



**CSIR
INTEGRATED
SKILL
INITIATIVE**

CSIR-NCL SKILL DEVELOPMENT PROGRAM

Women's Day Special Batch

*"Polymer
Characterisation by
GPC techniques"*



ABOUT COURSE

Gel permeation chromatography is used in a various industries like polymer, pharmaceutical, food, materials etc. It is the essential and important laboratory techniques used for material characterization. GPC is the most powerful method for determining average molecular weight and polydispersity of polymer samples. This course provides a detailed knowledge of theory, sample preparation, data generation, analysis, report preparation and trouble shooting w.r.t gel permeation chromatography. After successful completion of the course the candidate will be able to analyse and interpret the data and will acquire sufficient expertise.

COURSE CONTENT

GPC - Introduction to GPC Technique, History and development, Pump, Column and detectors, Sample method development, live demonstration of sample run, Analysis and troubleshooting etc.



FOR WHOM

- Students
- Academic Researchers
- Industrial Professionals

PRIME INSTRUCTOR & TEAM

Mrs. Poorvi Purohit

Sr. Technical Officer
Polymer Science And
Engineering

Mr. Kalpesh Bokde

Project Associate

COURSE DETAILS

Duration- 3 Days

Dates- 03rd March - 05th March 2025

No. of Seats- 08

Eligibility: M. Sc., M. Pharm., B. E.,
B. Tech., M. E., M. Tech

Course Fees -

**Free of cost on the occasion of
Women's Day**

Accommodation- 500 /- for 3 days

HOW TO APPLY

Application form is available at -

<http://www.ncl-india.org/files/SDP/Default.aspx>

Here is the reason why
WHY CHOOSE US



- More weightage on hands-on practice
- Interactive sessions
- Robust & sustainable training module
- Fee structure
- Brief on career options
- Networking

<https://nclsdp.ncl.res.in/>

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