

## ICAR-NBAGR, Karnal

ICAR-National Bureau of Animal Genetic Resources (NBAGR) is one of the leading institutes under Animal Science Division of Indian Council of Agricultural Research (ICAR) with the mandate of identification, evaluation, characterization, conservation and utilization of livestock and poultry genetic resources. Since its establishment in the year 1984, the bureau has been working on phenotypic and genetic characterization, karyological analysis and genomic studies of indigenous livestock breeds including poultry. Remarkable achievements in characterization, registration of animal genetic resources and development of databases have been realized in short span of time. The bureau is currently emphasizing on characterization, breed registration, *in-situ* and *ex-situ* conservation and genome evaluation etc.

### Location

The city of Karnal is said to have been founded by Raja Karna, a central character in the Mahabharata war. 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 is normally pleasant and comfortable.

### Objective of 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 KVVKs to update their knowledge and skills in order to keep abreast with the latest developments in the specialized/emerging areas of Animal Genetics

and Breeding, Conservation, Management and Genomic evaluation of indigenous animal genetic resources (AnGR).

### About the Course

The course aims to dwell on state of the art techniques in animal genetic resources conservation, management and improvement under both theory and practical sessions. Course contents include topics on status, characterization, management, utilization, genetic improvement and conservation of different livestock and poultry breeds/species and their economic evaluation and IPR issues. Latest techniques available for prioritization of breeds for conservation, assessment of genetic diversity in farm animals, application of genomic selection in conservation of farm animals, germ plasm freezing, storage and utilization and parentage determination in livestock breeds. Status of A1/A2 alleles in different breeds of indigenous cattle shall also be dealt during the training course.

### Eligibility qualification for the participants

- (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, allied Institute/ Agricultural / Veterinary University/KVVKs.

### 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 of shortest train or bus route.

### How to Apply

The interested candidate should register and apply online through "Capacity Building Program"(CBP) portal as follows:

- Visit the website <http://www.iasri.res.in/cbp> or click on **Capacity Building Program link under <http://www.icar.org.in>**
- Login using your user ID and Password.
- To create user ID use "**Create New Account**" link.
- 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 dully signed copy through proper channel to the **Course Director** of Short Course by post along with registration fee.
- The last date of receiving the nomination is **September 20, 2016**. The advanced scanned copy of nomination may be sent by e-mail ([icarnbagrsummercourse2016@gmail.com](mailto:icarnbagrsummercourse2016@gmail.com)) to the **Course Director** of Short Course.
- The selected applicants will be informed by **September 30, 2016**. The selected candidates should confirm their participation to the **Course Director** positively by **October 10, 2016**, failing which the candidature will be cancelled and the vacancy will be filled with the applicants from waiting list.

### Registration fee

The participants are required to pay a sum of Rs 50/- (Rupees fifty only) as Demand Draft/ Postal Order towards registration fee (non-refundable) in favor of **ICAR Unit, NBAGR, Karnal** payable at Karnal branch.

**For Further Details and  
correspondence:**

**Patron**

**Dr. Arjava Sharma, Director**

ICAR-National Bureau of Animal Genetic Resources  
Post Box 129, Near ITI Chowk, G.T. Road,  
Karnal-132 001, Haryana, India  
Phone: 0184-2267918, Fax: 0184-2267654  
Email: [directornbagr@gmail.com](mailto:directornbagr@gmail.com)

**Course Director**

**Dr. R. K. Pundir, Principal Scientist**

ICAR-National Bureau of Animal Genetic Resources  
Post Box 129, Near ITI Chowk, G.T. Road,  
Karnal-132 001, Haryana, India  
Phone: 0184-2267918  
Mobile: 09416153870  
Email: [pundir.rakesh@gmail.com](mailto:pundir.rakesh@gmail.com)  
[icarnbagrsummercourse2016@gmail.com](mailto:icarnbagrsummercourse2016@gmail.com)

**Course Coordinators**

**Dr. Vikas Vohra, Senior Scientist**

ICAR-National Bureau of Animal Genetic Resources  
Post Box 129, Near ITI Chowk, G.T. Road,  
Karnal-132 001, Haryana, India  
Mobile: 09729000511  
Email: [vohravikas@gmail.com](mailto:vohravikas@gmail.com)

**Dr. K. N. Raja, Scientist**

ICAR-National Bureau of Animal Genetic Resources  
Post Box 129, Near ITI Chowk, G.T. Road,  
Karnal-132 001, Haryana, India  
Mobile: 09729070777  
Email: [drknraja@yahoo.co.in](mailto:drknraja@yahoo.co.in)

**APPLICATION FORM**

**Short Course  
on**

**Advanced tools for Conservation of  
Domestic Animal Diversity**

**(October 17-26, 2016)**

**ICAR-National Bureau of Animal Genetic  
Resources (NBAGR),**

G.T. Road, Near ITI Chowk

NH-1, Karnal-132 001, Haryana, India

1. Full Name (in Block Letters)
2. Designation
3. Experiences
4. Date of birth
5. Sex
6. Marital status
7. Present address
8. Correspondence address  
(Including phone, fax, mobile and e-mail)
9. Academic Record

Degree	Discipline	Year	University
Ph.D.			
Master			
Bachelor			

10. Training attended during last five years

Topic of training	Dates and duration	Host institution	Sponsoring agency

11. DD/Postal Order of Rs 50/- NO      Date

Date                      Signature of applicant

12. Recommendations of forwarding authority

It is certified that information furnished by the candidate has been verified and found correct.

Signature of Sponsoring Authority with office Seal

**Announcement-cum-Invitation**



**Short Course  
on**

**Advanced tools for Conservation  
of Domestic Animal Diversity**

**(October 17-26, 2016)**

**Sponsored by**

**Education Division  
Indian Council of Agricultural Research  
New Delhi**

**at**

**ICAR-National Bureau of Animal Genetic Resources**

Post Box 129, Near ITI Chowk, G.T. Road,  
Karnal-132 001, Haryana, India

**Website:** <http://www.nbagr.res.in>

