Certified Industry Readiness Course in

Pharmaceutical Quality Control

Best Recommended Certified Course for B. Pharm, M. Pharm Students for Overall Career Development and for Career Progression in Quality Control

Jointly Organized By

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CIREE

About Course

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Pharmaceutical Quality Control forms an essential or rather say an important arm of any Pharmaceutical Industry. There arises the need wherein the drugs, medical devices and diagnostic kits needs to be processed for quality control in order to check for their efficaciousness and quality. They need to be marketed with utmost safety and by adhering to precaution measures. The professionals working in QC Department determine the active pharmaceutical formulations are consistent and predictable. Their Job Profile even includes to evaluate the better analytical methods that are employed for maintaining quality. These include the processes that are usually followed in the Pharmaceutical Industry.

Through this course, we aim that the best of best minds is prepared to step into the QC Department. Students and candidates who take up this course, will be embedded with the latest learnings, workings and knowledge of Pharmaceutical Quality Control Department.

Need & Objective:

- To imbibe and fill in the Knowledge regarding the current practices that are followed in QC Department
- To analyse the awareness of Students towards Stability Studies, Dissolution Studies that are actually as per the Industrial Standards
- To help student acquire the required knowledge of Assays and Validation Techniques that are followed in QC Department.
- To enhance the understanding behind the OOS and OOT
- To help students/candidates understand residual solvents, New Drug Product and Change Control System

Outcome:

- Candidate will be able to identify the needs and requirements of Pharma Quality Control Department.
- Candidate will get to learn the basics as well as the advances process and methodologies used in Pharma Industries in relation to Pharmaceutical Quality Control Department.
- Candidate will learn the basic Job Responsibilities of Pharma QC Department.

Course Contents

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Session Contents

- How Quality Expert Blueprint is Prepared?
- How to set Intention and Goal
- Self-Discovery Process
- Evolution of Stability Studies
- ICH Guidelines
- Photostability
- Stability Zones and Stability Conditions-Part 1
- Stability Zones and Stability Conditions-Part 2
- Analytical Method Validation Assay
- Analytical Method Validation MV Disso
- Analytical Method Validation RS
- Impurities in New Drug Product
- Impurities in New Drug Substance
- Residual Solvents
- Change Control System
- Incident
- Out of Specification
- Out of Concentration
- How to Define Standard Concentration in Residual Solvent
- Optimum Result for Standard and Test
- Standards and Sample Concentration in Assay and Calculated Formula
- Pipetting Techniques
- Lab Setup
- Preparation of Mobile Phase
- Sample Preparation Techniques
- Smallest Net Value in Balance
- Weighing Techniques

Course Mentors:

- **Bhaskar Napte, Pharma Coach, Manisha Laboratories**
  LinkedIn Profile: https://bit.ly/3x154LJ

Execution

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Who can enrol?

- B. Pharm/ M. Pharm Students

Execution Mode:

- CiREE Application

Value Proposition:
• **Unique Course that provides in-depth knowledge regarding Pharma Quality Control** • **Top-Class Industry Expert: Will Guide & deliver the Session through his own Experience** • **Fulltime Access to the Course** • **Certification of Completion**

Certificate Representation: