# Health care and Pharmaceutical

# CERTIFIED PHARMACY EXECUTIVE LEADER (CPEL)

# Curriculum

## Program Outline :

### Module 1: Fundamentals of Certified Pharmacy Executive Leader (CPEL)

1.**Strategic Planning:** Ability to develop and implement strategic plans that leverage pharmacy services to improve health outcomes across the continuum of care.

2.**Leadership Competencies:** Demonstrating essential leadership skills such as self-development, accountability, communication, and customer focus.

3.**Formulary Management:** Optimizing formulary management with an emphasis on clinical efficacy, patient outcomes, and cost-effectiveness.

4.**Interdisciplinary Collaboration:** Leading and collaborating within and across complex healthcare organizations to ensure integrated and patient-centered care.

5.**Professional Standards:** Adhering to professional standards of conduct, maintaining knowledge of pharmacy practice, and advocating for the profession.

## Module 2:Advanced Certified Pharmacy Executive Leader (CPEL)

**1.Strategic Leadership:** Ability to develop and execute long-term strategic plans that align with organizational goals and improve patient
care outcomes.

**2.Advanced Financial Management:** Proficiency in managing pharmacy
budgets, cost control, and financial planning to ensure fiscal responsibility and sustainability.

**3.Healthcare Policy and Advocacy:** Understanding of healthcare policies, regulations, and advocacy efforts to influence positive changes
in pharmacy practice and patient care.

**4.Innovation and Change Management:** Skills in leading and managing
change initiatives, including the implementation of new technologies, processes, and practices.

**5.Talent Development and Succession Planning:** Expertise in developing and mentoring pharmacy staff, as well as planning for leadership succession to ensure a strong future leadership pipeline.

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

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

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

**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/