: Dr. Gyanendra Singh, Director, ICAR-IIWBR, Karnal**

**Co-Chairman- Dr. OP Ahlawat, PI (Crop improvement)**

**Co-chairman- Dr. BS Tyagi, PI (Coordination)**

**Course Director : Dr. Amit Sharma, Nodal Officer (Seed)**

## **Course Conveners:**

**Dr. Umesh R. Kamble, Dr. Charan Singh, Dr. Vikas Gupta, Dr. Rakesh Bairwa and Dr. Rajendra Kumar**

## Please contact for further information:

**Dr. Amit Sharma, Nodal Officer (Seed)**

**Email:-Amit.Sharma@icar.gov.in; seed.iwbr@icar.gov.in**

**Dr. Umesh R. Kamble, Sr. Scientist (Seed Tech.)**

**Email:- Umesh.Kamble@icar.gov.in**

*#Limited accommodation is available at ICAR-IIWBR, Karnal, therefore will be provided on first come first serve, payment basis.*

*Applications will be accepted till February 06, 2024*





## About ICAR-IIWBR

ICAR-Indian Institute of Wheat and Barley Research, Karnal (IAR-IIWBR) is the nodal organization coordinating wheat and barley research and nucleus and breeder seed production programme in the country. Through coordinated research efforts under AICRP more than 550 wheat varieties suited to different agro-ecological conditions and growing situations have been released. These genotypes have helped in increasing the wheat production from a mere 12.5 million tons in 1964 to 110.5 million tonnes during 2022-23. ICAR-IIWBR is engaged development of climate resilient varieties which can withstand several biotic and abiotic stresses viz. terminal heat and drought. Since 2010, in toto 94 climate resilient varieties have been released and are in seed chain thereby safeguarding wheat production of the country. Further, emphasis is given on biofortification with enhanced bioavailability of micronutrients (Fe and Zn) which resulted in to release of 41 biofortified wheat varieties. ICAR-IIWBR produced (>10000 q) of breeder and quality seed of different wheat and barley varieties during 2023-24. ICAR-IIWBR seed model has emerged as one of the most successful and acknowledged model of rapid varietal promotion, deployment and partnership. State of the art research and development facilities at ICAR-IIWBR, Karnal have supported development of high yielding climate resilient varieties, breeder seed and quality seed production capabilities, seed distribution through seed portal, farmers outreach programmes and capacity building pertaining to wheat and barley crops.

