

ABOUT ICAR-NBAGR

India possess a large farm Animal Genetic Resources (AnGR) diversity in form of 160 registered indigenous breeds of livestock and poultry. However, a fraction of about one-fifth of these breeds is facing threats in their native tracts due to increasing demand, changing utilization and other factors. National Bureau of Animal Genetic Resources (NBAGR), one of the leading institutes under Animal Science Division of Indian Council of Agricultural Research (ICAR) is relentlessly working for characterization, documentation and conservation of these indigenous breeds of livestock and poultry since its establishment in year 1984. The institute has the broader mandate of identification, evaluation, characterization, conservation and utilization of livestock and poultry genetic resources of the country; and co-ordination and capacity building in animal genetic resources management and policy issues. The bureau has developed an expertise in on phenotypic and genetic characterization, evaluation, conservation, identification of biomolecules and genomic studies of indigenous livestock and poultry genetic resources. Remarkable achievements in characterization, registration of animal genetic resources and development of databases have been realized in short span of time.

LOCATION OF ICAR-NBAGR

The city of Karnal is said to have been founded by Raja Karna, a central character in the Mahabharata epic. ICAR-NBAGR is located on National Highway -1 at Karnal city of Haryana state. Karnal is well connected to New Delhi and Chandigarh by rail as well as by road. It is located in the middle of the two cities at a distance of 125 km from either side. Weather of Karnal in the month of October - November is normally pleasant and comfortable.



ABOUT THE COURSE

The objective of the course is to provide an in-service opportunity to teachers, research workers and specialists working in ICAR institutes, Agricultural / Veterinary Universities and KVKs to update their knowledge and skills in order to keep abreast with the latest developments in the specialized/emerging areas of Breed characterization, documentation and evaluation, conservation, management, genetic characterization and genomic evaluation of indigenous AnGR. The course aims to give an overview of the present AnGR and demonstrating the state of the art techniques for characterization and conservation of the indigenous animal genetic resources. During the training program focus will be given to cover the following topics in the form of lectures as well as practical:

- AnGR diversity of India and its evolution
- National & State policies for AnGR improvement and conservation
- Breed registration process
- Breed identification and characterization
- Breed evaluation and documentation
- Sample survey and monitoring of the population
- Genetic erosion & threats to AnGR diversity
- National watch list and early warning and response system
- Breed prioritization for conservation
- Conservation methodologies
- Germplasm cryopreservation
- Gene bank concept
- Models for In-Situ conservation of breeds
- Role of Gaushalas in conservation
- Bio-molecules for value addition

ELIGIBILITY QUALIFICATION

- (i) Master's Degree in Veterinary Sciences/ Animal Sciences/allied sciences.
- (ii) Working not below the rank of Assistant Professor and equivalent in the concerned subject under ICAR/Agricultural/Veterinary University/KVKs.

BOARDING AND LODGING

The boarding, lodging and travel expenses of the selected participants will be borne under the training budget as per ICAR norms. The travel expenses will be

reimbursed on the production of actual tickets only and will be restricted to a maximum of II- Tier AC sleeper reservation of shortest train or bus route.

REGISTRATION FEE

The participants are required to pay a sum of Rs 50/- as DD/ Postal Order towards registration fee in favor of ICAR Unit, NBAGR, Karnal payable at Karnal branch.

HOW TO APPLY

The interested candidate may apply online for the course through "Capacity Building Program"(CBP) portal as follows:

- First, open the website <http://www.iasri.res.in/cbp> or click on Capacity Building Program link under <http://www.icar.org.in>
- Use "Create New Account" link to create user ID
- Login using your user ID and Password.
- After login, click on "Participate in Training" link and fill the Performa.
- Take a printout of the application and get it approved by the competent authority of the institute.
- Upload the scanned copy of the application through the above portal or send the duly signed copy to the Course Director of Short Course by post along with registration fee.
- The advanced scanned copy of nomination may be sent by e-mail: (director.nbagr@icar.gov.in, saket.niranjan@icar.gov.in) to the Course Director of Short Course.
- Last date for receiving the nomination : **September 15, 2017.**
- Date of informing about selection : **September 20, 2017**
- Date of confirmation about participation : **September 27, 2017**

In case, the candidate fails to inform about his/her participation, the candidature will be cancelled and the vacancy will be filled with the applicants from waiting list.

User Manual/Guideline for online apply is provided at

<http://cbp.icar.gov.in/TraineePages/TrParticipateInTraining.aspx>