

Hands On Training On Characterization Of Proteins From Biological Samples

[19-24 March 2025]

Organized by
Division of Biochemistry



Patron:

Director, ICAR-IVRI

Co-Patron

Joint Director (Academics), ICAR-IVRI

Dr. Raghvendar Singh
(Chairman)

Dr. Mukesh Kumar
(Course Director)

Dr. Ajay Kumar
(Course Coordinator)

Dr. I. Karuna Devi
(Course Coordinator)

Dr. Amir Samal
(Course Co-Coordinator)

Dr. Sangharatna Bahire
(Course Co-Coordinator)

Faculty

Dr. Raghvendar Singh

Dr. Mohini Saini

Dr. Praveen Singh

Dr. Manish Mahawar

Dr. Ajay Kumar

Dr. I. Karuna Devi

Dr. Mukesh Kumar

Dr. Amir Samal

Dr. Sangharatna Bahire

Technical support:

Dr. Meeta Saxena

Ms. Pooja

Course Contents:

1. Introduction to proteomics studies and relevance in biological science
2. Preparation of biological samples for proteins characterization
3. Separation of proteins by chromatography from biological samples
4. Introduction of Native and SDS-PAGE with hands on practicals
5. Protein characterization by western blot
6. Protein protein interaction studies by Blot-Overlay assay
7. Structural characterization of proteins by CD spectroscopy

Guidelines for Hands on training

Number of Seats: 10

Eligibility: PG Students of ICAR-IVRI (Deemed University).

Fees: No fee.

Application Process: The interested students/scholars may submit the applications to the course director through mail (dr.mukeshmundey54@gmail.com) or directly to Biochemistry office duly forwarded by the Head/Guide on or before **18th March 2025**. Incomplete applications will not be reviewed.

Selection: Selection on the basis of first come, first serve. The selected candidates will be informed by e-mail.

Attendance: course would be **offline and flexible mode**

Assessment : Upon completion of training program, students will be evaluated based on their performance against specified evaluation criteria.

Certificate: Certificate will be awarded to candidates who successfully complete this skill development training program.

Course Schedule

Date	Time
19/03/2025	10:00am -5:00 pm
20/03/2025	10:00am -5:00 pm
21/03/2025	10:00am -5:00 pm
22/03/2025	10:00am -5:00 pm
23/03/2025	10:00am -5:00 pm
24/03/2025	10:00am -5:00 pm

Venue:

**Division of Biochemistry
ICAR-IVRI, Izatnagar**