Health care and Pharmaceutical

(CPVP) CERTIFIED PROCESS VALIDATION PROFESSIONAL
Curriculum

Program Outline :

Module 1: Fundamentals of (CPVP) Certified Process Validation Professional™

1.**Validation Principles:** Understanding the fundamental principles of process validation, including the importance of validation in ensuring product quality and safety.

2.**Regulatory Requirements:** Familiarity with regulatory guidelines and requirements from agencies such as the FDA and EMA.

3.**Validation Lifecycle:** Knowledge of the three stages of the validation lifecycle: Process Design, Process Qualification, and Continued Process Verification.

4.**Documentation and Reporting:** Best practices for documenting validation processes and generating comprehensive reports.

Module 2: Advanced (CPVP) Certified Process Validation Professional™

1. **Advanced Validation Techniques:** Exploring sophisticated methods
for validating processes, including statistical techniques and risk based approaches.

2. **Global Regulatory Requirements:** Understanding the nuances of international regulations and ensuring compliance across different regions.

3. **Process Optimization:** Techniques for improving and optimizing validated processes to enhance efficiency and product quality.

4. **Post-Approval Changes:** Managing and validating changes to processes after product approval to ensure continued compliance and quality.

Module 3: Practical Applications

1. **Patient Care and Management:**
Medication Therapy Management (MTM): Pharmacists optimize medication regimens to improve therapeutic outcomes and reduce adverse effects.

2. **Clinical Practice:**
Patient Counseling: Educating patients on proper medication use, potential side effects, and lifestyle modifications to enhance health outcomes.

3. **Pharmaceutical Research and Development:**
Drug Discovery and Development: Conducting research to discover new medications and develop existing ones .

4. Healthcare Technology and Innovation:
Telemedicine: Using telehealth platforms to provide remote consultations, follow-ups, and health monitoring

Module 4: Capstone Project

1.Impact of Telemedicine on Patient Outcomes
Analyze the effectiveness of telemedicine in improving patient outcomes, especially for chronic disease management .

2.Pharmaceutical Waste Management
Develop strategies to reduce pharmaceutical waste and its environmental impact.

3.Medication Adherence in Elderly Patients
Investigate factors affecting medication adherence among elderly patients and develop interventions to improve adherence.

4.Implementation of an Electronic Health Records (EHR) System
Assess the challenges and benefits of implementing an EHR system in a healthcare facility

ELECTIVE MODULES

1. **Advanced Pharmacology:** Deep dive into the mechanisms of action, side effects, and interactions of various drugs.

2. **Clinical Research Methods:** Learn about designing and conducting clinical trials, data analysis, and ethical considerations.

3. **Health Informatics:** Study the use of information technology in healthcare, including electronic health records and data management.

4. **Global Health:** Explore health issues and solutions in a global context, including international health policies and practices

Websites:

- https://chools.in/
- https://ramaqchools.com/
- https://www.choolsgroup.com/