

Application Form

1. Full Name (in block letters):
2. Designation:
3. Present Address:
4. E-mail Id:
5. Phone Number:
6. Permanent Address:
7. Date of Birth:
8. Sex: Male/Female
9. Academic record:
10. Academic achievements if any (Awards/Fellowship/Publication/attended training, conference etc.)

Signature of the applicant

Date.....

Place.....

Note: It is mandatory for applicant to submit a soft copy of SC community certificate issued by state/central Governmental authorities and an Aadhaar card with filled application form for consideration. Submit the PDF copy of the filled application form to the following email address on or before 28th Feb, 2022. Email address: drseemapegu@yahoo.com; drrajibdeb@gmail.com

About the Training

Basic molecular biology tools are commonly used for disease diagnosis, clinical research, and other purposes. This hands-on training is intended for Schedule Caste community researchers/students interested in basic and advanced molecular biology research for career advancement. This training will assist those seeking new career opportunities in molecular biology in filling a skill gap between college and employment. This course provides hands-on experience with basic molecular biology tools and techniques such as DNA/RNA isolation, cDNA synthesis, PCR, gel electrophoresis, SDS-PAGE, cloning techniques and cell culture

Tentative Programme Contents

- Standard Operating Procedures (SOP) in molecular biology laboratory
- Genomic DNA extraction from animal tissues/blood/semen/body fluids
- RNA Isolation and cDNA synthesis
- Polymerase chain Reaction
- Agarose gel electrophoresis
- Molecular cloning
- SDS-PAGE
- ELISA
- Cell Culture Technique
- Bioinformatic tools



National Training Programme

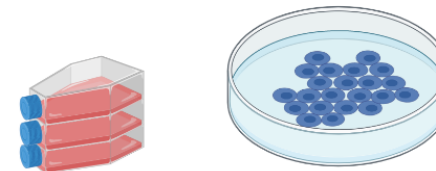
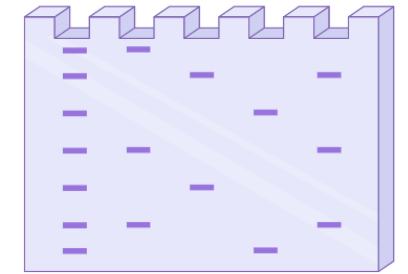
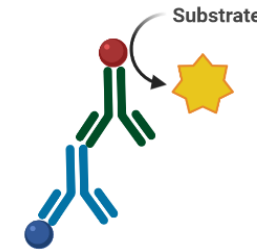
on

Hands-on Training on Basic Molecular Biology Tools and Techniques

Sponsored under

ICAR-Schedule Caste Sub Plan

March 3-5, 2022



Organized by

ICAR-National Research Center on Pig
(Indian Council of Agricultural Research)

Guwahati, Assam, India

Organizing Committee

Course Director

Dr. V K Gupta, Director

Nodal Officer (SCSP)

Dr. Seema Rani Pegu, Senior Scientist

Course Coordinator

Dr. Rajib Deb, Scientist

Core Faculty

Dr. Swaraj Rajkhowa, Principal Scientist

Dr. N H Mohan, ICAR-National Fellow

Dr. Pranab Jyoti Das, Principal Scientist

Dr. Souvik Paul, Scientist

Dr. Juwar Doley, Scientist

Dr. Jaya, Scientist

Dr. Satish Kumar, Scientist

Technical Faculty

Dr. Gyanendra Singh Sengar, Research Associate

Dr. Joyshik Sonowal, Research associate

About the Institute

ICAR-National Research Center on Pig (ICAR-NRCP) is a nodal institute undertaking basic, strategic and applied research in the areas of pig production and health including product/by-product processing, value addition through quality control measures and transfer of the evolved technologies to the client groups.



<https://nrpc.icar.gov.in/>

Eligibility

Applications are invited from Schedule Caste community students (PG/PhD) including research scholars /Junior/Senior Research Fellow/Research associate of ICAR SAU/CAU/Other Universities.

Selection Criteria

The application will be screened by a selection committee. The number of candidates is limited to 15 in order to maintain a low trainee-to-instructor ratio, social distance, and a diverse educational experience.

Registration Fees & Lodging

Candidates do not have to pay any registration fees. However, due to CoVID restriction, no lodging will be available. The candidate is responsible for arranging his or her own lodging. Every day at 10:00 AM, the training programme will begin.