



## CSIR INTEGRATED SKILL INITIATIVE

# CSIR-NCL SKILL DEVELOPMENT PROGRAM

## “Women’s Day Special Batch Polymer Characterisation by GPC techniques”



### FOR WHOM

- Students
- Academic Researchers
- Industrial Professionals

### 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://ncsdp.ncl.res.in/>



INTERNATIONAL DAY OF  
**WOMEN AND GIRLS IN  
SCIENCE**

### 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.

### PRIME INSTRUCTOR

**Mrs. Poorvi Purohit**  
Sr. Technical Officer  
Polymer Science And Engineering

### COURSE DETAILS

**Duration**- 2 Days  
**Dates**- 12<sup>th</sup> March - 13<sup>th</sup> March 2026  
**No. of Seats**- 10  
**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 2 days

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