



## CSIR INTEGRATED SKILL INITIATIVE



## CSIR-NCL SKILL DEVELOPMENT PROGRAM

# Quality Control Chemist



### 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
- Affordable fee structure
- Brief on career options
- Networking



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



[ncl.sdtp@ncl.res.in](mailto:ncl.sdtp@ncl.res.in)



CSIR-National Chemical Laboratory,  
Dr. Homi Bhabha Road, Pashan,  
Pune-411008

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## Quality Control Chemist



Empowering Next-Gen Chemists

### ABOUT COURSE

Quality control aspect is an essential part to ensure the desired quality of the products being manufactured.

Hence role and responsibilities of a Quality Control Chemist becomes crucial in any manufacturing as well as in research unit. quality control of any product can be assured by qualitative and quantitative research methods. In any organization quality assurance unit implements the quality control with the help of team of quality control chemists.

During such exercise the quality control chemists prepares lists of tests to be performed and their sample size. Maintaining raw data and its documentation is very essential in such exercise.

Quality control has to be enforced from material entry phase to the level of finished product as per the established standard Operative Procedures of the organization. Tests to ensure the quality can vary from organization to organization however basic laboratory tests are integral part of such quality control programme.

### COURSE COORDINATOR

**Dr. V. Koteswara Rao**

Principal scientist,  
Biochemical Sciences Division,  
CSIR-National Chemical Laboratory,  
Pune, 411008.

### COURSE CONTENT

- Introduction to basic chemistry and general safety guidelines.
- Introduction and Demonstration of FTIR, XPS, and DLS (Particle size analysis).
- Chromatographic Techniques - HPLC, GC, GC-MS, GPC and LC-MS.
- USFDA Protocols, Method Development, Qualitative and Quantitative Assessments, Validation, Troubleshooting, Shooting and Software for controlled operations.
- GDP (Good Documentation), SOP (Standard Operating Procedure), GLP (Good Laboratory Practice).

### COURSE DETAILS

**Duration**- 2 weeks

**Dates**- 03 November - 14 November 2025

**No. of Seats**- 15

**Eligibility**- M.Sc. Chemistry/ Biology/ M.Pharm.  
Last date of registration-21 Oct 2025

**Course Fees** -

Students - **5900 /-**

Faculty - **17700 /-**

Industrial Professional - **29500 /-**

(The fees stated include 18% GST)

Accommodation-2 weeks + 2 days with  
affordable charges