



RASHTRIYA  
KRISHI VIKAS  
YOJANA  
- RKVY

## Training programme for Scheduled Caste students

### “Basic laboratory techniques in Genetics and Molecular Biology”

17<sup>th</sup> to 18<sup>th</sup> March, 2023

*Training Director:* Dr. Z. S. Malik

*Training Coordinator:* Dr. Ankit Magotra

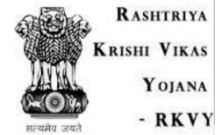
*Training faculty:* Dr. C. S. Patil

Dr. Y. C. Bangar



**Organized by:**

**Department of Animal Genetics and Breeding**  
**Lala Lajpat Rai University of Veterinary and Animal Sciences**  
**Hisar, Haryana-125004**



## LALA LAJPAT RAI UNIVERSITY OF VETERINARY AND ANIMAL SCIENCES, HISAR

### APPLICATION FORM (FOR SC STUDENTS ONLY)

1. Full Name:.....Father Name.....
2. Degree.....
3. Sex:..... 4. Date of Birth:.....
- 5 Present address.....  
.....
- 6 Mobile No.....
- 7 E mail address.....
8. Academic records

Admn. No.	Year	Name of the College	OGPA

Date:.....

Signature of the applicant

#### Contact Personnel:

**Dr. Ankit Magotra (9017837480)**

**Dr. Pradeep Chaudhary (9416544932)**

## **Objectives:**

The main objective of this training is to impart hands on training related to various basic molecular genetic techniques for Scheduled Caste under graduate and postgraduate students. The training programme will also include theoretical aspects of cytogenetics, genetics, molecular biology and bioinformatics techniques for better understanding of the practical events.

## **Content:**

1. Sample collection and animal farm visit
2. Karyotyping
3. DNA and RNA Extraction.
4. Gel Electrophoresis.
5. PCR Technology
6. Sequencing of Nucleic acid
7. latest molecular/staining techniques

**Duration: Two days, 17-18<sup>th</sup> March, 2023**

**Training Fees:** Free of cost training

**Number of participants:** The maximum number of participants **shall not exceed 20.**

**Participants and eligibility:** Under graduate and post graduate students from relevant disciplines.

**Preference will be given to post graduate students.**

**How to apply:** The application for participation may be sent in prescribed format. It should reach to the Training Director latest by 14th March up to 4 P. M vis. email. No provision of TA & DA for the participants.

## **Note:**

Participants has to arrange boarding and lodging by their own during the training program. The organizers of the course will not bear any expenses on account of the participants.

**All correspondence may please be addressed to:**

Dr. Zile Singh Malik

Training Director cum Principal Scientist. & Head

Department of Animal Genetics and Breeding

LUVAS, Hisar.

Cell: 09017837480

Email: hod.agb@luvas.edu.in, [ankitom@luvas.edu.in](mailto:ankitom@luvas.edu.in).

**Photocopy of the application form can be used**