ST ALOYSIUS COLLEGE (AUTONOMOUS)
MANGALURU

Department of Post Graduate Studies & Research in Biotechnology

OFFERS ONLINE CERTIFICATE PROGRAM ON

QUALITY ASSURANCE & QUALITY CONTROL

Login To
https://sac-elearning.com

Assessment criteria
Quiz, assignments and final test

Eligibility
Open to all.

Duration
30 hours (5 weeks)

Course fee
₹1000

COURSE STRUCTURE

Module 1 - Quality tools and Total quality management(TQM)

Module 2 - Current Good Manufacturing Practices (CGMP) and Good documentation practices (GDP)

Module 3 - Good Laboratory Practices (GLP)

Module 4 - ISO 9000, ISO 14000, schedule Y, ICH GCP

Module 5 - Cleanroom Technology

Hurry Up!
We have limited seats

Starts on 20th July, 2020

Digital certificates will be awarded by the college on the successful completion of the course

Rev Dr Praveen Martis SJ
Principal

For more details Contact Dr. Shreelalitha Suvarna
HOD and Asst. Professor
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Program Overview:

The Certificate Program in Quality Assurance and Quality Control is a comprehensive and online training program that focuses on the principles, methodologies, and best practices of QA and QC. Participants will gain a deep understanding of quality management systems, processes, and techniques to ensure products and services meet or exceed customer expectations.

Module 1: Quality Tools and Total Quality Management (TQM)

Use of the quality systems approach within the pharmaceutical industry such as Total Quality Management and Process steps of Total Quality Management (TQM).

Drives a culture of Continuous Improvement in your organization at all Levels.

Focuses on the tools for identification and the analysis of problems- Qualitative and quantitative.

Helps to identify and prioritize problems quickly and more effectively.

Assists with the decision making process

Provides a way of extracting information from data collected.

Module 2: Good Laboratory Practices (GLP)

This module of GLP deals with the organization, process and conditions under which laboratory studies are planned, performed, monitored, recorded and reported and the practices intended to promote the quality and validity of test data.

It focusses on the principles of GLP which include organization and personnel responsibilities, test system facilities, equipment, reagents and materials, standard operating procedures, reporting of results and storage of records and reports.

Module 3: ISO 9000, ISO 14000, ICH GCP and Schedule Y

This module helps to create a basic understanding of a set of international standards such as:

ISO 9000 which is a set of international standards on quality management and quality assurance developed to help companies effectively document the quality system elements needed to maintain an efficient quality system

ISO 14000 a set of standards which specify requirements for establishing an environmental management policy, determining environmental impacts of products or services, planning environmental objectives, implementing programs to meet objectives, and conducting corrective action and management review.

To gain fundamental knowledge of ICH Good Clinical Practice (GCP), an international ethical and scientific quality standard for designing, conducting, recording and reporting trials that involve the participation of human subjects.

To get a preliminary idea on Schedule Y which describes the details of application process for conducting clinical trials; responsibilities of the investigators in India.

Module 4: Clean Room Technology

This module provides the basics on the clean-room technology typically used in manufacturing or scientific research, in a controlled environment that has a low level of pollutants such as dust, airborne microbes, aerosol particles, and chemical vapours.

Emphasizes on all technical and operational measures avoiding the potential risk of contamination of products.