



Summer Training Programme

(June 11 to July 22, 2019)

Organized by:

Animal Biotechnology Centre
ICAR- National Dairy Research Institute
Karnal- 132001 (Haryana) INDIA



About Institute and Animal Biotechnology Centre:

ICAR-National Dairy Research Institute (Deemed University) is the premier organization that provides Research and Development support for dairy development programmes of the nation. Over the years, it has gained prominence as the front ranking research organization on global basis. Animal Biotechnology Centre is one of the prestigious centres of the Institute. Activities on biotechnology research at NDRI were initiated during mid eighties under a UNDP 'Centre of Excellence Programme on Biotechnology'. This centre successfully used *in vitro* fertilization (IVF) technique to produce the world's first IVF calf in buffalo named 'PRATHAM' in 1990. Also the goat kids by IVF and cattle calf by OPU-IVF technology was produced for the first time in India. This centre is also known for their contribution in buffalo cloning and World's first cloned buffalo calf was produced in 2009 by hand guided cloning technique. At present the centre has developed various impressive facilities for research and teaching in the area of animal tissue culture, *in vitro* embryo production, somatic cell cloning, embryonic stem cell production, transgenesis, genome analysis, expression genomics, proteomics and structural biology etc.

Broad area of training (Theory and Practical):

- Animal tissue culture
- *In vitro* embryo production
- Somatic cell cloning
- Stem cell biology
- Transgenesis
- Genome analysis
- Expression genomics and proteomics.

Eligibility:

Applications are invited for the training from under-graduate and post-graduate students of Biotechnology. A total of 15 students (10 under-graduate and 5 post-graduate students) will be selected for this training.

How to apply:

Interested students may send their application in the given format along with **copies of attested certificates/marksheets and NOC** from the competent authority of their respective organizations, by post to 'Training Coordinator'. The last date for receipt of applications is May 10, 2019. The application may also be sent through email (training.abtc@gmail.com). The selected candidates will be informed by May 15, 2019. Incomplete application forms will not be considered.

Selection criteria:

1. For the under-graduate students, a merit list will be prepared on the basis of the percentage of marks obtained in 10th and 12th standard. (Formula: Percentage in 10th standard x 0.30 + Percentage in 12th standard x 0.70).
2. For the post-graduate students, the formula for preparation of the merit list will be - Percentage in 10th standard x 0.20 + Percentage in 12th standard x 0.30 + Percentage in graduation x 0.50).
3. A maximum of only two students will be selected from any particular college/institute. If more than two students from same college/institute qualify, only the first two in the merit list will be considered.
4. The candidature may be cancelled if any information submitted is found to be wrong.

Note:

- The training fee will be 12,000/- + GST @18% (for 6 weeks training).
- No boarding and lodging will be provided by the Institute. (The students may avail the PG facility available nearby).

All correspondence should be addressed to:**Dr. M.K. Singh**

Scientist & Training Coordinator
Animal Biotechnology Centre
ICAR-National Dairy Research Institute
Karnal- 132001 (Haryana) INDIA
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APPLICATION FORM FOR PARTICIPATION IN TRAINING COURSE
“Summer Training Programme”
(June 11 to July 22, 2019)

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 Karnal- 132001 (Haryana) INDIA

A. Basic information

1.	Full Name (in block letters)
2.	Father’s Name
3.	Class
4.	Major Subject
5.	Minor Subjects
6.	Name and address of Institute Contact No: Email id:
7.	Correspondence address
8.	E-mail id, Phone/mobile	Contact No: Email id:
9.	Permanent address
10.	Date of birth
11.	Sex: Male/Female

B. Academic qualification

Degree	Year of Passing	College/Board/University	Marks (%)*	Remarks
10 th				
12 th				
B.Sc./B.Tech.				
M.Sc./M.Tech.				
Any other				

*(Attested marksheets must be attached)

C. Technical skills

1.
2.
3.
4.

D. Other information (award, training etc., if any)

1.
2.
3.
4.

Declaration: I hereby declare that the details furnished **above** are true and correct to the best of my knowledge and belief.

(Signature of the student)

Date.....

Place.....