

## Short Course

on

# “Empowering Knowledge on Protection of Plant Varieties, IPRs and PGR Related Issues in Cereals”

March 12-21, 2018

at

ICAR-IIWBR, Karnal

Sponsored By: Education Division

Indian Council of Agricultural Research

Course organizers: **Dr. Vishnu Kumar**  
**Dr. Arun Gupta**  
**Dr. G P Singh**



ICAR-Indian Institute of  
Wheat & Barley Research  
Karnal-132001, Haryana



## Background

Biodiversity and its conservation is an essential and integral part for food security as well as base for posterity. Germplasm is the base of genetic diversity, valuable source of disease and pest resistance and the primary step towards the development of a food and nutritionally secure country. India is signatory to Trade Related Aspect of Intellectual Property Rights (TRIPs) and formulated *sui generis* system for the protection of plant varieties by enacting “Protection of Plant Varieties and Farmers Rights Act” (PPV&FRA) 2001. The basic objectives of PPV&FRA, 2001 are to boost up plant breeding research and protection of varieties *vis-à-vis* ensuring rights of farmers, village communities, benefit sharing and growth of seed industry. Many multi-national companies are keeping strong vigil on Indian market hence Indian germplasm needs to be protected by certain laws. The focus of the proposed training will be on knowledge oriented approaches to protect developed technologies and plant germplasm related issues. The emergent activities for commercialization, benefit sharing and boosting public and private partnership will also be discussed so that plant breeders can develop skills during emerging global IP scenario and can contribute for institutional building and national development.

## Objectives

- To boost-up knowledge for protection of plant varieties, agencies, laws and public private partnership.
- To discuss and reinvigorate knowledge on intellectual property rights in the present IPR regime.
- To understand the application filing procedures and requirements for plant varieties protection.
- To understand the issues related to Plant germplasm maintenance, sharing and other related issues.

## Content

Indian *sui generis* system of plant varieties protection, international scenario, organizations, types of IPRs protection, IPRs in perspective of Indian agriculture, DUS test in wheat and barley and other cereals, protection rights and procedures, role of PPV&FRA and protection status in India with global scenario, CBD protocols, plant genetic resources, sharing and legal issues, VCU testing procedures and its harmonisation with protection measures, procedures of application filing for protection of cereal varieties, public private partnership, licensing and any other relevant topic related to the subject as per discussion and feedback from the participants.

**Venue**

ICAR-Indian Institute of Wheat & Barley Research Karnal, (HR)-132001

**Duration**

12-21 March, 2018 (10 days)

**About ICAR-IIWBR, Karnal**

Indian Institute of Wheat & Barley Research (erstwhile Directorate of Wheat Research) is a premier institute under the aegis of Indian Council of Agricultural Research, New Delhi. ICAR-IIWBR organizes research, coordination and extension activities for wheat and barley. The more detailed information is available at [www.dwr.res.in](http://www.dwr.res.in).

**About Karnal**

Karnal is situated in Haryana state on NH 1 and around 125 km away from Delhi. The city is well connected by train and road to Indian capital Delhi. The adjoining cities of Karnal are Kurukshetra and Ambala in north and Panipat in south.

**Eligibility**

Master's degree in Agricultural/Allied Sciences (preferably in plant sciences) and having working experience in research, teaching, extension activities in field crops. Participant should be from ICAR/SAU/CAU/agriculture faculty of

BHU, AMU, Vishwa Bharti and Nagaland University in the cadre of Scientist/Assistant Professors or equivalent and above.

**Nominations**

The application for participating must be filled online using CBP Portal at [http://www.icar.org.in/\(Capacity Building Program link under Quick links\)](http://www.icar.org.in/(Capacity_Building_Program_link_under_Quick_links)) or at [www.iasri.res.in/cbportICARsite](http://www.iasri.res.in/cbportICARsite). To apply online for the short course, firstly create account on the CBP site and then using the login/User id login at CBP portal. After carefully filling the application, please take a printout of the application and get it duly approved by the competent authority of the organization. Upload the scanned copy of the above said application at the CBP portal and send one copy by post. One can also send the nominations approved by the competent authority directly to Dr. Vishnu Kumar ([vishnupbg@gmail.com](mailto:vishnupbg@gmail.com)) and Dr. Arun Gupta ([arung66@yahoo.com](mailto:arung66@yahoo.com)).

**Travel and other arrangement**

The participants will be paid to and fro fare for the journey by the shortest route, restricted to AC-II-tier train or public bus fare. Actual TA will be paid on production of original tickets by the participants. Free lodging and boarding will be provided to the participants in guest house on twin sharing basis and the participants are

advised not to bring any family members with them. It is very convenient to reach IIWBR, Karnal and participants should make their own transport arrangements to reach to ICAR-IIWBR.

**Number of participants: 25**

**Last date for receipt of nomination: 31 Dec. 2017**

**Information to selected candidates: Jan. 2018**

All correspondence may please be addressed to:

**Dr. Vishnu Kumar**

Scientist, ICAR-IIWBR  
PB-158, Agrasain Marg, Karnal-132001  
Ph. 0184-2209145  
E-mail-vishnupbg@gmail.com

**Dr. Arun Gupta**

Principal Scientist, ICAR-IIWBR  
PB-158, Agrasain Marg, Karnal-132001  
Ph. 0184-2209158  
E-mail-arung66@yahoo.com

**Dr. G P Singh**

Director, ICAR-IIWBR,  
PB-158, Agrasain Marg, Karnal-132001  
Ph. 0184-2267490, FAX-0184-2267390  
E-mail-wheatpd@gmail.com