CSIR Integrated Skill Initiative

Introduction to Molecular Techniques

Gain hands-on experience with essential molecular biology techniques used in modern biological and pharmaceutical research.

Programme Dates
28 December – 08 January 2027
(2 Weeks)

Batch Size
10
candidates per programme

last Date to apply
30 November,2026

What You Will Learn



Bacterial culture

Principles and practical techniques for bacterial growth and maintenance.



Bacterial transformation

Introduction to cloning and gene transfer in bacteria.



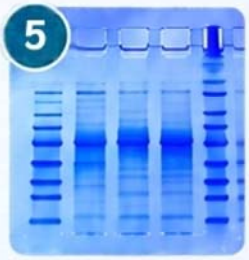
Plasmid isolation

Extraction and purification of plasmid DNA for downstream applications.



Polymerase Chain Reaction (PCR)

Amplification of target DNA sequences using PCR.



SDS-PAGE

Protein separation and analysis using SDS-PAGE.

Eligibility

B.Sc. / M.Sc.
B.Parm. / M.Pharm.
or Equivalent

Programme Fee
(Inclusive of GST)

₹ 5,000 Academic
(Students / Research Scholar)

₹ 10,000 Industry Professionals

Certificates

Certificate of Completion will be provided

Programme Material

Hands-on training, expert guidance and practical exposure

Register Now
Visit the official SDP training portal

https://www.cdri.res.in/sdptraining

SCAN QR CODE
TO VISIT THE SITE

Hands-on Learning | Small Batch Size | Expert Guidance | Research Focused Training

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