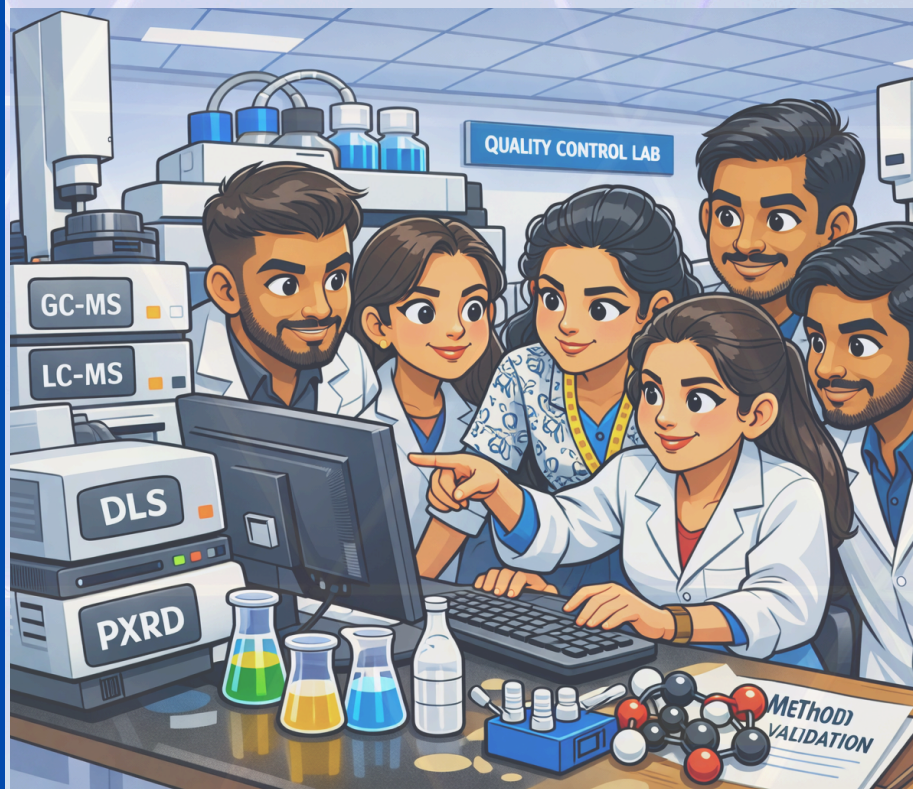




CSIR INTEGRATED SKILL INITIATIVE

CSIR-NCL SKILL DEVELOPMENT PROGRAM

Quality Control Chemist



ABOUT COURSE

Quality Control is essential to ensure the desired quality of manufactured products. The role of a Quality Control Chemist is therefore crucial in both manufacturing and research environments. Quality is maintained through qualitative and quantitative testing methods, implemented by the Quality Assurance unit with the support of skilled QC chemists. They design test protocols, determine sample sizes, and maintain accurate raw data and documentation. Quality control is enforced from the raw material stage to the finished product, strictly following established Standard Operating Procedures (SOPs). While testing requirements may vary across organizations, fundamental laboratory analyses remain the backbone of every quality control program.

COURSE CONTENT

- Basics of chemistry and laboratory safety guidelines
- Hands-on introduction to FTIR, XPS, and DLS (Particle Size Analysis)
- Chromatographic techniques: HPLC, GC, GC-MS, and LC-MS
- Solubility and dissolution testing
- USFDA protocols, method development, validation, and troubleshooting
- Qualitative and quantitative analysis
- Instrument operation and analytical software training
- Introduction to PXRD (Powder X-Ray Diffraction)



FOR WHOM

- Students
- Academic Researchers
- Industrial Professionals

HOW TO APPLY

Application form is available at -
<http://www.ncl-india.org/files/SDP/Default.aspx>

COURSE COORDINATOR

Dr. Rajesh G. Gonnade
Chief Scientist,
Physical & Materials' Chemistry Division

COURSE FEES

Students	- 10,620 /-
Faculty	- 17,700 /-
Industrial Professional	- 29,500 /-

(The fees stated include 18% GST)
Accommodation-2 weeks + 2 days
with affordable charges

COURSE DEATILS

Duration- 2 weeks
Dates- 23rd March - 02nd April 2026
No. of Seats- 15
Eligibility- M.Sc. Chemistry / Biology,/ M.Pharm.

Here is the reason why WHY CHOOSE US



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

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

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